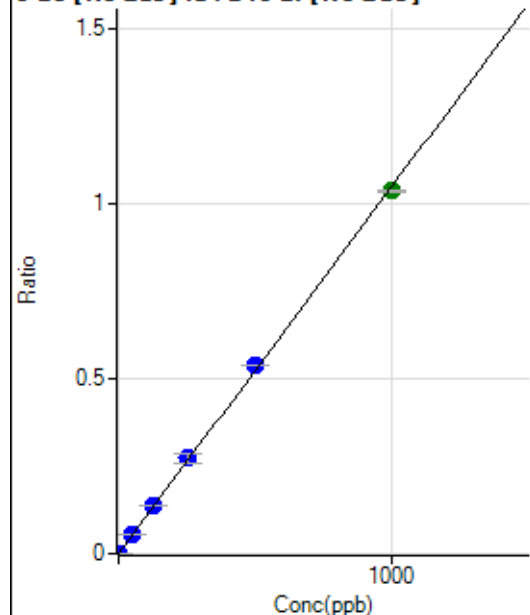


Batch Folder: D:\ICP-MS Data\P7011719MS.b\
Analysis File: P7011719MS.batch.bin
DA Date-Time: 2019-01-17 22:17:56
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-01-17 14:34:10
2			
3	005CALS.d	S02	2019-01-17 14:42:54
4	006CALS.d	S03	2019-01-17 14:46:50
5	007CALS.d	S04	2019-01-17 14:50:59
6	008CALS.d	S05	2019-01-17 14:54:48
7	009CALS.d	S06	2019-01-17 14:58:32
8	010CALS.d	S07	2019-01-17 15:02:19
9	011CALS.d	S08	2019-01-17 15:06:10

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	165.56	0.0000	P	14.7
2	☐	0.100					
3	☐	1.000	0.980	6751.61	0.0011	P	5.1
4	☐	50.000	52.839	348135.93	0.0554	P	0.2
5	☐	125.000	130.861	832852.53	0.1372	P	0.5
6	☐	250.000	260.946	1625108.26	0.2736	P	9.1
7	☐	500.000	513.646	3189496.17	0.5384	P	0.2
8	☐	1000.000	989.566	6088761.44	1.0373	A	0.6
9	☐			1077.83	0.0002	P	9.2

$$y = 0.0010 * x + 2.5424E-005$$

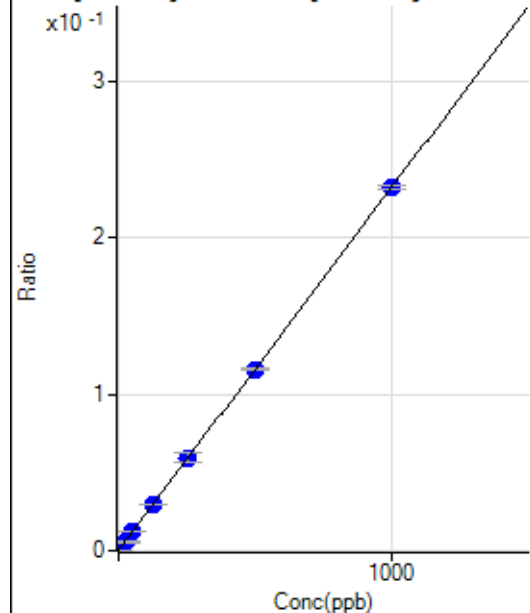
$$R = 0.9998$$

$$DL = 0.0107$$

$$BEC = 0.02425$$

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	1380.68	0.0002	P	9.0
2	☐	2.500					
3	☐	25.000	23.075	35690.13	0.0056	P	1.9
4	☐	50.000	50.326	74693.49	0.0119	P	2.2
5	☐	125.000	124.521	176686.02	0.0291	P	1.2
6	☐	250.000	255.960	353727.47	0.0596	P	11.0
7	☐	500.000	498.859	686954.63	0.1160	P	1.3
8	☐	1000.000	999.172	1362191.76	0.2321	P	0.9
9	☐			26727.41	0.0051	P	7.3

$$y = 2.3204E-004 * x + 2.1201E-004$$

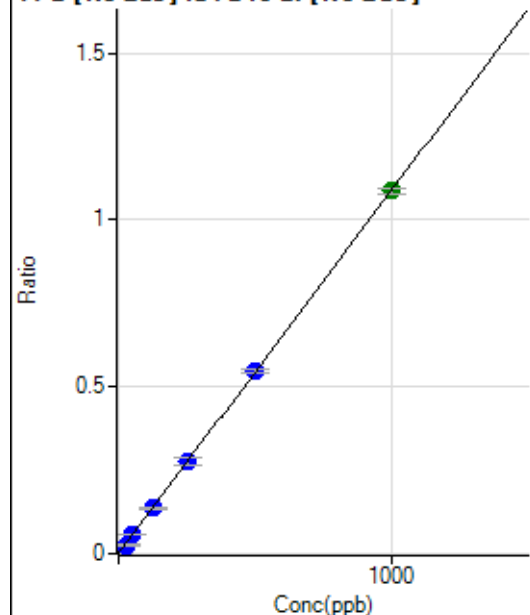
$$R = 1.0000$$

$$DL = 0.2464$$

$$BEC = 0.9137$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6218.20	0.0010	P	4.0
2	☐	2.500					
3	☐	25.000	22.739	164673.02	0.0257	P	2.5
4	☐	50.000	50.233	349195.90	0.0556	P	1.4
5	☐	125.000	124.721	829162.18	0.1366	P	2.5
6	☐	250.000	253.414	1642013.60	0.2765	P	10.0
7	☐	500.000	501.388	3235639.63	0.5462	P	1.6
8	☐	1000.000	998.532	6379685.95	1.0868	A	1.2
9	☐			124531.88	0.0237	P	8.2

$$y = 0.0011 * x + 9.5474E-004$$

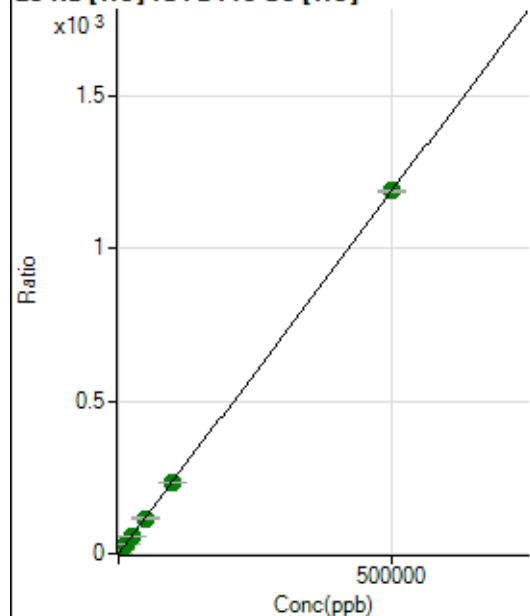
$$R = 1.0000$$

$$DL = 0.1065$$

$$BEC = 0.8779$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37361.23	0.0680	P	0.8
2	☐	50.000					
3	☐	500.000	467.958	645394.65	1.1795	P	0.3
4	☐	5000.000	4997.008	6394101.92	11.9367	A	0.8
5	☐	12500.000	12499.340	15545263.19	29.7558	A	0.6
6	☐	25000.000	24627.747	30481593.04	58.5625	A	0.5
7	☐	50000.000	49054.617	61645468.04	116.5798	A	0.6
8	☐	100000.00	97000.347	123259861.09	230.4577	A	0.2
9	☐	500000.00	500713.16	618721163.83	1,189.333	A	0.8

$$y = 0.0024 * x + 0.0680$$

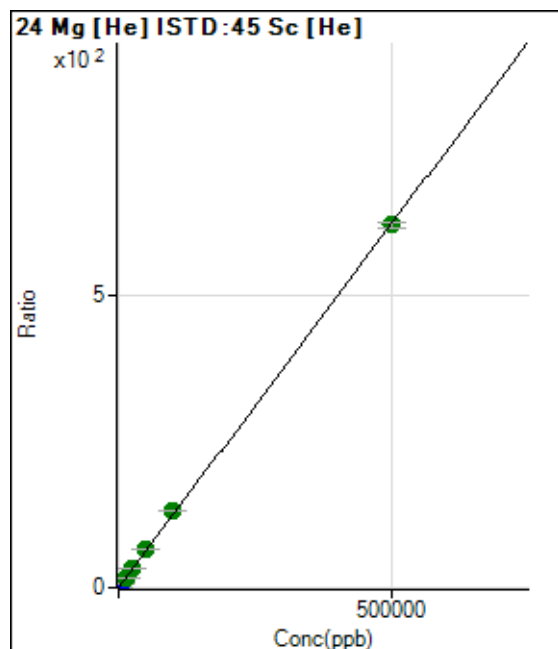
$$R = 1.0000$$

$$DL = 0.6615$$

$$BEC = 28.65$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	375.02	0.0007	P	2.5
2	☐	50.000					
3	☐	500.000	499.305	339444.47	0.6204	P	0.7
4	☐	5000.000	5510.676	3663908.46	6.8398	P	0.6
5	☐	12500.000	13723.219	8898075.72	17.0321	A	0.7
6	☐	25000.000	26931.589	17397256.99	33.4245	A	0.3
7	☐	50000.000	53360.458	35018746.27	66.2244	A	0.4
8	☐	100000.00	105501.25	70030003.65	130.9344	A	0.3
9	☐	500000.00	498431.43	321796268.31	618.5855	A	1.2

$$y = 0.0012 * x + 6.8310E-004$$

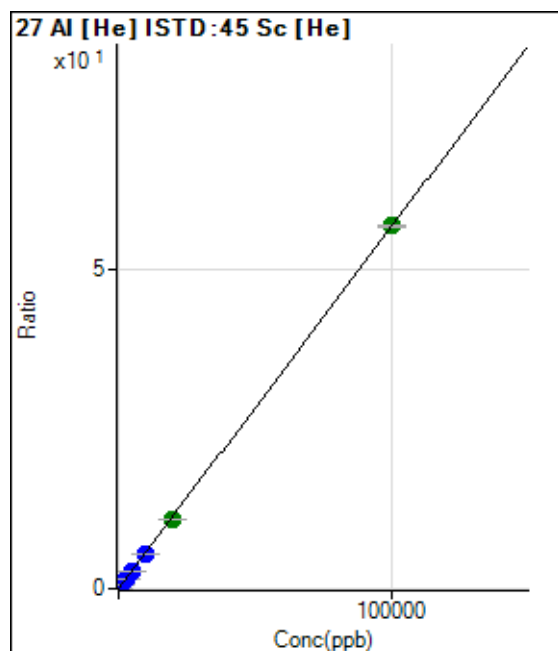
$$R = 0.9999$$

$$DL = 0.0419$$

$$BEC = 0.5504$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0002	P	46.5
2	☐	2.000					
3	☐	20.000	18.160	5743.00	0.0105	P	4.9
4	☐	1000.000	1000.403	304407.75	0.5683	P	0.8
5	☐	2500.000	2486.108	737634.58	1.4119	P	0.4
6	☐	5000.000	4890.381	1445530.13	2.7772	P	0.5
7	☐	10000.000	9739.737	2924787.52	5.5309	P	0.4
8	☐	20000.000	19214.995	5836015.19	10.9115	A	0.0
9	☐	100000.00	100188.85	29597951.70	56.8930	A	0.4

$$y = 5.6786E-004 * x + 1.8214E-004$$

$$R = 1.0000$$

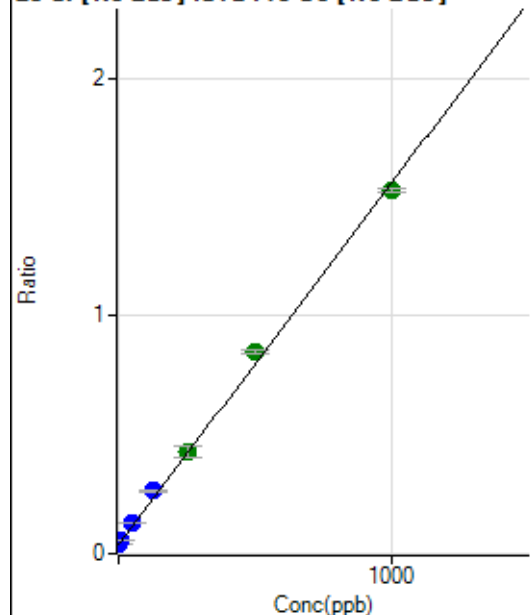
$$DL = 0.447$$

$$BEC = 0.3208$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	493147.82	0.0379	P	0.4
2	☐	1.000					
3	☐	10.000	9.848	681309.68	0.0529	P	0.1
4	☐	50.000	60.300	1636830.38	0.1297	P	1.2
5	☐	125.000	148.186	3246940.46	0.2634	P	1.8
6	☐	250.000	255.483	5166173.99	0.4266	A	11.2
7	☐	500.000	533.254	10467066.99	0.8492	A	1.2
8	☐	1000.000	978.590	18821981.50	1.5266	A	0.9
9	☐			1242080.51	0.1068	P	1.0

$$y = 0.0015 * x + 0.0379$$

$$R = 0.9989$$

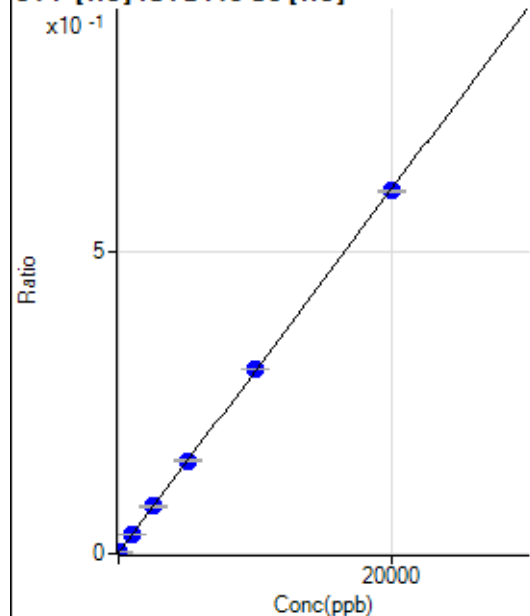
$$DL = 0.2627$$

$$BEC = 24.94$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-26.711	241.68	0.0004	P	18.5
2	☐	0.000					
3	☐	0.000	26.711	1119.54	0.0020	P	8.1
4	☐	1000.000	1017.608	17054.79	0.0318	P	2.2
5	☐	2500.000	2562.221	40896.01	0.0783	P	1.1
6	☐	5000.000	5061.287	79855.24	0.1534	P	1.4
7	☐	10000.000	10143.836	161934.01	0.3062	P	0.3
8	☐	20000.000	19904.102	320747.14	0.5997	P	0.4
9	☐			447.25	0.0009	P	8.7

$$y = 3.0067E-005 * x + 0.0012$$

$$R = 1.0000$$

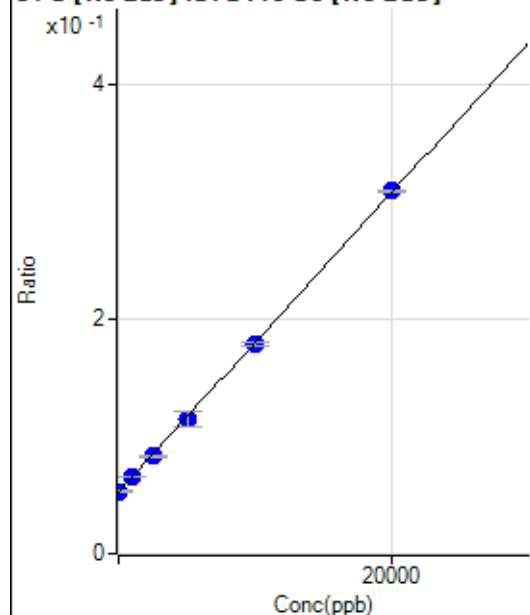
$$DL = 12.37$$

$$BEC = 41.36$$

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	-39.228	677890.89	0.0522	P	0.5
2	☐	0.000					
3	☐	0.000	39.228	684285.85	0.0532	P	1.2
4	☐	1000.000	1040.172	832044.09	0.0659	P	0.4
5	☐	2500.000	2372.526	1021978.52	0.0829	P	0.8
6	☐	5000.000	4855.619	1388100.66	0.1145	P	10.3
7	☐	10000.000	9871.814	2199974.68	0.1785	P	1.2
8	☐	20000.000	20114.114	3810090.62	0.3090	P	0.4
9	☐			600253.32	0.0516	P	1.1

$$y = 1.2746E-005 * x + 0.0527$$

R = 0.9999

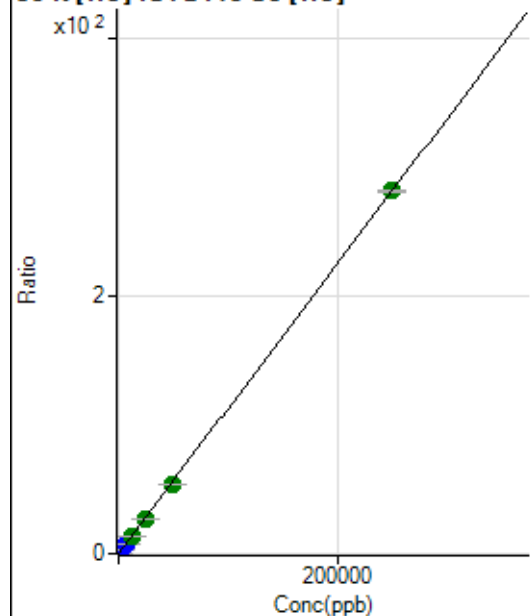
DL = 101.6

BEC = 4131

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	30376.48	0.0553	P	2.4
2	☐	50.000					
3	☐	500.000	453.605	309373.82	0.5654	P	0.6
4	☐	2500.000	2454.645	1508208.09	2.8155	P	0.8
5	☐	6250.000	6119.997	3624167.22	6.9372	P	1.0
6	☐	12500.000	12002.207	7053589.13	13.5517	A	0.8
7	☐	25000.000	23981.003	14288752.75	27.0217	A	0.3
8	☐	50000.000	47488.780	28590833.63	53.4559	A	0.1
9	☐	250000.00	250632.83	146646510.22	281.8892	A	0.7

$$y = 0.0011 * x + 0.0553$$

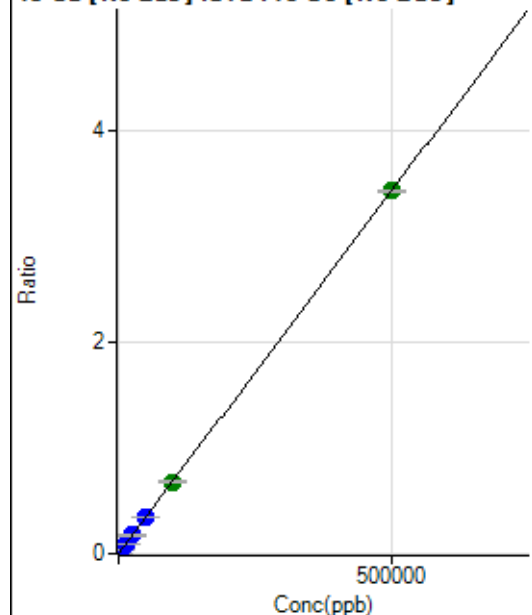
R = 0.9999

DL = 3.514

BEC = 49.2

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	175.01	0.0000	P	33.2
2	☐	50.000					
3	☐	500.000	467.786	41556.65	0.0032	P	0.9
4	☐	5000.000	5153.005	447167.11	0.0354	P	0.8
5	☐	12500.000	12726.919	1078422.23	0.0875	P	0.7
6	☐	25000.000	25566.771	2127835.55	0.1757	P	11.2
7	☐	50000.000	50942.886	4315450.61	0.3501	P	0.8
8	☐	100000.00	99191.851	8404250.62	0.6817	A	0.4
9	☐	500000.00	500031.83	39957181.80	3.4363	A	0.8

$$y = 6.8721\text{E-}006 * x + 1.3462\text{E-}005$$

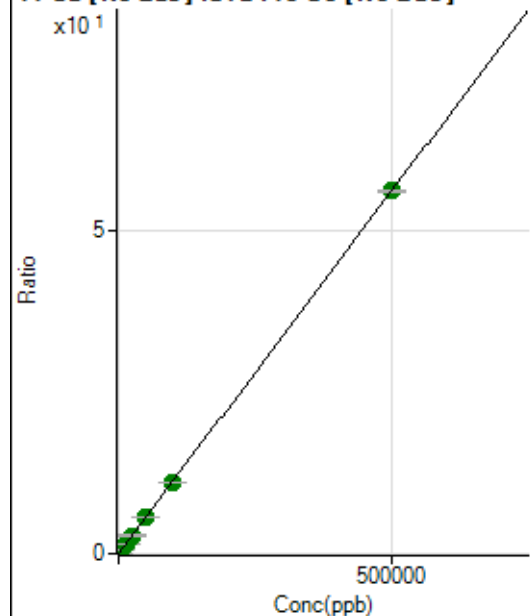
$$R = 1.0000$$

$$DL = 1.953$$

$$BEC = 1.959$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12022.09	0.0009	P	1.2
2	☐	50.000					
3	☐	500.000	463.944	682702.03	0.0530	P	0.3
4	☐	5000.000	5042.538	7160486.19	0.5673	A	0.5
5	☐	12500.000	12474.240	17283489.45	1.4019	A	0.5
6	☐	25000.000	25155.768	34252668.13	2.8262	A	10.1
7	☐	50000.000	49730.549	68857043.90	5.5862	A	0.4
8	☐	100000.00	98164.918	135939237.76	11.0259	A	0.4
9	☐	500000.00	500386.42	653498114.61	56.1998	A	0.5

$$y = 1.1231\text{E-}004 * x + 9.2496\text{E-}004$$

$$R = 1.0000$$

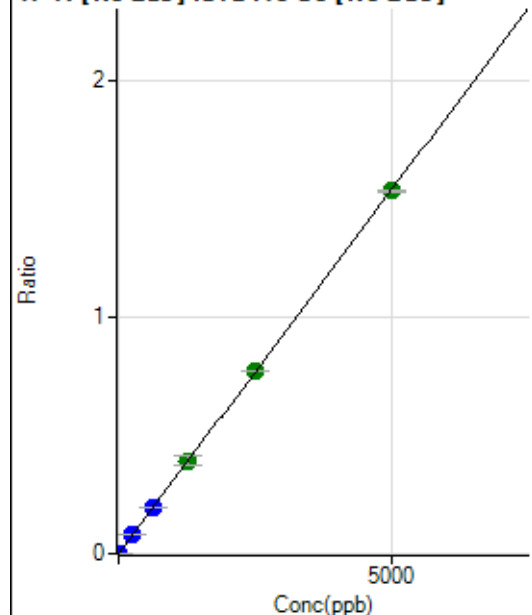
$$DL = 0.2963$$

$$BEC = 8.236$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0000	P	18.3
2	☐	0.500					
3	☐	5.000	4.828	19235.39	0.0015	P	1.0
4	☐	250.000	254.010	984384.31	0.0780	P	0.3
5	☐	625.000	632.668	2394285.19	0.1942	P	0.5
6	☐	1250.000	1271.457	4729050.06	0.3903	A	10.4
7	☐	2500.000	2511.375	9502243.18	0.7709	A	0.1
8	☐	5000.000	4987.789	18875941.40	1.5310	A	0.2
9	☐			6407.22	0.0006	P	4.0

$$y = 3.0695E-004 * x + 1.2399E-005$$

$$R = 1.0000$$

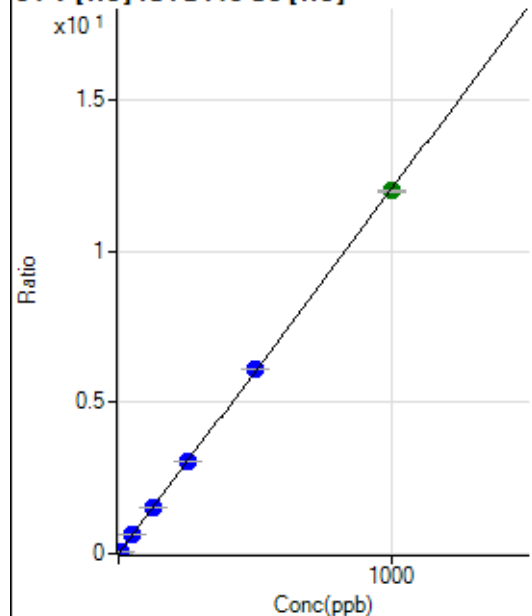
$$DL = 0.0222$$

$$BEC = 0.04039$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.89	0.0000	P	21.5
2	☐	0.500					
3	☐	5.000	4.973	32778.72	0.0599	P	1.4
4	☐	50.000	50.789	327681.68	0.6117	P	0.5
5	☐	125.000	128.041	805648.36	1.5421	P	0.5
6	☐	250.000	253.262	1587650.03	3.0503	P	0.4
7	☐	500.000	506.811	3227751.17	6.1040	P	0.1
8	☐	1000.000	995.359	6411743.65	11.9880	A	0.2
9	☐			1398.98	0.0027	P	2.1

$$y = 0.0120 * x + 1.6190E-005$$

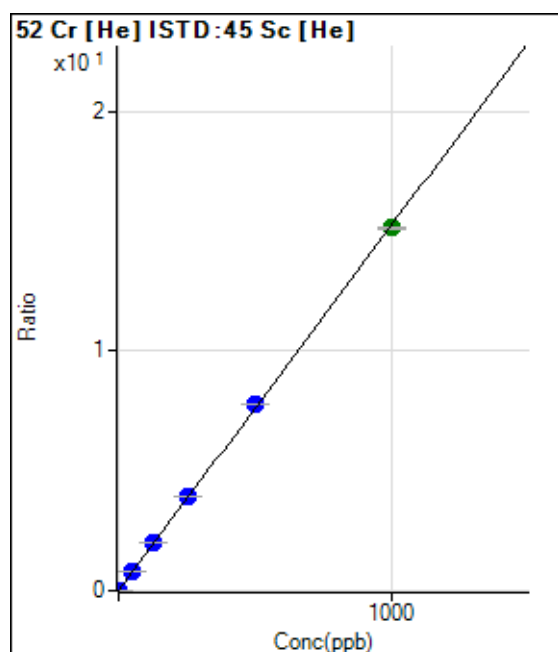
$$R = 1.0000$$

$$DL = 0.000869$$

$$BEC = 0.001344$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2280.21	0.0042	P	4.2
2	☐	0.200					
3	☐	2.000	1.907	18180.24	0.0332	P	1.1
4	☐	50.000	52.000	426770.97	0.7967	P	1.1
5	☐	125.000	129.881	1036362.43	1.9837	P	0.6
6	☐	250.000	256.616	2037940.21	3.9154	P	0.3
7	☐	500.000	509.342	4107284.10	7.7673	P	0.3
8	☐	1000.000	992.965	8096758.00	15.1385	A	0.6
9	☐			68574.07	0.1318	P	1.0

$$y = 0.0152 * x + 0.0042$$

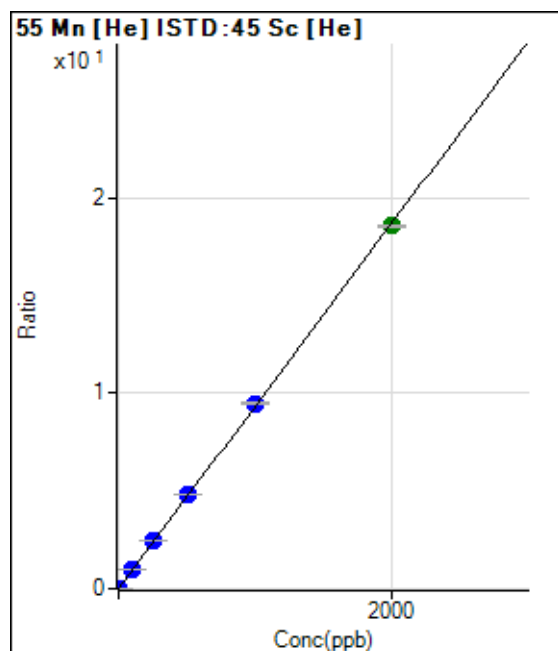
$$R = 0.9999$$

$$DL = 0.03421$$

$$BEC = 0.2725$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	90.00	0.0002	P	32.4
2	☐	0.100					
3	☐	1.000	1.025	5327.71	0.0097	P	1.2
4	☐	100.000	104.353	522140.14	0.9747	P	0.7
5	☐	250.000	259.735	1267341.23	2.4259	P	0.9
6	☐	500.000	512.246	2490127.24	4.7841	P	0.5
7	☐	1000.000	1015.959	5017461.04	9.4884	P	0.2
8	☐	2000.000	1987.524	9927791.59	18.5620	A	0.9
9	☐			48490.91	0.0932	P	1.4

$$y = 0.0093 * x + 1.6395E-004$$

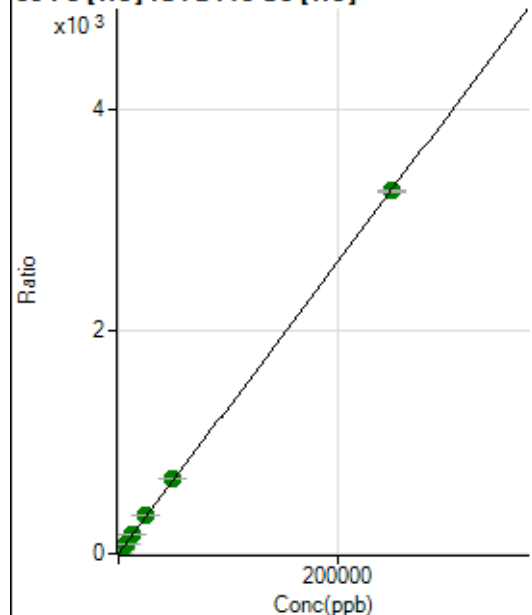
$$R = 0.9999$$

$$DL = 0.01705$$

$$BEC = 0.01756$$

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	8851.02	0.0161	P	4.4
2	☐	5.000					
3	☐	50.000	53.167	389352.73	0.7116	P	0.2
4	☐	2500.000	2726.087	19109229.83	35.6742	A	1.2
5	☐	6250.000	6831.542	46691779.75	89.3750	A	0.8
6	☐	12500.000	13343.066	90851520.55	174.5479	A	0.5
7	☐	25000.000	26401.721	182620226.31	345.3595	A	0.6
8	☐	50000.000	51629.394	361206619.18	675.3459	A	0.6
9	☐	250000.00	249474.99	1697614097.2	3,263.232	A	0.7

$$y = 0.0131 * x + 0.0161$$

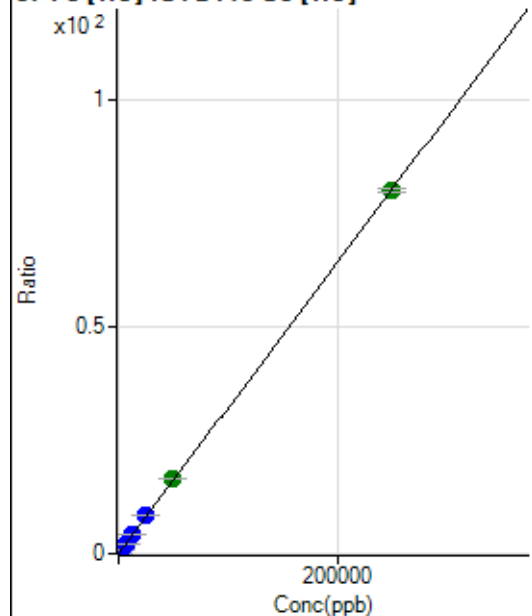
$$R = 1.0000$$

$$DL = 0.1624$$

$$BEC = 1.232$$

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	146.30	0.0003	P	15.6
2	☐	5.000					
3	☐	50.000	54.949	9777.57	0.0179	P	1.5
4	☐	2500.000	2712.002	465535.79	0.8691	P	1.1
5	☐	6250.000	6805.277	1139105.35	2.1804	P	0.7
6	☐	12500.000	13335.333	2223755.23	4.2724	P	0.4
7	☐	25000.000	26462.385	4483091.53	8.4778	P	0.4
8	☐	50000.000	51475.398	8820067.96	16.4910	A	1.1
9	☐	250000.00	249500.91	41581143.99	79.9306	A	1.0

$$y = 3.2036E-004 * x + 2.6654E-004$$

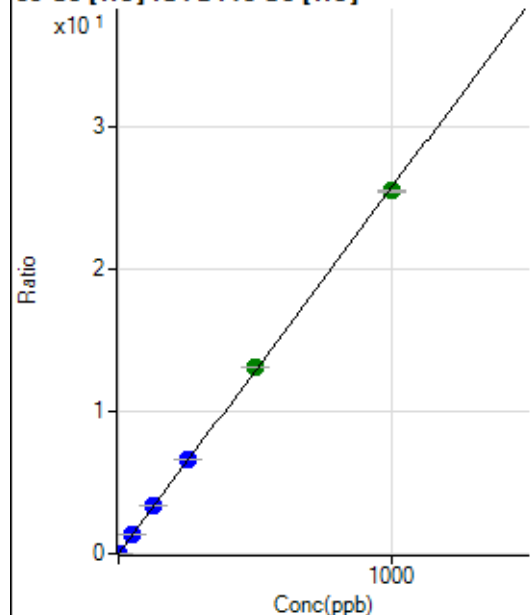
$$R = 1.0000$$

$$DL = 0.3891$$

$$BEC = 0.832$$

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	155.56	0.0003	P	10.0
2	☐	0.100					
3	☐	1.000	0.981	13940.13	0.0255	P	0.8
4	☐	50.000	52.806	726850.26	1.3569	P	0.8
5	☐	125.000	131.956	1771177.28	3.3903	P	1.0
6	☐	250.000	259.417	3468991.93	6.6648	P	0.4
7	☐	500.000	510.332	6932920.80	13.1109	A	0.6
8	☐	1000.000	991.470	13623385.21	25.4716	A	0.4
9	☐			151207.41	0.2907	P	0.7

$$y = 0.0257 * x + 2.8339E-004$$

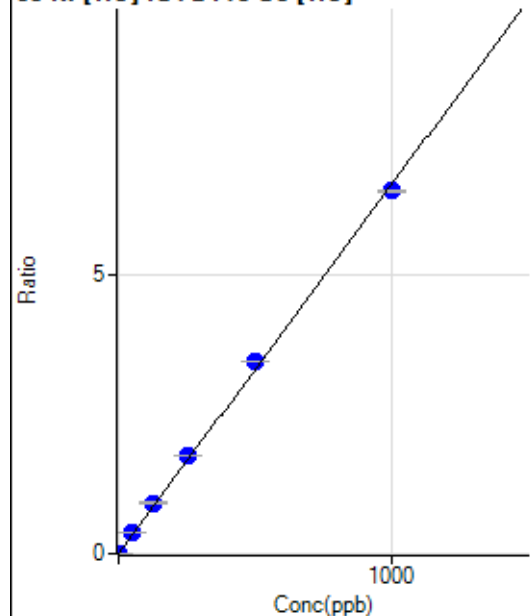
$$R = 0.9999$$

$$DL = 0.003301$$

$$BEC = 0.01103$$

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	135.56	0.0002	P	18.1
2	☐	0.100					
3	☐	1.000	1.063	3990.60	0.0073	P	3.6
4	☐	50.000	55.166	195959.37	0.3658	P	0.5
5	☐	125.000	137.253	475283.73	0.9098	P	1.3
6	☐	250.000	267.796	923782.06	1.7748	P	0.4
7	☐	500.000	520.815	1825157.38	3.4515	P	0.3
8	☐	1000.000	983.354	3485373.18	6.5165	P	0.4
9	☐			43873.36	0.0843	P	1.6

$$y = 0.0066 * x + 2.4681E-004$$

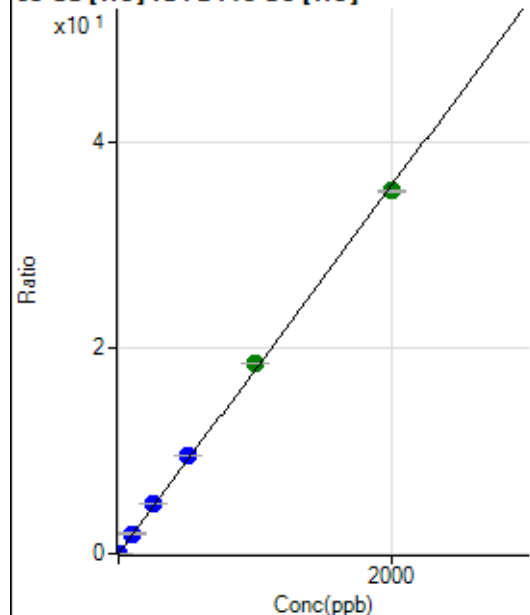
$$R = 0.9995$$

$$DL = 0.02027$$

$$BEC = 0.03725$$

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	3014.81	0.0055	P	2.4
2	☐	0.200					
3	☐	2.000	2.026	22843.60	0.0417	P	0.7
4	☐	100.000	109.389	1051811.35	1.9636	P	1.4
5	☐	250.000	273.158	2557343.81	4.8951	P	0.7
6	☐	500.000	532.011	4959623.33	9.5287	P	0.3
7	☐	1000.000	1033.348	9783992.08	18.5028	A	0.6
8	☐	2000.000	1971.959	18882409.44	35.3044	A	0.3
9	☐			25062.83	0.0482	P	0.9

$$y = 0.0179 * x + 0.0055$$

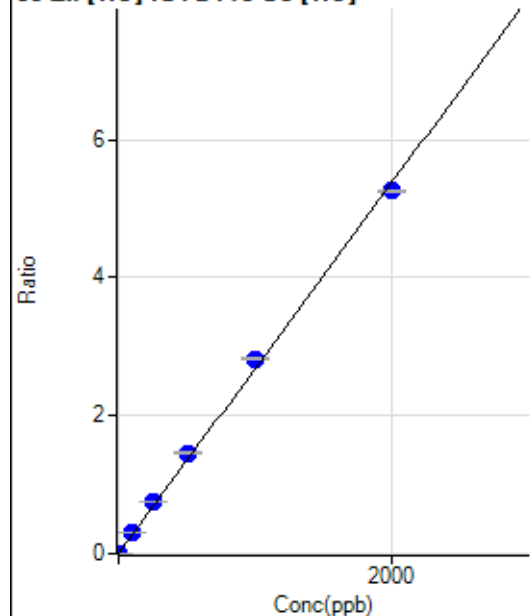
$$R = 0.9996$$

$$DL = 0.02185$$

$$BEC = 0.3068$$

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	327.79	0.0006	P	11.5
2	☐	0.200					
3	☐	2.000	2.260	3646.07	0.0067	P	6.3
4	☐	100.000	113.298	163259.22	0.3048	P	2.3
5	☐	250.000	280.076	393170.63	0.7526	P	1.1
6	☐	500.000	544.620	761421.58	1.4629	P	0.5
7	☐	1000.000	1052.447	1494550.59	2.8264	P	0.4
8	☐	2000.000	1958.197	2812388.50	5.2583	P	0.4
9	☐			22268.28	0.0428	P	1.1

$$y = 0.0027 * x + 5.9712E-004$$

$$R = 0.9992$$

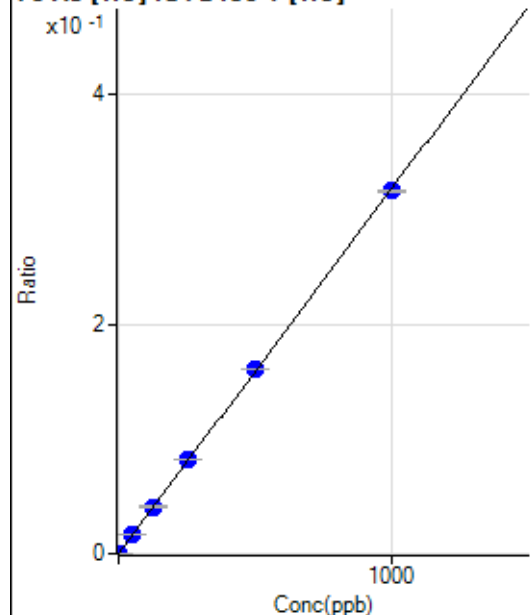
$$DL = 0.07699$$

$$BEC = 0.2224$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.05	0.0000	P	35.1
2	☐	0.100					
3	☐	1.000	0.966	841.39	0.0003	P	2.2
4	☐	50.000	52.175	44176.74	0.0166	P	0.8
5	☐	125.000	129.144	107451.20	0.0411	P	0.6
6	☐	250.000	257.564	211404.95	0.0819	P	0.2
7	☐	500.000	505.591	422851.47	0.1608	P	0.6
8	☐	1000.000	994.687	819479.92	0.3164	P	0.4
9	☐			1063.01	0.0004	P	3.5

$$y = 3.1810E-004 * x + 5.9499E-006$$

$$R = 0.9999$$

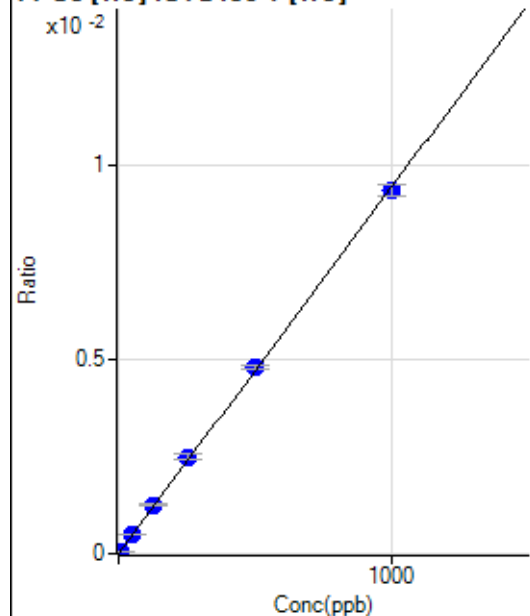
$$DL = 0.01972$$

$$BEC = 0.0187$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.641	117.78	0.0000	P	16.0
4	☐	50.000	52.607	1321.19	0.0005	P	3.4
5	☐	125.000	132.294	3265.98	0.0012	P	2.8
6	☐	250.000	264.281	6435.97	0.0025	P	4.9
7	☐	500.000	510.481	12669.03	0.0048	P	2.1
8	☐	1000.000	990.149	24208.21	0.0093	P	3.0
9	☐			6.67	0.0000	P	50.6

$$y = 9.4396E-006 * x + 0.0000E+000$$

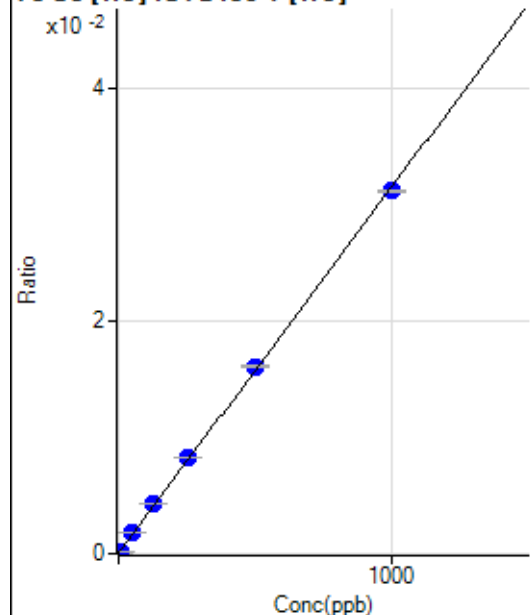
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	106.17	0.0000	P	7.1
2	☐	0.500					
3	☐	5.000	5.339	556.81	0.0002	P	1.9
4	☐	50.000	54.063	4626.70	0.0017	P	0.0
5	☐	125.000	134.769	11180.92	0.0043	P	2.1
6	☐	250.000	261.488	21308.91	0.0083	P	1.0
7	☐	500.000	510.930	42330.66	0.0161	P	0.8
8	☐	1000.000	990.237	80719.09	0.0312	P	0.2
9	☐			119.14	0.0000	P	11.1

$$y = 3.1434\text{E-}005 * x + 3.9371\text{E-}005$$

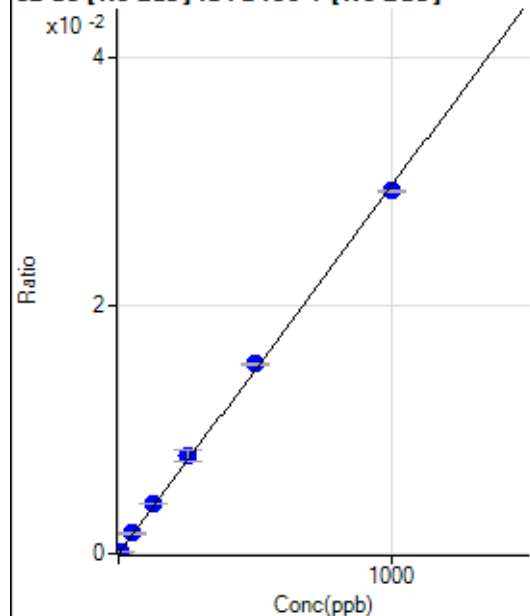
$$R = 0.9998$$

$$DL = 0.2653$$

$$BEC = 1.253$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.77	0.0000	P	99.8
2	☐	0.500					
3	☐	5.000	5.300	3129.79	0.0002	P	5.4
4	☐	50.000	55.030	31737.03	0.0016	P	1.4
5	☐	125.000	134.484	76096.02	0.0040	P	0.8
6	☐	250.000	266.602	149522.78	0.0079	P	9.9
7	☐	500.000	515.224	292927.72	0.0153	P	0.8
8	☐	1000.000	986.799	562892.12	0.0293	P	0.8
9	☐			268.90	0.0000	P	17.6

$$y = 2.9656\text{E-}005 * x + 7.2672\text{E-}007$$

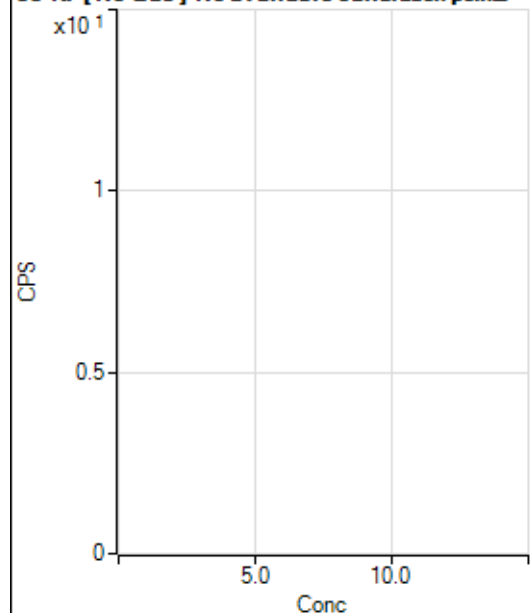
$$R = 0.9997$$

$$DL = 0.0734$$

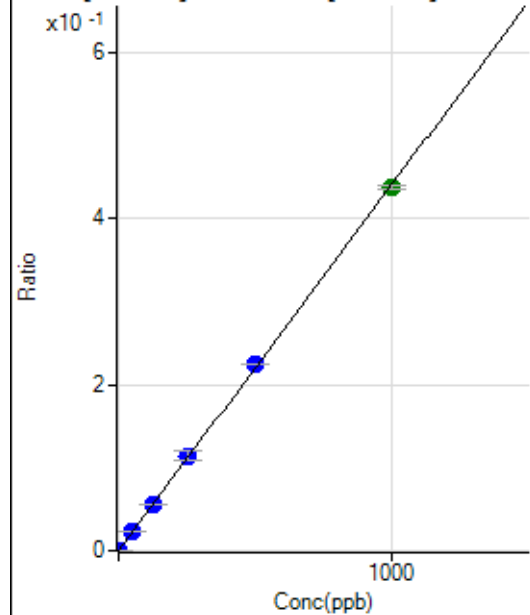
$$BEC = 0.02451$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			881.15		P	4.1
2	☐						
3	☐			863.37		P	9.5
4	☐			820.04		P	1.1
5	☐			772.26		P	7.1
6	☐			834.48		P	6.3
7	☐			835.59		P	6.8
8	☐			877.82		P	5.9
9	☐			931.16		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1391.81	0.0001	P	14.5
2	☐	0.100					
3	☐	1.000	0.927	9459.07	0.0005	P	2.7
4	☐	50.000	51.739	444192.70	0.0229	P	0.7
5	☐	125.000	127.740	1074285.33	0.0563	P	0.4
6	☐	250.000	257.860	2147887.57	0.1136	P	10.3
7	☐	500.000	511.318	4317288.21	0.2252	P	0.4
8	☐	1000.000	991.947	8402138.30	0.4368	A	1.0
9	☐			35043.92	0.0020	P	2.0

$$y = 4.4031E-004 * x + 6.8895E-005$$

$$R = 0.9999$$

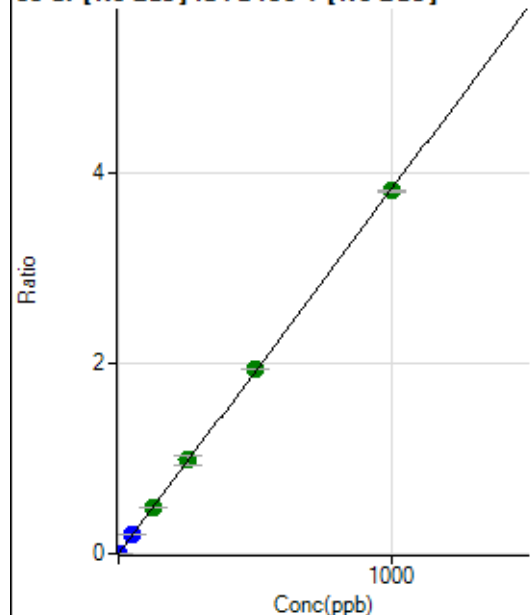
$$DL = 0.06802$$

$$BEC = 0.1565$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	266.68	0.0000	P	6.1
2	☐	0.100					
3	☐	1.000	0.923	70406.89	0.0036	P	0.5
4	☐	50.000	51.935	3871909.77	0.1992	P	0.6
5	☐	125.000	126.121	9226573.64	0.4837	A	0.7
6	☐	250.000	256.176	18581836.53	0.9824	A	9.5
7	☐	500.000	505.250	37144383.12	1.9376	A	0.1
8	☐	1000.000	995.594	73436698.17	3.8180	A	0.5
9	☐			290931.81	0.0163	P	0.6

$$y = 0.0038 * x + 1.3187E-005$$

$$R = 1.0000$$

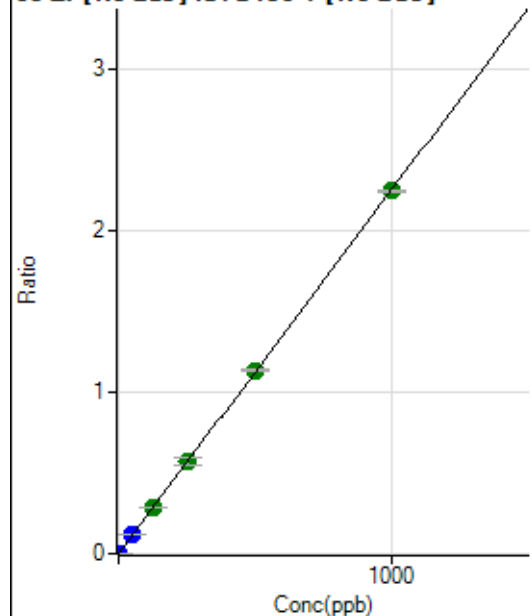
$$DL = 0.0006296$$

$$BEC = 0.003439$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1247.34	0.0001	P	9.5
2	☐	0.100					
3	☐	1.000	0.913	41998.52	0.0021	P	2.1
4	☐	50.000	50.929	2232925.16	0.1149	P	0.7
5	☐	125.000	124.794	5367565.48	0.2814	A	0.6
6	☐	250.000	252.845	10784113.43	0.5700	A	9.2
7	☐	500.000	503.332	21752193.72	1.1347	A	0.7
8	☐	1000.000	997.602	43255446.11	2.2488	A	0.6
9	☐			14068.58	0.0008	P	2.2

$$y = 0.0023 * x + 6.1722E-005$$

$$R = 1.0000$$

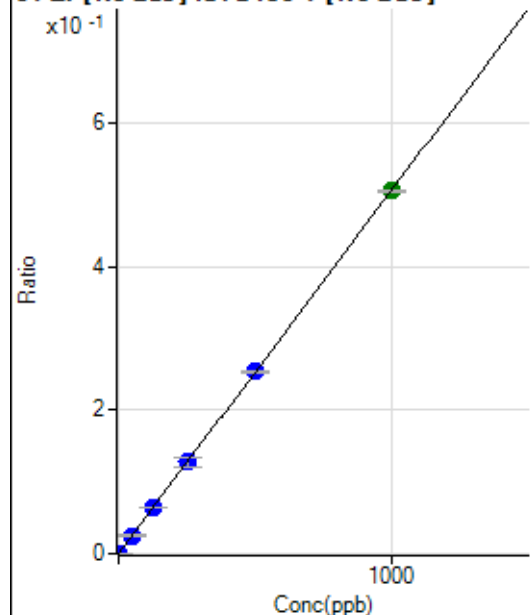
$$DL = 0.007801$$

$$BEC = 0.02738$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.57	0.0000	P	8.5
2	☐	0.100					
3	☐	1.000	0.943	9675.84	0.0005	P	3.8
4	☐	50.000	50.257	494094.30	0.0254	P	1.0
5	☐	125.000	125.091	1206531.04	0.0632	P	1.1
6	☐	250.000	251.977	2410359.15	0.1274	P	9.0
7	☐	500.000	501.527	4860606.10	0.2535	P	1.0
8	☐	1000.000	998.718	9711383.12	0.5049	A	0.3
9	☐			3239.39	0.0002	P	2.1

$$y = 5.0553\text{E-}004 * x + 1.1408\text{E-}005$$

$$R = 1.0000$$

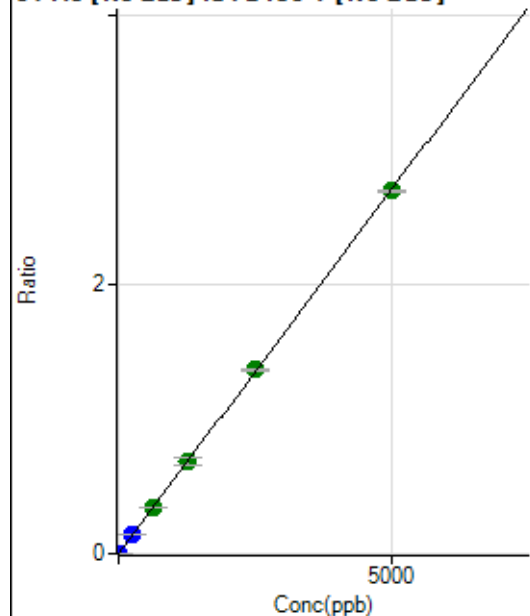
$$DL = 0.005732$$

$$BEC = 0.02257$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	477.81	0.0000	P	19.7
2	☐	0.500					
3	☐	5.000	4.851	52478.17	0.0026	P	0.7
4	☐	250.000	256.380	2696181.01	0.1387	P	1.4
5	☐	625.000	627.920	6479699.32	0.3397	A	0.7
6	☐	1250.000	1271.193	13009206.63	0.6876	A	9.1
7	☐	2500.000	2523.057	26162741.56	1.3648	A	1.7
8	☐	5000.000	4982.489	51838622.69	2.6951	A	0.6
9	☐			29592.81	0.0017	P	3.9

$$y = 5.4091\text{E-}004 * x + 2.3607\text{E-}005$$

$$R = 1.0000$$

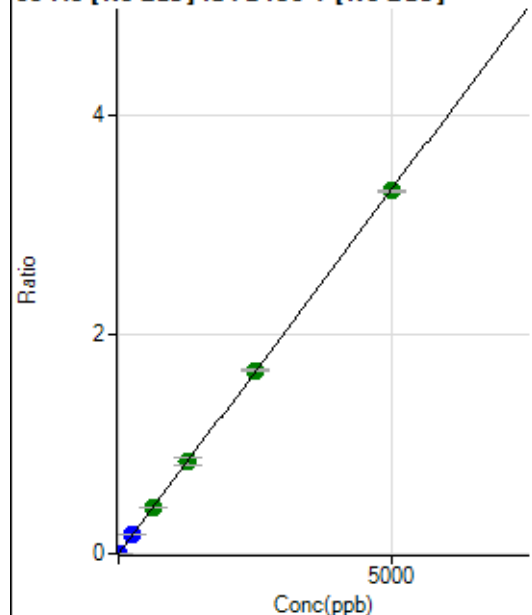
$$DL = 0.02575$$

$$BEC = 0.04364$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	183.34	0.0000	P	21.7
2	☐	0.500					
3	☐	5.000	4.847	63868.58	0.0032	P	1.0
4	☐	250.000	256.678	3307992.28	0.1702	P	1.2
5	☐	625.000	630.376	7972461.46	0.4179	A	0.5
6	☐	1250.000	1274.016	15979033.87	0.8446	A	9.2
7	☐	2500.000	2521.120	32040933.70	1.6714	A	0.8
8	☐	5000.000	4982.430	63533747.95	3.3031	A	0.5
9	☐			46100.50	0.0026	P	0.9

$$y = 6.6295E-004 * x + 9.0525E-006$$

$$R = 1.0000$$

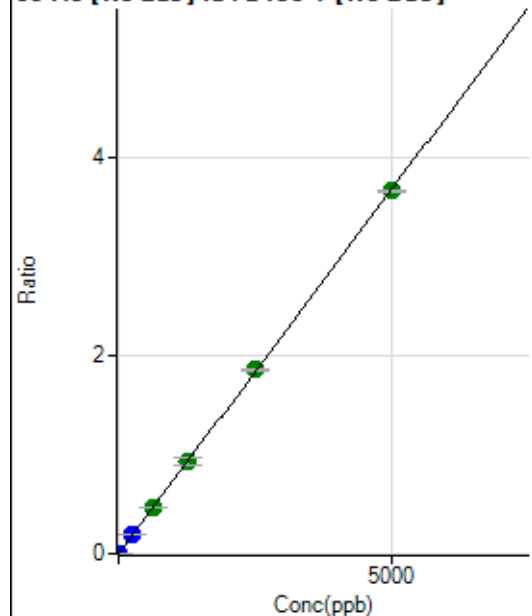
$$DL = 0.008886$$

$$BEC = 0.01365$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	283.35	0.0000	P	22.3
2	☐	0.500					
3	☐	5.000	4.839	70639.07	0.0036	P	1.8
4	☐	250.000	256.293	3655076.99	0.1880	P	0.7
5	☐	625.000	629.351	8807415.04	0.4617	A	0.7
6	☐	1250.000	1271.528	17643553.69	0.9328	A	9.5
7	☐	2500.000	2522.313	35471134.82	1.8503	A	0.7
8	☐	5000.000	4982.603	70304397.40	3.6551	A	0.6
9	☐			62169.86	0.0035	P	5.2

$$y = 7.3357E-004 * x + 1.3995E-005$$

$$R = 1.0000$$

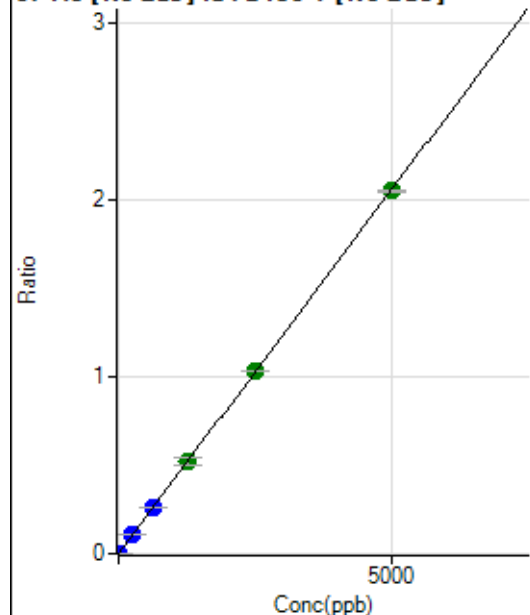
$$DL = 0.01276$$

$$BEC = 0.01908$$

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	130.56	0.0000	P	14.2
2	☐	0.500					
3	☐	5.000	4.824	39494.47	0.0020	P	0.3
4	☐	250.000	256.314	2051294.32	0.1055	P	0.7
5	☐	625.000	636.323	4997292.73	0.2620	P	1.2
6	☐	1250.000	1268.718	9880187.89	0.5223	A	9.3
7	☐	2500.000	2516.981	19863805.31	1.0362	A	0.2
8	☐	5000.000	4985.099	39472843.94	2.0522	A	0.7
9	☐			26228.03	0.0015	P	5.9

$$y = 4.1167\text{E-}004 * x + 6.4621\text{E-}006$$

$$R = 1.0000$$

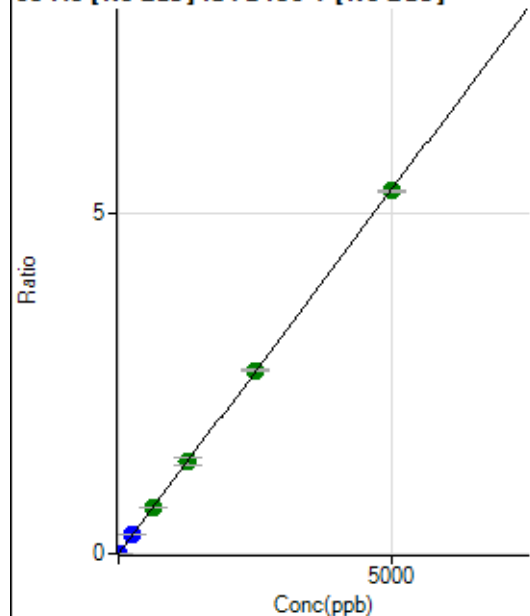
$$DL = 0.0067$$

$$BEC = 0.0157$$

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	294.46	0.0000	P	15.5
2	☐	0.500					
3	☐	5.000	4.850	103331.49	0.0052	P	0.6
4	☐	250.000	256.104	5335927.77	0.2745	P	0.9
5	☐	625.000	626.880	12816638.74	0.6719	A	0.9
6	☐	1250.000	1267.556	25691578.70	1.3585	A	9.8
7	☐	2500.000	2520.554	51787771.30	2.7014	A	0.2
8	☐	5000.000	4984.794	102757757.16	5.3425	A	0.8
9	☐			63646.25	0.0036	P	6.5

$$y = 0.0011 * x + 1.4546\text{E-}005$$

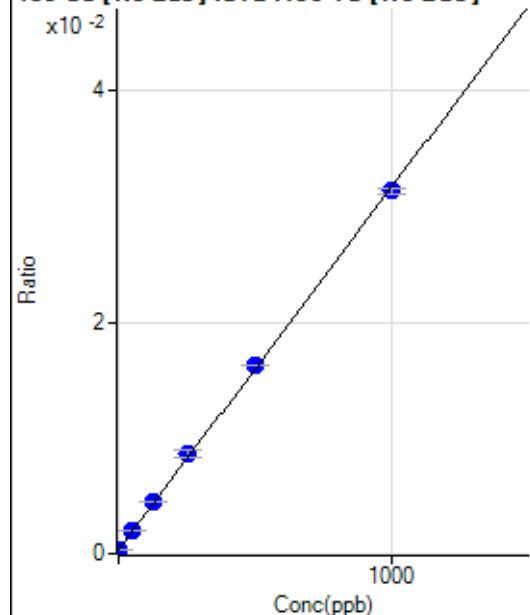
$$R = 1.0000$$

$$DL = 0.006321$$

$$BEC = 0.01357$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8705.80	0.0003	P	3.8
2	☐	0.100					
3	☐	1.000	0.995	9350.68	0.0004	P	3.3
4	☐	50.000	55.371	53487.77	0.0021	P	0.7
5	☐	125.000	133.029	115422.85	0.0045	P	1.2
6	☐	250.000	265.554	221122.92	0.0086	P	9.4
7	☐	500.000	509.221	424953.28	0.0163	P	0.9
8	☐	1000.000	990.229	813922.61	0.0313	P	1.2
9	☐			8416.76	0.0004	P	4.4

$$y = 3.1303\text{E-}005 * x + 3.2681\text{E-}004$$

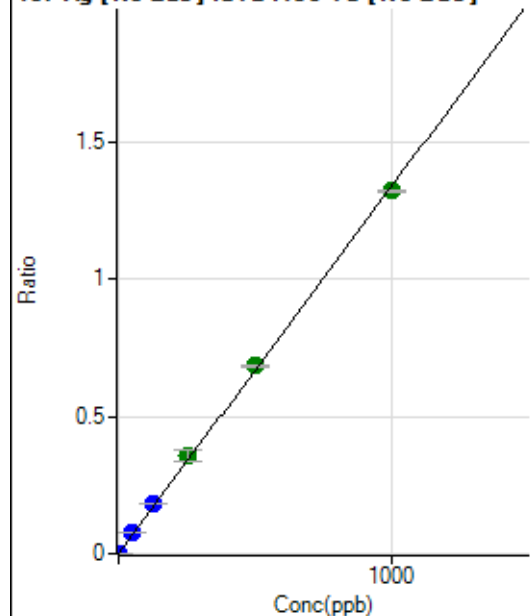
$$R = 0.9998$$

$$DL = 1.19$$

$$BEC = 10.44$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	327.80	0.0000	P	14.5
2	☐	0.100					
3	☐	1.000	1.063	37514.61	0.0014	P	0.8
4	☐	50.000	56.240	1955121.85	0.0753	P	0.6
5	☐	125.000	136.396	4693171.07	0.1826	P	1.4
6	☐	250.000	267.083	9146688.66	0.3576	A	10.3
7	☐	500.000	512.077	17908469.32	0.6855	A	0.9
8	☐	1000.000	987.954	34366385.49	1.3226	A	0.9
9	☐			5409.60	0.0002	P	10.1

$$y = 0.0013 * x + 1.2312\text{E-}005$$

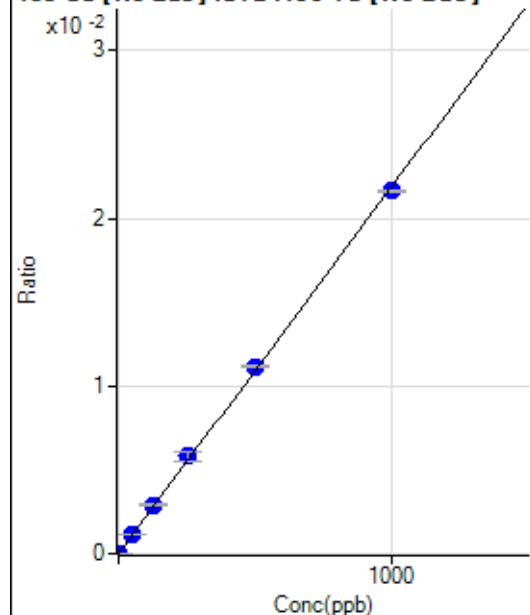
$$R = 0.9997$$

$$DL = 0.003997$$

$$BEC = 0.009197$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.05	0.0000	P	27.1
2	☐	0.100					
3	☐	1.000	0.939	554.19	0.0000	P	3.1
4	☐	50.000	54.774	31108.10	0.0012	P	0.8
5	☐	125.000	133.362	74945.75	0.0029	P	1.0
6	☐	250.000	265.951	148775.84	0.0058	P	9.9
7	☐	500.000	510.615	291625.82	0.0112	P	0.3
8	☐	1000.000	989.421	562043.50	0.0216	P	0.7
9	☐			133.34	0.0000	P	23.4

$$y = 2.1861\text{E-}005 * x + 6.7849\text{E-}007$$

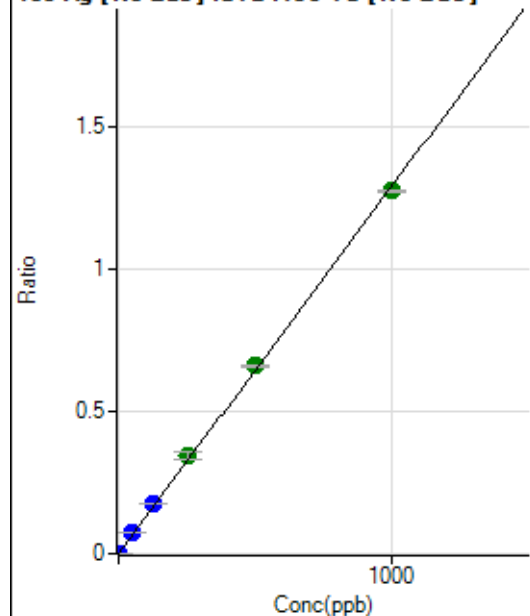
$$R = 0.9998$$

$$DL = 0.02522$$

$$BEC = 0.03104$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211.12	0.0000	P	13.6
2	☐	0.100					
3	☐	1.000	1.055	35807.54	0.0014	P	2.4
4	☐	50.000	55.854	1872868.10	0.0721	P	0.5
5	☐	125.000	136.142	4518421.93	0.1758	P	0.6
6	☐	250.000	267.306	8836644.03	0.3452	A	9.0
7	☐	500.000	511.131	17242580.25	0.6600	A	0.4
8	☐	1000.000	988.422	33165965.67	1.2763	A	0.2
9	☐			5228.97	0.0002	P	15.4

$$y = 0.0013 * x + 7.9241\text{E-}006$$

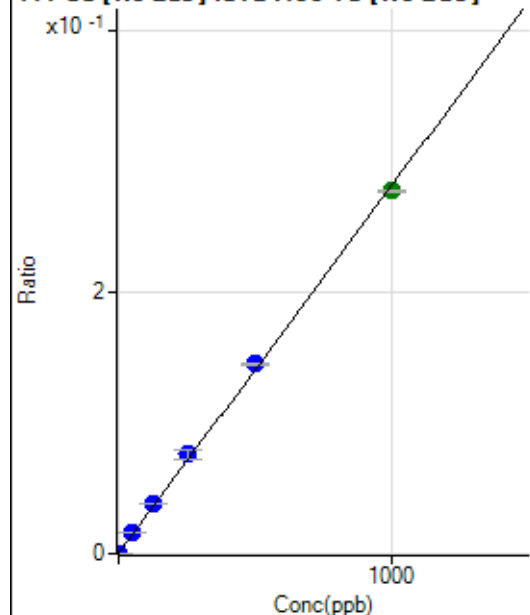
$$R = 0.9997$$

$$DL = 0.002497$$

$$BEC = 0.006137$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6123.09	0.0002	P	4.0
2	☐	0.100					
3	☐	1.000	1.018	13480.41	0.0005	P	2.9
4	☐	50.000	55.736	412918.92	0.0159	P	0.6
5	☐	125.000	135.416	984616.74	0.0383	P	0.6
6	☐	250.000	268.813	1939757.60	0.0758	P	10.2
7	☐	500.000	514.983	3789341.11	0.1450	P	0.6
8	☐	1000.000	986.217	7212484.29	0.2776	A	0.6
9	☐			7134.61	0.0003	P	3.3

$$y = 2.8121E-004 * x + 2.2985E-004$$

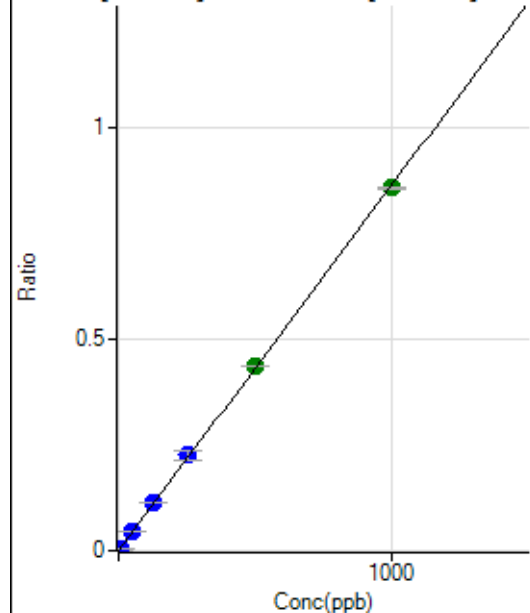
$$R = 0.9996$$

$$DL = 0.0978$$

$$BEC = 0.8174$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1327.91	0.0000	P	2.5
2	☐	0.500					
3	☐	5.000	4.954	112996.21	0.0043	P	0.4
4	☐	50.000	52.847	1185567.41	0.0457	P	0.5
5	☐	125.000	130.133	2887932.88	0.1124	P	1.2
6	☐	250.000	261.670	5780076.00	0.2259	P	9.9
7	☐	500.000	506.482	11421213.19	0.4372	A	0.4
8	☐	1000.000	993.058	22272984.00	0.8571	A	0.5
9	☐			22627.27	0.0009	P	1.7

$$y = 8.6308E-004 * x + 4.9858E-005$$

$$R = 0.9999$$

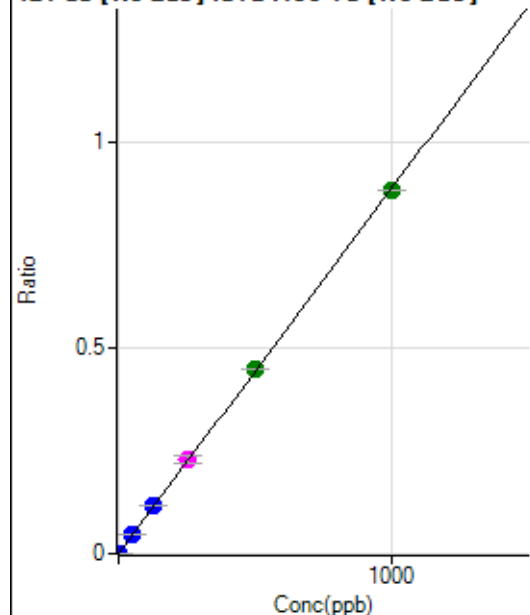
$$DL = 0.004353$$

$$BEC = 0.05777$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	213.90	0.0000	P	9.6
2	☐	0.200					
3	☐	2.000	1.925	44923.14	0.0017	P	1.4
4	☐	50.000	53.256	1229601.83	0.0474	P	0.7
5	☐	125.000	131.026	2994238.37	0.1165	P	0.8
6	☐	250.000	259.606	5909359.03	0.2308	M	9.0
7	☐	500.000	505.647	11744877.69	0.4496	A	0.5
8	☐	1000.000	993.859	22961304.33	0.8836	A	0.1
9	☐			26367.29	0.0011	P	2.2

$$y = 8.8909\text{E-}004 * x + 8.0299\text{E-}006$$

$$R = 0.9999$$

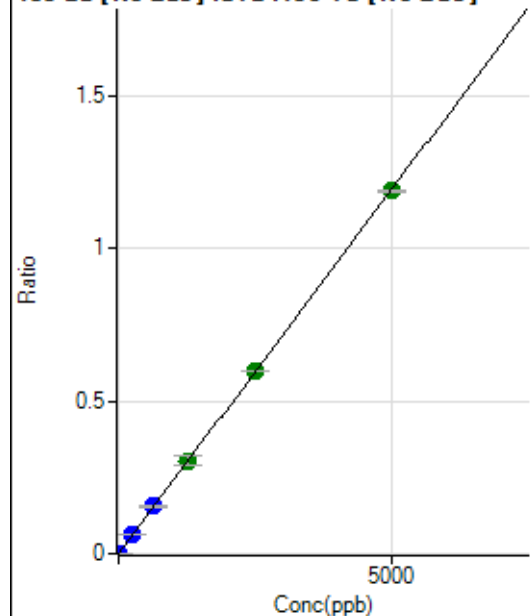
$$DL = 0.002598$$

$$BEC = 0.009032$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	163.90	0.0000	P	3.5
2	☐	1.000					
3	☐	10.000	9.760	60939.73	0.0023	P	1.3
4	☐	250.000	260.646	1613361.95	0.0621	P	0.5
5	☐	625.000	647.502	3967112.37	0.1544	P	0.8
6	☐	1250.000	1276.906	7790640.45	0.3044	A	9.4
7	☐	2500.000	2513.967	15655903.82	0.5993	A	0.5
8	☐	5000.000	4982.945	30865114.92	1.1878	A	0.6
9	☐			6223.88	0.0003	P	6.6

$$y = 2.3838\text{E-}004 * x + 6.1542\text{E-}006$$

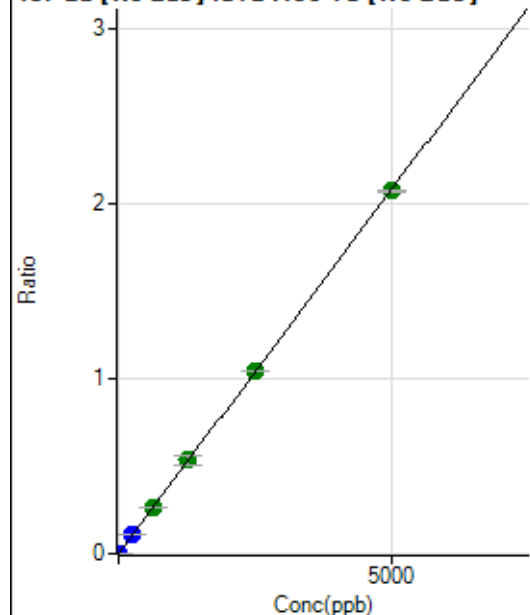
$$R = 1.0000$$

$$DL = 0.002718$$

$$BEC = 0.02582$$

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	255.57	0.0000	P	15.1
2	☐	1.000					
3	☐	10.000	9.667	105442.83	0.0040	P	0.4
4	☐	250.000	261.873	2832466.71	0.1091	P	0.1
5	☐	625.000	634.518	6793087.57	0.2643	A	0.1
6	☐	1250.000	1281.163	13660684.51	0.5337	A	9.2
7	☐	2500.000	2516.050	27379700.96	1.0480	A	0.3
8	☐	5000.000	4982.402	53928567.18	2.0754	A	0.7
9	☐			10596.14	0.0004	P	8.8

$$y = 4.1654E-004 * x + 9.5989E-006$$

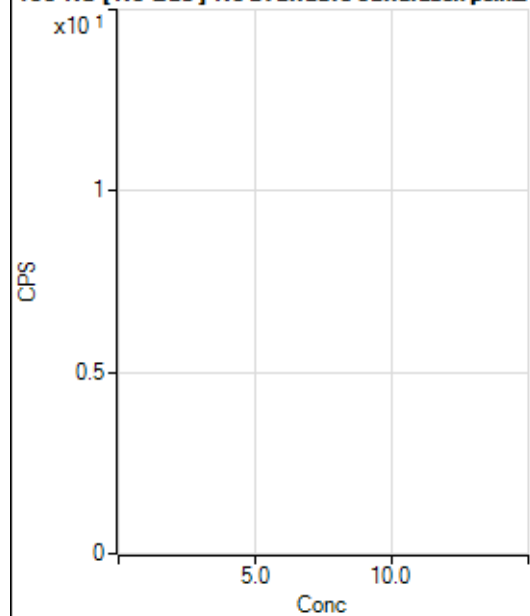
$$R = 1.0000$$

$$DL = 0.01045$$

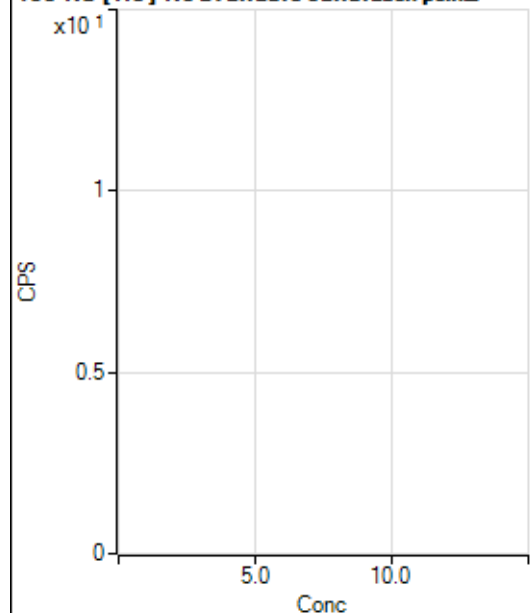
$$BEC = 0.02304$$

Weight: <None>

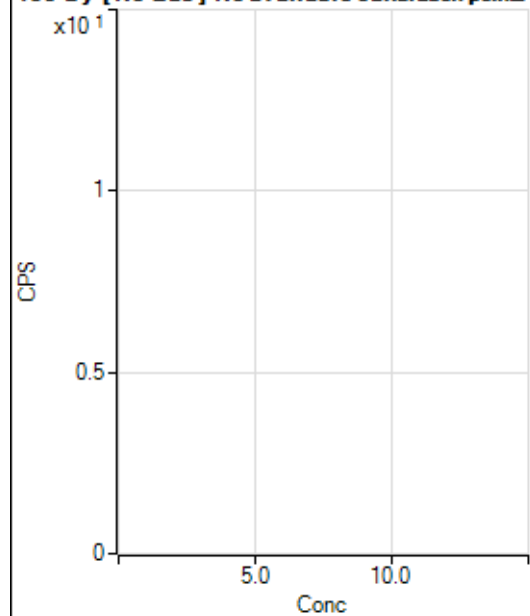
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

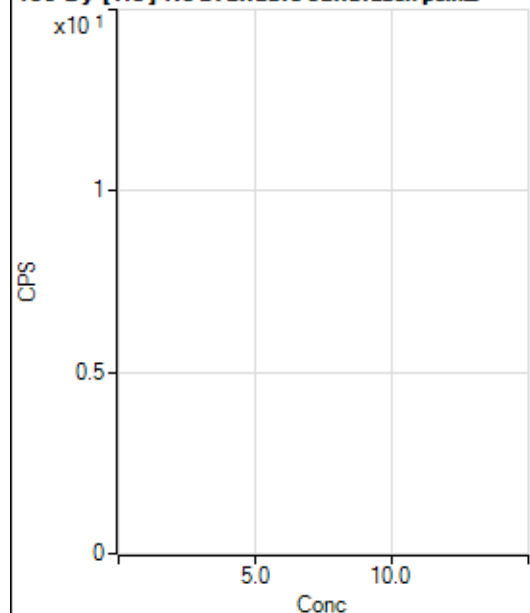
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	114.
2	☐						
3	☐			11.11		P	91.7
4	☐			126.67		P	9.1
5	☐			364.46		P	9.2
6	☐			717.82		P	7.0
7	☐			1351.23		P	7.8
8	☐			2607.03		P	2.0
9	☐			451.14		P	4.5

150 Nd [He] No available calibration points

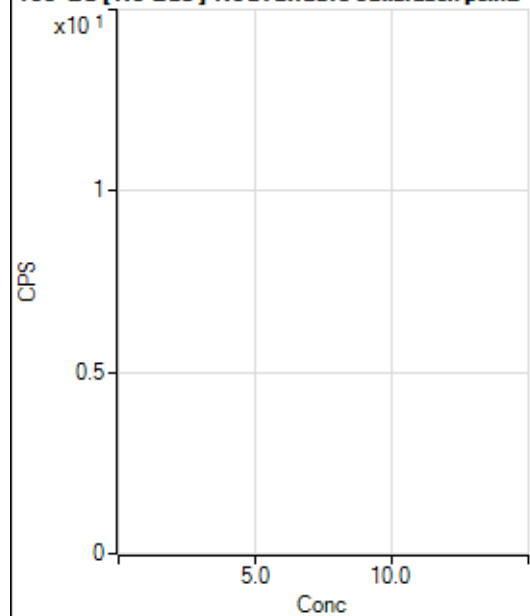
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			2.22		P	86.6
4	☐			11.11		P	62.5
5	☐			24.44		P	20.8
6	☐			62.22		P	39.5
7	☐			123.34		P	14.0
8	☐			235.56		P	12.8
9	☐			174.45		P	16.0

156 Dy [No Gas] No available calibration points

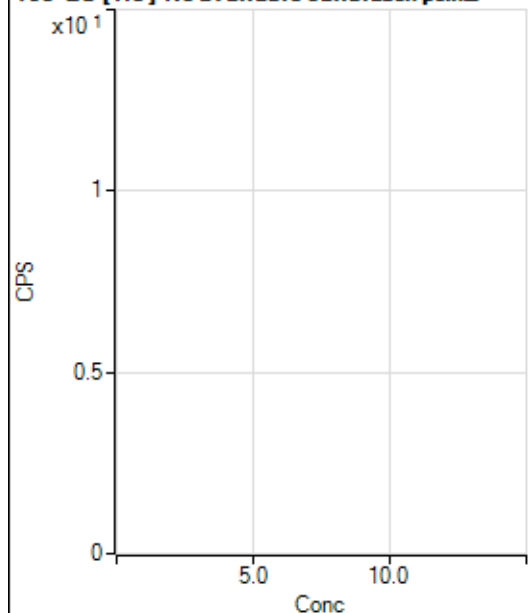
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			8.33		P	0.0
4	☐			55.56		P	17.3
5	☐			86.12		P	34.0
6	☐			166.67		P	35.0
7	☐			277.79		P	9.2
8	☐			488.92		P	9.4
9	☐			261.12		P	15.7

156 Dy [He] No available calibration points

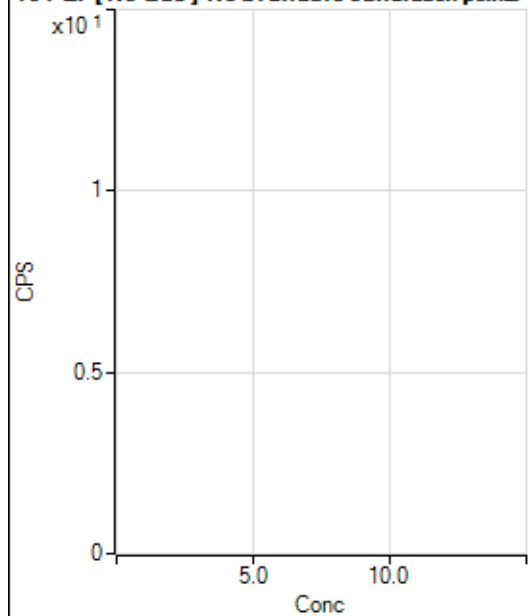
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			2.22		P	173.
4	☐			30.00		P	48.4
5	☐			46.67		P	46.8
6	☐			116.67		P	13.1
7	☐			221.12		P	3.8
8	☐			408.90		P	3.3
9	☐			116.67		P	24.4

160 Gd [No Gas] Noavailable calibration poin_

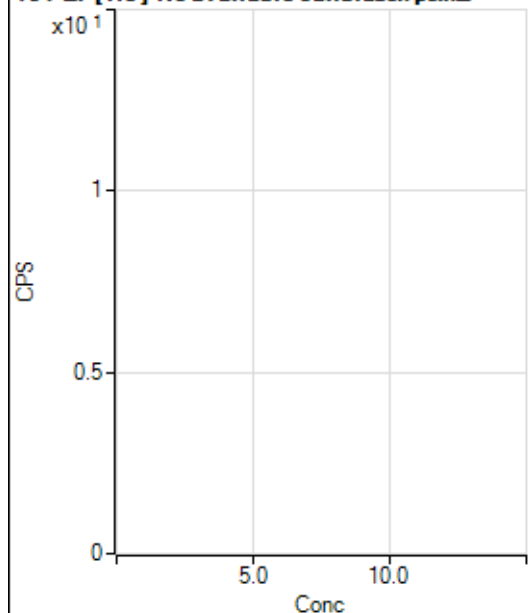
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			155.57		P	29.5
2	☐						
3	☐			150.01		P	43.4
4	☐			155.56		P	31.4
5	☐			152.78		P	11.4
6	☐			191.68		P	31.4
7	☐			250.01		P	17.3
8	☐			263.90		P	20.5
9	☐			322.24		P	4.0

160 Gd [He] No available calibration points

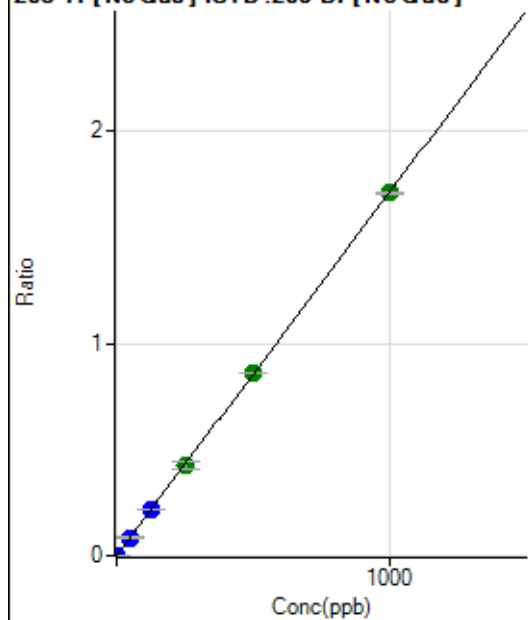
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			354.46		P	7.8
2	☐						
3	☐			318.90		P	18.4
4	☐			308.90		P	9.2
5	☐			283.34		P	12.7
6	☐			341.12		P	13.2
7	☐			342.23		P	13.5
8	☐			344.46		P	6.1
9	☐			388.90		P	5.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.78		P	40.8
2	☐						
3	☐			75.00		P	57.7
4	☐			69.45		P	18.3
5	☐			91.67		P	15.7
6	☐			127.79		P	27.2
7	☐			102.78		P	16.9
8	☐			108.34		P	61.1
9	☐			133.34		P	16.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			31.11		P	43.3
2	☐						
3	☐			26.67		P	33.1
4	☐			40.00		P	33.3
5	☐			38.89		P	57.1
6	☐			54.45		P	12.7
7	☐			40.00		P	16.7
8	☐			58.89		P	21.4
9	☐			58.89		P	11.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1158.43	0.0001	P	4.9
2	☐	0.100					
3	☐	1.000	0.899	28481.41	0.0016	P	1.4
4	☐	50.000	50.085	1501334.83	0.0858	P	1.1
5	☐	125.000	125.142	3691703.34	0.2143	P	0.7
6	☐	250.000	250.076	7237547.21	0.4282	A	9.4
7	☐	500.000	502.750	14271832.26	0.8607	A	0.8
8	☐	1000.000	998.584	27605230.48	1.7096	A	0.7
9	☐			7633.11	0.0006	P	6.7

$$y = 0.0017 * x + 6.4003E-005$$

$$R = 1.0000$$

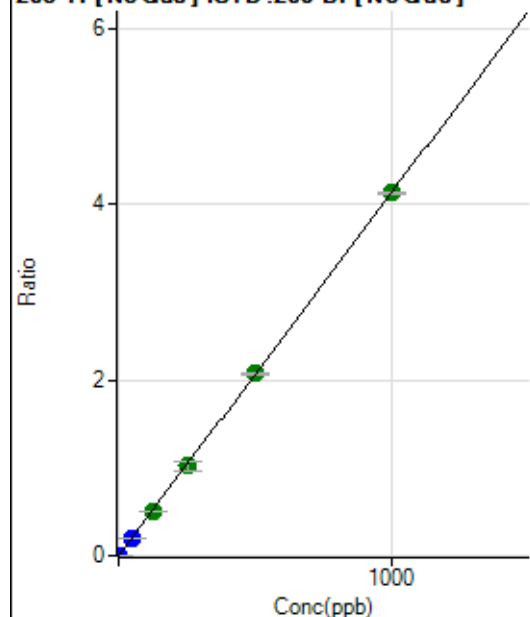
$$DL = 0.005445$$

$$BEC = 0.03739$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2992.15	0.0002	P	8.4
2	☐	0.100					
3	☐	1.000	0.886	67873.53	0.0038	P	0.9
4	☐	50.000	49.904	3605645.13	0.2061	P	1.1
5	☐	125.000	121.496	8638756.61	0.5015	A	0.3
6	☐	250.000	247.547	17265678.34	1.0216	A	9.5
7	☐	500.000	502.349	34370423.69	2.0729	A	0.8
8	☐	1000.000	999.881	66620107.05	4.1258	A	0.6
9	☐			18082.48	0.0014	P	6.4

$$y = 0.0041 * x + 1.6540E-004$$

$$R = 1.0000$$

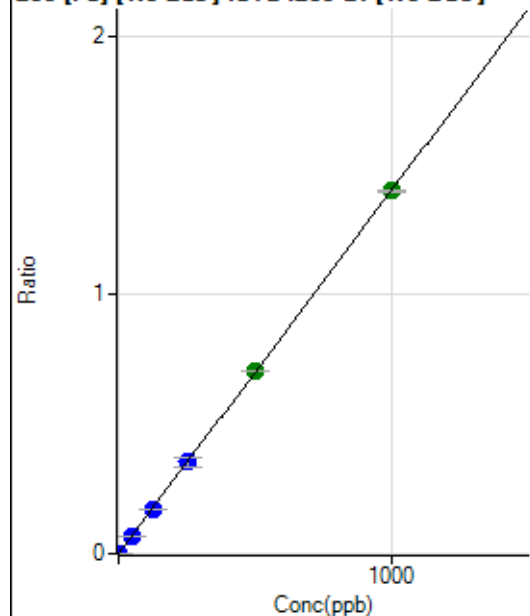
$$DL = 0.01012$$

$$BEC = 0.04009$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2009.48	0.0001	P	4.6
2	☐	0.100					
3	☐	1.000	0.918	24864.45	0.0014	P	2.4
4	☐	50.000	49.964	1228061.50	0.0702	P	0.6
5	☐	125.000	123.451	2984568.06	0.1733	P	0.9
6	☐	250.000	251.456	5960695.21	0.3528	P	10.0
7	☐	500.000	501.869	11672650.61	0.7040	A	0.4
8	☐	1000.000	998.897	22623825.51	1.4011	A	0.4
9	☐			23970.16	0.0018	P	1.5

$$y = 0.0014 * x + 1.1104E-004$$

$$R = 1.0000$$

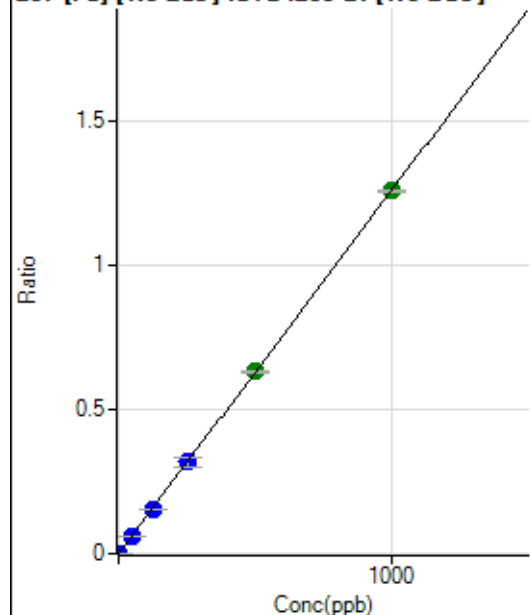
$$DL = 0.01096$$

$$BEC = 0.07917$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1881.68	0.0001	P	4.5
2	☐	0.100					
3	☐	1.000	0.892	21820.24	0.0012	P	2.1
4	☐	50.000	49.861	1101337.49	0.0629	P	0.7
5	☐	125.000	123.237	2677386.84	0.1554	P	1.3
6	☐	250.000	252.110	5370120.66	0.3178	P	10.1
7	☐	500.000	500.743	10465551.97	0.6312	A	1.0
8	☐	1000.000	999.328	20338935.17	1.2596	A	0.5
9	☐			20492.31	0.0016	P	1.3

$$y = 0.0013 * x + 1.0397E-004$$

$$R = 1.0000$$

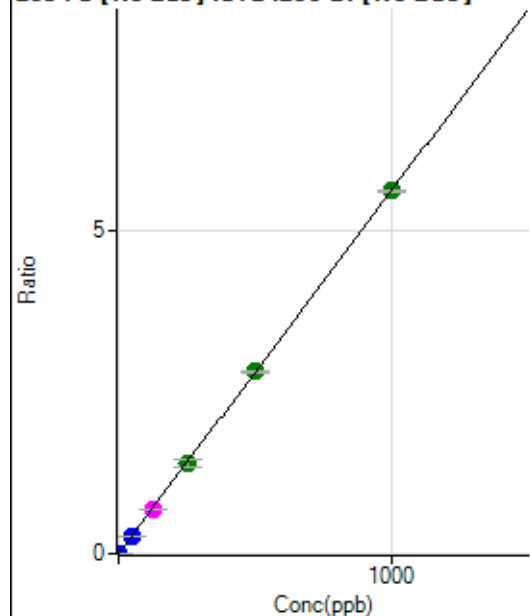
$$DL = 0.01104$$

$$BEC = 0.08249$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8303.12	0.0005	P	4.4
2	☐	0.100					
3	☐	1.000	0.903	98510.29	0.0055	P	0.7
4	☐	50.000	50.026	4935111.60	0.2821	P	0.7
5	☐	125.000	123.853	12017791.96	0.6976	M	0.7
6	☐	250.000	249.984	23790673.33	1.4076	A	9.5
7	☐	500.000	501.566	46820085.30	2.8238	A	0.8
8	☐	1000.000	999.363	90843652.49	5.6259	A	0.4
9	☐			93464.54	0.0072	P	0.7

$$y = 0.0056 * x + 4.5875E-004$$

$$R = 1.0000$$

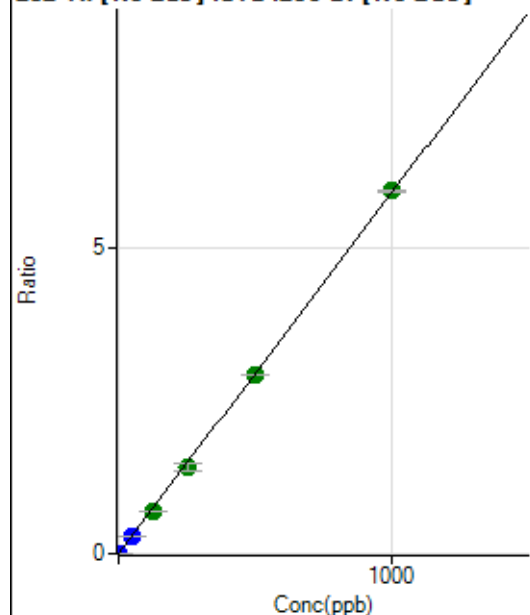
$$DL = 0.01068$$

$$BEC = 0.0815$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	401.87	0.0000	P	17.0
2	☐	0.100					
3	☐	1.000	0.827	87311.37	0.0049	P	0.7
4	☐	50.000	47.875	4955881.13	0.2832	P	0.3
5	☐	125.000	117.668	11991915.32	0.6961	A	0.8
6	☐	250.000	241.727	24174528.78	1.4300	A	9.1
7	☐	500.000	494.534	48508014.97	2.9256	A	0.4
8	☐	1000.000	1005.824	96080263.26	5.9502	A	0.8
9	☐			15778.70	0.0012	P	15.1

$$y = 0.0059 * x + 2.2202E-005$$

$$R = 0.9999$$

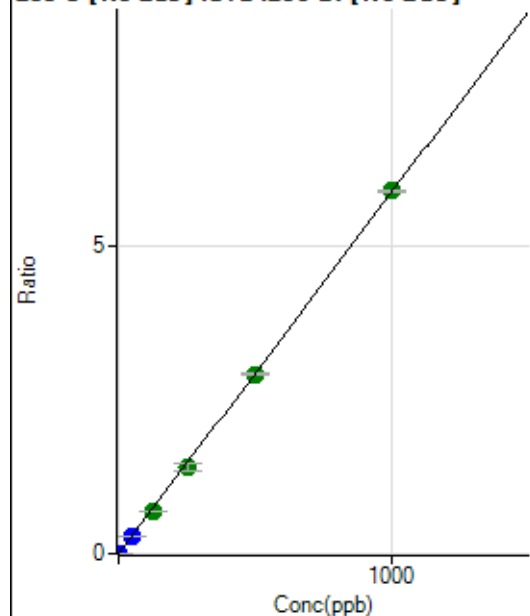
$$DL = 0.001913$$

$$BEC = 0.003753$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.57	0.0000	P	21.7
2	☐	0.100					
3	☐	1.000	0.828	86379.00	0.0049	P	0.7
4	☐	50.000	47.877	4911739.56	0.2807	P	0.7
5	☐	125.000	117.310	11849011.90	0.6878	A	0.5
6	☐	250.000	241.623	23947728.49	1.4167	A	9.2
7	☐	500.000	497.075	48323360.11	2.9144	A	0.6
8	☐	1000.000	1004.624	95115264.63	5.8903	A	0.4
9	☐			11778.23	0.0009	P	10.0

$$y = 0.0059 * x + 8.5964E-006$$

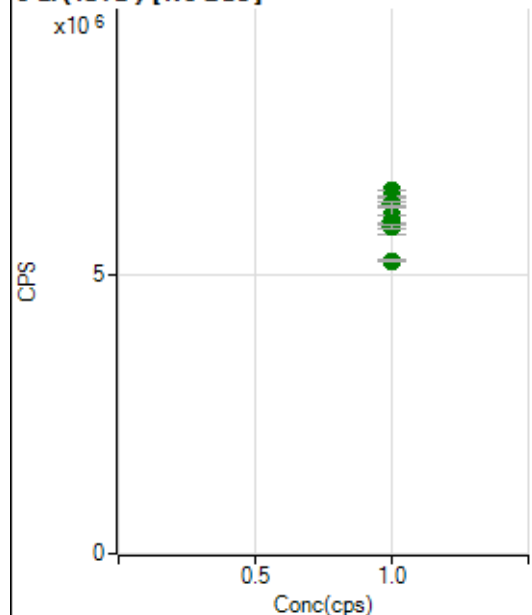
$$R = 0.9999$$

$$DL = 0.0009544$$

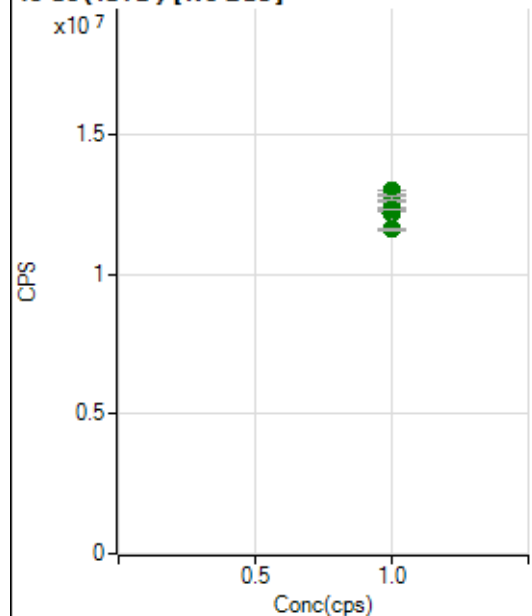
$$BEC = 0.001466$$

Weight: <None>

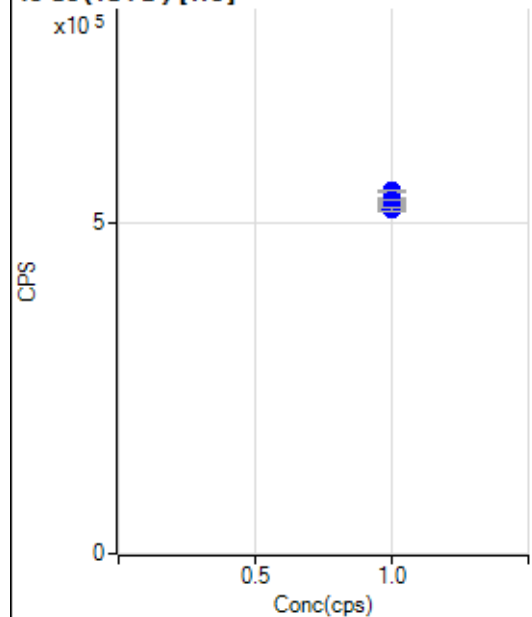
Min Conc: 0

6 Li (ISTD) [No Gas]

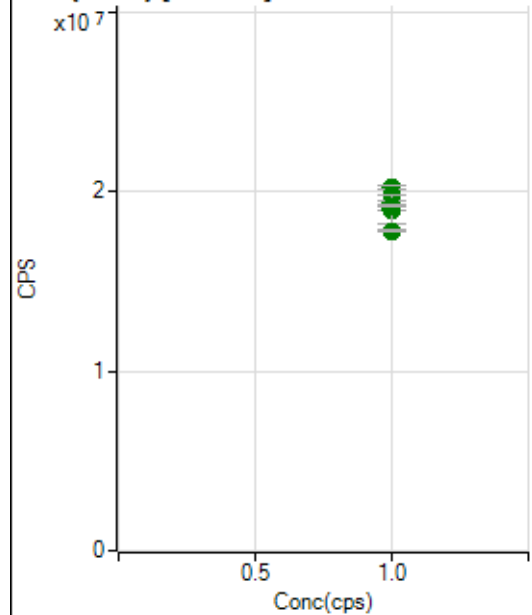
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6512835.49		A	0.1
2	☐	1.000					
3	☐	1.000		6412279.94		A	0.4
4	☐	1.000		6282794.35		A	0.6
5	☐	1.000		6070604.75		A	0.1
6	☐	1.000		5971222.45		A	8.4
7	☐	1.000		5923671.32		A	0.2
8	☐	1.000		5870056.45		A	0.9
9	☐	1.000		5253955.45		A	0.4

45 Sc (ISTD) [No Gas]

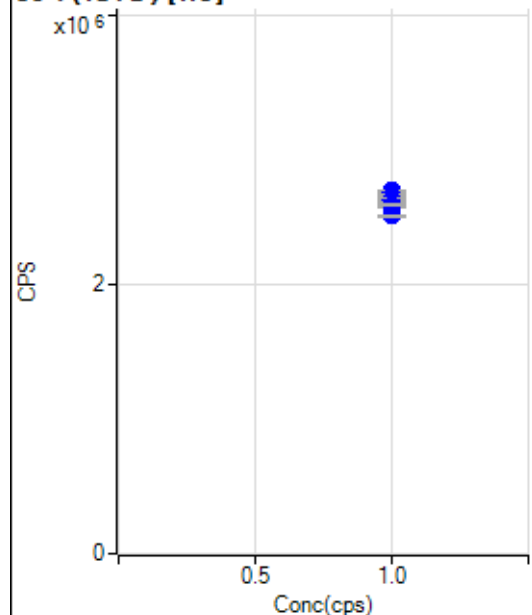
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12997501.68		A	0.2
2	☐	1.000					
3	☐	1.000		12873617.48		A	0.4
4	☐	1.000		12623240.39		A	0.7
5	☐	1.000		12328423.45		A	0.3
6	☐	1.000		12203983.95		A	10.3
7	☐	1.000		12326450.45		A	0.7
8	☐	1.000		12329020.15		A	0.3
9	☐	1.000		11628272.31		A	0.4

45 Sc (ISTD) [He]

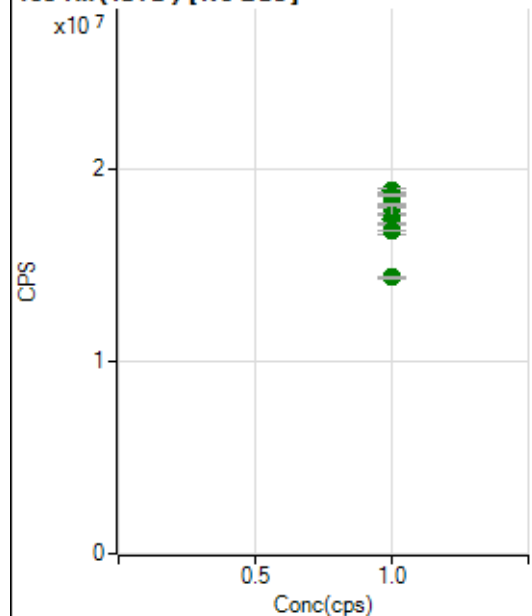
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		549027.09		P	0.3
2	☐	1.000					
3	☐	1.000		547172.14		P	0.5
4	☐	1.000		535696.75		P	0.9
5	☐	1.000		522432.45		P	0.2
6	☐	1.000		520494.12		P	0.2
7	☐	1.000		528796.05		P	0.7
8	☐	1.000		534848.61		P	0.2
9	☐	1.000		520255.34		P	1.2

89 Y (ISTD) [No Gas]

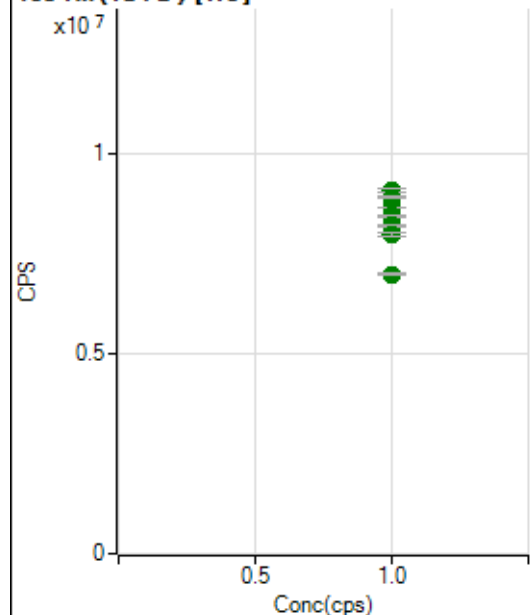
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20222571.78		A	1.1
2	☐	1.000					
3	☐	1.000		19822152.34		A	0.2
4	☐	1.000		19440253.46		A	1.0
5	☐	1.000		19076763.33		A	0.7
6	☐	1.000		19022141.38		A	8.9
7	☐	1.000		19170517.35		A	0.4
8	☐	1.000		19234867.49		A	0.7
9	☐	1.000		17832570.29		A	0.5

89 Y(ISTD) [He]

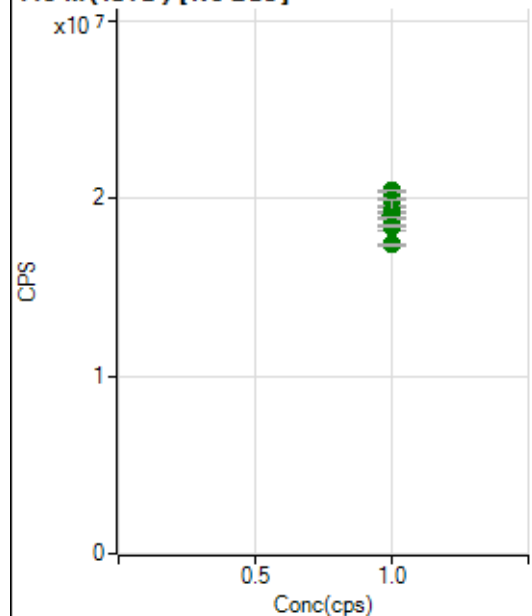
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2696766.04		P	0.4
2	☐	1.000					
3	☐	1.000		2687137.15		P	1.0
4	☐	1.000		2660861.18		P	0.7
5	☐	1.000		2615219.11		P	0.6
6	☐	1.000		2580103.73		P	0.4
7	☐	1.000		2629184.91		P	0.6
8	☐	1.000		2589930.24		P	0.4
9	☐	1.000		2511221.42		P	0.8

103 Rh(ISTD) [No Gas]

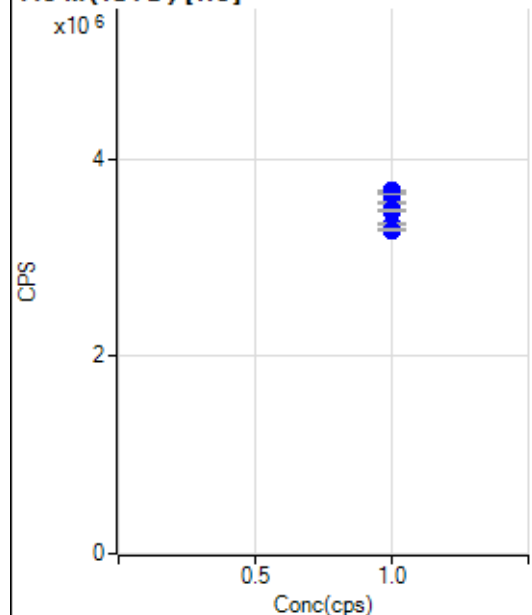
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18861620.56		A	0.9
2	☐	1.000					
3	☐	1.000		18637187.05		A	0.3
4	☐	1.000		18076996.24		A	1.2
5	☐	1.000		17624041.54		A	0.6
6	☐	1.000		17375881.29		A	8.8
7	☐	1.000		17168647.61		A	0.4
8	☐	1.000		16818536.32		A	0.2
9	☐	1.000		14375039.56		A	0.8

103 Rh (ISTD) [He]

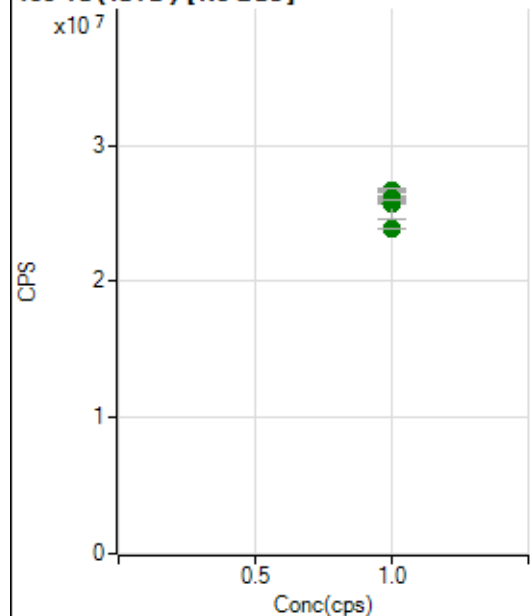
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9054139.31		A	1.1
2	☐	1.000					
3	☐	1.000		8892699.31		A	0.4
4	☐	1.000		8637614.45		A	0.2
5	☐	1.000		8431547.72		A	0.5
6	☐	1.000		8206954.25		A	0.5
7	☐	1.000		8184252.10		A	0.3
8	☐	1.000		7967106.90		A	0.6
9	☐	1.000		6979534.69		A	0.6

115 In (ISTD) [No Gas]

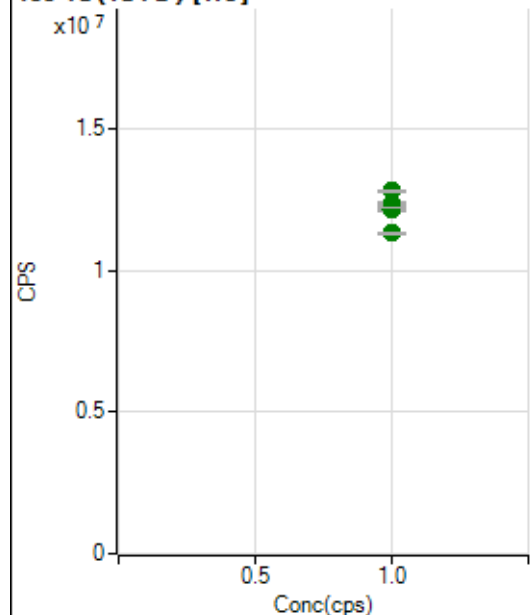
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		20410606.08		A	0.7
2	☐	1.000					
3	☐	1.000		19950663.94		A	0.2
4	☐	1.000		19572995.00		A	0.5
5	☐	1.000		19204808.75		A	0.2
6	☐	1.000		19067287.13		A	9.1
7	☐	1.000		18895160.41		A	0.2
8	☐	1.000		18414108.40		A	0.5
9	☐	1.000		17363949.72		A	0.6

115 In (ISTD) [He]

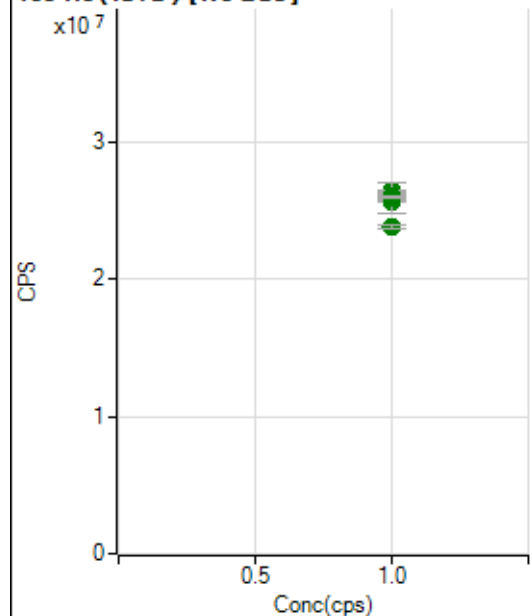
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3667656.80		P	0.4
2	☐	1.000					
3	☐	1.000		3674816.36		P	0.5
4	☐	1.000		3643445.98		P	0.3
5	☐	1.000		3549286.31		P	0.5
6	☐	1.000		3479893.50		P	0.1
7	☐	1.000		3474357.06		P	0.5
8	☐	1.000		3339230.35		P	0.4
9	☐	1.000		3273756.16		P	0.5

159 Tb (ISTD) [No Gas]

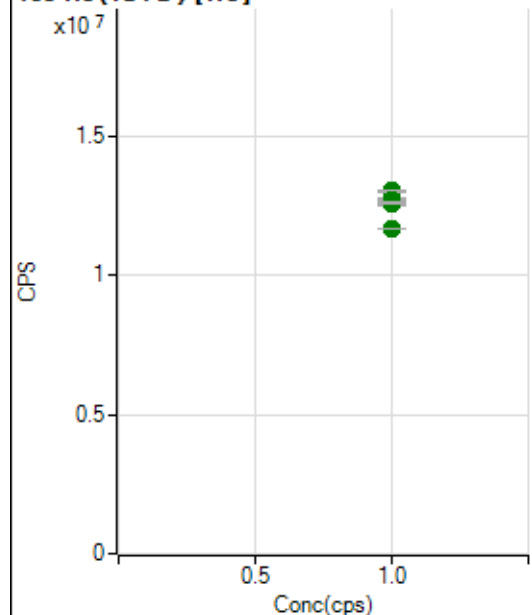
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		26635394.05		A	0.7
2	☐	1.000					
3	☐	1.000		26123892.11		A	0.5
4	☐	1.000		25964617.95		A	0.5
5	☐	1.000		25701076.28		A	0.1
6	☐	1.000		25736861.56		A	8.8
7	☐	1.000		26124435.72		A	0.4
8	☐	1.000		25985029.89		A	0.4
9	☐	1.000		23867555.75		A	0.3

159 Tb (ISTD) [He]

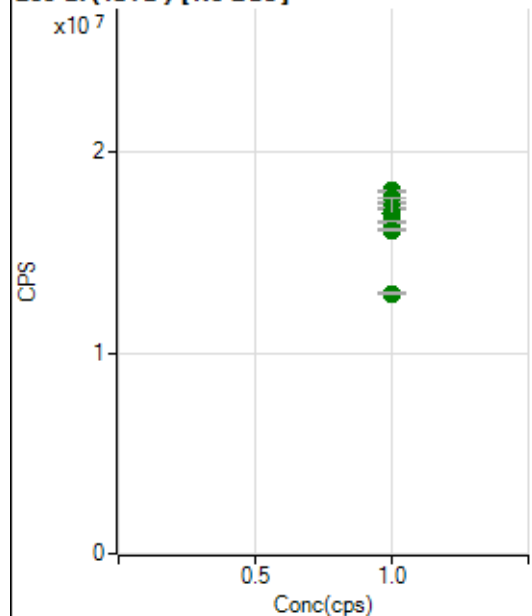
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12826787.72		A	0.5
2	☐	1.000					
3	☐	1.000		12403296.90		A	0.6
4	☐	1.000		12323935.79		A	0.3
5	☐	1.000		12209775.93		A	0.9
6	☐	1.000		12163151.07		A	0.8
7	☐	1.000		12252701.62		A	0.4
8	☐	1.000		12228447.73		A	0.2
9	☐	1.000		11329713.86		A	0.7

165 Ho (ISTD) [No Gas]

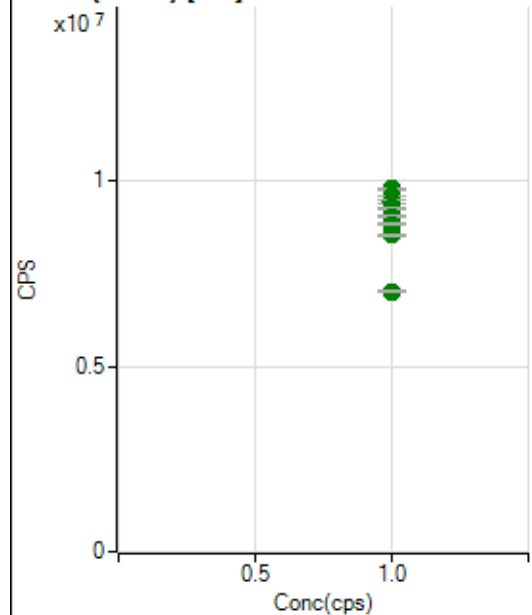
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		26395837.22		A	0.3
2	☐	1.000					
3	☐	1.000		26063822.81		A	0.4
4	☐	1.000		25807859.61		A	0.5
5	☐	1.000		25622233.21		A	0.3
6	☐	1.000		25870952.49		A	9.0
7	☐	1.000		26010556.66		A	0.2
8	☐	1.000		25935090.51		A	0.2
9	☐	1.000		23785311.12		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13039051.47		A	0.8
2	☐	1.000					
3	☐	1.000		12735891.62		A	0.3
4	☐	1.000		12670334.67		A	0.4
5	☐	1.000		12620708.15		A	0.5
6	☐	1.000		12553145.92		A	0.5
7	☐	1.000		12650208.28		A	0.5
8	☐	1.000		12624153.28		A	0.3
9	☐	1.000		11682918.72		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18096441.54		A	0.6
2	☐	1.000					
3	☐	1.000		17770445.71		A	0.1
4	☐	1.000		17497193.49		A	0.4
5	☐	1.000		17226946.55		A	0.3
6	☐	1.000		16997313.22		A	8.9
7	☐	1.000		16580886.14		A	0.4
8	☐	1.000		16147605.73		A	0.5
9	☐	1.000		12972921.61		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9795041.04		A	0.3
2	☐	1.000					
3	☐	1.000		9602209.30		A	0.4
4	☐	1.000		9455435.07		A	0.8
5	☐	1.000		9268357.99		A	0.3
6	☐	1.000		9045701.95		A	0.5
7	☐	1.000		8841660.43		A	0.5
8	☐	1.000		8547008.69		A	0.4
9	☐	1.000		7016540.73		A	0.6

US EPA Tune Check Sample Report

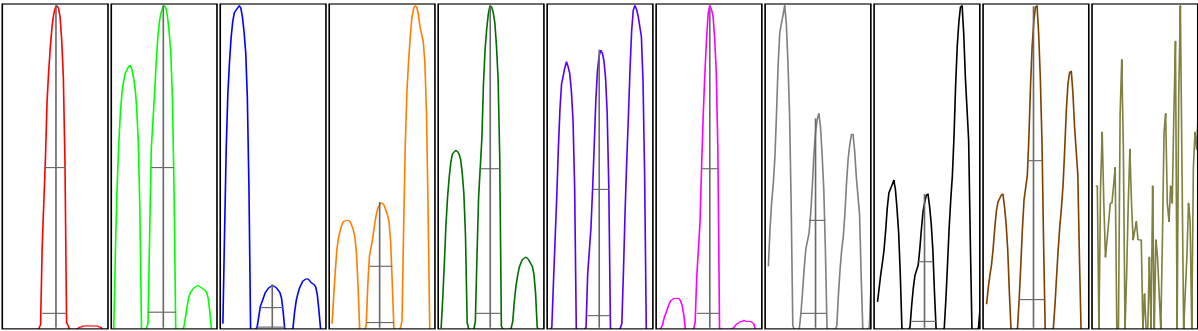
Batch Folder D:\ICP-MS Data\P7011719MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	29511	0.17	5.00	
24	296650	0.43	5.00	
25	39652	0.42	5.00	
26	45770	0.53	5.00	
59	245433	0.27	5.00	
113	29478	0.59	5.00	
115	350728	0.35	5.00	
206	83824	0.42	5.00	
207	78357	0.48	5.00	
208	185046	0.37	5.00	
220	0	49.78		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	29496	29498	29576	29441	29543
24	298260	297020	296837	296419	294715
25	39889	39472	39670	39513	39716
26	45997	45567	46051	45706	45528
59	245176	245220	246633	245040	245096
113	29572	29695	29478	29415	29231
115	352166	351695	350309	350350	349121
206	83971	84085	84161	83481	83419
207	78598	78496	78454	78541	77694
208	186181	184473	185071	184603	184902
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	51568	9.05	8.9 - 9.1		0.740	0.900	
24	482244	24.00	23.9 - 24.1		0.788	0.900	
25	64600	25.00	24.9 - 25.1		0.793	0.900	
26	74738	25.95	25.9 - 26.1		0.789	0.900	
59	439850	59.00	58.9 - 59.1		0.740	0.900	
113	60281	113.00	112.9 - 113.1		0.684	0.900	
115	711804	115.05	114.9 - 115.1		0.686	0.900	
206	179368	205.95	205.9 - 206.1		0.740	0.900	
207	166585	206.95	206.9 - 207.1		0.726	0.900	
208	398655	207.95	207.9 - 208.1		0.733	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.4	V	Deflect	13.6	V
Extract 2	-130.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-65	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	60215	0.26	
89	69254	0.36	
205	68558	0.34	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	60474	60206	60207	60086	60102
89	69415	69484	69406	68997	68968
205	68595	68856	68210	68593	68536

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	7.0	V	Deflect	2.0	V
Extract 2	-145.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 14:34:10 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	-0.13	-0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	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	0.03	0.06	-0.09	0.00	N/A	ppb
Boron	11-1	0.04	-0.03	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.01	0.03	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.11	0.33	-0.44	0.00	N/A	ppb
Cadmium	108-1	-0.01	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	0.74	-0.47	-0.28	0.00	N/A	ppb
Calcium	44-1	0.07	-0.11	0.04	0.00	N/A	ppb
Chromium	52-2	-0.01	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	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.00	-0.05	0.05	0.00	N/A	ppb
Iron	57-2	-0.07	0.15	-0.08	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	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:34:10	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-25.69	-24.65	-29.79	-26.71		ppb
Potassium	39-2	-1.23	0.14	1.10	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	0.02	0.08	-0.10	0.00	N/A	ppb
Selenium	82-1	0.02	-0.03	0.00	0.00	N/A	ppb
Silicon	28-1	0.10	-0.06	-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	0.12	0.13	0.00	N/A	ppb
Strontium	86-1	-0.02	0.00	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-34.74	-60.73	-22.21	-39.23		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	0.00	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:34:10	DataFile Name :	003CALB.d

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

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:42:54	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.11	18.67	18.70	18.16	5.01	ppb
Antimony	121-1	1.95	1.92	1.90	1.93	1.40	ppb
Arsenic	75-2	0.97	0.98	0.94	0.97	2.24	ppb
Barium	135-1	9.74	9.65	9.90	9.76	1.29	ppb
Barium	137-1	9.63	9.68	9.70	9.67	0.36	ppb
Beryllium	9-1	0.95	1.04	0.95	0.98	5.24	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	22.57	23.43	23.22	23.07	1.94	ppb
Boron	11-1	22.05	23.12	23.04	22.74	2.64	ppb
Cadmium	111-1	1.00	0.97	1.08	1.02	5.20	ppb
Cadmium	106-1	1.28	0.56	1.15	1.00	38.43	ppb
Cadmium	108-1	0.97	0.91	0.94	0.94	3.22	ppb
Calcium	43-1	462.90	470.32	470.14	467.79	0.90	ppb
Calcium	44-1	464.02	465.32	462.49	463.94	0.31	ppb
Chromium	52-2	1.91	1.93	1.88	1.91	1.25	ppb
Cobalt	59-2	0.99	0.97	0.98	0.98	0.81	ppb
Copper	63-2	2.02	2.01	2.04	2.03	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				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	53.05	53.26	53.20	53.17	0.20	ppb
Iron	57-2	55.27	54.00	55.58	54.95	1.53	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.91	0.90	0.92	2.59	ppb
Lead	207-1	0.89	0.91	0.87	0.89	2.25	ppb
Lead	208-1	0.91	0.91	0.90	0.90	0.79	ppb
Lithium	6-1				98		%
Magnesium	24-2	499.62	502.52	495.77	499.31	0.68	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:42:54	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.01	1.03	1.03	1.25	ppb
Molybdenum	94-1	4.83	4.89	4.83	4.85	0.73	ppb
Molybdenum	95-1	4.80	4.89	4.85	4.85	0.99	ppb
Molybdenum	96-1	4.76	4.83	4.93	4.84	1.85	ppb
Molybdenum	97-1	4.83	4.83	4.81	4.82	0.30	ppb
Molybdenum	98-1	4.87	4.87	4.82	4.85	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.02	1.06	1.06	3.71	ppb
Phosphorus	31-2	31.39	20.61	28.14	26.71	20.72	ppb
Potassium	39-2	454.17	456.06	450.59	453.60	0.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	4.39	5.47	4.06	4.64	15.96	ppb
Selenium	78-2	5.29	5.25	5.48	5.34	2.29	ppb
Selenium	82-1	5.26	5.04	5.60	5.30	5.40	ppb
Silicon	28-1	9.83	9.81	9.90	9.85	0.47	ppb
Silver	109-1	1.06	1.03	1.08	1.06	2.40	ppb
Silver	107-1	1.06	1.07	1.06	1.06	0.82	ppb
Sodium	23-2	467.40	466.59	469.88	467.96	0.37	ppb
Strontium	86-1	0.96	0.90	0.93	0.93	3.18	ppb
Strontium	88-1	0.92	0.93	0.93	0.92	0.53	ppb
Sulfur	34-1	-2.91	29.01	91.59	39.23	122.55	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.90	0.89	0.91	0.90	1.43	ppb
Thallium	205-1	0.90	0.88	0.88	0.89	0.98	ppb
Thorium	232-1	0.83	0.82	0.83	0.83	0.75	ppb
Tin	118-1	4.95	4.97	4.93	4.95	0.43	ppb
Titanium	47-1	4.78	4.82	4.88	4.83	1.03	ppb
Uranium	238-1	0.83	0.82	0.83	0.83	0.74	ppb
Vanadium	51-2	5.01	5.02	4.89	4.97	1.39	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:42:54	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.41	2.10	2.27	2.26	6.97	ppb
Zirconium	90-1	0.93	0.91	0.89	0.91	2.12	ppb
Zirconium	91-1	0.93	0.98	0.92	0.94	3.84	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 14:46:50 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	992.27	1008.06	1000.88	1000.40	0.79	ppb
Antimony	121-1	52.85	53.47	53.45	53.26	0.66	ppb
Arsenic	75-2	52.64	52.04	51.85	52.18	0.79	ppb
Barium	135-1	259.52	260.23	262.18	260.65	0.53	ppb
Barium	137-1	261.63	261.75	262.24	261.87	0.12	ppb
Beryllium	9-1	52.77	52.96	52.78	52.84	0.20	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	49.02	50.83	51.13	50.33	2.27	ppb
Boron	11-1	49.38	50.60	50.72	50.23	1.47	ppb
Cadmium	111-1	55.40	55.75	56.06	55.74	0.60	ppb
Cadmium	106-1	54.94	55.37	55.81	55.37	0.79	ppb
Cadmium	108-1	54.91	55.13	54.28	54.77	0.80	ppb
Calcium	43-1	5116.96	5198.99	5143.06	5153.01	0.81	ppb
Calcium	44-1	5023.94	5074.24	5029.43	5042.54	0.55	ppb
Chromium	52-2	51.82	52.66	51.52	52.00	1.13	ppb
Cobalt	59-2	52.66	53.28	52.48	52.81	0.80	ppb
Copper	63-2	109.55	110.84	107.78	109.39	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	2728.27	2758.63	2691.36	2726.09	1.24	ppb
Iron	57-2	2709.48	2742.87	2683.65	2712.00	1.09	ppb
Krypton	83-1						cps
Lead	206-1	49.66	49.93	50.30	49.96	0.64	ppb
Lead	207-1	49.55	49.75	50.28	49.86	0.75	ppb
Lead	208-1	49.70	50.00	50.37	50.03	0.67	ppb
Lithium	6-1				96		%
Magnesium	24-2	5509.37	5546.71	5475.95	5510.68	0.64	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:46:50	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.87	105.22	103.96	104.35	0.72	ppb
Molybdenum	94-1	252.53	259.57	257.04	256.38	1.39	ppb
Molybdenum	95-1	253.22	258.93	257.88	256.68	1.18	ppb
Molybdenum	96-1	254.46	257.89	256.53	256.29	0.67	ppb
Molybdenum	97-1	254.69	258.38	255.88	256.31	0.73	ppb
Molybdenum	98-1	254.24	258.56	255.51	256.10	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.33	55.31	54.86	55.17	0.48	ppb
Phosphorus	31-2	992.40	1039.62	1020.81	1017.61	2.34	ppb
Potassium	39-2	2445.26	2476.71	2441.97	2454.64	0.78	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	54.29	52.82	50.71	52.61	3.42	ppb
Selenium	78-2	54.09	54.06	54.04	54.06	0.05	ppb
Selenium	82-1	54.21	55.79	55.09	55.03	1.44	ppb
Silicon	28-1	59.15	60.74	61.00	60.30	1.66	ppb
Silver	109-1	56.03	55.52	56.01	55.85	0.52	ppb
Silver	107-1	56.32	55.87	56.53	56.24	0.60	ppb
Sodium	23-2	4991.66	5041.80	4957.56	4997.01	0.85	ppb
Strontium	86-1	51.41	52.11	51.70	51.74	0.68	ppb
Strontium	88-1	51.60	52.08	52.12	51.93	0.56	ppb
Sulfur	34-1	1040.13	1062.35	1018.03	1040.17	2.13	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	49.50	50.55	50.20	50.08	1.06	ppb
Thallium	205-1	49.28	50.22	50.21	49.90	1.09	ppb
Thorium	232-1	47.71	47.88	48.03	47.88	0.33	ppb
Tin	118-1	52.54	53.04	52.96	52.85	0.51	ppb
Titanium	47-1	254.95	253.86	253.22	254.01	0.34	ppb
Uranium	238-1	47.65	48.25	47.73	47.88	0.68	ppb
Vanadium	51-2	50.77	51.03	50.56	50.79	0.46	ppb
Yttrium	89-1				96		%
Yttrium	89-2				99		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:46:50	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	114.01	115.45	110.44	113.30	2.28	ppb
Zirconium	90-1	50.63	51.32	50.84	50.93	0.69	ppb
Zirconium	91-1	49.76	50.72	50.30	50.26	0.96	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:50:59	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2474.54	2490.07	2493.72	2486.11	0.41	ppb
Antimony	121-1	130.22	130.63	132.22	131.03	0.81	ppb
Arsenic	75-2	129.18	129.85	128.41	129.14	0.56	ppb
Barium	135-1	642.33	647.76	652.42	647.50	0.78	ppb
Barium	137-1	634.39	633.76	635.41	634.52	0.13	ppb
Beryllium	9-1	130.49	131.55	130.55	130.86	0.46	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	122.76	125.14	125.66	124.52	1.25	ppb
Boron	11-1	121.23	125.41	127.52	124.72	2.56	ppb
Cadmium	111-1	134.74	135.17	136.34	135.42	0.61	ppb
Cadmium	106-1	133.21	131.23	134.65	133.03	1.29	ppb
Cadmium	108-1	132.65	132.51	134.92	133.36	1.01	ppb
Calcium	43-1	12668.82	12680.37	12831.57	12726.92	0.71	ppb
Calcium	44-1	12421.19	12465.92	12535.62	12474.24	0.46	ppb
Chromium	52-2	128.93	130.44	130.27	129.88	0.64	ppb
Cobalt	59-2	130.66	132.05	133.16	131.96	0.95	ppb
Copper	63-2	270.95	273.90	274.62	273.16	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				94		%
Indium	115-2				97		%
Iron	56-2	6768.06	6856.83	6869.73	6831.54	0.81	ppb
Iron	57-2	6753.92	6831.48	6830.43	6805.28	0.65	ppb
Krypton	83-1						cps
Lead	206-1	122.24	123.90	124.22	123.45	0.86	ppb
Lead	207-1	121.61	123.25	124.85	123.24	1.32	ppb
Lead	208-1	123.27	124.90	123.40	123.85	0.73	ppb
Lithium	6-1				93		%
Magnesium	24-2	13676.68	13831.02	13661.96	13723.22	0.68	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:50:59	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	257.00	261.77	260.44	259.74	0.95	ppb
Molybdenum	94-1	623.90	632.64	627.22	627.92	0.70	ppb
Molybdenum	95-1	626.82	632.02	632.29	630.38	0.49	ppb
Molybdenum	96-1	624.08	632.96	631.02	629.35	0.74	ppb
Molybdenum	97-1	627.82	640.98	640.16	636.32	1.16	ppb
Molybdenum	98-1	626.05	632.75	621.84	626.88	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.50	138.97	137.28	137.25	1.27	ppb
Phosphorus	31-2	2536.19	2555.83	2594.64	2562.22	1.16	ppb
Potassium	39-2	6067.67	6104.95	6187.37	6120.00	1.00	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	128.87	131.72	136.29	132.29	2.83	ppb
Selenium	78-2	137.57	131.76	134.98	134.77	2.16	ppb
Selenium	82-1	133.28	135.25	134.92	134.48	0.79	ppb
Silicon	28-1	144.70	149.29	150.56	148.19	2.08	ppb
Silver	109-1	135.58	135.73	137.12	136.14	0.62	ppb
Silver	107-1	134.93	135.64	138.62	136.40	1.44	ppb
Sodium	23-2	12426.63	12568.11	12503.28	12499.34	0.57	ppb
Strontium	86-1	127.25	127.83	128.13	127.74	0.35	ppb
Strontium	88-1	125.52	127.08	125.76	126.12	0.66	ppb
Sulfur	34-1	2414.53	2386.65	2316.40	2372.53	2.13	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	124.10	125.55	125.78	125.14	0.73	ppb
Thallium	205-1	121.62	121.78	121.09	121.50	0.30	ppb
Thorium	232-1	116.91	117.45	118.64	117.67	0.75	ppb
Tin	118-1	128.80	129.71	131.89	130.13	1.22	ppb
Titanium	47-1	629.01	635.89	633.10	632.67	0.55	ppb
Uranium	238-1	116.86	117.09	117.99	117.31	0.51	ppb
Vanadium	51-2	127.49	128.78	127.85	128.04	0.52	ppb
Yttrium	89-1				94		%
Yttrium	89-2				97		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:50:59	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	276.67	280.60	282.96	280.08	1.13	ppb
Zirconium	90-1	125.25	125.15	123.98	124.79	0.57	ppb
Zirconium	91-1	124.00	126.57	124.71	125.09	1.06	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:54:48	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4908.44	4865.45	4897.25	4890.38	0.46	ppb
Antimony	121-1	237.35	283.75	257.71	259.61	8.96	ppb
Arsenic	75-2	257.42	257.27	258.01	257.56	0.15	ppb
Barium	135-1	1159.58	1400.12	1271.02	1276.91	9.43	ppb
Barium	137-1	1167.08	1402.26	1274.16	1281.16	9.19	ppb
Beryllium	9-1	237.35	284.67	260.82	260.95	9.07	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	226.09	282.18	259.60	255.96	11.03	ppb
Boron	11-1	227.08	277.89	255.27	253.41	10.05	ppb
Cadmium	111-1	241.58	296.53	268.33	268.81	10.22	ppb
Cadmium	106-1	239.98	291.81	264.87	265.55	9.76	ppb
Cadmium	108-1	239.50	292.22	266.13	265.95	9.91	ppb
Calcium	43-1	22617.36	28350.72	25732.24	25566.77	11.23	ppb
Calcium	44-1	22674.86	27732.43	25060.01	25155.77	10.06	ppb
Chromium	52-2	257.59	256.12	256.14	256.62	0.33	ppb
Cobalt	59-2	260.12	259.75	258.37	259.42	0.36	ppb
Copper	63-2	532.43	533.13	530.48	532.01	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	13407.97	13289.07	13332.15	13343.07	0.45	ppb
Iron	57-2	13393.15	13308.48	13304.37	13335.33	0.38	ppb
Krypton	83-1						cps
Lead	206-1	225.52	275.80	253.05	251.46	10.01	ppb
Lead	207-1	225.38	276.12	254.83	252.11	10.10	ppb
Lead	208-1	226.02	273.53	250.39	249.98	9.50	ppb
Lithium	6-1				92		%
Magnesium	24-2	27007.47	26914.76	26872.54	26931.59	0.26	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:54:48	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	513.42	509.55	513.77	512.25	0.46	ppb
Molybdenum	94-1	1159.94	1391.92	1261.72	1271.19	9.15	ppb
Molybdenum	95-1	1160.01	1393.43	1268.61	1274.02	9.17	ppb
Molybdenum	96-1	1154.83	1395.63	1264.12	1271.53	9.48	ppb
Molybdenum	97-1	1154.83	1391.48	1259.84	1268.72	9.35	ppb
Molybdenum	98-1	1146.17	1394.55	1261.94	1267.56	9.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	267.50	268.86	267.03	267.80	0.36	ppb
Phosphorus	31-2	5041.82	5000.06	5141.98	5061.29	1.44	ppb
Potassium	39-2	12107.55	11964.06	11935.00	12002.21	0.77	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	77-2	260.87	278.53	253.44	264.28	4.88	ppb
Selenium	78-2	264.64	259.79	260.04	261.49	1.04	ppb
Selenium	82-1	239.97	292.98	266.85	266.60	9.94	ppb
Silicon	28-1	223.51	286.22	256.73	255.48	12.28	ppb
Silver	109-1	243.64	291.84	266.43	267.31	9.02	ppb
Silver	107-1	240.89	295.73	264.64	267.08	10.30	ppb
Sodium	23-2	24649.34	24489.02	24744.88	24627.75	0.52	ppb
Strontium	86-1	232.83	285.65	255.10	257.86	10.28	ppb
Strontium	88-1	232.72	281.50	254.30	256.18	9.54	ppb
Sulfur	34-1	3981.82	5821.67	4763.37	4855.62	19.02	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	227.04	273.80	249.39	250.08	9.35	ppb
Thallium	205-1	223.93	271.08	247.64	247.55	9.52	ppb
Thorium	232-1	219.26	263.44	242.48	241.73	9.14	ppb
Tin	118-1	236.78	288.32	259.91	261.67	9.86	ppb
Titanium	47-1	1144.03	1408.26	1262.08	1271.46	10.41	ppb
Uranium	238-1	218.93	263.57	242.38	241.62	9.24	ppb
Vanadium	51-2	252.58	252.87	254.33	253.26	0.37	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:54:48	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	542.28	543.78	547.80	544.62	0.52	ppb
Zirconium	90-1	230.66	276.90	250.97	252.84	9.17	ppb
Zirconium	91-1	230.23	275.48	250.22	251.98	9.00	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:58:32	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9733.41	9705.04	9780.76	9739.74	0.39	ppb
Antimony	121-1	504.15	504.22	508.57	505.65	0.50	ppb
Arsenic	75-2	508.80	503.34	504.63	505.59	0.56	ppb
Barium	135-1	2500.95	2519.39	2521.56	2513.97	0.45	ppb
Barium	137-1	2513.44	2525.74	2508.97	2516.05	0.35	ppb
Beryllium	9-1	513.41	514.77	512.76	513.65	0.20	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	491.44	501.69	503.45	498.86	1.30	ppb
Boron	11-1	492.28	505.96	505.93	501.39	1.57	ppb
Cadmium	111-1	512.29	514.51	518.15	514.98	0.57	ppb
Cadmium	106-1	511.89	503.61	512.16	509.22	0.95	ppb
Cadmium	108-1	511.94	511.03	508.88	510.62	0.31	ppb
Calcium	43-1	50529.13	50926.78	51372.74	50942.89	0.83	ppb
Calcium	44-1	49825.53	49528.67	49837.45	49730.55	0.35	ppb
Chromium	52-2	509.61	510.71	507.70	509.34	0.30	ppb
Cobalt	59-2	513.81	508.11	509.08	510.33	0.60	ppb
Copper	63-2	1039.56	1033.12	1027.37	1033.35	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				99		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	26527.26	26435.80	26242.10	26401.72	0.55	ppb
Iron	57-2	26396.68	26413.01	26577.46	26462.39	0.38	ppb
Krypton	83-1						cps
Lead	206-1	500.08	501.48	504.04	501.87	0.40	ppb
Lead	207-1	497.23	498.34	506.66	500.74	1.03	ppb
Lead	208-1	498.02	501.01	505.66	501.57	0.77	ppb
Lithium	6-1				91		%
Magnesium	24-2	53597.58	53270.72	53213.08	53360.46	0.39	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:58:32	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1013.52	1017.19	1017.17	1015.96	0.21	ppb
Molybdenum	94-1	2496.35	2572.01	2500.81	2523.06	1.68	ppb
Molybdenum	95-1	2505.48	2544.68	2513.20	2521.12	0.82	ppb
Molybdenum	96-1	2511.93	2542.00	2513.02	2522.31	0.68	ppb
Molybdenum	97-1	2519.60	2521.35	2509.99	2516.98	0.24	ppb
Molybdenum	98-1	2515.70	2519.61	2526.35	2520.55	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.68	520.00	522.76	520.81	0.32	ppb
Phosphorus	31-2	10172.29	10150.96	10108.26	10143.84	0.32	ppb
Potassium	39-2	24013.76	24043.13	23886.12	23981.00	0.35	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	518.57	498.14	514.73	510.48	2.13	ppb
Selenium	78-2	507.07	515.30	510.42	510.93	0.81	ppb
Selenium	82-1	511.23	519.77	514.68	515.22	0.83	ppb
Silicon	28-1	527.12	532.01	540.63	533.25	1.28	ppb
Silver	109-1	512.70	508.81	511.88	511.13	0.40	ppb
Silver	107-1	517.39	507.96	510.88	512.08	0.94	ppb
Sodium	23-2	49381.20	48993.28	48789.37	49054.62	0.61	ppb
Strontium	86-1	509.55	513.77	510.64	511.32	0.43	ppb
Strontium	88-1	504.83	505.40	505.52	505.25	0.07	ppb
Sulfur	34-1	9929.34	9686.65	9999.45	9871.81	1.66	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	498.60	502.71	506.94	502.75	0.83	ppb
Thallium	205-1	498.23	503.20	505.62	502.35	0.75	ppb
Thorium	232-1	496.53	492.45	494.63	494.53	0.41	ppb
Tin	118-1	505.84	505.07	508.54	506.48	0.36	ppb
Titanium	47-1	2511.61	2513.92	2508.59	2511.38	0.11	ppb
Uranium	238-1	497.06	494.32	499.85	497.08	0.56	ppb
Vanadium	51-2	507.13	506.62	506.68	506.81	0.06	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:58:32	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1053.93	1055.35	1048.06	1052.45	0.37	ppb
Zirconium	90-1	499.18	505.83	504.99	503.33	0.72	ppb
Zirconium	91-1	496.50	506.67	501.41	501.53	1.01	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:02:19 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19208.69	19216.90	19219.40	19214.99	0.03	ppb
Antimony	121-1	995.30	993.18	993.09	993.86	0.13	ppb
Arsenic	75-2	998.62	990.89	994.54	994.69	0.39	ppb
Barium	135-1	4998.08	4950.40	5000.35	4982.95	0.57	ppb
Barium	137-1	4965.58	4960.38	5021.25	4982.40	0.68	ppb
Beryllium	9-1	993.13	982.55	993.03	989.57	0.61	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Boron	10-1	988.62	1002.41	1006.49	999.17	0.94	ppb
Boron	11-1	987.43	996.17	1012.00	998.53	1.25	ppb
Cadmium	111-1	984.29	981.35	993.01	986.22	0.61	ppb
Cadmium	106-1	996.88	975.89	997.92	990.23	1.26	ppb
Cadmium	108-1	995.95	982.56	989.75	989.42	0.68	ppb
Calcium	43-1	99657.80	99037.92	98879.83	99191.85	0.41	ppb
Calcium	44-1	97764.89	98302.98	98426.88	98164.92	0.36	ppb
Chromium	52-2	997.30	995.68	985.92	992.97	0.62	ppb
Cobalt	59-2	995.28	991.76	987.36	991.47	0.40	ppb
Copper	63-2	1977.34	1973.69	1964.85	1971.96	0.33	ppb
Dysprosium	156-1						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				90		%
Indium	115-2				91		%
Iron	56-2	51576.33	51973.32	51338.53	51629.39	0.62	ppb
Iron	57-2	51751.55	51844.08	50830.57	51475.40	1.09	ppb
Krypton	83-1						cps
Lead	206-1	998.64	995.17	1002.89	998.90	0.39	ppb
Lead	207-1	996.21	996.61	1005.17	999.33	0.51	ppb
Lead	208-1	998.54	995.57	1003.98	999.36	0.43	ppb
Lithium	6-1				90		%
Magnesium	24-2	105798.85	105119.95	105584.96	105501.25	0.33	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:02:19	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1996.66	1997.92	1967.99	1987.52	0.85	ppb
Molybdenum	94-1	5015.69	4955.71	4976.06	4982.49	0.61	ppb
Molybdenum	95-1	4990.26	4956.82	5000.22	4982.43	0.46	ppb
Molybdenum	96-1	4989.83	4951.98	5006.00	4982.60	0.56	ppb
Molybdenum	97-1	5021.85	4951.77	4981.68	4985.10	0.71	ppb
Molybdenum	98-1	5019.83	4942.33	4992.23	4984.79	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	979.88	987.41	982.77	983.35	0.39	ppb
Phosphorus	31-2	19825.51	19972.70	19914.10	19904.10	0.37	ppb
Potassium	39-2	47519.43	47428.59	47518.32	47488.78	0.11	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	77-2	975.04	1024.52	970.89	990.15	3.01	ppb
Selenium	78-2	990.66	987.58	992.47	990.24	0.25	ppb
Selenium	82-1	992.95	977.71	989.74	986.80	0.81	ppb
Silicon	28-1	968.68	980.53	986.56	978.59	0.93	ppb
Silver	109-1	986.45	989.87	988.94	988.42	0.18	ppb
Silver	107-1	995.59	978.47	989.80	987.95	0.88	ppb
Sodium	23-2	96944.91	97233.59	96822.54	97000.35	0.22	ppb
Strontium	86-1	992.33	982.22	1001.29	991.95	0.96	ppb
Strontium	88-1	999.30	990.51	996.97	995.59	0.46	ppb
Sulfur	34-1	20156.85	19999.75	20185.74	20114.11	0.50	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	1002.34	990.09	1003.32	998.58	0.74	ppb
Thallium	205-1	1002.80	993.42	1003.42	999.88	0.56	ppb
Thorium	232-1	1007.36	996.89	1013.23	1005.82	0.82	ppb
Tin	118-1	987.68	994.10	997.40	993.06	0.50	ppb
Titanium	47-1	4974.63	4989.74	4999.00	4987.79	0.25	ppb
Uranium	238-1	1000.91	1008.31	1004.65	1004.62	0.37	ppb
Vanadium	51-2	997.21	993.43	995.44	995.36	0.19	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:02:19	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1949.17	1965.20	1960.22	1958.20	0.42	ppb
Zirconium	90-1	997.74	991.43	1003.63	997.60	0.61	ppb
Zirconium	91-1	1000.50	994.72	1000.93	998.72	0.35	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:06:10 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100299.14	100568.57	99698.84	100188.85	0.44	ppb
Antimony	121-1	1.20	1.25	1.25	1.23	2.21	ppb
Arsenic	75-2	1.28	1.29	1.37	1.31	3.57	ppb
Barium	135-1	1.06	1.14	1.00	1.07	6.74	ppb
Barium	137-1	1.08	1.11	0.93	1.04	9.02	ppb
Beryllium	9-1	0.17	0.19	0.16	0.17	10.56	ppb
Bismuth	209-1				72		%
Bismuth	209-2				72		%
Boron	10-1	22.78	20.57	19.68	21.01	7.60	ppb
Boron	11-1	22.77	20.76	19.21	20.92	8.54	ppb
Cadmium	111-1	0.26	0.21	0.27	0.25	14.42	ppb
Cadmium	106-1	0.86	0.31	1.31	0.83	60.55	ppb
Cadmium	108-1	0.22	0.29	0.17	0.22	26.61	ppb
Calcium	43-1	496834.62	504279.26	498981.61	500031.83	0.77	ppb
Calcium	44-1	497768.43	502305.92	501084.94	500386.43	0.47	ppb
Chromium	52-2	8.44	8.41	8.28	8.38	1.01	ppb
Cobalt	59-2	11.33	11.37	11.21	11.30	0.73	ppb
Copper	63-2	2.41	2.36	2.39	2.38	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				90		%
Indium	115-1				85		%
Indium	115-2				89		%
Iron	56-2	250902.75	250092.48	247429.76	249475.00	0.73	ppb
Iron	57-2	251760.21	249763.40	246979.13	249500.91	0.96	ppb
Krypton	83-1						cps
Lead	206-1	1.22	1.25	1.25	1.24	1.58	ppb
Lead	207-1	1.19	1.17	1.15	1.17	1.43	ppb
Lead	208-1	1.21	1.20	1.19	1.20	0.73	ppb
Lithium	6-1				81		%
Magnesium	24-2	499221.14	504173.48	491899.69	498431.44	1.24	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:06:10	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.91	10.12	9.86	9.96	1.36	ppb
Molybdenum	94-1	3.13	3.05	2.89	3.02	3.97	ppb
Molybdenum	95-1	3.93	3.87	3.86	3.89	0.93	ppb
Molybdenum	96-1	4.99	4.72	4.49	4.73	5.25	ppb
Molybdenum	97-1	3.78	3.53	3.36	3.56	5.89	ppb
Molybdenum	98-1	3.52	3.33	3.09	3.32	6.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.89	12.71	12.47	12.69	1.65	ppb
Phosphorus	31-2	-11.24	-11.39	-15.60	-12.75		ppb
Potassium	39-2	251671.60	251531.92	248694.98	250632.83	0.67	ppb
Rhodium	103-1				76		%
Rhodium	103-2				77		%
Scandium	45-1				89		%
Scandium	45-2				95		%
Selenium	77-2	0.42	0.28	0.14	0.28	50.57	ppb
Selenium	78-2	0.07	0.39	0.31	0.26	65.39	ppb
Selenium	82-1	0.59	0.45	0.42	0.48	18.48	ppb
Silicon	28-1	44.66	46.00	45.16	45.28	1.50	ppb
Silver	109-1	0.17	0.18	0.13	0.16	15.97	ppb
Silver	107-1	0.17	0.17	0.14	0.16	10.68	ppb
Sodium	23-2	501650.86	504334.16	496154.46	500713.16	0.83	ppb
Strontium	86-1	4.22	4.30	4.40	4.31	2.11	ppb
Strontium	88-1	4.28	4.24	4.23	4.25	0.63	ppb
Sulfur	34-1	-129.67	-69.95	-43.76	-81.13		ppb
Terbium	159-1				90		%
Terbium	159-2				88		%
Thallium	203-1	0.31	0.33	0.28	0.31	7.49	ppb
Thallium	205-1	0.30	0.32	0.27	0.30	7.21	ppb
Thorium	232-1	0.22	0.22	0.17	0.20	15.41	ppb
Tin	118-1	1.06	1.05	1.02	1.04	1.80	ppb
Titanium	47-1	1.76	1.82	1.68	1.75	4.12	ppb
Uranium	238-1	0.16	0.17	0.14	0.15	10.14	ppb
Vanadium	51-2	0.22	0.22	0.23	0.22	2.11	ppb
Yttrium	89-1				88		%
Yttrium	89-2				93		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:06:10	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.75	15.52	15.88	15.72	1.17	ppb
Zirconium	90-1	0.33	0.32	0.31	0.32	2.44	ppb
Zirconium	91-1	0.34	0.34	0.33	0.34	2.23	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:10:04	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	531.86	535.53	532.46	533.28	0.37	ppb
Antimony	121-1	203.35	205.08	205.77	204.73	0.61	ppb
Arsenic	75-2	203.99	204.02	203.34	203.78	0.19	ppb
Barium	135-1	99.96	100.67	100.80	100.48	0.45	ppb
Barium	137-1	100.38	101.04	102.77	101.40	1.22	ppb
Beryllium	9-1	101.42	102.02	102.73	102.06	0.64	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	9.46	9.22	9.49	9.39	1.58	ppb
Boron	11-1	9.35	9.14	8.71	9.07	3.60	ppb
Cadmium	111-1	105.15	105.95	107.11	106.07	0.93	ppb
Cadmium	106-1	85.96	84.02	86.13	85.37	1.38	ppb
Cadmium	108-1	88.77	89.83	92.85	90.48	2.34	ppb
Calcium	43-1	1968.42	2021.96	2026.47	2005.61	1.61	ppb
Calcium	44-1	1988.78	2013.79	2007.47	2003.35	0.65	ppb
Chromium	52-2	98.55	97.76	98.26	98.19	0.41	ppb
Cobalt	59-2	102.43	102.31	102.20	102.31	0.11	ppb
Copper	63-2	107.36	106.90	107.09	107.12	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				106		%
Iron	56-2	1071.93	1068.07	1064.66	1068.22	0.34	ppb
Iron	57-2	1058.27	1052.97	1052.53	1054.59	0.30	ppb
Krypton	83-1						cps
Lead	206-1	191.90	198.04	199.35	196.43	2.03	ppb
Lead	207-1	185.15	189.37	191.88	188.80	1.80	ppb
Lead	208-1	188.72	192.31	194.27	191.77	1.47	ppb
Lithium	6-1				97		%
Magnesium	24-2	1234.55	1220.86	1215.72	1223.71	0.80	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:10:04	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.06	99.01	97.38	98.15	0.83	ppb
Molybdenum	94-1	0.22	0.23	0.21	0.22	2.79	ppb
Molybdenum	95-1	0.25	0.27	0.22	0.25	9.32	ppb
Molybdenum	96-1	0.25	0.25	0.19	0.23	13.94	ppb
Molybdenum	97-1	0.25	0.26	0.23	0.25	6.69	ppb
Molybdenum	98-1	0.24	0.22	0.19	0.22	11.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.42	107.67	106.74	107.28	0.45	ppb
Phosphorus	31-2	-25.87	-15.63	-26.27	-22.59		ppb
Potassium	39-2	1977.70	1964.92	1963.31	1968.64	0.40	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	211.68	205.77	224.74	214.06	4.53	ppb
Selenium	78-2	211.02	211.44	216.11	212.86	1.33	ppb
Selenium	82-1	212.10	214.46	214.75	213.77	0.68	ppb
Silicon	28-1	7.24	7.19	7.16	7.20	0.53	ppb
Silver	109-1	107.27	109.90	110.48	109.22	1.57	ppb
Silver	107-1	108.21	107.87	110.10	108.73	1.10	ppb
Sodium	23-2	2001.70	2013.51	1985.93	2000.38	0.69	ppb
Strontium	86-1	2.30	2.37	2.40	2.36	2.14	ppb
Strontium	88-1	2.27	2.30	2.31	2.29	0.94	ppb
Sulfur	34-1	-41.31	-59.00	-15.95	-38.75		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	196.50	202.40	204.34	201.08	2.03	ppb
Thallium	205-1	194.16	197.62	199.69	197.16	1.42	ppb
Thorium	232-1	0.04	0.04	0.03	0.03	8.66	ppb
Tin	118-1	0.21	0.22	0.22	0.22	1.89	ppb
Titanium	47-1	0.17	0.19	0.20	0.19	9.30	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	5.45	ppb
Vanadium	51-2	97.82	97.10	96.98	97.30	0.47	ppb
Yttrium	89-1				100		%
Yttrium	89-2				105		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:10:04	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	219.67	219.17	218.55	219.13	0.25	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	28.18	ppb
Zirconium	91-1	0.13	0.12	0.13	0.13	6.83	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:13:40	DataFile Name :	013LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.77	19.01	19.55	19.11	2.07	ppb
Antimony	121-1	2.09	2.07	2.01	2.06	1.82	ppb
Arsenic	75-2	1.00	1.03	0.97	1.00	2.88	ppb
Barium	135-1	9.85	9.77	9.77	9.80	0.48	ppb
Barium	137-1	9.88	9.75	9.78	9.80	0.70	ppb
Beryllium	9-1	1.01	1.05	1.01	1.02	2.34	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	28.95	28.81	28.22	28.66	1.35	ppb
Boron	11-1	28.41	28.30	28.57	28.43	0.47	ppb
Cadmium	111-1	1.11	1.10	1.09	1.10	0.95	ppb
Cadmium	106-1	1.72	1.44	1.51	1.56	9.40	ppb
Cadmium	108-1	0.98	1.04	1.13	1.05	7.19	ppb
Calcium	43-1	469.23	476.20	463.26	469.56	1.38	ppb
Calcium	44-1	471.54	468.66	460.82	467.01	1.19	ppb
Chromium	52-2	1.91	1.92	1.92	1.92	0.32	ppb
Cobalt	59-2	1.01	0.99	1.00	1.00	0.83	ppb
Copper	63-2	2.02	2.07	2.05	2.05	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	55.42	55.45	54.93	55.27	0.53	ppb
Iron	57-2	59.52	55.76	57.44	57.58	3.27	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.95	0.97	0.96	1.28	ppb
Lead	207-1	0.91	0.89	0.91	0.90	1.11	ppb
Lead	208-1	0.93	0.93	0.94	0.93	0.90	ppb
Lithium	6-1				98		%
Magnesium	24-2	511.27	506.02	501.05	506.11	1.01	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:13:40	DataFile Name :	013LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	1.03	1.02	1.02	1.19	ppb
Molybdenum	94-1	4.89	4.87	4.91	4.89	0.45	ppb
Molybdenum	95-1	5.01	4.91	4.85	4.92	1.71	ppb
Molybdenum	96-1	4.90	5.04	4.81	4.92	2.37	ppb
Molybdenum	97-1	4.87	4.85	4.93	4.88	0.83	ppb
Molybdenum	98-1	4.89	4.84	4.95	4.89	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	0.98	1.08	1.06	7.01	ppb
Phosphorus	31-2	26.28	35.61	18.58	26.82	31.79	ppb
Potassium	39-2	495.38	491.51	492.64	493.18	0.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	4.84	7.18	5.22	5.75	21.81	ppb
Selenium	78-2	5.87	5.59	5.17	5.54	6.43	ppb
Selenium	82-1	5.38	5.40	5.13	5.30	2.78	ppb
Silicon	28-1	13.16	13.48	13.12	13.25	1.48	ppb
Silver	109-1	1.11	1.10	1.05	1.08	2.77	ppb
Silver	107-1	1.12	1.06	1.07	1.08	2.93	ppb
Sodium	23-2	505.45	504.70	503.58	504.58	0.19	ppb
Strontium	86-1	0.93	0.99	0.95	0.96	3.06	ppb
Strontium	88-1	0.94	0.93	0.93	0.93	0.56	ppb
Sulfur	34-1	-148.59	-121.67	-176.61	-148.96		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.92	0.96	0.95	0.94	1.99	ppb
Thallium	205-1	0.95	0.92	0.94	0.94	1.75	ppb
Thorium	232-1	0.84	0.85	0.85	0.85	0.88	ppb
Tin	118-1	4.99	4.91	4.98	4.96	0.82	ppb
Titanium	47-1	4.82	5.03	4.84	4.90	2.40	ppb
Uranium	238-1	0.83	0.84	0.82	0.83	1.04	ppb
Vanadium	51-2	5.10	5.11	4.96	5.06	1.62	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:13:40	DataFile Name :	013LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.30	2.26	2.21	2.26	1.94	ppb
Zirconium	90-1	0.93	0.92	0.92	0.92	0.57	ppb
Zirconium	91-1	0.94	0.95	0.93	0.94	1.41	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:17:16 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.40	0.16	0.21	0.25	49.84	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	10.42	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	21.52	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.01	0.01	0.01	69.35	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	53.64	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	4.42	4.23	4.17	4.27	3.10	ppb
Boron	11-1	4.24	4.38	4.07	4.23	3.71	ppb
Cadmium	111-1	0.02	0.02	0.07	0.04	78.42	ppb
Cadmium	106-1	0.13	0.18	0.71	0.34	94.37	ppb
Cadmium	108-1	-0.01	0.03	0.01	0.01	240.35	ppb
Calcium	43-1	2.57	2.77	5.81	3.72	48.76	ppb
Calcium	44-1	2.78	3.31	4.49	3.53	24.91	ppb
Chromium	52-2	0.00	0.00	0.02	0.01	203.74	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	150.76	ppb
Copper	63-2	-0.02	-0.03	-0.01	-0.02		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				99		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	1.03	1.08	0.96	1.02	6.07	ppb
Iron	57-2	1.65	0.89	1.19	1.24	30.46	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.03	12.66	ppb
Lead	207-1	0.01	0.02	0.03	0.02	41.48	ppb
Lead	208-1	0.02	0.03	0.03	0.02	8.05	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.72	2.03	1.60	1.78	12.44	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:17:16 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.01	0.00	80.84	ppb
Molybdenum	94-1	0.04	0.04	0.07	0.05	31.31	ppb
Molybdenum	95-1	0.05	0.05	0.06	0.05	8.85	ppb
Molybdenum	96-1	0.04	0.05	0.06	0.05	19.30	ppb
Molybdenum	97-1	0.04	0.04	0.05	0.05	14.97	ppb
Molybdenum	98-1	0.04	0.05	0.05	0.05	5.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	173.28	ppb
Phosphorus	31-2	-25.81	-23.30	-25.44	-24.85		ppb
Potassium	39-2	21.93	21.38	19.56	20.96	5.92	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	0.13	0.26	0.13	0.17	43.46	ppb
Selenium	78-2	-0.17	-0.30	-0.13	-0.20		ppb
Selenium	82-1	-0.08	0.10	-0.12	-0.03		ppb
Silicon	28-1	3.59	3.24	3.71	3.51	6.99	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.02	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.49	ppb
Sodium	23-2	25.53	26.38	25.98	25.96	1.63	ppb
Strontium	86-1	0.00	0.03	0.00	0.01	149.02	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	34.27	ppb
Sulfur	34-1	-216.77	-162.66	-115.62	-165.02		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.03	0.03	0.04	0.04	6.19	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	4.00	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	6.56	ppb
Tin	118-1	0.03	0.01	0.03	0.02	52.74	ppb
Titanium	47-1	0.04	0.05	0.02	0.04	38.49	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	54.04	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	47.70	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:17:16	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	0.03	0.04	0.03	38.59	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	60.92	ppb
Zirconium	91-1	0.01	0.00	0.00	0.01	79.77	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:20:53 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89711.60	90000.01	93437.20	91049.60	2.28	ppb
Antimony	121-1	1.10	1.14	1.07	1.11	2.92	ppb
Arsenic	75-2	0.34	0.31	0.38	0.34	10.70	ppb
Barium	135-1	1.60	1.52	1.47	1.53	4.12	ppb
Barium	137-1	1.50	1.44	1.40	1.45	3.49	ppb
Beryllium	9-1	0.30	0.29	0.29	0.29	2.70	ppb
Bismuth	209-1				84		%
Bismuth	209-2				83		%
Boron	10-1	3.69	3.91	3.36	3.65	7.53	ppb
Boron	11-1	3.92	3.77	3.64	3.78	3.74	ppb
Cadmium	111-1	0.75	0.76	0.63	0.71	9.80	ppb
Cadmium	106-1	0.14	0.57	-0.15	0.19	192.79	ppb
Cadmium	108-1	17.48	17.90	16.74	17.37	3.38	ppb
Calcium	43-1	100297.07	99623.47	96673.51	98864.68	1.95	ppb
Calcium	44-1	100409.71	98509.71	96737.37	98552.26	1.86	ppb
Chromium	52-2	24.56	24.76	25.38	24.90	1.70	ppb
Cobalt	59-2	1.19	1.19	1.24	1.21	2.56	ppb
Copper	63-2	8.22	8.16	8.63	8.34	3.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	56-2	102206.03	102157.36	106370.67	103578.02	2.34	ppb
Iron	57-2	102505.07	102513.74	106905.98	103974.93	2.44	ppb
Krypton	83-1						cps
Lead	206-1	5.22	5.04	5.01	5.09	2.23	ppb
Lead	207-1	4.53	4.39	4.30	4.41	2.63	ppb
Lead	208-1	4.74	4.65	4.56	4.65	1.97	ppb
Lithium	6-1				90		%
Magnesium	24-2	101016.85	101295.02	105351.58	102554.49	2.37	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:20:53	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.63	7.82	8.09	7.85	2.98	ppb
Molybdenum	94-1	1373.73	1349.31	1332.13	1351.73	1.55	ppb
Molybdenum	95-1	1982.24	1953.34	1904.76	1946.78	2.01	ppb
Molybdenum	96-1	1909.34	1881.22	1838.58	1876.38	1.90	ppb
Molybdenum	97-1	1979.03	1949.92	1898.72	1942.56	2.09	ppb
Molybdenum	98-1	1967.27	1930.40	1901.25	1932.98	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.25	5.37	5.44	5.36	1.78	ppb
Phosphorus	31-2	96454.33	96761.46	101374.64	98196.81	2.81	ppb
Potassium	39-2	95635.41	95863.40	100330.95	97276.58	2.72	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.14	0.05	173.21	ppb
Selenium	78-2	-0.39	-0.26	0.13	-0.17		ppb
Selenium	82-1	0.30	0.38	0.10	0.26	55.67	ppb
Silicon	28-1	28.08	29.29	28.85	28.74	2.13	ppb
Silver	109-1	0.04	0.06	0.06	0.05	18.24	ppb
Silver	107-1	0.04	0.05	0.06	0.05	17.45	ppb
Sodium	23-2	97116.86	98802.90	102017.86	99312.54	2.51	ppb
Strontium	86-1	34.24	33.63	33.31	33.73	1.41	ppb
Strontium	88-1	33.70	34.09	33.27	33.69	1.21	ppb
Sulfur	34-1	79092.21	78542.74	76797.93	78144.29	1.53	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	0.15	0.15	0.19	0.17	14.01	ppb
Thallium	205-1	0.15	0.16	0.17	0.16	6.18	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	12.00	ppb
Tin	118-1	0.16	0.17	0.13	0.16	11.65	ppb
Titanium	47-1	2046.68	2046.55	2005.55	2032.93	1.17	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.33	ppb
Vanadium	51-2	0.17	0.17	0.18	0.17	4.70	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:20:53	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.16	13.05	13.77	13.33	2.91	ppb
Zirconium	90-1	0.02	0.03	0.02	0.03	8.23	ppb
Zirconium	91-1	0.02	0.04	0.02	0.03	38.56	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:28:17	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88350.82	89353.52	89305.30	89003.21	0.64	ppb
Antimony	121-1	19.91	20.50	20.14	20.19	1.48	ppb
Arsenic	75-2	19.02	19.34	19.41	19.25	1.07	ppb
Barium	135-1	20.73	21.48	21.13	21.11	1.77	ppb
Barium	137-1	20.73	21.30	21.18	21.07	1.42	ppb
Beryllium	9-1	19.57	19.89	19.76	19.74	0.83	ppb
Bismuth	209-1				86		%
Bismuth	209-2				85		%
Boron	10-1	55.89	57.54	56.99	56.81	1.47	ppb
Boron	11-1	55.93	57.31	56.52	56.59	1.22	ppb
Cadmium	111-1	19.63	20.03	19.72	19.79	1.05	ppb
Cadmium	106-1	25.30	25.58	26.32	25.73	2.06	ppb
Cadmium	108-1	39.68	39.54	38.57	39.26	1.53	ppb
Calcium	43-1	95494.59	98011.76	95334.17	96280.17	1.56	ppb
Calcium	44-1	95272.30	96739.56	95199.12	95736.99	0.91	ppb
Chromium	52-2	40.81	40.73	41.08	40.88	0.45	ppb
Cobalt	59-2	20.33	20.26	20.38	20.33	0.31	ppb
Copper	63-2	27.41	27.52	27.72	27.55	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	100406.06	101389.81	101440.85	101078.90	0.58	ppb
Iron	57-2	101220.28	101490.67	102258.97	101656.64	0.53	ppb
Krypton	83-1						cps
Lead	206-1	25.06	25.38	25.10	25.18	0.68	ppb
Lead	207-1	22.75	23.06	22.74	22.85	0.79	ppb
Lead	208-1	23.58	23.99	23.57	23.72	1.01	ppb
Lithium	6-1				93		%
Magnesium	24-2	100275.48	100848.26	100706.87	100610.21	0.30	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:28:17	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.55	26.47	26.67	26.57	0.38	ppb
Molybdenum	94-1	1444.65	1461.54	1434.12	1446.77	0.96	ppb
Molybdenum	95-1	1956.13	1978.07	1940.51	1958.24	0.96	ppb
Molybdenum	96-1	1895.90	1916.56	1881.66	1898.04	0.92	ppb
Molybdenum	97-1	1960.22	1969.56	1948.69	1959.49	0.53	ppb
Molybdenum	98-1	1936.39	1972.26	1938.55	1949.07	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.52	24.57	24.48	24.52	0.18	ppb
Phosphorus	31-2	96231.02	97127.88	97211.88	96856.92	0.56	ppb
Potassium	39-2	94770.29	95757.73	96186.65	95571.56	0.76	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	19.92	20.91	19.37	20.07	3.89	ppb
Selenium	78-2	18.36	18.39	18.47	18.40	0.31	ppb
Selenium	82-1	18.43	19.07	19.19	18.90	2.16	ppb
Silicon	28-1	75.90	79.86	77.23	77.66	2.59	ppb
Silver	109-1	18.44	18.65	18.15	18.41	1.35	ppb
Silver	107-1	18.40	18.50	18.44	18.45	0.27	ppb
Sodium	23-2	97692.52	96941.85	98440.39	97691.59	0.77	ppb
Strontium	86-1	82.76	85.02	82.81	83.53	1.54	ppb
Strontium	88-1	83.41	85.06	83.91	84.13	1.01	ppb
Sulfur	34-1	75150.59	77420.01	75096.06	75888.89	1.75	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	20.59	21.10	21.05	20.91	1.35	ppb
Thallium	205-1	20.57	20.97	20.73	20.75	0.97	ppb
Thorium	232-1	0.63	0.65	0.64	0.64	1.62	ppb
Tin	118-1	48.82	49.60	48.56	48.99	1.11	ppb
Titanium	47-1	2032.65	2070.66	2031.03	2044.78	1.10	ppb
Uranium	238-1	51.86	52.49	51.37	51.90	1.08	ppb
Vanadium	51-2	19.06	19.24	19.16	19.15	0.47	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:28:17	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	32.65	32.39	32.61	32.55	0.43	ppb
Zirconium	90-1	51.15	52.01	50.78	51.31	1.24	ppb
Zirconium	91-1	49.66	51.67	50.09	50.47	2.10	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:31:59	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54221.51	52960.67	53246.60	53476.26	1.24	ppb
Antimony	121-1	496.25	498.67	504.16	499.69	0.81	ppb
Arsenic	75-2	482.64	485.04	488.63	485.44	0.62	ppb
Barium	135-1	2566.24	2544.61	2627.75	2579.54	1.67	ppb
Barium	137-1	2570.00	2558.19	2608.91	2579.03	1.03	ppb
Beryllium	9-1	512.59	513.74	516.30	514.21	0.37	ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Boron	10-1	500.86	511.99	517.20	510.02	1.64	ppb
Boron	11-1	506.75	521.86	517.70	515.43	1.51	ppb
Cadmium	111-1	476.54	480.35	483.50	480.13	0.73	ppb
Cadmium	106-1	494.41	497.52	493.98	495.30	0.39	ppb
Cadmium	108-1	485.27	492.20	495.30	490.92	1.05	ppb
Calcium	43-1	249395.70	248521.57	251313.63	249743.64	0.57	ppb
Calcium	44-1	246722.37	246832.49	251316.83	248290.56	1.06	ppb
Chromium	52-2	511.42	507.62	504.68	507.91	0.66	ppb
Cobalt	59-2	508.35	497.94	494.76	500.35	1.42	ppb
Copper	63-2	957.13	948.38	950.85	952.12	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				95		%
Iron	56-2	130293.27	128437.62	127890.68	128873.85	0.98	ppb
Iron	57-2	130159.97	128010.22	127499.01	128556.40	1.10	ppb
Krypton	83-1						cps
Lead	206-1	534.21	537.13	538.69	536.68	0.42	ppb
Lead	207-1	529.33	532.84	532.20	531.46	0.35	ppb
Lead	208-1	531.22	534.40	535.61	533.74	0.42	ppb
Lithium	6-1				91		%
Magnesium	24-2	261920.64	255117.97	257072.76	258037.12	1.36	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:31:59	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1019.43	1002.72	1000.51	1007.56	1.03	ppb
Molybdenum	94-1	2586.73	2579.89	2575.53	2580.72	0.22	ppb
Molybdenum	95-1	2574.95	2568.50	2564.92	2569.46	0.20	ppb
Molybdenum	96-1	2565.25	2576.23	2569.02	2570.17	0.22	ppb
Molybdenum	97-1	2565.09	2559.27	2589.89	2571.42	0.63	ppb
Molybdenum	98-1	2562.51	2569.91	2586.27	2572.90	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.01	488.62	487.54	490.73	0.94	ppb
Phosphorus	31-2	10277.38	10055.30	10125.80	10152.83	1.12	ppb
Potassium	39-2	125284.18	124181.99	124226.60	124564.26	0.50	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	77-2	465.74	481.21	473.95	473.63	1.63	ppb
Selenium	78-2	473.23	475.63	480.55	476.47	0.78	ppb
Selenium	82-1	464.82	468.72	473.04	468.86	0.88	ppb
Silicon	28-1	481.94	487.99	495.53	488.49	1.39	ppb
Silver	109-1	483.12	481.95	485.90	483.66	0.42	ppb
Silver	107-1	485.91	487.74	486.35	486.66	0.20	ppb
Sodium	23-2	252109.58	248102.86	248023.94	249412.13	0.94	ppb
Strontium	86-1	520.45	517.50	523.44	520.46	0.57	ppb
Strontium	88-1	519.87	511.27	517.48	516.21	0.86	ppb
Sulfur	34-1	10376.24	10459.45	10641.16	10492.28	1.29	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	542.31	542.27	547.03	543.87	0.50	ppb
Thallium	205-1	541.09	544.22	544.90	543.40	0.37	ppb
Thorium	232-1	543.77	539.41	545.63	542.94	0.59	ppb
Tin	118-1	508.38	510.99	511.99	510.45	0.36	ppb
Titanium	47-1	2582.50	2583.78	2600.44	2588.91	0.39	ppb
Uranium	238-1	548.20	531.11	547.13	542.15	1.77	ppb
Vanadium	51-2	517.80	515.30	510.66	514.58	0.70	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:31:59	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1132.77	1122.95	1124.82	1126.85	0.46	ppb
Zirconium	90-1	520.46	517.24	522.93	520.21	0.55	ppb
Zirconium	91-1	509.86	512.62	517.99	513.49	0.81	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:37:41	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.00	1.31	1.11	1.14	13.66	ppb
Antimony	121-1	0.10	0.08	0.08	0.09	10.00	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	76.38	ppb
Barium	135-1	0.06	0.04	0.03	0.05	34.64	ppb
Barium	137-1	0.04	0.04	0.03	0.04	19.63	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	15.12	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	5.22	5.17	4.61	5.00	6.76	ppb
Boron	11-1	5.37	4.98	4.83	5.06	5.50	ppb
Cadmium	111-1	0.07	0.02	0.11	0.06	67.39	ppb
Cadmium	106-1	0.58	-0.10	1.05	0.51	113.77	ppb
Cadmium	108-1	0.05	0.03	0.01	0.03	66.50	ppb
Calcium	43-1	7.21	4.62	4.97	5.60	25.09	ppb
Calcium	44-1	7.58	7.08	5.78	6.81	13.59	ppb
Chromium	52-2	0.03	0.04	0.02	0.03	47.76	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	42.64	ppb
Copper	63-2	0.16	0.14	0.17	0.16	7.76	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				104		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	2.98	3.11	2.97	3.02	2.54	ppb
Iron	57-2	3.16	3.56	3.55	3.42	6.67	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.04	0.04	9.92	ppb
Lead	207-1	0.02	0.04	0.03	0.03	20.75	ppb
Lead	208-1	0.04	0.04	0.03	0.03	5.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	5.09	4.99	5.05	5.04	0.94	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:37:41	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.01	0.01	17.13	ppb
Molybdenum	94-1	0.22	0.20	0.17	0.20	12.21	ppb
Molybdenum	95-1	0.23	0.22	0.20	0.22	6.97	ppb
Molybdenum	96-1	0.24	0.23	0.20	0.22	9.53	ppb
Molybdenum	97-1	0.25	0.24	0.20	0.23	11.46	ppb
Molybdenum	98-1	0.24	0.22	0.20	0.22	9.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.02	0.01	174.74	ppb
Phosphorus	31-2	-27.45	-29.34	-22.51	-26.43		ppb
Potassium	39-2	32.78	30.47	31.63	31.63	3.66	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.38	0.13	173.21	ppb
Selenium	78-2	-0.07	-0.04	-0.33	-0.15		ppb
Selenium	82-1	-0.03	0.16	0.06	0.07	147.13	ppb
Silicon	28-1	2.76	2.59	2.39	2.58	7.22	ppb
Silver	109-1	0.03	0.03	0.03	0.03	11.34	ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.92	ppb
Sodium	23-2	35.88	33.88	34.86	34.88	2.87	ppb
Strontium	86-1	0.03	0.02	0.02	0.02	26.57	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	30.07	ppb
Sulfur	34-1	-65.40	-74.04	-93.44	-77.63		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.07	0.06	0.06	11.07	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	4.23	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	12.06	ppb
Tin	118-1	0.04	0.03	0.03	0.03	15.65	ppb
Titanium	47-1	0.10	0.09	0.09	0.09	8.81	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.15	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	10.87	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:37:41	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	0.01	-0.02	0.00		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	10.13	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	26.80	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:41:16 DataFile Name : 020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.78	18.73	18.97	19.16	2.87	ppb
Antimony	121-1	1.97	2.00	1.94	1.97	1.43	ppb
Arsenic	75-2	0.98	0.99	0.98	0.98	0.97	ppb
Barium	135-1	9.58	10.15	9.88	9.87	2.90	ppb
Barium	137-1	9.67	9.91	9.88	9.82	1.32	ppb
Beryllium	9-1	1.02	1.00	1.01	1.01	0.91	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	26.04	26.94	25.98	26.32	2.05	ppb
Boron	11-1	25.72	26.49	26.08	26.09	1.47	ppb
Cadmium	111-1	1.07	1.05	1.12	1.08	3.39	ppb
Cadmium	106-1	1.95	1.26	2.04	1.75	24.52	ppb
Cadmium	108-1	1.03	1.07	0.90	1.00	9.15	ppb
Calcium	43-1	459.56	459.01	473.54	464.04	1.77	ppb
Calcium	44-1	460.64	461.86	461.49	461.33	0.14	ppb
Chromium	52-2	1.88	1.87	1.94	1.90	2.20	ppb
Cobalt	59-2	0.98	0.98	0.97	0.98	0.71	ppb
Copper	63-2	2.17	2.14	2.14	2.15	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	54.36	54.12	54.26	54.25	0.22	ppb
Iron	57-2	56.20	55.24	59.66	57.04	4.08	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.95	0.96	0.94	3.32	ppb
Lead	207-1	0.86	0.88	0.88	0.88	1.38	ppb
Lead	208-1	0.88	0.91	0.91	0.90	1.67	ppb
Lithium	6-1				101		%
Magnesium	24-2	500.67	506.90	502.73	503.43	0.63	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:41:16	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.99	0.94	0.97	0.97	2.61	ppb
Molybdenum	94-1	4.90	4.86	4.83	4.87	0.76	ppb
Molybdenum	95-1	4.88	4.97	4.83	4.90	1.38	ppb
Molybdenum	96-1	4.81	5.01	4.92	4.91	2.02	ppb
Molybdenum	97-1	4.91	5.02	4.82	4.92	2.04	ppb
Molybdenum	98-1	4.86	4.89	5.03	4.93	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.02	1.05	1.05	2.98	ppb
Phosphorus	31-2	24.21	26.91	12.92	21.35	34.76	ppb
Potassium	39-2	477.70	477.56	476.75	477.34	0.11	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	4.22	3.57	4.93	4.24	16.01	ppb
Selenium	78-2	5.37	5.07	5.20	5.22	2.85	ppb
Selenium	82-1	5.14	5.50	5.71	5.45	5.27	ppb
Silicon	28-1	10.13	10.81	10.52	10.48	3.25	ppb
Silver	109-1	1.06	1.09	1.06	1.07	1.68	ppb
Silver	107-1	1.10	1.10	1.11	1.11	0.45	ppb
Sodium	23-2	492.90	495.36	496.43	494.90	0.37	ppb
Strontium	86-1	0.92	0.94	0.94	0.94	1.19	ppb
Strontium	88-1	0.93	0.94	0.94	0.94	0.97	ppb
Sulfur	34-1	-79.31	11.33	-40.78	-36.25		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.97	0.97	0.96	0.97	0.47	ppb
Thallium	205-1	0.95	0.94	0.95	0.95	0.31	ppb
Thorium	232-1	0.84	0.84	0.84	0.84	0.39	ppb
Tin	118-1	4.93	4.88	4.94	4.92	0.72	ppb
Titanium	47-1	4.83	4.94	4.98	4.92	1.61	ppb
Uranium	238-1	0.83	0.82	0.84	0.83	0.80	ppb
Vanadium	51-2	4.96	5.04	4.99	5.00	0.80	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:41:16	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.17	2.08	2.05	2.10	3.06	ppb
Zirconium	90-1	0.91	0.95	0.92	0.93	2.43	ppb
Zirconium	91-1	0.93	0.89	0.88	0.90	2.59	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : PB116435BL Instrumnet Name : P7
 Client Sample ID : PB116435BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:45:15 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.16	-0.12	-0.14	-0.03		ppb
Antimony	121-1	0.02	0.01	0.02	0.02	18.67	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	-0.02	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.02	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	14.79	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	2.51	2.10	2.53	2.38	10.29	ppb
Boron	11-1	2.50	2.41	2.50	2.47	2.07	ppb
Cadmium	111-1	0.02	0.05	0.06	0.04	43.38	ppb
Cadmium	106-1	0.22	0.61	0.76	0.53	52.59	ppb
Cadmium	108-1	0.00	-0.02	0.05	0.01	401.90	ppb
Calcium	43-1	0.15	-0.01	1.30	0.48	148.32	ppb
Calcium	44-1	0.69	1.07	0.80	0.86	23.07	ppb
Chromium	52-2	0.01	0.00	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.08	0.08	0.08	0.08	3.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	0.29	0.29	0.29	0.29	0.67	ppb
Iron	57-2	0.45	0.40	1.01	0.62	54.25	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.01	0.01	51.87	ppb
Lead	207-1	0.00	0.00	0.01	0.00	177.09	ppb
Lead	208-1	0.00	0.01	0.01	0.01	56.19	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.55	0.46	0.45	0.49	10.79	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : PB116435BL Instrumnet Name : P7
 Client Sample ID : PB116435BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:45:15 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	2.97	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	7.44	ppb
Molybdenum	96-1	0.05	0.04	0.03	0.04	22.77	ppb
Molybdenum	97-1	0.03	0.04	0.04	0.04	17.59	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	6.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00		ppb
Phosphorus	31-2	-27.52	-25.52	-26.92	-26.65		ppb
Potassium	39-2	15.70	13.59	14.90	14.73	7.23	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.12	0.00	0.04	173.21	ppb
Selenium	78-2	0.04	-0.08	-0.29	-0.11		ppb
Selenium	82-1	0.13	0.07	0.11	0.10	31.08	ppb
Silicon	28-1	0.22	0.24	0.35	0.27	26.49	ppb
Silver	109-1	0.00	0.00	0.00	0.00	22.34	ppb
Silver	107-1	0.00	0.00	0.00	0.00	8.29	ppb
Sodium	23-2	16.93	16.25	16.82	16.67	2.18	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	193.77	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-82.52	-1.90	-0.38	-28.27		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.02	0.02	9.15	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.99	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	8.62	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	370.06	ppb
Titanium	47-1	0.01	0.01	0.02	0.01	35.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	269.63	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116435BL	Instrumnet Name :	P7
Client Sample ID :	PB116435BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:45:15	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.06	-0.03	0.00	-0.03		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	47.54	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	403.22	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116435BS	Instrumnet Name :	P7
Client Sample ID :	PB116435BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:48:50	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9626.52	9729.73	9624.92	9660.39	0.62	ppb
Antimony	121-1	507.96	513.39	513.13	511.49	0.60	ppb
Arsenic	75-2	508.75	506.09	511.05	508.63	0.49	ppb
Barium	135-1	2529.00	2559.03	2524.70	2537.58	0.74	ppb
Barium	137-1	2519.12	2563.70	2546.37	2543.06	0.88	ppb
Beryllium	9-1	507.39	509.22	513.80	510.14	0.65	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	497.67	499.55	509.78	502.33	1.30	ppb
Boron	11-1	498.69	513.10	509.08	506.96	1.47	ppb
Cadmium	111-1	510.84	520.85	520.94	517.54	1.12	ppb
Cadmium	106-1	503.61	515.68	522.08	513.79	1.83	ppb
Cadmium	108-1	505.67	517.91	522.15	515.25	1.66	ppb
Calcium	43-1	50506.61	50319.66	50525.07	50450.45	0.23	ppb
Calcium	44-1	49848.12	49405.90	49555.01	49603.01	0.45	ppb
Chromium	52-2	501.96	501.66	499.77	501.13	0.24	ppb
Cobalt	59-2	506.07	505.95	503.68	505.23	0.27	ppb
Copper	63-2	1026.45	1016.81	1018.50	1020.59	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	25796.08	26083.55	25789.21	25889.61	0.65	ppb
Iron	57-2	26159.73	26168.86	26172.63	26167.07	0.03	ppb
Krypton	83-1						cps
Lead	206-1	502.21	499.45	502.98	501.55	0.37	ppb
Lead	207-1	498.34	495.64	497.84	497.27	0.29	ppb
Lead	208-1	497.38	499.01	500.40	498.93	0.30	ppb
Lithium	6-1				96		%
Magnesium	24-2	53253.23	53408.29	53371.24	53344.25	0.15	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : PB116435BS Instrumnet Name : P7
 Client Sample ID : PB116435BS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:48:50 DataFile Name : 022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	996.29	1004.48	994.94	998.57	0.52	ppb
Molybdenum	94-1	2492.18	2512.58	2508.22	2504.33	0.43	ppb
Molybdenum	95-1	2484.73	2509.19	2509.83	2501.25	0.57	ppb
Molybdenum	96-1	2488.58	2487.43	2518.29	2498.10	0.70	ppb
Molybdenum	97-1	2490.31	2490.75	2505.00	2495.35	0.33	ppb
Molybdenum	98-1	2481.33	2481.80	2479.90	2481.01	0.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.35	514.75	512.89	513.33	0.25	ppb
Phosphorus	31-2	10109.19	10032.04	10039.24	10060.16	0.42	ppb
Potassium	39-2	24142.40	23922.13	23785.01	23949.85	0.75	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	510.31	495.17	504.74	503.41	1.52	ppb
Selenium	78-2	507.63	510.13	510.05	509.27	0.28	ppb
Selenium	82-1	500.88	509.51	512.65	507.68	1.20	ppb
Silicon	28-1	547.08	557.99	558.98	554.68	1.19	ppb
Silver	109-1	517.01	524.88	523.39	521.76	0.80	ppb
Silver	107-1	519.75	524.16	521.13	521.68	0.43	ppb
Sodium	23-2	48887.01	49074.11	48967.62	48976.25	0.19	ppb
Strontium	86-1	496.29	502.94	508.13	502.45	1.18	ppb
Strontium	88-1	503.15	500.23	504.28	502.55	0.42	ppb
Sulfur	34-1	10177.02	10086.70	10015.72	10093.15	0.80	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	505.16	509.59	510.54	508.43	0.56	ppb
Thallium	205-1	502.92	507.20	505.90	505.34	0.43	ppb
Thorium	232-1	489.31	492.79	489.34	490.48	0.41	ppb
Tin	118-1	506.65	511.02	513.77	510.48	0.70	ppb
Titanium	47-1	2521.22	2527.30	2510.67	2519.73	0.33	ppb
Uranium	238-1	489.73	488.14	486.95	488.27	0.29	ppb
Vanadium	51-2	504.71	502.26	497.29	501.42	0.75	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116435BS	Instrumnet Name :	P7
Client Sample ID :	PB116435BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:48:50	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1024.83	1026.86	1034.10	1028.59	0.47	ppb
Zirconium	90-1	500.99	500.84	503.68	501.83	0.32	ppb
Zirconium	91-1	493.26	493.98	500.32	495.85	0.78	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-01	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:52:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.59	2.24	1.21	2.35	50.79	ppb
Antimony	121-1	0.11	0.13	0.14	0.13	13.91	ppb
Arsenic	75-2	0.16	0.07	0.07	0.10	49.28	ppb
Barium	135-1	0.50	0.52	0.52	0.51	1.53	ppb
Barium	137-1	0.48	0.47	0.53	0.49	6.91	ppb
Beryllium	9-1	0.06	0.07	0.07	0.06	12.05	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	8.34	7.91	7.27	7.84	6.89	ppb
Boron	11-1	8.28	7.92	7.01	7.73	8.50	ppb
Cadmium	111-1	0.15	0.16	0.09	0.13	29.33	ppb
Cadmium	106-1	0.93	1.17	0.24	0.78	62.25	ppb
Cadmium	108-1	0.09	0.13	0.10	0.11	17.45	ppb
Calcium	43-1	78.59	86.17	92.95	85.90	8.36	ppb
Calcium	44-1	83.24	88.65	86.13	86.01	3.14	ppb
Chromium	52-2	2.55	2.42	2.43	2.47	2.85	ppb
Cobalt	59-2	0.13	0.05	0.03	0.07	74.35	ppb
Copper	63-2	1.39	1.27	1.23	1.30	6.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				112		%
Iron	56-2	8.94	4.88	3.98	5.93	44.57	ppb
Iron	57-2	9.66	4.81	4.83	6.43	43.41	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.15	0.15	0.16	7.79	ppb
Lead	207-1	0.18	0.16	0.14	0.16	12.29	ppb
Lead	208-1	0.17	0.15	0.14	0.15	8.13	ppb
Lithium	6-1				108		%
Magnesium	24-2	17.42	8.12	6.69	10.74	54.25	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-01	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:52:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.39	0.23	0.24	0.29	31.29	ppb
Molybdenum	94-1	0.43	0.47	0.45	0.45	4.57	ppb
Molybdenum	95-1	0.52	0.52	0.49	0.51	3.98	ppb
Molybdenum	96-1	0.51	0.56	0.49	0.52	6.02	ppb
Molybdenum	97-1	0.50	0.47	0.51	0.49	4.19	ppb
Molybdenum	98-1	0.52	0.53	0.52	0.53	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.32	0.29	0.34	21.58	ppb
Phosphorus	31-2	-29.29	-27.10	-27.78	-28.06		ppb
Potassium	39-2	23.87	18.14	15.90	19.30	21.28	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	0.00	0.23	0.24	0.16	86.60	ppb
Selenium	78-2	0.10	-0.35	0.02	-0.08		ppb
Selenium	82-1	0.08	0.10	-0.09	0.03	349.31	ppb
Silicon	28-1	-1.01	-0.25	-0.83	-0.70		ppb
Silver	109-1	0.04	0.05	0.04	0.04	12.02	ppb
Silver	107-1	0.04	0.04	0.05	0.04	8.01	ppb
Sodium	23-2	52.11	44.90	40.72	45.91	12.56	ppb
Strontium	86-1	0.06	0.11	0.12	0.10	31.81	ppb
Strontium	88-1	0.12	0.12	0.12	0.12	1.50	ppb
Sulfur	34-1	-708.18	-486.84	-538.39	-577.80		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.12	0.10	0.09	0.11	11.50	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	3.02	ppb
Thorium	232-1	0.04	0.05	0.06	0.05	13.29	ppb
Tin	118-1	0.06	0.08	0.07	0.07	16.22	ppb
Titanium	47-1	0.23	0.27	0.26	0.25	8.72	ppb
Uranium	238-1	0.03	0.04	0.04	0.04	11.94	ppb
Vanadium	51-2	0.13	0.05	0.04	0.07	67.82	ppb
Yttrium	89-1				111		%
Yttrium	89-2				111		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-01	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:52:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.00	7.74	7.53	7.76	2.99	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	8.29	ppb
Zirconium	91-1	0.04	0.04	0.05	0.04	6.95	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-01	Instrumnet Name :	P7
Client Sample ID :	WP022MW004-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:56:05	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.63	25.29	24.08	25.00	3.26	ppb
Antimony	121-1	1.02	0.90	0.81	0.91	11.73	ppb
Arsenic	75-2	1.07	1.11	1.20	1.13	5.68	ppb
Barium	135-1	158.90	157.94	156.07	157.64	0.91	ppb
Barium	137-1	158.22	158.53	156.36	157.70	0.75	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	31.21	ppb
Bismuth	209-1				87		%
Bismuth	209-2				83		%
Boron	10-1	305.62	299.79	306.76	304.05	1.23	ppb
Boron	11-1	315.50	317.09	318.38	316.99	0.46	ppb
Cadmium	111-1	0.37	0.31	0.23	0.31	22.39	ppb
Cadmium	106-1	0.59	-0.14	-0.48	-0.01		ppb
Cadmium	108-1	0.38	0.31	0.29	0.33	14.07	ppb
Calcium	43-1	143731.34	141242.68	143105.56	142693.19	0.91	ppb
Calcium	44-1	142607.88	141573.24	141842.54	142007.89	0.38	ppb
Chromium	52-2	1.55	1.44	1.41	1.47	4.79	ppb
Cobalt	59-2	1.52	1.53	1.58	1.54	2.11	ppb
Copper	63-2	5.29	5.42	5.25	5.32	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	46.60	46.33	47.31	46.75	1.08	ppb
Iron	57-2	335.10	336.96	343.76	338.61	1.35	ppb
Krypton	83-1						cps
Lead	206-1	0.84	0.64	0.54	0.67	22.15	ppb
Lead	207-1	0.85	0.62	0.54	0.67	23.89	ppb
Lead	208-1	0.82	0.63	0.53	0.66	22.28	ppb
Lithium	6-1				103		%
Magnesium	24-2	29493.69	29088.46	29084.34	29222.17	0.80	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-01	Instrumnet Name :	P7
Client Sample ID :	WP022MW004-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:56:05	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	70.55	70.61	70.65	70.60	0.08	ppb
Molybdenum	94-1	0.73	0.76	0.77	0.75	3.13	ppb
Molybdenum	95-1	0.85	0.89	0.87	0.87	2.53	ppb
Molybdenum	96-1	0.86	0.80	0.85	0.84	3.70	ppb
Molybdenum	97-1	1.00	0.95	0.97	0.98	2.78	ppb
Molybdenum	98-1	0.84	0.85	0.91	0.87	4.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.54	17.68	17.59	17.60	0.40	ppb
Phosphorus	31-2	10.27	9.65	11.91	10.61	10.99	ppb
Potassium	39-2	2088.78	2075.60	2090.05	2084.81	0.38	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	3.23	2.29	3.02	2.85	17.33	ppb
Selenium	78-2	0.39	0.49	0.47	0.45	12.20	ppb
Selenium	82-1	0.97	1.24	1.17	1.13	12.20	ppb
Silicon	28-1	8899.06	8839.18	8905.37	8881.20	0.41	ppb
Silver	109-1	1.15	0.83	0.62	0.87	31.03	ppb
Silver	107-1	1.18	0.85	0.67	0.90	28.83	ppb
Sodium	23-2	58066.63	57748.89	58090.32	57968.62	0.33	ppb
Strontium	86-1	833.24	832.61	821.88	829.25	0.77	ppb
Strontium	88-1	828.19	834.26	826.21	829.55	0.51	ppb
Sulfur	34-1	36082.08	35514.19	35774.57	35790.28	0.79	ppb
Terbium	159-1				98		%
Terbium	159-2				92		%
Thallium	203-1	2.24	1.54	1.20	1.66	32.09	ppb
Thallium	205-1	2.11	1.53	1.18	1.61	29.02	ppb
Thorium	232-1	0.11	0.09	0.08	0.09	15.56	ppb
Tin	118-1	0.64	0.67	0.65	0.65	2.40	ppb
Titanium	47-1	2.00	1.93	2.01	1.98	2.22	ppb
Uranium	238-1	2.13	2.08	2.11	2.10	1.18	ppb
Vanadium	51-2	1.21	1.23	1.19	1.21	1.86	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-01	Instrumnet Name :	P7
Client Sample ID :	WP022MW004-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:56:05	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.03	6.11	6.00	6.05	0.88	ppb
Zirconium	90-1	0.09	0.10	0.11	0.10	8.81	ppb
Zirconium	91-1	0.10	0.11	0.10	0.10	6.53	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-02 Instrumnet Name : P7
 Client Sample ID : WP022MW102-190109 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:59:46 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.35	2.52	2.81	2.56	8.98	ppb
Antimony	121-1	0.86	0.95	0.98	0.93	6.92	ppb
Arsenic	75-2	8.13	8.47	8.30	8.30	2.02	ppb
Barium	135-1	47.63	47.05	45.11	46.60	2.84	ppb
Barium	137-1	48.22	47.94	45.32	47.16	3.39	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	7.92	ppb
Bismuth	209-1				71		%
Bismuth	209-2				66		%
Boron	10-1	340.08	343.48	337.26	340.27	0.92	ppb
Boron	11-1	355.92	361.80	353.08	356.93	1.25	ppb
Cadmium	111-1	1.90	1.89	1.70	1.83	6.01	ppb
Cadmium	106-1	1.80	1.01	0.77	1.20	45.33	ppb
Cadmium	108-1	2.34	1.99	2.16	2.16	8.11	ppb
Calcium	43-1	373766.59	375024.70	356583.91	368458.40	2.80	ppb
Calcium	44-1	370564.61	372706.96	355185.30	366152.29	2.61	ppb
Chromium	52-2	4.41	4.55	4.49	4.49	1.64	ppb
Cobalt	59-2	47.52	48.43	47.55	47.83	1.08	ppb
Copper	63-2	173.91	177.85	175.15	175.63	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				84		%
Indium	115-1				82		%
Indium	115-2				78		%
Iron	56-2	2656.13	2690.12	2650.21	2665.49	0.81	ppb
Iron	57-2	3336.95	3392.79	3365.29	3365.01	0.83	ppb
Krypton	83-1						cps
Lead	206-1	8.10	8.01	7.74	7.95	2.32	ppb
Lead	207-1	7.20	7.12	6.97	7.10	1.63	ppb
Lead	208-1	7.63	7.52	7.32	7.49	2.11	ppb
Lithium	6-1				88		%
Magnesium	24-2	72231.29	73589.79	72859.55	72893.54	0.93	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-02	Instrumnet Name :	P7
Client Sample ID :	WP022MW102-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:59:46	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	897.06	919.72	906.58	907.79	1.25	ppb
Molybdenum	94-1	2.89	2.97	2.71	2.86	4.53	ppb
Molybdenum	95-1	1.94	1.84	1.81	1.86	3.47	ppb
Molybdenum	96-1	1.95	2.01	1.81	1.92	5.34	ppb
Molybdenum	97-1	1.97	1.99	1.81	1.92	5.22	ppb
Molybdenum	98-1	1.92	1.90	1.77	1.87	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.28	525.31	518.90	519.17	1.16	ppb
Phosphorus	31-2	63.27	61.62	76.21	67.03	11.92	ppb
Potassium	39-2	7167.87	7292.22	7262.55	7240.88	0.90	ppb
Rhodium	103-1				76		%
Rhodium	103-2				73		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	77-2	2.26	4.60	4.10	3.65	33.74	ppb
Selenium	78-2	1.61	0.67	1.30	1.19	40.39	ppb
Selenium	82-1	3.00	3.20	2.67	2.96	8.94	ppb
Silicon	28-1	10007.24	10030.85	9523.13	9853.74	2.91	ppb
Silver	109-1	0.24	0.20	0.19	0.21	12.35	ppb
Silver	107-1	0.24	0.21	0.19	0.22	11.94	ppb
Sodium	23-2	1043816.05	1059179.93	1039472.26	1047489.41	0.99	ppb
Strontium	86-1	1587.56	1586.11	1499.31	1557.66	3.24	ppb
Strontium	88-1	1606.08	1598.27	1515.51	1573.29	3.19	ppb
Sulfur	34-1	723394.78	726579.97	690498.66	713491.14	2.80	ppb
Terbium	159-1				89		%
Terbium	159-2				82		%
Thallium	203-1	0.47	0.41	0.35	0.41	15.33	ppb
Thallium	205-1	0.43	0.39	0.38	0.40	7.00	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	4.42	ppb
Tin	118-1	0.50	0.49	0.45	0.48	5.29	ppb
Titanium	47-1	1.81	1.96	1.97	1.92	4.66	ppb
Uranium	238-1	9.93	9.97	9.54	9.81	2.46	ppb
Vanadium	51-2	3.60	3.56	3.55	3.57	0.65	ppb
Yttrium	89-1				90		%
Yttrium	89-2				86		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-02	Instrumnet Name :	P7
Client Sample ID :	WP022MW102-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:59:46	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	116.16	117.74	117.15	117.02	0.68	ppb
Zirconium	90-1	1.01	1.02	0.99	1.01	1.46	ppb
Zirconium	91-1	1.12	1.05	0.99	1.06	5.82	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-03	Instrumnet Name :	P7
Client Sample ID :	WP022RW358-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:03:31	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71.97	72.00	73.48	72.48	1.19	ppb
Antimony	121-1	0.95	0.95	0.98	0.96	1.71	ppb
Arsenic	75-2	3.21	3.13	3.17	3.17	1.25	ppb
Barium	135-1	52.92	52.70	51.56	52.39	1.39	ppb
Barium	137-1	52.55	52.69	52.32	52.52	0.36	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	23.93	ppb
Bismuth	209-1				79		%
Bismuth	209-2				73		%
Boron	10-1	351.31	361.24	358.04	356.86	1.42	ppb
Boron	11-1	365.76	372.34	374.83	370.98	1.26	ppb
Cadmium	111-1	0.13	0.04	0.10	0.09	49.64	ppb
Cadmium	106-1	-0.60	-1.48	-0.87	-0.99		ppb
Cadmium	108-1	0.26	0.32	0.18	0.25	26.68	ppb
Calcium	43-1	225906.72	225013.83	228087.13	226335.90	0.70	ppb
Calcium	44-1	226314.97	222751.06	225424.73	224830.25	0.82	ppb
Chromium	52-2	1.71	1.65	1.70	1.68	1.93	ppb
Cobalt	59-2	1.75	1.75	1.78	1.76	0.82	ppb
Copper	63-2	8.21	8.19	8.19	8.20	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				86		%
Indium	115-1				86		%
Indium	115-2				79		%
Iron	56-2	572.57	573.57	574.25	573.47	0.15	ppb
Iron	57-2	1040.26	1041.47	1028.53	1036.75	0.69	ppb
Krypton	83-1						cps
Lead	206-1	0.56	0.55	0.56	0.56	0.78	ppb
Lead	207-1	0.54	0.51	0.49	0.51	5.05	ppb
Lead	208-1	0.55	0.54	0.52	0.54	2.13	ppb
Lithium	6-1				90		%
Magnesium	24-2	40692.80	40724.85	40499.94	40639.20	0.30	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-03 Instrumnet Name : P7
 Client Sample ID : WP022RW358-190109 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:03:31 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	633.53	637.48	632.45	634.49	0.42	ppb
Molybdenum	94-1	1.52	1.42	1.44	1.46	3.84	ppb
Molybdenum	95-1	1.51	1.55	1.53	1.53	1.36	ppb
Molybdenum	96-1	1.48	1.52	1.48	1.49	1.57	ppb
Molybdenum	97-1	1.53	1.67	1.58	1.59	4.30	ppb
Molybdenum	98-1	1.54	1.54	1.55	1.54	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.18	41.17	40.63	40.66	1.22	ppb
Phosphorus	31-2	34.51	28.78	59.79	41.03	40.21	ppb
Potassium	39-2	3559.98	3532.24	3540.10	3544.11	0.40	ppb
Rhodium	103-1				81		%
Rhodium	103-2				77		%
Scandium	45-1				88		%
Scandium	45-2				81		%
Selenium	77-2	3.33	3.19	1.77	2.76	31.26	ppb
Selenium	78-2	0.73	1.04	1.46	1.07	33.92	ppb
Selenium	82-1	0.90	1.09	0.90	0.96	11.66	ppb
Silicon	28-1	8322.51	8255.34	8323.77	8300.54	0.47	ppb
Silver	109-1	0.18	0.16	0.14	0.16	10.59	ppb
Silver	107-1	0.18	0.16	0.15	0.17	8.18	ppb
Sodium	23-2	423965.32	427175.14	422144.92	424428.46	0.60	ppb
Strontium	86-1	1041.10	1034.61	1028.25	1034.66	0.62	ppb
Strontium	88-1	1043.40	1040.98	1030.57	1038.32	0.66	ppb
Sulfur	34-1	278881.65	278589.58	280049.72	279173.65	0.28	ppb
Terbium	159-1				93		%
Terbium	159-2				85		%
Thallium	203-1	0.27	0.26	0.24	0.26	6.60	ppb
Thallium	205-1	0.27	0.25	0.24	0.25	6.04	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	0.42	ppb
Tin	118-1	0.37	0.36	0.37	0.36	0.42	ppb
Titanium	47-1	2.73	2.63	2.53	2.63	3.84	ppb
Uranium	238-1	5.87	6.02	5.99	5.96	1.28	ppb
Vanadium	51-2	1.53	1.61	1.59	1.58	2.84	ppb
Yttrium	89-1				89		%
Yttrium	89-2				82		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-03	Instrumnet Name :	P7
Client Sample ID :	WP022RW358-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:03:31	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.39	13.34	13.27	13.33	0.44	ppb
Zirconium	90-1	0.27	0.25	0.23	0.25	8.93	ppb
Zirconium	91-1	0.27	0.26	0.26	0.26	3.44	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-04	Instrumnet Name :	P7
Client Sample ID :	WP022MW357-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:07:13	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.94	14.97	15.35	15.09	1.53	ppb
Antimony	121-1	0.90	0.90	0.91	0.90	0.88	ppb
Arsenic	75-2	0.88	0.80	0.98	0.88	9.82	ppb
Barium	135-1	33.28	32.17	31.68	32.38	2.53	ppb
Barium	137-1	33.43	31.91	32.00	32.45	2.63	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	19.68	ppb
Bismuth	209-1				75		%
Bismuth	209-2				68		%
Boron	10-1	318.58	320.29	319.72	319.53	0.27	ppb
Boron	11-1	336.75	335.48	335.88	336.03	0.19	ppb
Cadmium	111-1	0.09	0.05	0.00	0.04	104.62	ppb
Cadmium	106-1	-0.32	-0.81	-1.49	-0.87		ppb
Cadmium	108-1	0.18	0.22	0.14	0.18	21.80	ppb
Calcium	43-1	538100.72	517992.00	520704.03	525598.92	2.08	ppb
Calcium	44-1	533876.53	516144.77	519748.56	523256.62	1.79	ppb
Chromium	52-2	1.12	1.11	1.18	1.13	3.17	ppb
Cobalt	59-2	11.39	11.37	11.33	11.36	0.24	ppb
Copper	63-2	10.48	10.51	10.43	10.48	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				84		%
Indium	115-1				83		%
Indium	115-2				75		%
Iron	56-2	64.56	64.14	64.02	64.24	0.44	ppb
Iron	57-2	1136.59	1143.67	1149.54	1143.27	0.57	ppb
Krypton	83-1						cps
Lead	206-1	0.54	0.50	0.52	0.52	3.97	ppb
Lead	207-1	0.46	0.42	0.46	0.45	4.79	ppb
Lead	208-1	0.50	0.47	0.48	0.48	3.61	ppb
Lithium	6-1				86		%
Magnesium	24-2	83814.97	82883.06	83116.03	83271.35	0.58	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-04	Instrumnet Name :	P7
Client Sample ID :	WP022MW357-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:07:13	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	403.22	400.97	400.32	401.50	0.38	ppb
Molybdenum	94-1	1.31	1.28	1.25	1.28	2.62	ppb
Molybdenum	95-1	1.39	1.34	1.30	1.34	3.40	ppb
Molybdenum	96-1	1.35	1.26	1.32	1.31	3.72	ppb
Molybdenum	97-1	1.45	1.41	1.36	1.41	3.29	ppb
Molybdenum	98-1	1.34	1.30	1.34	1.33	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.81	87.60	87.09	87.50	0.43	ppb
Phosphorus	31-2	4.07	3.98	9.59	5.88	54.70	ppb
Potassium	39-2	2369.41	2395.53	2367.13	2377.36	0.66	ppb
Rhodium	103-1				76		%
Rhodium	103-2				72		%
Scandium	45-1				85		%
Scandium	45-2				78		%
Selenium	77-2	2.15	3.14	3.44	2.91	23.24	ppb
Selenium	78-2	0.51	0.68	0.28	0.49	41.09	ppb
Selenium	82-1	2.29	1.87	1.89	2.01	11.74	ppb
Silicon	28-1	7253.76	7011.99	7073.04	7112.93	1.77	ppb
Silver	109-1	0.13	0.11	0.10	0.11	14.98	ppb
Silver	107-1	0.13	0.11	0.11	0.12	7.83	ppb
Sodium	23-2	604110.14	600962.39	605867.28	603646.60	0.41	ppb
Strontium	86-1	1592.96	1561.39	1573.48	1575.94	1.01	ppb
Strontium	88-1	1599.12	1572.37	1573.76	1581.75	0.95	ppb
Sulfur	34-1	558828.51	541595.68	540054.96	546826.38	1.91	ppb
Terbium	159-1				92		%
Terbium	159-2				82		%
Thallium	203-1	0.18	0.16	0.15	0.16	8.89	ppb
Thallium	205-1	0.17	0.16	0.14	0.16	7.83	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	11.30	ppb
Tin	118-1	0.29	0.30	0.31	0.30	3.83	ppb
Titanium	47-1	1.92	1.83	1.98	1.91	3.91	ppb
Uranium	238-1	15.52	15.14	15.29	15.32	1.26	ppb
Vanadium	51-2	2.43	2.44	2.48	2.45	1.14	ppb
Yttrium	89-1				86		%
Yttrium	89-2				79		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-04	Instrumnet Name :	P7
Client Sample ID :	WP022MW357-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:07:13	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.15	11.72	11.84	11.90	1.86	ppb
Zirconium	90-1	0.23	0.24	0.28	0.25	9.03	ppb
Zirconium	91-1	0.24	0.26	0.27	0.26	6.04	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:10:56	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.08	7.19	3.99	5.42	30.04	ppb
Antimony	121-1	0.76	0.75	0.76	0.76	0.65	ppb
Arsenic	75-2	23.71	23.71	23.51	23.64	0.50	ppb
Barium	135-1	28.52	28.66	29.06	28.75	0.98	ppb
Barium	137-1	29.13	29.12	29.40	29.21	0.54	ppb
Beryllium	9-1	0.03	0.02	0.02	0.03	31.24	ppb
Bismuth	209-1				77		%
Bismuth	209-2				70		%
Boron	10-1	186.01	187.79	187.58	187.13	0.52	ppb
Boron	11-1	195.72	196.93	196.98	196.54	0.36	ppb
Cadmium	111-1	-0.02	-0.06	-0.08	-0.05		ppb
Cadmium	106-1	-0.68	-1.09	-1.33	-1.03		ppb
Cadmium	108-1	0.06	0.07	0.09	0.07	25.69	ppb
Calcium	43-1	460669.68	457426.60	462567.85	460221.38	0.56	ppb
Calcium	44-1	459628.00	458832.87	461649.44	460036.77	0.32	ppb
Chromium	52-2	0.93	0.88	0.92	0.91	3.04	ppb
Cobalt	59-2	116.30	117.92	117.81	117.34	0.77	ppb
Copper	63-2	3.24	3.44	3.35	3.34	3.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				85		%
Indium	115-1				83		%
Indium	115-2				76		%
Iron	56-2	22997.50	23123.87	22940.65	23020.67	0.41	ppb
Iron	57-2	23103.21	23423.87	23387.93	23305.01	0.75	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.33	0.33	0.33	1.53	ppb
Lead	207-1	0.30	0.33	0.31	0.31	4.56	ppb
Lead	208-1	0.30	0.32	0.31	0.31	2.18	ppb
Lithium	6-1				83		%
Magnesium	24-2	68367.97	69323.63	68974.19	68888.60	0.70	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:10:56	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4452.62	4444.44	4432.69	4443.25	0.23	ppb
Molybdenum	94-1	2.09	2.16	2.07	2.11	2.12	ppb
Molybdenum	95-1	2.32	2.32	2.34	2.32	0.54	ppb
Molybdenum	96-1	2.33	2.35	2.43	2.37	2.15	ppb
Molybdenum	97-1	2.24	2.30	2.41	2.31	3.66	ppb
Molybdenum	98-1	2.19	2.30	2.28	2.26	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	183.55	186.31	185.82	185.23	0.80	ppb
Phosphorus	31-2	21.55	37.20	20.67	26.48	35.12	ppb
Potassium	39-2	2282.18	2299.15	2296.75	2292.70	0.40	ppb
Rhodium	103-1				77		%
Rhodium	103-2				72		%
Scandium	45-1				82		%
Scandium	45-2				76		%
Selenium	77-2	2.51	3.04	1.68	2.41	28.48	ppb
Selenium	78-2	0.15	0.27	-0.02	0.13	109.46	ppb
Selenium	82-1	-1.41	-1.99	-2.40	-1.93		ppb
Silicon	28-1	6029.10	6003.26	6035.09	6022.48	0.28	ppb
Silver	109-1	0.09	0.09	0.08	0.09	7.64	ppb
Silver	107-1	0.09	0.09	0.08	0.08	2.72	ppb
Sodium	23-2	438341.43	441325.28	440478.98	440048.56	0.35	ppb
Strontium	86-1	1124.75	1135.65	1142.27	1134.22	0.78	ppb
Strontium	88-1	1145.33	1142.24	1152.05	1146.54	0.44	ppb
Sulfur	34-1	448997.36	445393.91	450321.66	448237.65	0.57	ppb
Terbium	159-1				91		%
Terbium	159-2				83		%
Thallium	203-1	0.13	0.10	0.10	0.11	16.20	ppb
Thallium	205-1	0.11	0.11	0.09	0.10	10.66	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	10.21	ppb
Tin	118-1	0.24	0.26	0.30	0.27	9.90	ppb
Titanium	47-1	2.92	2.83	3.02	2.92	3.31	ppb
Uranium	238-1	1.35	1.38	1.36	1.36	1.05	ppb
Vanadium	51-2	22.66	22.71	23.01	22.80	0.82	ppb
Yttrium	89-1				85		%
Yttrium	89-2				78		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:10:56	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.08	11.42	11.11	11.21	1.67	ppb
Zirconium	90-1	0.34	0.35	0.38	0.36	4.86	ppb
Zirconium	91-1	0.39	0.38	0.39	0.39	1.81	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05DUP Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109D Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:14:37 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.90	3.66	2.86	3.14	14.40	ppb
Antimony	121-1	0.76	0.75	0.79	0.77	2.76	ppb
Arsenic	75-2	24.51	23.46	24.15	24.04	2.21	ppb
Barium	135-1	29.34	29.41	28.94	29.23	0.88	ppb
Barium	137-1	29.45	29.34	28.90	29.23	0.98	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	9.30	ppb
Bismuth	209-1				77		%
Bismuth	209-2				69		%
Boron	10-1	185.21	183.00	185.06	184.42	0.67	ppb
Boron	11-1	193.93	194.08	191.86	193.29	0.64	ppb
Cadmium	111-1	-0.05	-0.10	-0.05	-0.07		ppb
Cadmium	106-1	-1.01	-1.56	-0.86	-1.14		ppb
Cadmium	108-1	0.07	0.08	0.07	0.07	5.30	ppb
Calcium	43-1	466581.79	459762.60	457434.14	461259.51	1.03	ppb
Calcium	44-1	466082.61	458114.18	456336.97	460177.92	1.13	ppb
Chromium	52-2	0.90	0.92	0.92	0.92	1.16	ppb
Cobalt	59-2	118.67	118.39	116.70	117.92	0.90	ppb
Copper	63-2	3.29	3.32	3.32	3.31	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				83		%
Indium	115-1				82		%
Indium	115-2				74		%
Iron	56-2	23253.62	23268.47	22940.53	23154.21	0.80	ppb
Iron	57-2	23572.50	23510.37	23399.67	23494.18	0.37	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.32	0.32	0.32	3.28	ppb
Lead	207-1	0.28	0.27	0.29	0.28	2.85	ppb
Lead	208-1	0.30	0.29	0.30	0.30	1.14	ppb
Lithium	6-1				82		%
Magnesium	24-2	68733.83	68767.38	68271.99	68591.07	0.40	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05DUP	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109D	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:14:37	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4481.59	4469.13	4429.64	4460.12	0.61	ppb
Molybdenum	94-1	2.13	2.14	2.16	2.14	0.75	ppb
Molybdenum	95-1	2.37	2.36	2.29	2.34	1.84	ppb
Molybdenum	96-1	2.36	2.44	2.39	2.40	1.68	ppb
Molybdenum	97-1	2.23	2.35	2.39	2.32	3.47	ppb
Molybdenum	98-1	2.29	2.22	2.21	2.24	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	187.28	186.57	185.28	186.37	0.54	ppb
Phosphorus	31-2	35.16	20.16	15.98	23.77	42.44	ppb
Potassium	39-2	2282.21	2296.33	2275.87	2284.80	0.46	ppb
Rhodium	103-1				77		%
Rhodium	103-2				72		%
Scandium	45-1				82		%
Scandium	45-2				74		%
Selenium	77-2	1.71	1.70	2.56	1.99	24.74	ppb
Selenium	78-2	0.23	0.08	0.20	0.17	48.19	ppb
Selenium	82-1	-2.56	-3.30	-3.28	-3.05		ppb
Silicon	28-1	6061.49	5955.96	5982.00	5999.82	0.92	ppb
Silver	109-1	0.08	0.07	0.06	0.07	14.02	ppb
Silver	107-1	0.08	0.07	0.07	0.07	10.46	ppb
Sodium	23-2	442497.88	443490.16	437577.48	441188.51	0.72	ppb
Strontium	86-1	1134.37	1150.08	1150.84	1145.10	0.81	ppb
Strontium	88-1	1155.21	1151.51	1146.35	1151.02	0.39	ppb
Sulfur	34-1	450255.83	443795.46	442426.29	445492.53	0.94	ppb
Terbium	159-1				92		%
Terbium	159-2				82		%
Thallium	203-1	0.10	0.09	0.07	0.09	18.48	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	10.54	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	17.92	ppb
Tin	118-1	0.26	0.29	0.26	0.27	5.34	ppb
Titanium	47-1	3.12	3.00	3.04	3.05	2.02	ppb
Uranium	238-1	1.36	1.36	1.34	1.36	1.18	ppb
Vanadium	51-2	22.90	23.15	22.64	22.89	1.11	ppb
Yttrium	89-1				84		%
Yttrium	89-2				77		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05DUP	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109D	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:14:37	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.00	10.94	11.18	11.04	1.09	ppb
Zirconium	90-1	0.35	0.34	0.35	0.35	1.21	ppb
Zirconium	91-1	0.36	0.37	0.37	0.37	1.28	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:18:19	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51551.95	51810.08	51681.11	51681.05	0.25	ppb
Antimony	121-1	470.43	466.06	470.36	468.95	0.53	ppb
Arsenic	75-2	476.17	468.97	475.36	473.50	0.83	ppb
Barium	135-1	2485.54	2456.65	2484.66	2475.62	0.66	ppb
Barium	137-1	2497.25	2471.82	2492.15	2487.07	0.54	ppb
Beryllium	9-1	484.62	482.88	488.07	485.19	0.54	ppb
Bismuth	209-1				83		%
Bismuth	209-2				75		%
Boron	10-1	479.21	488.48	501.66	489.78	2.30	ppb
Boron	11-1	486.10	490.92	502.80	493.27	1.74	ppb
Cadmium	111-1	452.23	451.67	454.52	452.81	0.33	ppb
Cadmium	106-1	458.01	458.08	457.46	457.85	0.07	ppb
Cadmium	108-1	453.98	456.63	458.49	456.37	0.50	ppb
Calcium	43-1	244892.42	247628.18	249469.65	247330.08	0.93	ppb
Calcium	44-1	244792.01	248241.78	248056.98	247030.25	0.79	ppb
Chromium	52-2	517.91	517.13	514.93	516.66	0.30	ppb
Cobalt	59-2	516.11	513.10	511.64	513.62	0.44	ppb
Copper	63-2	993.54	988.92	977.10	986.52	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				91		%
Indium	115-1				87		%
Indium	115-2				83		%
Iron	56-2	130669.34	130744.92	130696.72	130703.66	0.03	ppb
Iron	57-2	131026.33	131073.52	131180.02	131093.29	0.06	ppb
Krypton	83-1						cps
Lead	206-1	532.96	537.00	532.69	534.22	0.45	ppb
Lead	207-1	526.48	528.14	528.58	527.73	0.21	ppb
Lead	208-1	528.14	530.53	529.70	529.46	0.23	ppb
Lithium	6-1				82		%
Magnesium	24-2	255449.94	256200.10	255174.93	255608.32	0.21	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:18:19	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1002.66	998.10	995.48	998.75	0.36	ppb
Molybdenum	94-1	2579.43	2594.59	2573.74	2582.59	0.42	ppb
Molybdenum	95-1	2588.90	2575.09	2564.53	2576.17	0.47	ppb
Molybdenum	96-1	2595.28	2573.67	2558.87	2575.94	0.71	ppb
Molybdenum	97-1	2593.32	2574.60	2552.35	2573.42	0.80	ppb
Molybdenum	98-1	2576.70	2570.47	2555.45	2567.54	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.71	503.02	502.66	502.80	0.04	ppb
Phosphorus	31-2	9416.00	9552.06	9646.24	9538.10	1.21	ppb
Potassium	39-2	119260.05	119658.98	119811.89	119576.97	0.24	ppb
Rhodium	103-1				81		%
Rhodium	103-2				78		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	77-2	461.08	444.84	454.40	453.44	1.80	ppb
Selenium	78-2	455.37	457.21	453.65	455.41	0.39	ppb
Selenium	82-1	463.14	461.35	460.38	461.62	0.30	ppb
Silicon	28-1	466.09	480.67	489.66	478.81	2.48	ppb
Silver	109-1	452.08	448.12	456.18	452.12	0.89	ppb
Silver	107-1	452.44	453.80	454.04	453.42	0.19	ppb
Sodium	23-2	247202.89	248538.90	247171.29	247637.69	0.32	ppb
Strontium	86-1	513.58	516.03	513.14	514.25	0.30	ppb
Strontium	88-1	513.18	513.64	512.65	513.16	0.10	ppb
Sulfur	34-1	9666.72	9755.97	9881.91	9768.20	1.11	ppb
Terbium	159-1				98		%
Terbium	159-2				89		%
Thallium	203-1	540.61	543.55	540.91	541.69	0.30	ppb
Thallium	205-1	540.02	544.34	538.78	541.05	0.54	ppb
Thorium	232-1	558.72	552.98	554.00	555.23	0.55	ppb
Tin	118-1	488.68	485.78	492.28	488.92	0.67	ppb
Titanium	47-1	2528.62	2536.81	2556.70	2540.71	0.57	ppb
Uranium	238-1	557.05	555.23	545.02	552.43	1.17	ppb
Vanadium	51-2	517.18	516.34	517.50	517.01	0.12	ppb
Yttrium	89-1				90		%
Yttrium	89-2				86		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:18:19	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1166.06	1155.10	1156.73	1159.29	0.51	ppb
Zirconium	90-1	514.90	513.34	514.07	514.10	0.15	ppb
Zirconium	91-1	511.38	510.82	511.53	511.24	0.07	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB65 Instrumnet Name : P7
 Client Sample ID : CCB65 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:22:02 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.85	2.99	2.18	2.34	25.13	ppb
Antimony	121-1	0.19	0.19	0.17	0.18	4.90	ppb
Arsenic	75-2	0.04	0.04	0.05	0.04	19.14	ppb
Barium	135-1	0.12	0.17	0.14	0.14	17.93	ppb
Barium	137-1	0.09	0.17	0.14	0.13	28.94	ppb
Beryllium	9-1	0.05	0.07	0.06	0.06	14.00	ppb
Bismuth	209-1				100		%
Bismuth	209-2				89		%
Boron	10-1	12.49	11.79	10.95	11.75	6.53	ppb
Boron	11-1	13.30	12.18	11.40	12.29	7.75	ppb
Cadmium	111-1	0.05	0.04	0.00	0.03	86.13	ppb
Cadmium	106-1	-0.08	-0.27	-0.59	-0.31		ppb
Cadmium	108-1	0.08	0.04	0.05	0.06	36.29	ppb
Calcium	43-1	19.54	22.88	23.06	21.83	9.07	ppb
Calcium	44-1	18.74	22.07	21.97	20.92	9.06	ppb
Chromium	52-2	0.13	0.22	0.19	0.18	23.81	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	19.28	ppb
Copper	63-2	0.82	0.96	0.86	0.88	8.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				91		%
Indium	115-1				98		%
Indium	115-2				87		%
Iron	56-2	7.22	7.40	5.85	6.82	12.42	ppb
Iron	57-2	8.98	7.34	6.67	7.67	15.50	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.06	0.05	7.70	ppb
Lead	207-1	0.04	0.05	0.04	0.04	4.46	ppb
Lead	208-1	0.05	0.05	0.05	0.05	3.65	ppb
Lithium	6-1				90		%
Magnesium	24-2	13.50	13.84	11.11	12.82	11.62	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:22:02	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.13	0.09	0.10	24.68	ppb
Molybdenum	94-1	0.46	0.41	0.32	0.40	17.74	ppb
Molybdenum	95-1	0.54	0.48	0.44	0.49	11.19	ppb
Molybdenum	96-1	0.54	0.47	0.42	0.48	12.34	ppb
Molybdenum	97-1	0.55	0.47	0.45	0.49	10.86	ppb
Molybdenum	98-1	0.51	0.49	0.43	0.48	8.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	0.03	0.03	33.24	ppb
Phosphorus	31-2	-30.66	-27.07	-28.30	-28.68		ppb
Potassium	39-2	13.26	21.90	14.73	16.63	27.79	ppb
Rhodium	103-1				97		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				80		%
Selenium	77-2	0.15	0.17	0.00	0.10	87.06	ppb
Selenium	78-2	-0.25	0.07	0.13	-0.01		ppb
Selenium	82-1	0.07	0.14	0.13	0.12	32.32	ppb
Silicon	28-1	12.82	11.61	10.98	11.80	7.93	ppb
Silver	109-1	0.13	0.12	0.11	0.12	7.28	ppb
Silver	107-1	0.12	0.12	0.12	0.12	0.67	ppb
Sodium	23-2	74.24	85.92	69.86	76.67	10.83	ppb
Strontium	86-1	0.02	0.01	0.04	0.02	63.97	ppb
Strontium	88-1	0.04	0.05	0.05	0.05	13.34	ppb
Sulfur	34-1	-389.15	-348.75	-323.67	-353.86		ppb
Terbium	159-1				101		%
Terbium	159-2				90		%
Thallium	203-1	0.12	0.13	0.11	0.12	7.92	ppb
Thallium	205-1	0.12	0.11	0.11	0.11	6.16	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	6.16	ppb
Tin	118-1	0.07	0.07	0.06	0.07	5.73	ppb
Titanium	47-1	0.19	0.19	0.23	0.20	12.59	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.29	ppb
Vanadium	51-2	0.03	0.03	0.02	0.03	19.95	ppb
Yttrium	89-1				96		%
Yttrium	89-2				85		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:22:02	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.32	0.32	0.25	0.30	13.73	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	3.32	ppb
Zirconium	91-1	0.04	0.04	0.03	0.04	16.76	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05LX5 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109L Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 16:25:38 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.82	1.08	1.49	1.13	29.59	ppb
Antimony	121-1	0.53	0.49	0.46	0.49	7.16	ppb
Arsenic	75-2	4.92	4.88	4.71	4.84	2.32	ppb
Barium	135-1	5.86	5.83	5.83	5.84	0.31	ppb
Barium	137-1	5.80	5.96	5.78	5.85	1.63	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	23.63	ppb
Bismuth	209-1				91		%
Bismuth	209-2				84		%
Boron	10-1	43.61	44.35	43.43	43.80	1.11	ppb
Boron	11-1	45.14	45.73	44.65	45.17	1.20	ppb
Cadmium	111-1	0.01	-0.01	-0.03	-0.01		ppb
Cadmium	106-1	-0.24	-0.75	-0.86	-0.61		ppb
Cadmium	108-1	0.07	0.01	0.05	0.04	66.59	ppb
Calcium	43-1	93011.90	91142.09	91545.98	91899.99	1.07	ppb
Calcium	44-1	91774.64	91270.82	91160.82	91402.09	0.36	ppb
Chromium	52-2	0.48	0.44	0.44	0.46	4.76	ppb
Cobalt	59-2	24.47	24.41	24.32	24.40	0.31	ppb
Copper	63-2	1.59	1.59	1.61	1.59	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				92		%
Indium	115-1				92		%
Indium	115-2				85		%
Iron	56-2	4778.84	4713.11	4764.74	4752.23	0.73	ppb
Iron	57-2	4808.75	4837.62	4851.26	4832.54	0.45	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.06	0.07	10.89	ppb
Lead	207-1	0.07	0.07	0.05	0.07	14.66	ppb
Lead	208-1	0.07	0.07	0.06	0.07	8.53	ppb
Lithium	6-1				85		%
Magnesium	24-2	13924.52	13729.21	13802.03	13818.59	0.71	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05LX5 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109L Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 16:25:38 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	889.05	883.58	892.81	888.48	0.52	ppb
Molybdenum	94-1	0.47	0.52	0.51	0.50	4.88	ppb
Molybdenum	95-1	0.53	0.56	0.54	0.54	2.68	ppb
Molybdenum	96-1	0.56	0.57	0.55	0.56	2.45	ppb
Molybdenum	97-1	0.55	0.54	0.49	0.53	6.19	ppb
Molybdenum	98-1	0.52	0.50	0.51	0.51	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.56	39.52	39.54	39.54	0.05	ppb
Phosphorus	31-2	-15.93	-18.74	-18.62	-17.76		ppb
Potassium	39-2	470.13	465.52	474.44	470.03	0.95	ppb
Rhodium	103-1				88		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				80		%
Selenium	77-2	0.31	0.00	0.47	0.26	91.63	ppb
Selenium	78-2	-0.27	-0.31	-0.03	-0.21		ppb
Selenium	82-1	0.62	0.38	0.26	0.42	43.59	ppb
Silicon	28-1	1194.81	1179.12	1170.55	1181.49	1.04	ppb
Silver	109-1	0.14	0.14	0.12	0.13	7.52	ppb
Silver	107-1	0.13	0.13	0.13	0.13	2.16	ppb
Sodium	23-2	86941.75	86268.66	86529.57	86579.99	0.39	ppb
Strontium	86-1	223.22	223.81	224.50	223.84	0.29	ppb
Strontium	88-1	225.64	226.94	226.86	226.48	0.32	ppb
Sulfur	34-1	91425.38	89911.60	89830.40	90389.13	0.99	ppb
Terbium	159-1				98		%
Terbium	159-2				90		%
Thallium	203-1	0.12	0.13	0.11	0.12	8.36	ppb
Thallium	205-1	0.12	0.11	0.11	0.12	6.26	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	3.50	ppb
Tin	118-1	0.04	0.04	0.03	0.04	17.31	ppb
Titanium	47-1	0.23	0.22	0.25	0.23	4.74	ppb
Uranium	238-1	0.25	0.25	0.24	0.25	1.15	ppb
Vanadium	51-2	4.55	4.51	4.49	4.52	0.63	ppb
Yttrium	89-1				91		%
Yttrium	89-2				84		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05LX5	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 16:25:38	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.63	2.80	2.83	2.75	3.99	ppb
Zirconium	90-1	0.10	0.11	0.10	0.10	1.96	ppb
Zirconium	91-1	0.10	0.12	0.10	0.11	6.90	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-06 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109M Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:29:15 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9216.75	9244.25	9253.19	9238.07	0.21	ppb
Antimony	121-1	459.39	460.04	460.21	459.88	0.09	ppb
Arsenic	75-2	510.49	506.74	502.69	506.64	0.77	ppb
Barium	135-1	2453.96	2452.52	2466.34	2457.61	0.31	ppb
Barium	137-1	2477.17	2468.46	2475.03	2473.55	0.18	ppb
Beryllium	9-1	427.93	427.30	420.19	425.14	1.01	ppb
Bismuth	209-1				74		%
Bismuth	209-2				66		%
Boron	10-1	611.66	620.75	614.38	615.59	0.76	ppb
Boron	11-1	629.99	636.05	634.62	633.55	0.50	ppb
Cadmium	111-1	421.79	422.97	424.80	423.19	0.36	ppb
Cadmium	106-1	426.71	429.32	432.83	429.62	0.71	ppb
Cadmium	108-1	423.79	426.18	429.51	426.49	0.67	ppb
Calcium	43-1	507432.44	516565.69	515841.80	513279.98	0.99	ppb
Calcium	44-1	506045.61	511113.28	515801.46	510986.78	0.95	ppb
Chromium	52-2	490.81	492.59	492.53	491.98	0.21	ppb
Cobalt	59-2	614.51	616.52	620.16	617.06	0.46	ppb
Copper	63-2	983.61	990.61	983.53	985.92	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				82		%
Indium	115-1				79		%
Indium	115-2				73		%
Iron	56-2	48327.21	48667.62	48297.20	48430.68	0.42	ppb
Iron	57-2	49099.73	49498.45	49594.48	49397.55	0.53	ppb
Krypton	83-1						cps
Lead	206-1	530.40	532.18	534.24	532.28	0.36	ppb
Lead	207-1	505.72	511.36	509.50	508.86	0.56	ppb
Lead	208-1	515.55	519.58	519.52	518.22	0.45	ppb
Lithium	6-1				81		%
Magnesium	24-2	116729.77	116691.69	116934.57	116785.34	0.11	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-06 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109M Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:29:15 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5375.33	5383.52	5386.48	5381.78	0.11	ppb
Molybdenum	94-1	2530.72	2548.61	2557.97	2545.77	0.54	ppb
Molybdenum	95-1	2514.15	2558.16	2528.92	2533.74	0.88	ppb
Molybdenum	96-1	2532.20	2590.68	2538.07	2553.65	1.26	ppb
Molybdenum	97-1	2530.05	2569.50	2538.99	2546.18	0.81	ppb
Molybdenum	98-1	2534.53	2553.18	2540.82	2542.84	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	662.43	670.20	670.15	667.59	0.67	ppb
Phosphorus	31-2	22.43	23.62	22.12	22.72	3.47	ppb
Potassium	39-2	25634.09	25969.88	25944.99	25849.65	0.72	ppb
Rhodium	103-1				74		%
Rhodium	103-2				70		%
Scandium	45-1				80		%
Scandium	45-2				76		%
Selenium	77-2	464.22	459.41	476.37	466.67	1.87	ppb
Selenium	78-2	472.22	466.99	464.20	467.80	0.87	ppb
Selenium	82-1	465.31	475.95	469.24	470.17	1.14	ppb
Silicon	28-1	6545.51	6668.13	6698.67	6637.44	1.22	ppb
Silver	109-1	435.38	434.43	435.71	435.18	0.15	ppb
Silver	107-1	434.60	436.98	439.75	437.11	0.59	ppb
Sodium	23-2	478609.06	479285.09	481595.31	479829.82	0.33	ppb
Strontium	86-1	1637.28	1686.08	1647.79	1657.05	1.55	ppb
Strontium	88-1	1646.17	1676.38	1655.04	1659.20	0.94	ppb
Sulfur	34-1	445392.55	448117.86	451309.98	448273.47	0.66	ppb
Terbium	159-1				89		%
Terbium	159-2				81		%
Thallium	203-1	539.02	540.06	544.23	541.10	0.51	ppb
Thallium	205-1	539.54	543.21	543.12	541.96	0.39	ppb
Thorium	232-1	0.10	0.08	0.07	0.09	18.10	ppb
Tin	118-1	462.73	464.79	464.87	464.13	0.26	ppb
Titanium	47-1	2479.98	2487.84	2503.94	2490.59	0.49	ppb
Uranium	238-1	552.26	554.70	551.46	552.81	0.31	ppb
Vanadium	51-2	527.63	529.41	528.32	528.45	0.17	ppb
Yttrium	89-1				82		%
Yttrium	89-2				77		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-06	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109M	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:29:15	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	858.17	864.07	863.10	861.78	0.37	ppb
Zirconium	90-1	512.79	514.02	514.16	513.66	0.15	ppb
Zirconium	91-1	506.44	517.45	511.64	511.84	1.08	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-07 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109M Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:32:59 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9217.79	9135.65	9068.64	9140.70	0.82	ppb
Antimony	121-1	457.70	457.43	456.98	457.37	0.08	ppb
Arsenic	75-2	511.31	503.19	505.65	506.72	0.82	ppb
Barium	135-1	2457.71	2460.88	2462.62	2460.40	0.10	ppb
Barium	137-1	2451.50	2463.93	2455.97	2457.13	0.26	ppb
Beryllium	9-1	427.59	427.06	426.84	427.16	0.09	ppb
Bismuth	209-1				75		%
Bismuth	209-2				67		%
Boron	10-1	618.48	626.00	625.91	623.46	0.69	ppb
Boron	11-1	643.20	650.31	657.05	650.19	1.07	ppb
Cadmium	111-1	417.12	423.60	420.31	420.34	0.77	ppb
Cadmium	106-1	435.00	429.34	425.63	429.99	1.10	ppb
Cadmium	108-1	421.16	420.12	420.44	420.57	0.13	ppb
Calcium	43-1	509059.52	505159.82	506602.58	506940.64	0.39	ppb
Calcium	44-1	510366.34	504946.23	508842.66	508051.74	0.55	ppb
Chromium	52-2	490.95	492.30	491.31	491.52	0.14	ppb
Cobalt	59-2	622.63	617.95	622.02	620.87	0.41	ppb
Copper	63-2	998.20	992.60	990.77	993.86	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				83		%
Indium	115-1				81		%
Indium	115-2				74		%
Iron	56-2	48745.38	48386.83	48459.81	48530.67	0.39	ppb
Iron	57-2	49840.77	49665.14	49743.75	49749.89	0.18	ppb
Krypton	83-1						cps
Lead	206-1	529.14	533.91	527.87	530.31	0.60	ppb
Lead	207-1	504.93	508.51	506.73	506.72	0.35	ppb
Lead	208-1	515.11	518.06	516.76	516.65	0.29	ppb
Lithium	6-1				80		%
Magnesium	24-2	116737.84	114839.15	115408.55	115661.85	0.84	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-07 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109M Dilution Factor : 1
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Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5415.51	5393.76	5394.50	5401.26	0.23	ppb
Molybdenum	94-1	2521.47	2553.00	2567.53	2547.34	0.92	ppb
Molybdenum	95-1	2499.40	2539.12	2549.27	2529.26	1.04	ppb
Molybdenum	96-1	2520.07	2530.04	2562.33	2537.48	0.87	ppb
Molybdenum	97-1	2508.51	2544.13	2553.86	2535.50	0.94	ppb
Molybdenum	98-1	2522.90	2540.13	2542.42	2535.15	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	670.35	669.73	673.08	671.05	0.27	ppb
Phosphorus	31-2	17.07	15.65	28.40	20.37	34.31	ppb
Potassium	39-2	26044.96	25808.57	25634.76	25829.43	0.80	ppb
Rhodium	103-1				76		%
Rhodium	103-2				71		%
Scandium	45-1				82		%
Scandium	45-2				76		%
Selenium	77-2	471.06	472.98	464.28	469.44	0.97	ppb
Selenium	78-2	470.53	460.49	463.40	464.81	1.11	ppb
Selenium	82-1	460.92	464.47	464.96	463.45	0.48	ppb
Silicon	28-1	6548.12	6641.08	6736.90	6642.03	1.42	ppb
Silver	109-1	429.37	431.77	431.80	430.98	0.32	ppb
Silver	107-1	434.00	432.21	430.18	432.13	0.44	ppb
Sodium	23-2	480298.88	477244.75	477331.89	478291.84	0.36	ppb
Strontium	86-1	1628.25	1640.07	1651.32	1639.88	0.70	ppb
Strontium	88-1	1643.75	1650.54	1662.80	1652.37	0.58	ppb
Sulfur	34-1	445657.55	439575.01	438562.18	441264.91	0.87	ppb
Terbium	159-1				92		%
Terbium	159-2				82		%
Thallium	203-1	541.30	549.43	543.59	544.78	0.77	ppb
Thallium	205-1	540.42	548.49	539.52	542.81	0.91	ppb
Thorium	232-1	0.04	0.04	0.03	0.04	10.17	ppb
Tin	118-1	462.28	459.73	458.35	460.12	0.43	ppb
Titanium	47-1	2490.06	2471.52	2479.44	2480.34	0.38	ppb
Uranium	238-1	554.62	556.74	553.17	554.84	0.32	ppb
Vanadium	51-2	531.90	531.14	528.59	530.54	0.33	ppb
Yttrium	89-1				84		%
Yttrium	89-2				78		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-07	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109M	Dilution Factor :	1
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Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	860.95	863.66	857.34	860.65	0.37	ppb
Zirconium	90-1	515.37	512.62	513.56	513.85	0.27	ppb
Zirconium	91-1	504.98	507.60	509.81	507.46	0.48	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05A Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109A Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:36:43 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9083.77	9177.83	9210.48	9157.36	0.72	ppb
Antimony	121-1	464.84	459.90	458.62	461.12	0.71	ppb
Arsenic	75-2	502.52	504.31	503.17	503.34	0.18	ppb
Barium	135-1	2490.41	2469.39	2469.36	2476.39	0.49	ppb
Barium	137-1	2498.00	2472.32	2455.86	2475.39	0.86	ppb
Beryllium	9-1	428.72	428.76	430.90	429.46	0.29	ppb
Bismuth	209-1				74		%
Bismuth	209-2				67		%
Boron	10-1	621.86	640.64	639.56	634.02	1.66	ppb
Boron	11-1	646.09	670.75	661.73	659.52	1.89	ppb
Cadmium	111-1	421.99	423.14	419.84	421.66	0.40	ppb
Cadmium	106-1	426.93	429.35	425.00	427.09	0.51	ppb
Cadmium	108-1	424.86	426.16	425.26	425.43	0.16	ppb
Calcium	43-1	509671.36	506594.99	506206.54	507490.96	0.37	ppb
Calcium	44-1	511697.75	506044.76	509092.23	508944.91	0.56	ppb
Chromium	52-2	492.49	495.08	491.72	493.09	0.36	ppb
Cobalt	59-2	621.65	629.05	624.44	625.05	0.60	ppb
Copper	63-2	996.12	1008.59	998.99	1001.23	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				84		%
Indium	115-1				80		%
Indium	115-2				74		%
Iron	56-2	48591.55	49079.20	48692.65	48787.80	0.53	ppb
Iron	57-2	49322.67	49882.49	49572.29	49592.48	0.57	ppb
Krypton	83-1						cps
Lead	206-1	539.15	534.27	532.08	535.17	0.68	ppb
Lead	207-1	514.46	509.85	507.61	510.64	0.68	ppb
Lead	208-1	524.00	522.17	518.98	521.72	0.49	ppb
Lithium	6-1				79		%
Magnesium	24-2	115286.24	116281.88	115289.84	115619.32	0.50	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05A Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109A Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:36:43 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5382.02	5425.68	5394.40	5400.70	0.42	ppb
Molybdenum	94-1	2542.94	2583.63	2564.39	2563.65	0.79	ppb
Molybdenum	95-1	2526.62	2556.09	2545.84	2542.85	0.59	ppb
Molybdenum	96-1	2552.79	2549.09	2556.03	2552.64	0.14	ppb
Molybdenum	97-1	2556.82	2546.14	2568.09	2557.02	0.43	ppb
Molybdenum	98-1	2556.27	2543.39	2556.84	2552.17	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	667.72	678.21	671.41	672.45	0.79	ppb
Phosphorus	31-2	23.33	26.44	16.77	22.18	22.25	ppb
Potassium	39-2	25677.14	25824.34	25886.87	25796.12	0.42	ppb
Rhodium	103-1				76		%
Rhodium	103-2				70		%
Scandium	45-1				81		%
Scandium	45-2				75		%
Selenium	77-2	435.12	464.85	458.02	452.66	3.44	ppb
Selenium	78-2	458.40	460.70	457.27	458.79	0.38	ppb
Selenium	82-1	464.34	461.55	465.04	463.64	0.40	ppb
Silicon	28-1	6636.19	6642.31	6646.10	6641.53	0.08	ppb
Silver	109-1	437.54	436.47	433.67	435.89	0.46	ppb
Silver	107-1	436.05	434.04	432.85	434.31	0.37	ppb
Sodium	23-2	477051.38	477186.13	478753.06	477663.52	0.20	ppb
Strontium	86-1	1634.46	1636.10	1657.95	1642.84	0.80	ppb
Strontium	88-1	1644.78	1661.75	1654.24	1653.59	0.51	ppb
Sulfur	34-1	445555.08	438806.78	439151.12	441170.99	0.86	ppb
Terbium	159-1				91		%
Terbium	159-2				82		%
Thallium	203-1	549.01	545.84	540.99	545.28	0.74	ppb
Thallium	205-1	544.30	540.57	542.93	542.60	0.35	ppb
Thorium	232-1	0.03	0.02	0.03	0.03	9.87	ppb
Tin	118-1	468.41	462.22	460.58	463.74	0.89	ppb
Titanium	47-1	2501.31	2460.57	2473.90	2478.59	0.84	ppb
Uranium	238-1	559.26	557.81	555.60	557.55	0.33	ppb
Vanadium	51-2	529.81	535.28	530.63	531.91	0.56	ppb
Yttrium	89-1				84		%
Yttrium	89-2				78		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05A	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:36:43	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	857.38	875.82	859.23	864.14	1.17	ppb
Zirconium	90-1	519.04	517.17	519.31	518.51	0.22	ppb
Zirconium	91-1	508.62	513.46	512.19	511.42	0.49	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-08	Instrumnet Name :	P7
Client Sample ID :	WP022RW349-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:40:28	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.12	6.61	6.67	6.13	14.27	ppb
Antimony	121-1	0.89	0.84	0.87	0.87	2.79	ppb
Arsenic	75-2	2.47	2.43	2.11	2.34	8.32	ppb
Barium	135-1	44.09	42.05	40.32	42.16	4.47	ppb
Barium	137-1	43.50	42.43	41.33	42.42	2.55	ppb
Beryllium	9-1	0.12	0.09	0.09	0.10	18.70	ppb
Bismuth	209-1				61		%
Bismuth	209-2				56		%
Boron	10-1	350.72	348.22	334.88	344.61	2.47	ppb
Boron	11-1	363.35	363.50	352.76	359.87	1.71	ppb
Cadmium	111-1	12.59	11.99	11.72	12.10	3.70	ppb
Cadmium	106-1	11.07	9.25	10.12	10.15	8.95	ppb
Cadmium	108-1	10.93	10.42	10.26	10.53	3.32	ppb
Calcium	43-1	457464.01	452096.83	437268.01	448942.95	2.33	ppb
Calcium	44-1	454617.57	447244.07	433537.54	445133.06	2.40	ppb
Chromium	52-2	2.59	2.60	2.57	2.59	0.54	ppb
Cobalt	59-2	1759.31	1753.34	1719.71	1744.12	1.22	ppb
Copper	63-2	164.87	165.15	162.01	164.01	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				78		%
Indium	115-1				72		%
Indium	115-2				69		%
Iron	56-2	11497.30	11511.88	11264.39	11424.52	1.22	ppb
Iron	57-2	12050.71	12067.37	11878.23	11998.77	0.87	ppb
Krypton	83-1						cps
Lead	206-1	2.91	2.91	2.78	2.87	2.61	ppb
Lead	207-1	2.66	2.53	2.46	2.55	3.95	ppb
Lead	208-1	2.73	2.70	2.58	2.67	2.85	ppb
Lithium	6-1				72		%
Magnesium	24-2	198928.00	197726.33	194958.15	197204.16	1.03	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-08	Instrumnet Name :	P7
Client Sample ID :	WP022RW349-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:40:28	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	66384.45	66342.43	65223.13	65983.34	1.00	ppb
Molybdenum	94-1	3.88	3.95	3.69	3.84	3.51	ppb
Molybdenum	95-1	1.87	1.77	1.62	1.75	7.22	ppb
Molybdenum	96-1	1.40	1.28	1.22	1.30	6.70	ppb
Molybdenum	97-1	1.03	1.01	0.89	0.97	7.72	ppb
Molybdenum	98-1	1.04	0.97	0.89	0.97	7.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3394.11	3377.47	3300.44	3357.34	1.49	ppb
Phosphorus	31-2	22.75	14.19	12.98	16.64	32.00	ppb
Potassium	39-2	10906.53	10870.70	10674.15	10817.13	1.16	ppb
Rhodium	103-1				65		%
Rhodium	103-2				62		%
Scandium	45-1				78		%
Scandium	45-2				77		%
Selenium	77-2	2.71	2.21	2.16	2.36	12.85	ppb
Selenium	78-2	0.31	0.48	0.14	0.31	55.59	ppb
Selenium	82-1	-25.39	-27.60	-28.43	-27.14		ppb
Silicon	28-1	7357.57	7247.54	7051.14	7218.75	2.15	ppb
Silver	109-1	0.09	0.07	0.08	0.08	8.76	ppb
Silver	107-1	0.09	0.09	0.07	0.09	11.03	ppb
Sodium	23-2	1937451.85	1925459.46	1896335.35	1919748.88	1.10	ppb
Strontium	86-1	1766.93	1752.49	1694.26	1737.89	2.21	ppb
Strontium	88-1	1774.04	1762.84	1707.55	1748.14	2.04	ppb
Sulfur	34-1	1183223.53	1165940.58	1134617.32	1161260.48	2.12	ppb
Terbium	159-1				82		%
Terbium	159-2				76		%
Thallium	203-1	0.37	0.34	0.29	0.33	13.14	ppb
Thallium	205-1	0.37	0.31	0.29	0.32	13.72	ppb
Thorium	232-1	0.01	0.01	0.00	0.01	27.78	ppb
Tin	118-1	1.43	1.24	1.19	1.29	9.96	ppb
Titanium	47-1	3.52	3.56	3.52	3.53	0.75	ppb
Uranium	238-1	17.63	17.43	16.74	17.27	2.72	ppb
Vanadium	51-2	12.45	12.37	12.11	12.31	1.48	ppb
Yttrium	89-1				86		%
Yttrium	89-2				83		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-08	Instrumnet Name :	P7
Client Sample ID :	WP022RW349-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:40:28	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	373.42	373.68	364.01	370.37	1.49	ppb
Zirconium	90-1	2.17	2.19	2.07	2.14	2.92	ppb
Zirconium	91-1	2.22	2.16	2.01	2.13	5.14	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-09	Instrumnet Name :	P7
Client Sample ID :	SS032MW061-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:44:15	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.98	2.34	2.38	2.23	9.87	ppb
Antimony	121-1	1.22	1.06	1.08	1.12	7.53	ppb
Arsenic	75-2	0.74	0.70	0.76	0.73	4.53	ppb
Barium	135-1	82.65	73.83	76.73	77.74	5.79	ppb
Barium	137-1	83.94	74.77	77.28	78.67	6.02	ppb
Beryllium	9-1	0.05	0.05	0.06	0.05	14.54	ppb
Bismuth	209-1				86		%
Bismuth	209-2				80		%
Boron	10-1	219.92	203.00	208.91	210.61	4.08	ppb
Boron	11-1	227.16	210.04	215.18	217.46	4.04	ppb
Cadmium	111-1	-0.02	-0.08	-0.02	-0.04		ppb
Cadmium	106-1	-0.94	-1.68	-0.91	-1.18		ppb
Cadmium	108-1	0.15	0.05	0.06	0.09	64.54	ppb
Calcium	43-1	124961.63	108172.28	112927.30	115353.74	7.50	ppb
Calcium	44-1	124140.07	108891.24	113703.86	115578.39	6.74	ppb
Chromium	52-2	14.11	14.17	14.07	14.11	0.33	ppb
Cobalt	59-2	0.28	0.30	0.31	0.30	4.56	ppb
Copper	63-2	3.39	3.40	3.43	3.41	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				88		%
Indium	115-1				88		%
Indium	115-2				81		%
Iron	56-2	12.41	12.47	12.71	12.53	1.28	ppb
Iron	57-2	240.53	240.99	233.51	238.34	1.76	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.07	0.06	0.07	17.87	ppb
Lead	207-1	0.09	0.05	0.04	0.06	36.74	ppb
Lead	208-1	0.08	0.06	0.06	0.07	18.71	ppb
Lithium	6-1				85		%
Magnesium	24-2	10391.40	10461.38	10387.79	10413.52	0.40	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-09	Instrumnet Name :	P7
Client Sample ID :	SS032MW061-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:44:15	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	17.85	18.40	18.75	18.33	2.49	ppb
Molybdenum	94-1	0.85	0.76	0.80	0.80	6.01	ppb
Molybdenum	95-1	1.22	1.01	1.13	1.12	9.36	ppb
Molybdenum	96-1	1.11	1.02	1.05	1.06	4.21	ppb
Molybdenum	97-1	1.27	1.04	1.18	1.16	10.05	ppb
Molybdenum	98-1	1.21	1.03	1.09	1.11	8.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.00	7.11	7.16	7.09	1.14	ppb
Phosphorus	31-2	-11.26	-11.87	-9.12	-10.75		ppb
Potassium	39-2	1892.50	1901.53	1860.10	1884.71	1.16	ppb
Rhodium	103-1				84		%
Rhodium	103-2				80		%
Scandium	45-1				84		%
Scandium	45-2				75		%
Selenium	77-2	2.12	2.94	1.80	2.29	25.56	ppb
Selenium	78-2	1.47	0.82	0.80	1.03	37.15	ppb
Selenium	82-1	-0.44	-0.15	-0.02	-0.20		ppb
Silicon	28-1	10488.05	9181.06	9552.36	9740.49	6.91	ppb
Silver	109-1	0.09	0.06	0.06	0.07	23.13	ppb
Silver	107-1	0.08	0.07	0.07	0.07	9.69	ppb
Sodium	23-2	31648.14	31632.24	31427.20	31569.19	0.39	ppb
Strontium	86-1	582.68	517.08	539.06	546.27	6.11	ppb
Strontium	88-1	585.17	520.48	539.83	548.49	6.05	ppb
Sulfur	34-1	10117.89	8337.50	8866.92	9107.44	10.04	ppb
Terbium	159-1				93		%
Terbium	159-2				86		%
Thallium	203-1	0.11	0.09	0.09	0.10	16.39	ppb
Thallium	205-1	0.11	0.09	0.08	0.09	17.79	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	134.26	ppb
Tin	118-1	1.07	1.00	0.99	1.02	4.13	ppb
Titanium	47-1	2.16	1.74	1.57	1.82	16.65	ppb
Uranium	238-1	1.74	1.54	1.59	1.62	6.46	ppb
Vanadium	51-2	3.34	3.28	3.23	3.28	1.68	ppb
Yttrium	89-1				87		%
Yttrium	89-2				80		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-09	Instrumnet Name :	P7
Client Sample ID :	SS032MW061-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:44:15	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.68	7.70	7.55	7.64	1.07	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	11.36	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	19.68	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1134-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW218-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:47:56	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.56	21.63	19.17	20.46	6.04	ppb
Antimony	121-1	1.43	1.42	1.34	1.40	3.52	ppb
Arsenic	75-2	76.40	76.09	75.82	76.11	0.38	ppb
Barium	135-1	246.21	248.22	244.23	246.22	0.81	ppb
Barium	137-1	246.52	248.15	245.18	246.62	0.60	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	10.82	ppb
Bismuth	209-1				88		%
Bismuth	209-2				78		%
Boron	10-1	259.68	265.85	266.78	264.10	1.46	ppb
Boron	11-1	273.82	275.47	277.11	275.47	0.60	ppb
Cadmium	111-1	0.13	0.15	0.07	0.12	36.34	ppb
Cadmium	106-1	-1.28	-1.10	-2.19	-1.52		ppb
Cadmium	108-1	0.19	0.31	0.30	0.27	26.39	ppb
Calcium	43-1	108206.06	108850.09	108880.55	108645.57	0.35	ppb
Calcium	44-1	109013.15	108817.17	108661.06	108830.46	0.16	ppb
Chromium	52-2	1.12	1.14	1.13	1.13	0.72	ppb
Cobalt	59-2	1.59	1.61	1.56	1.58	1.59	ppb
Copper	63-2	4.53	4.65	4.56	4.58	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				86		%
Indium	115-1				88		%
Indium	115-2				78		%
Iron	56-2	4459.94	4529.53	4451.14	4480.20	0.96	ppb
Iron	57-2	4618.35	4662.43	4627.70	4636.16	0.50	ppb
Krypton	83-1						cps
Lead	206-1	6.72	6.72	6.58	6.67	1.16	ppb
Lead	207-1	6.00	5.97	6.00	5.99	0.26	ppb
Lead	208-1	6.34	6.28	6.27	6.30	0.54	ppb
Lithium	6-1				83		%
Magnesium	24-2	8032.06	8083.17	8013.80	8043.01	0.45	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1134-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW218-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:47:56	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	551.22	558.80	553.28	554.43	0.71	ppb
Molybdenum	94-1	3.29	3.22	3.23	3.25	1.20	ppb
Molybdenum	95-1	4.26	4.37	4.47	4.37	2.45	ppb
Molybdenum	96-1	4.27	4.28	4.20	4.25	1.08	ppb
Molybdenum	97-1	4.61	4.39	4.30	4.43	3.60	ppb
Molybdenum	98-1	4.37	4.45	4.40	4.41	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.42	13.42	13.45	13.43	0.12	ppb
Phosphorus	31-2	37.95	39.12	49.95	42.34	15.63	ppb
Potassium	39-2	1175.65	1177.58	1160.22	1171.15	0.81	ppb
Rhodium	103-1				84		%
Rhodium	103-2				77		%
Scandium	45-1				83		%
Scandium	45-2				71		%
Selenium	77-2	2.56	1.88	1.86	2.10	19.02	ppb
Selenium	78-2	0.17	0.26	0.16	0.20	26.95	ppb
Selenium	82-1	-0.10	-0.54	-0.36	-0.33		ppb
Silicon	28-1	8325.02	8207.83	8183.00	8238.62	0.92	ppb
Silver	109-1	0.05	0.05	0.05	0.05	1.73	ppb
Silver	107-1	0.06	0.05	0.06	0.05	11.10	ppb
Sodium	23-2	48797.06	48825.66	48104.80	48575.84	0.84	ppb
Strontium	86-1	319.90	324.05	323.57	322.51	0.70	ppb
Strontium	88-1	324.11	325.20	317.89	322.40	1.22	ppb
Sulfur	34-1	10513.64	10485.78	10426.80	10475.41	0.42	ppb
Terbium	159-1				96		%
Terbium	159-2				84		%
Thallium	203-1	0.09	0.07	0.07	0.08	14.09	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	9.48	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	3.42	ppb
Tin	118-1	0.78	0.76	0.75	0.76	2.24	ppb
Titanium	47-1	2.55	2.78	2.85	2.73	5.86	ppb
Uranium	238-1	0.75	0.76	0.77	0.76	0.78	ppb
Vanadium	51-2	0.80	0.83	0.83	0.82	1.54	ppb
Yttrium	89-1				87		%
Yttrium	89-2				77		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1134-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW218-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:47:56	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	82.17	82.26	81.13	81.85	0.77	ppb
Zirconium	90-1	0.10	0.10	0.10	0.10	2.22	ppb
Zirconium	91-1	0.15	0.15	0.13	0.14	10.78	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1134-02	Instrumnet Name :	P7
Client Sample ID :	SS038MW007-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:51:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.52	25.75	27.23	26.84	3.54	ppb
Antimony	121-1	0.90	0.85	0.83	0.86	4.33	ppb
Arsenic	75-2	134.78	132.86	132.33	133.33	0.97	ppb
Barium	135-1	355.94	355.96	356.08	355.99	0.02	ppb
Barium	137-1	360.25	361.00	358.39	359.88	0.37	ppb
Beryllium	9-1	0.05	0.05	0.04	0.04	8.17	ppb
Bismuth	209-1				87		%
Bismuth	209-2				76		%
Boron	10-1	789.65	798.23	814.25	800.71	1.56	ppb
Boron	11-1	827.91	837.72	843.32	836.32	0.93	ppb
Cadmium	111-1	-0.11	-0.12	-0.12	-0.12		ppb
Cadmium	106-1	-1.88	-1.81	-1.95	-1.88		ppb
Cadmium	108-1	0.02	0.16	0.02	0.07	116.49	ppb
Calcium	43-1	93373.54	93456.80	94160.89	93663.74	0.46	ppb
Calcium	44-1	93815.74	93293.55	94260.81	93790.03	0.52	ppb
Chromium	52-2	1.10	1.18	1.15	1.14	3.69	ppb
Cobalt	59-2	16.14	16.02	16.16	16.11	0.46	ppb
Copper	63-2	3.57	3.52	3.54	3.54	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				85		%
Indium	115-1				86		%
Indium	115-2				76		%
Iron	56-2	7883.21	7738.70	7797.18	7806.36	0.93	ppb
Iron	57-2	7927.69	7922.51	7880.53	7910.24	0.33	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.28	0.27	0.27	1.00	ppb
Lead	207-1	0.25	0.26	0.22	0.24	7.32	ppb
Lead	208-1	0.26	0.25	0.25	0.25	1.83	ppb
Lithium	6-1				80		%
Magnesium	24-2	14349.37	14174.20	14277.13	14266.90	0.62	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1134-02	Instrumnet Name :	P7
Client Sample ID :	SS038MW007-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:51:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	300.22	295.94	297.42	297.86	0.73	ppb
Molybdenum	94-1	3.91	3.93	4.18	4.01	3.68	ppb
Molybdenum	95-1	5.48	5.40	5.47	5.45	0.83	ppb
Molybdenum	96-1	5.34	5.57	5.41	5.44	2.14	ppb
Molybdenum	97-1	5.55	5.45	5.33	5.44	2.08	ppb
Molybdenum	98-1	5.36	5.42	5.42	5.40	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	219.53	217.34	218.46	218.44	0.50	ppb
Phosphorus	31-2	11.73	21.65	10.89	14.76	40.53	ppb
Potassium	39-2	1821.88	1807.11	1815.24	1814.74	0.41	ppb
Rhodium	103-1				81		%
Rhodium	103-2				75		%
Scandium	45-1				80		%
Scandium	45-2				69		%
Selenium	77-2	2.45	1.23	1.91	1.86	32.67	ppb
Selenium	78-2	0.23	0.39	-0.18	0.15	197.34	ppb
Selenium	82-1	0.60	0.22	0.16	0.33	72.24	ppb
Silicon	28-1	10190.17	10281.05	10266.02	10245.75	0.48	ppb
Silver	109-1	0.05	0.04	0.04	0.04	18.34	ppb
Silver	107-1	0.05	0.04	0.04	0.04	6.49	ppb
Sodium	23-2	60647.64	59875.13	60722.79	60415.19	0.78	ppb
Strontium	86-1	316.12	314.12	321.31	317.18	1.17	ppb
Strontium	88-1	319.49	316.07	318.40	317.99	0.55	ppb
Sulfur	34-1	371.09	323.50	313.93	336.17	9.11	ppb
Terbium	159-1				94		%
Terbium	159-2				83		%
Thallium	203-1	0.05	0.04	0.05	0.04	12.42	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	20.62	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	6.82	ppb
Tin	118-1	0.68	0.67	0.72	0.69	4.13	ppb
Titanium	47-1	4.47	4.51	4.95	4.64	5.65	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.25	ppb
Vanadium	51-2	2.35	2.43	2.41	2.40	1.73	ppb
Yttrium	89-1				84		%
Yttrium	89-2				75		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1134-02	Instrumnet Name :	P7
Client Sample ID :	SS038MW007-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:51:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.08	8.37	7.96	8.14	2.63	ppb
Zirconium	90-1	0.16	0.17	0.16	0.16	5.27	ppb
Zirconium	91-1	0.23	0.66	0.23	0.38	66.10	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-03 Instrumnet Name : P7
 Client Sample ID : EPA-EX-1-OB-01092019 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:55:15 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.18	12.17	14.64	13.33	9.32	ppb
Antimony	121-1	1.04	1.02	1.02	1.03	1.08	ppb
Arsenic	75-2	1.04	1.20	1.05	1.09	8.09	ppb
Barium	135-1	34.67	34.41	34.86	34.65	0.64	ppb
Barium	137-1	34.58	35.24	35.01	34.94	0.96	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	19.89	ppb
Bismuth	209-1				83		%
Bismuth	209-2				74		%
Boron	10-1	1212.22	1233.34	1234.50	1226.69	1.02	ppb
Boron	11-1	1254.76	1265.01	1279.04	1266.27	0.96	ppb
Cadmium	111-1	-0.06	-0.14	-0.14	-0.11		ppb
Cadmium	106-1	-1.33	-2.18	-2.07	-1.86		ppb
Cadmium	108-1	0.19	0.16	0.21	0.19	12.16	ppb
Calcium	43-1	52090.10	52005.15	52649.12	52248.12	0.67	ppb
Calcium	44-1	51436.91	51557.57	51782.48	51592.32	0.34	ppb
Chromium	52-2	56.00	56.39	55.83	56.07	0.51	ppb
Cobalt	59-2	0.36	0.35	0.32	0.34	6.38	ppb
Copper	63-2	5.29	5.56	5.25	5.36	3.17	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				94		%
Holmium	165-2				84		%
Indium	115-1				83		%
Indium	115-2				74		%
Iron	56-2	207.01	207.46	207.05	207.17	0.12	ppb
Iron	57-2	308.94	310.30	308.44	309.23	0.31	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.08	0.08	10.54	ppb
Lead	207-1	0.06	0.06	0.08	0.07	16.24	ppb
Lead	208-1	0.07	0.07	0.07	0.07	2.97	ppb
Lithium	6-1				76		%
Magnesium	24-2	16006.16	15993.17	15863.69	15954.34	0.49	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-03 Instrumnet Name : P7
 Client Sample ID : EPA-EX-1-OB-01092019 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:55:15 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1610.57	1624.11	1611.68	1615.45	0.47	ppb
Molybdenum	94-1	7.02	7.03	7.07	7.04	0.39	ppb
Molybdenum	95-1	9.69	9.64	9.80	9.71	0.86	ppb
Molybdenum	96-1	9.41	9.46	9.65	9.51	1.33	ppb
Molybdenum	97-1	9.71	9.85	10.06	9.88	1.76	ppb
Molybdenum	98-1	9.60	9.79	9.83	9.74	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.29	3.25	3.21	3.25	1.25	ppb
Phosphorus	31-2	28.90	29.17	32.08	30.05	5.87	ppb
Potassium	39-2	8868.06	8911.01	8858.70	8879.26	0.31	ppb
Rhodium	103-1				78		%
Rhodium	103-2				72		%
Scandium	45-1				77		%
Scandium	45-2				67		%
Selenium	77-2	1.43	1.79	1.79	1.67	12.52	ppb
Selenium	78-2	0.47	0.78	0.15	0.47	67.80	ppb
Selenium	82-1	-0.58	-0.69	-1.00	-0.76		ppb
Silicon	28-1	10106.36	10003.53	10046.83	10052.24	0.51	ppb
Silver	109-1	0.12	0.12	0.12	0.12	2.10	ppb
Silver	107-1	0.12	0.12	0.12	0.12	1.55	ppb
Sodium	23-2	215378.44	216789.62	217067.45	216411.84	0.42	ppb
Strontium	86-1	345.61	348.63	351.38	348.54	0.83	ppb
Strontium	88-1	343.35	346.34	347.94	345.88	0.67	ppb
Sulfur	34-1	13834.95	13886.05	13787.85	13836.28	0.35	ppb
Terbium	159-1				92		%
Terbium	159-2				82		%
Thallium	203-1	0.03	0.03	0.03	0.03	13.99	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	9.49	ppb
Thorium	232-1	0.01	0.00	0.00	0.00	103.97	ppb
Tin	118-1	0.64	0.67	0.68	0.66	3.57	ppb
Titanium	47-1	2.93	3.43	2.58	2.98	14.43	ppb
Uranium	238-1	2.68	2.68	2.72	2.69	1.00	ppb
Vanadium	51-2	0.80	0.82	0.77	0.80	3.23	ppb
Yttrium	89-1				82		%
Yttrium	89-2				73		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-03	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-1-OB-01092019	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:55:15	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.45	5.41	5.48	5.45	0.65	ppb
Zirconium	90-1	0.12	0.11	0.17	0.13	21.02	ppb
Zirconium	91-1	0.12	0.08	0.14	0.11	25.69	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1151-03	Instrumnet Name :	P7
Client Sample ID :	OUTFALL001-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:58:54	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.79	9.13	8.08	8.66	6.19	ppb
Antimony	121-1	1.07	1.03	1.00	1.04	3.44	ppb
Arsenic	75-2	4.68	4.40	4.80	4.63	4.49	ppb
Barium	135-1	205.05	205.94	200.81	203.94	1.34	ppb
Barium	137-1	206.48	205.12	203.73	205.11	0.67	ppb
Beryllium	9-1	0.03	0.03	0.02	0.02	26.58	ppb
Bismuth	209-1				86		%
Bismuth	209-2				76		%
Boron	10-1	315.74	309.72	313.31	312.92	0.97	ppb
Boron	11-1	327.38	325.99	326.66	326.68	0.21	ppb
Cadmium	111-1	-0.15	-0.12	-0.16	-0.14		ppb
Cadmium	106-1	-2.11	-1.73	-2.19	-2.01		ppb
Cadmium	108-1	0.02	0.04	0.04	0.03	41.28	ppb
Calcium	43-1	94020.86	92465.93	92445.11	92977.30	0.97	ppb
Calcium	44-1	93919.59	92700.48	92564.04	93061.37	0.80	ppb
Chromium	52-2	1.19	1.15	1.28	1.21	5.42	ppb
Cobalt	59-2	0.09	0.09	0.09	0.09	4.04	ppb
Copper	63-2	3.86	3.71	3.91	3.83	2.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				84		%
Indium	115-1				85		%
Indium	115-2				74		%
Iron	56-2	13.15	12.45	13.36	12.98	3.67	ppb
Iron	57-2	191.67	182.98	198.98	191.21	4.19	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.08	0.08	3.02	ppb
Lead	207-1	0.07	0.07	0.06	0.07	8.18	ppb
Lead	208-1	0.08	0.07	0.07	0.07	7.06	ppb
Lithium	6-1				77		%
Magnesium	24-2	12874.82	12390.33	13082.63	12782.59	2.78	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1151-03	Instrumnet Name :	P7
Client Sample ID :	OUTFALL001-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:58:54	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.46	2.41	2.52	2.47	2.15	ppb
Molybdenum	94-1	1.01	0.89	1.01	0.97	7.01	ppb
Molybdenum	95-1	1.40	1.36	1.37	1.38	1.32	ppb
Molybdenum	96-1	1.33	1.29	1.32	1.31	1.59	ppb
Molybdenum	97-1	1.37	1.31	1.35	1.35	2.18	ppb
Molybdenum	98-1	1.35	1.35	1.37	1.36	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.64	2.49	2.75	2.63	4.99	ppb
Phosphorus	31-2	-4.33	-12.24	1.03	-5.18		ppb
Potassium	39-2	2221.51	2148.88	2251.78	2207.39	2.40	ppb
Rhodium	103-1				80		%
Rhodium	103-2				74		%
Scandium	45-1				76		%
Scandium	45-2				66		%
Selenium	77-2	1.81	1.76	0.74	1.44	42.15	ppb
Selenium	78-2	-0.35	0.13	0.04	-0.06		ppb
Selenium	82-1	0.47	0.41	0.43	0.44	6.35	ppb
Silicon	28-1	8141.00	8060.31	8060.06	8087.12	0.58	ppb
Silver	109-1	0.04	0.04	0.04	0.04	2.12	ppb
Silver	107-1	0.03	0.03	0.03	0.03	4.24	ppb
Sodium	23-2	47277.13	45823.12	48077.95	47059.40	2.43	ppb
Strontium	86-1	520.54	521.81	519.74	520.70	0.20	ppb
Strontium	88-1	520.92	521.04	516.61	519.52	0.49	ppb
Sulfur	34-1	10165.77	10038.85	9905.90	10036.84	1.29	ppb
Terbium	159-1				92		%
Terbium	159-2				82		%
Thallium	203-1	0.03	0.03	0.02	0.03	15.68	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	22.49	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	106.10	ppb
Tin	118-1	0.78	0.79	0.83	0.80	3.13	ppb
Titanium	47-1	1.44	1.39	1.53	1.45	4.84	ppb
Uranium	238-1	0.65	0.65	0.65	0.65	0.25	ppb
Vanadium	51-2	0.95	0.87	0.92	0.92	4.39	ppb
Yttrium	89-1				82		%
Yttrium	89-2				73		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1151-03	Instrumnet Name :	P7
Client Sample ID :	OUTFALL001-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:58:54	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.94	8.93	9.81	9.23	5.51	ppb
Zirconium	90-1	0.04	0.03	0.04	0.03	18.03	ppb
Zirconium	91-1	0.04	0.05	0.04	0.04	22.61	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:03:19	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51797.38	51081.99	50769.40	51216.26	1.03	ppb
Antimony	121-1	464.40	472.44	462.54	466.46	1.13	ppb
Arsenic	75-2	465.68	471.43	464.68	467.26	0.78	ppb
Barium	135-1	2469.29	2501.94	2452.37	2474.53	1.02	ppb
Barium	137-1	2480.96	2498.69	2461.05	2480.24	0.76	ppb
Beryllium	9-1	480.79	486.68	484.15	483.87	0.61	ppb
Bismuth	209-1				80		%
Bismuth	209-2				72		%
Boron	10-1	488.61	501.99	499.53	496.71	1.43	ppb
Boron	11-1	490.00	504.09	505.46	499.85	1.71	ppb
Cadmium	111-1	441.07	451.26	443.91	445.41	1.18	ppb
Cadmium	106-1	447.87	452.11	447.93	449.30	0.54	ppb
Cadmium	108-1	442.08	448.17	443.47	444.57	0.72	ppb
Calcium	43-1	246547.17	249591.56	244700.92	246946.55	1.00	ppb
Calcium	44-1	247050.51	249186.49	245241.44	247159.48	0.80	ppb
Chromium	52-2	529.08	523.84	519.47	524.13	0.92	ppb
Cobalt	59-2	518.51	517.46	510.15	515.37	0.88	ppb
Copper	63-2	1015.49	1003.50	991.30	1003.43	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				87		%
Indium	115-1				82		%
Indium	115-2				76		%
Iron	56-2	133919.77	133395.98	131512.67	132942.81	0.95	ppb
Iron	57-2	134045.28	132650.17	132463.73	133053.06	0.65	ppb
Krypton	83-1						cps
Lead	206-1	540.10	549.45	538.30	542.62	1.10	ppb
Lead	207-1	530.35	538.60	530.02	532.99	0.91	ppb
Lead	208-1	534.34	540.59	533.12	536.02	0.75	ppb
Lithium	6-1				73		%
Magnesium	24-2	256578.72	253298.09	251146.11	253674.31	1.08	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:03:19	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1023.92	1023.04	1009.25	1018.74	0.81	ppb
Molybdenum	94-1	2595.74	2574.09	2586.73	2585.52	0.42	ppb
Molybdenum	95-1	2589.57	2600.20	2603.62	2597.80	0.28	ppb
Molybdenum	96-1	2587.92	2593.42	2603.49	2594.94	0.30	ppb
Molybdenum	97-1	2584.36	2597.54	2599.52	2593.80	0.32	ppb
Molybdenum	98-1	2587.14	2601.93	2590.53	2593.20	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.71	518.96	508.58	514.75	1.06	ppb
Phosphorus	31-2	9428.21	9564.09	9369.43	9453.91	1.06	ppb
Potassium	39-2	119166.28	117906.86	116943.68	118005.61	0.94	ppb
Rhodium	103-1				75		%
Rhodium	103-2				72		%
Scandium	45-1				78		%
Scandium	45-2				74		%
Selenium	77-2	443.79	442.56	464.81	450.39	2.78	ppb
Selenium	78-2	449.82	456.82	449.79	452.14	0.90	ppb
Selenium	82-1	457.67	460.52	463.13	460.44	0.59	ppb
Silicon	28-1	450.21	462.96	460.59	457.92	1.48	ppb
Silver	109-1	439.68	448.70	437.80	442.06	1.32	ppb
Silver	107-1	441.64	445.67	440.95	442.75	0.58	ppb
Sodium	23-2	248077.55	245573.79	243321.36	245657.56	0.97	ppb
Strontium	86-1	513.71	519.35	519.39	517.49	0.63	ppb
Strontium	88-1	514.19	517.48	515.71	515.79	0.32	ppb
Sulfur	34-1	9751.59	9961.12	9849.49	9854.07	1.06	ppb
Terbium	159-1				93		%
Terbium	159-2				85		%
Thallium	203-1	543.57	551.38	541.50	545.49	0.96	ppb
Thallium	205-1	541.02	551.59	545.30	545.97	0.97	ppb
Thorium	232-1	561.37	568.24	559.02	562.88	0.85	ppb
Tin	118-1	483.49	485.76	478.53	482.59	0.77	ppb
Titanium	47-1	2542.91	2547.23	2537.46	2542.54	0.19	ppb
Uranium	238-1	557.01	569.75	555.29	560.68	1.41	ppb
Vanadium	51-2	527.25	523.38	517.16	522.60	0.97	ppb
Yttrium	89-1				83		%
Yttrium	89-2				79		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:03:19	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1016.34	1003.06	992.22	1003.87	1.20	ppb
Zirconium	90-1	513.37	514.87	515.94	514.72	0.25	ppb
Zirconium	91-1	508.68	511.29	513.01	510.99	0.43	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:09:22	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.62	1.43	1.61	1.55	6.92	ppb
Antimony	121-1	0.09	0.08	0.08	0.08	8.63	ppb
Arsenic	75-2	0.03	0.06	0.03	0.04	49.22	ppb
Barium	135-1	0.06	0.08	0.07	0.07	13.16	ppb
Barium	137-1	0.07	0.06	0.07	0.07	11.84	ppb
Beryllium	9-1	0.04	0.05	0.04	0.04	6.36	ppb
Bismuth	209-1				95		%
Bismuth	209-2				87		%
Boron	10-1	14.27	13.72	13.89	13.96	2.01	ppb
Boron	11-1	14.58	13.79	13.65	14.01	3.56	ppb
Cadmium	111-1	-0.03	-0.03	-0.05	-0.04		ppb
Cadmium	106-1	-0.89	-1.05	-1.18	-1.04		ppb
Cadmium	108-1	0.07	-0.01	0.03	0.03	132.15	ppb
Calcium	43-1	10.72	9.35	8.64	9.57	11.04	ppb
Calcium	44-1	9.64	10.32	10.02	10.00	3.43	ppb
Chromium	52-2	0.17	0.21	0.17	0.18	12.89	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	28.92	ppb
Copper	63-2	0.68	0.67	0.69	0.68	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				90		%
Indium	115-1				91		%
Indium	115-2				83		%
Iron	56-2	4.81	4.80	4.97	4.86	1.91	ppb
Iron	57-2	5.41	5.50	4.41	5.11	11.85	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.02	0.02	27.47	ppb
Lead	207-1	0.01	0.02	0.01	0.01	19.30	ppb
Lead	208-1	0.02	0.02	0.02	0.02	16.66	ppb
Lithium	6-1				79		%
Magnesium	24-2	9.58	8.83	9.70	9.37	5.04	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:09:22	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.08	0.06	0.07	13.92	ppb
Molybdenum	94-1	0.16	0.18	0.15	0.16	8.18	ppb
Molybdenum	95-1	0.21	0.19	0.19	0.20	5.19	ppb
Molybdenum	96-1	0.24	0.18	0.18	0.20	16.62	ppb
Molybdenum	97-1	0.19	0.19	0.18	0.19	3.62	ppb
Molybdenum	98-1	0.22	0.17	0.16	0.18	15.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.03	0.03	16.89	ppb
Phosphorus	31-2	-30.96	-27.58	-33.11	-30.55		ppb
Potassium	39-2	5.23	3.24	3.10	3.86	30.89	ppb
Rhodium	103-1				89		%
Rhodium	103-2				84		%
Scandium	45-1				82		%
Scandium	45-2				73		%
Selenium	77-2	0.00	0.16	0.16	0.11	86.60	ppb
Selenium	78-2	-0.12	0.17	-0.22	-0.06		ppb
Selenium	82-1	-0.08	0.16	0.13	0.07	196.94	ppb
Silicon	28-1	6.58	6.47	6.55	6.53	0.92	ppb
Silver	109-1	0.06	0.07	0.06	0.06	6.29	ppb
Silver	107-1	0.07	0.06	0.06	0.06	5.26	ppb
Sodium	23-2	45.47	43.27	40.50	43.08	5.78	ppb
Strontium	86-1	0.01	0.01	0.02	0.01	57.01	ppb
Strontium	88-1	0.02	0.03	0.02	0.02	18.03	ppb
Sulfur	34-1	-258.64	-282.94	-200.55	-247.37		ppb
Terbium	159-1				96		%
Terbium	159-2				88		%
Thallium	203-1	0.06	0.06	0.06	0.06	2.41	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	8.56	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	6.26	ppb
Tin	118-1	0.02	0.02	0.03	0.03	21.92	ppb
Titanium	47-1	0.09	0.12	0.11	0.11	10.78	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	14.86	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	14.43	ppb
Yttrium	89-1				88		%
Yttrium	89-2				80		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:09:22	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.17	0.23	0.22	0.20	15.46	ppb
Zirconium	90-1	0.03	0.02	0.03	0.02	22.78	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	11.96	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-05 Instrumnet Name : P7
 Client Sample ID : EPA-EX-2-OB-01092019 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:12:58 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	727.12	702.53	709.07	712.91	1.79	ppb
Antimony	121-1	2.31	1.82	1.52	1.88	21.22	ppb
Arsenic	75-2	0.60	0.51	0.60	0.57	9.24	ppb
Barium	135-1	18.15	17.71	16.88	17.58	3.66	ppb
Barium	137-1	18.27	17.73	17.11	17.70	3.26	ppb
Beryllium	9-1	0.51	0.53	0.49	0.51	4.17	ppb
Bismuth	209-1				82		%
Bismuth	209-2				74		%
Boron	10-1	513.11	512.51	504.26	509.96	0.97	ppb
Boron	11-1	538.23	534.16	522.28	531.56	1.56	ppb
Cadmium	111-1	4.44	4.56	4.26	4.42	3.37	ppb
Cadmium	106-1	2.42	2.68	2.05	2.38	13.23	ppb
Cadmium	108-1	4.39	4.05	3.61	4.02	9.65	ppb
Calcium	43-1	35525.34	35189.05	33511.48	34741.95	3.11	ppb
Calcium	44-1	35684.52	34839.62	33198.93	34574.36	3.66	ppb
Chromium	52-2	30851.69	30494.31	30384.75	30576.92	0.80	ppb
Cobalt	59-2	7.14	7.21	7.09	7.15	0.81	ppb
Copper	63-2	762.48	754.59	755.94	757.67	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				81		%
Indium	115-1				80		%
Indium	115-2				72		%
Iron	56-2	64.45	63.61	63.02	63.69	1.13	ppb
Iron	57-2	131.56	131.17	130.38	131.04	0.46	ppb
Krypton	83-1						cps
Lead	206-1	1.07	1.01	0.99	1.02	3.70	ppb
Lead	207-1	0.96	0.95	0.89	0.93	4.32	ppb
Lead	208-1	1.01	0.99	0.93	0.98	4.15	ppb
Lithium	6-1				73		%
Magnesium	24-2	6050.66	5950.24	5934.44	5978.45	1.05	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-05 Instrumnet Name : P7
 Client Sample ID : EPA-EX-2-OB-01092019 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:12:58 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	487.81	482.51	484.13	484.82	0.56	ppb
Molybdenum	94-1	2.49	2.49	2.28	2.42	4.93	ppb
Molybdenum	95-1	3.22	3.17	2.98	3.12	4.16	ppb
Molybdenum	96-1	3.15	3.09	2.94	3.06	3.47	ppb
Molybdenum	97-1	3.27	3.31	3.12	3.23	3.08	ppb
Molybdenum	98-1	3.14	3.15	3.01	3.10	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.65	62.10	61.65	62.13	0.81	ppb
Phosphorus	31-2	-1.68	4.38	-8.93	-2.07		ppb
Potassium	39-2	3502.71	3442.43	3454.81	3466.65	0.92	ppb
Rhodium	103-1				76		%
Rhodium	103-2				71		%
Scandium	45-1				74		%
Scandium	45-2				64		%
Selenium	77-2	5.15	3.83	5.47	4.82	18.03	ppb
Selenium	78-2	2.18	1.76	2.06	2.00	10.87	ppb
Selenium	82-1	1.31	1.60	1.65	1.52	12.21	ppb
Silicon	28-1	13799.43	13467.75	12787.97	13351.72	3.86	ppb
Silver	109-1	5.43	5.24	5.03	5.23	3.77	ppb
Silver	107-1	5.48	5.29	4.99	5.25	4.69	ppb
Sodium	23-2	120700.78	118495.76	119018.03	119404.86	0.97	ppb
Strontium	86-1	44.14	42.91	40.81	42.62	3.94	ppb
Strontium	88-1	43.53	42.81	41.00	42.45	3.07	ppb
Sulfur	34-1	22537.87	21956.80	20642.58	21712.42	4.47	ppb
Terbium	159-1				88		%
Terbium	159-2				80		%
Thallium	203-1	0.35	0.27	0.22	0.28	24.78	ppb
Thallium	205-1	0.34	0.26	0.22	0.27	24.00	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	7.56	ppb
Tin	118-1	1.67	1.67	1.58	1.64	3.02	ppb
Titanium	47-1	2.05	2.02	2.06	2.04	1.11	ppb
Uranium	238-1	0.10	0.10	0.09	0.09	6.00	ppb
Vanadium	51-2	0.35	0.29	0.31	0.32	8.89	ppb
Yttrium	89-1				80		%
Yttrium	89-2				72		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-05	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-2-OB-01092019	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:12:58	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	213.04	208.13	208.34	209.84	1.32	ppb
Zirconium	90-1	0.18	0.19	0.17	0.18	4.35	ppb
Zirconium	91-1	0.20	0.18	0.16	0.18	12.38	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-07	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:16:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.31	2.86	2.10	2.42	16.14	ppb
Antimony	121-1	1.09	0.99	0.97	1.02	6.26	ppb
Arsenic	75-2	0.77	0.76	0.77	0.77	1.02	ppb
Barium	135-1	185.57	180.42	181.25	182.41	1.52	ppb
Barium	137-1	186.39	182.06	182.66	183.70	1.28	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	43.02	ppb
Bismuth	209-1				84		%
Bismuth	209-2				73		%
Boron	10-1	56.00	54.18	54.20	54.79	1.90	ppb
Boron	11-1	57.20	55.47	55.95	56.21	1.59	ppb
Cadmium	111-1	-0.08	-0.06	-0.06	-0.07		ppb
Cadmium	106-1	-1.67	-1.35	-1.26	-1.43		ppb
Cadmium	108-1	0.03	0.08	0.09	0.06	52.43	ppb
Calcium	43-1	89943.35	88247.84	89617.83	89269.67	1.01	ppb
Calcium	44-1	90793.68	88661.58	89543.63	89666.30	1.19	ppb
Chromium	52-2	1861.46	1876.19	1848.75	1862.13	0.74	ppb
Cobalt	59-2	0.13	0.12	0.12	0.12	3.99	ppb
Copper	63-2	5.37	5.45	5.29	5.37	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				81		%
Indium	115-1				82		%
Indium	115-2				71		%
Iron	56-2	16.26	16.46	16.22	16.31	0.79	ppb
Iron	57-2	190.08	195.92	195.03	193.68	1.62	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.18	0.18	0.17	5.54	ppb
Lead	207-1	0.16	0.14	0.14	0.15	9.36	ppb
Lead	208-1	0.16	0.15	0.16	0.16	2.59	ppb
Lithium	6-1				75		%
Magnesium	24-2	20345.89	20565.35	20116.72	20342.65	1.10	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-07	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:16:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.84	0.80	0.78	0.81	3.81	ppb
Molybdenum	94-1	0.33	0.37	0.36	0.35	6.60	ppb
Molybdenum	95-1	0.41	0.45	0.46	0.44	5.66	ppb
Molybdenum	96-1	0.45	0.45	0.43	0.44	2.77	ppb
Molybdenum	97-1	0.47	0.45	0.43	0.45	4.75	ppb
Molybdenum	98-1	0.47	0.46	0.43	0.45	4.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.29	2.34	2.29	2.30	1.37	ppb
Phosphorus	31-2	-16.50	-13.76	-3.63	-11.30		ppb
Potassium	39-2	1561.76	1563.37	1517.11	1547.41	1.70	ppb
Rhodium	103-1				77		%
Rhodium	103-2				70		%
Scandium	45-1				74		%
Scandium	45-2				63		%
Selenium	77-2	3.36	4.59	3.59	3.85	16.92	ppb
Selenium	78-2	2.24	1.97	1.78	1.99	11.55	ppb
Selenium	82-1	2.02	1.49	1.61	1.71	16.31	ppb
Silicon	28-1	5826.31	5679.05	5751.14	5752.17	1.28	ppb
Silver	109-1	0.08	0.07	0.07	0.07	6.45	ppb
Silver	107-1	0.07	0.07	0.07	0.07	5.53	ppb
Sodium	23-2	68523.35	69577.64	67982.95	68694.65	1.18	ppb
Strontium	86-1	139.86	136.16	137.69	137.90	1.35	ppb
Strontium	88-1	140.78	137.29	138.69	138.92	1.27	ppb
Sulfur	34-1	8398.85	8104.88	8317.19	8273.64	1.83	ppb
Terbium	159-1				91		%
Terbium	159-2				79		%
Thallium	203-1	0.07	0.06	0.05	0.06	18.77	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	11.51	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	11.04	ppb
Tin	118-1	0.46	0.43	0.49	0.46	6.33	ppb
Titanium	47-1	1.04	0.82	0.97	0.94	12.13	ppb
Uranium	238-1	0.25	0.26	0.25	0.25	1.32	ppb
Vanadium	51-2	1.29	1.32	1.28	1.30	1.48	ppb
Yttrium	89-1				80		%
Yttrium	89-2				69		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-07	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:16:38	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6.19	6.20	6.00	6.13	1.88	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	10.73	ppb
Zirconium	91-1	0.03	0.04	0.02	0.03	25.72	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05DLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109D Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:22:38 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	0.22	0.58	0.31	77.43	ppb
Antimony	121-1	0.10	0.08	0.09	0.09	12.75	ppb
Arsenic	75-2	2.42	2.49	2.36	2.42	2.76	ppb
Barium	135-1	2.89	2.89	3.04	2.94	3.04	ppb
Barium	137-1	2.96	2.87	2.99	2.94	2.29	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	25.90	ppb
Bismuth	209-1				88		%
Bismuth	209-2				80		%
Boron	10-1	25.79	26.84	27.29	26.64	2.89	ppb
Boron	11-1	26.66	27.61	27.74	27.34	2.16	ppb
Cadmium	111-1	-0.08	-0.10	-0.13	-0.10		ppb
Cadmium	106-1	-1.09	-1.28	-1.75	-1.37		ppb
Cadmium	108-1	0.02	0.07	0.00	0.03	128.69	ppb
Calcium	43-1	45999.73	46530.29	47446.11	46658.71	1.57	ppb
Calcium	44-1	46042.80	46655.98	47416.56	46705.11	1.47	ppb
Chromium	52-2	1.37	1.37	1.33	1.36	1.86	ppb
Cobalt	59-2	12.82	12.91	12.88	12.87	0.39	ppb
Copper	63-2	1.10	1.08	1.12	1.10	1.79	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				93		%
Holmium	165-2				85		%
Indium	115-1				84		%
Indium	115-2				76		%
Iron	56-2	2498.93	2502.26	2501.44	2500.87	0.07	ppb
Iron	57-2	2517.15	2553.99	2566.09	2545.74	1.00	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.00	470.70	ppb
Lead	207-1	0.00	0.00	0.00	0.00	212.27	ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				71		%
Magnesium	24-2	6826.69	6800.66	6737.67	6788.34	0.67	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05DLX10	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109D	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 17:22:38	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	461.54	465.27	466.47	464.43	0.55	ppb
Molybdenum	94-1	0.22	0.26	0.24	0.24	8.53	ppb
Molybdenum	95-1	0.25	0.25	0.25	0.25	1.47	ppb
Molybdenum	96-1	0.23	0.25	0.25	0.24	5.00	ppb
Molybdenum	97-1	0.26	0.24	0.22	0.24	8.51	ppb
Molybdenum	98-1	0.22	0.23	0.24	0.23	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.91	21.12	20.92	20.98	0.57	ppb
Phosphorus	31-2	-25.16	-21.11	-24.41	-23.56		ppb
Potassium	39-2	223.69	227.34	229.22	226.75	1.24	ppb
Rhodium	103-1				80		%
Rhodium	103-2				75		%
Scandium	45-1				74		%
Scandium	45-2				65		%
Selenium	77-2	0.18	0.18	0.36	0.24	42.91	ppb
Selenium	78-2	-0.29	-0.51	-0.36	-0.39		ppb
Selenium	82-1	0.23	0.20	0.31	0.25	22.72	ppb
Silicon	28-1	577.10	579.54	587.87	581.51	0.97	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.65	ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.86	ppb
Sodium	23-2	43166.53	43163.79	42965.40	43098.57	0.27	ppb
Strontium	86-1	113.74	113.53	115.35	114.21	0.87	ppb
Strontium	88-1	114.57	115.10	116.36	115.34	0.80	ppb
Sulfur	34-1	44440.70	44684.91	45568.77	44898.13	1.32	ppb
Terbium	159-1				92		%
Terbium	159-2				83		%
Thallium	203-1	0.01	0.00	0.00	0.01	106.55	ppb
Thallium	205-1	0.01	0.00	0.01	0.00	42.56	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	73.05	ppb
Tin	118-1	0.02	0.02	0.01	0.02	37.68	ppb
Titanium	47-1	0.12	0.13	0.12	0.13	4.32	ppb
Uranium	238-1	0.12	0.13	0.13	0.13	2.15	ppb
Vanadium	51-2	2.26	2.29	2.35	2.30	2.01	ppb
Yttrium	89-1				81		%
Yttrium	89-2				73		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05DLX10	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109D	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 17:22:38	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.01	1.83	1.71	1.85	8.16	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	8.88	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	8.40	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109D	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 17:26:14	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	0.38	0.12	0.25	51.21	ppb
Antimony	121-1	0.08	0.08	0.09	0.08	6.57	ppb
Arsenic	75-2	2.39	2.41	2.39	2.40	0.39	ppb
Barium	135-1	2.93	2.91	2.86	2.90	1.30	ppb
Barium	137-1	2.89	2.91	3.01	2.94	2.24	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	18.28	ppb
Bismuth	209-1				89		%
Bismuth	209-2				81		%
Boron	10-1	25.44	26.73	26.38	26.19	2.54	ppb
Boron	11-1	25.98	26.42	26.28	26.22	0.86	ppb
Cadmium	111-1	-0.06	-0.08	-0.09	-0.08		ppb
Cadmium	106-1	-0.82	-1.03	-1.20	-1.02		ppb
Cadmium	108-1	-0.01	-0.01	0.04	0.01	348.81	ppb
Calcium	43-1	46622.86	46823.19	46959.03	46801.69	0.36	ppb
Calcium	44-1	46545.41	46697.95	46493.67	46579.01	0.23	ppb
Chromium	52-2	1.00	1.08	0.98	1.02	5.02	ppb
Cobalt	59-2	12.85	12.96	12.77	12.86	0.73	ppb
Copper	63-2	1.00	1.08	1.01	1.03	4.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				86		%
Indium	115-1				85		%
Indium	115-2				77		%
Iron	56-2	2482.51	2495.36	2452.82	2476.90	0.88	ppb
Iron	57-2	2528.25	2579.57	2535.42	2547.75	1.09	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	73.74	ppb
Lead	207-1	0.00	0.00	0.00	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				72		%
Magnesium	24-2	6804.36	6888.76	6805.26	6832.80	0.71	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109D	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 17:26:14	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	462.42	464.46	463.46	463.45	0.22	ppb
Molybdenum	94-1	0.23	0.21	0.24	0.22	5.43	ppb
Molybdenum	95-1	0.24	0.25	0.24	0.24	2.15	ppb
Molybdenum	96-1	0.26	0.23	0.24	0.25	6.86	ppb
Molybdenum	97-1	0.28	0.24	0.22	0.25	12.16	ppb
Molybdenum	98-1	0.25	0.25	0.24	0.25	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.05	21.18	21.01	21.08	0.41	ppb
Phosphorus	31-2	-32.95	-25.06	-26.88	-28.30		ppb
Potassium	39-2	222.10	230.62	224.82	225.85	1.93	ppb
Rhodium	103-1				80		%
Rhodium	103-2				75		%
Scandium	45-1				75		%
Scandium	45-2				66		%
Selenium	77-2	0.18	0.18	0.18	0.18	0.15	ppb
Selenium	78-2	-0.10	-0.16	-0.13	-0.13		ppb
Selenium	82-1	0.26	0.11	0.15	0.17	44.37	ppb
Silicon	28-1	580.61	583.27	583.75	582.54	0.29	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.69	ppb
Silver	107-1	0.02	0.02	0.02	0.02	15.01	ppb
Sodium	23-2	43158.40	43320.04	42891.39	43123.27	0.50	ppb
Strontium	86-1	114.64	114.99	115.55	115.06	0.40	ppb
Strontium	88-1	115.19	114.82	115.57	115.19	0.33	ppb
Sulfur	34-1	45040.21	45118.35	45262.72	45140.43	0.25	ppb
Terbium	159-1				92		%
Terbium	159-2				84		%
Thallium	203-1	0.01	0.00	0.00	0.00	100.37	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	55.01	ppb
Tin	118-1	0.01	0.01	0.01	0.01	8.04	ppb
Titanium	47-1	0.12	0.11	0.12	0.12	4.21	ppb
Uranium	238-1	0.13	0.12	0.12	0.12	2.37	ppb
Vanadium	51-2	2.33	2.38	2.37	2.36	1.11	ppb
Yttrium	89-1				82		%
Yttrium	89-2				74		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109D	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 17:26:14	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.95	1.89	1.89	1.91	1.88	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	10.07	ppb
Zirconium	91-1	0.05	0.05	0.04	0.05	12.56	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05LDLX50 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109LI Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 17:29:51 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.32	0.07	0.11	0.17	78.44	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	33.70	ppb
Arsenic	75-2	0.50	0.46	0.42	0.46	8.22	ppb
Barium	135-1	0.54	0.55	0.56	0.55	1.93	ppb
Barium	137-1	0.53	0.60	0.61	0.58	7.92	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	46.62	ppb
Bismuth	209-1				93		%
Bismuth	209-2				84		%
Boron	10-1	9.83	8.83	8.76	9.14	6.57	ppb
Boron	11-1	9.24	9.38	8.90	9.17	2.70	ppb
Cadmium	111-1	-0.07	-0.14	-0.10	-0.11		ppb
Cadmium	106-1	-0.97	-1.80	-1.37	-1.38		ppb
Cadmium	108-1	0.02	0.00	0.02	0.01	97.39	ppb
Calcium	43-1	9234.82	9258.94	9230.75	9241.50	0.16	ppb
Calcium	44-1	9265.32	9256.20	9228.40	9249.97	0.21	ppb
Chromium	52-2	1.05	1.04	1.11	1.07	3.49	ppb
Cobalt	59-2	2.60	2.51	2.55	2.55	1.75	ppb
Copper	63-2	0.72	0.73	0.74	0.73	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				87		%
Indium	115-1				87		%
Indium	115-2				79		%
Iron	56-2	478.79	478.25	475.02	477.35	0.43	ppb
Iron	57-2	499.77	504.03	503.69	502.50	0.47	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.01	-0.02	-0.02		ppb
Lead	207-1	-0.02	-0.01	-0.02	-0.02		ppb
Lead	208-1	-0.02	-0.01	-0.02	-0.02		ppb
Lithium	6-1				73		%
Magnesium	24-2	1336.17	1329.54	1330.06	1331.92	0.28	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05LDLX50	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109LI	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:29:51	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	91.15	90.70	90.85	90.90	0.25	ppb
Molybdenum	94-1	0.06	0.07	0.05	0.06	13.54	ppb
Molybdenum	95-1	0.05	0.06	0.05	0.05	16.48	ppb
Molybdenum	96-1	0.05	0.06	0.05	0.05	5.86	ppb
Molybdenum	97-1	0.05	0.06	0.05	0.05	11.25	ppb
Molybdenum	98-1	0.05	0.06	0.05	0.05	5.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.24	4.47	4.15	4.29	3.86	ppb
Phosphorus	31-2	-30.09	-32.40	-21.45	-27.98		ppb
Potassium	39-2	41.56	38.87	38.16	39.53	4.54	ppb
Rhodium	103-1				84		%
Rhodium	103-2				78		%
Scandium	45-1				76		%
Scandium	45-2				68		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.35	-0.07	-0.30	-0.24		ppb
Selenium	82-1	0.07	0.06	0.03	0.05	39.07	ppb
Silicon	28-1	135.07	135.37	134.08	134.84	0.50	ppb
Silver	109-1	0.01	0.02	0.02	0.02	21.67	ppb
Silver	107-1	0.02	0.02	0.02	0.02	1.19	ppb
Sodium	23-2	8466.10	8367.93	8335.37	8389.80	0.81	ppb
Strontium	86-1	22.52	22.35	22.61	22.49	0.58	ppb
Strontium	88-1	22.63	22.59	22.55	22.59	0.19	ppb
Sulfur	34-1	11619.81	11705.36	11496.23	11607.13	0.91	ppb
Terbium	159-1				93		%
Terbium	159-2				85		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	101.25	ppb
Tin	118-1	0.01	0.01	0.00	0.01	59.62	ppb
Titanium	47-1	0.05	0.05	0.03	0.04	28.21	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.24	ppb
Vanadium	51-2	0.47	0.45	0.48	0.47	2.49	ppb
Yttrium	89-1				83		%
Yttrium	89-2				76		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05LDLX50	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109LI	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:29:51	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.84	0.76	0.78	0.79	5.00	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	30.07	ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	55.09	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-06DLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109M Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:33:27 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	941.02	942.21	950.04	944.42	0.52	ppb
Antimony	121-1	48.74	49.11	48.84	48.90	0.39	ppb
Arsenic	75-2	51.59	52.20	51.50	51.76	0.74	ppb
Barium	135-1	244.10	246.77	251.34	247.40	1.48	ppb
Barium	137-1	246.78	249.50	251.91	249.40	1.03	ppb
Beryllium	9-1	49.15	49.39	49.35	49.30	0.27	ppb
Bismuth	209-1				88		%
Bismuth	209-2				80		%
Boron	10-1	68.58	69.19	70.66	69.48	1.55	ppb
Boron	11-1	70.20	70.33	70.87	70.47	0.50	ppb
Cadmium	111-1	48.63	48.89	49.10	48.87	0.48	ppb
Cadmium	106-1	46.32	45.67	47.82	46.60	2.36	ppb
Cadmium	108-1	47.62	47.43	47.76	47.60	0.36	ppb
Calcium	43-1	52079.00	52657.21	52349.71	52361.97	0.55	ppb
Calcium	44-1	51692.14	51756.51	51581.08	51676.58	0.17	ppb
Chromium	52-2	53.74	52.79	53.19	53.24	0.90	ppb
Cobalt	59-2	68.57	68.21	67.94	68.24	0.46	ppb
Copper	63-2	117.65	117.77	117.55	117.66	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				94		%
Holmium	165-2				85		%
Indium	115-1				84		%
Indium	115-2				77		%
Iron	56-2	5330.81	5313.32	5275.54	5306.56	0.53	ppb
Iron	57-2	5339.19	5420.17	5342.59	5367.32	0.85	ppb
Krypton	83-1						cps
Lead	206-1	49.96	50.51	50.70	50.39	0.76	ppb
Lead	207-1	48.05	47.88	48.71	48.21	0.91	ppb
Lead	208-1	48.92	49.06	49.69	49.23	0.83	ppb
Lithium	6-1				70		%
Magnesium	24-2	11929.61	11893.89	11839.61	11887.70	0.38	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-06DLX10	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109M	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 17:33:27	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	575.66	575.20	570.19	573.68	0.53	ppb
Molybdenum	94-1	251.17	256.27	256.50	254.64	1.18	ppb
Molybdenum	95-1	249.65	254.17	257.71	253.84	1.59	ppb
Molybdenum	96-1	249.38	254.78	257.27	253.81	1.59	ppb
Molybdenum	97-1	250.58	256.67	256.28	254.51	1.34	ppb
Molybdenum	98-1	251.71	255.85	257.18	254.91	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	77.63	78.50	78.12	78.08	0.56	ppb
Phosphorus	31-2	-23.80	-22.25	-25.37	-23.81		ppb
Potassium	39-2	2563.77	2558.27	2547.72	2556.59	0.32	ppb
Rhodium	103-1				80		%
Rhodium	103-2				75		%
Scandium	45-1				74		%
Scandium	45-2				66		%
Selenium	77-2	49.22	57.18	51.04	52.48	7.95	ppb
Selenium	78-2	50.49	50.09	49.90	50.16	0.60	ppb
Selenium	82-1	51.39	51.20	52.61	51.73	1.49	ppb
Silicon	28-1	627.95	631.90	628.13	629.32	0.35	ppb
Silver	109-1	47.67	48.58	48.77	48.34	1.22	ppb
Silver	107-1	48.19	48.31	48.73	48.41	0.59	ppb
Sodium	23-2	47939.36	47774.83	47477.39	47730.53	0.49	ppb
Strontium	86-1	165.93	168.39	167.08	167.13	0.74	ppb
Strontium	88-1	166.49	166.27	166.64	166.47	0.11	ppb
Sulfur	34-1	44974.95	45500.64	45098.21	45191.27	0.61	ppb
Terbium	159-1				92		%
Terbium	159-2				83		%
Thallium	203-1	50.55	51.21	51.34	51.03	0.83	ppb
Thallium	205-1	50.49	51.00	51.31	50.93	0.81	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	28.43	ppb
Tin	118-1	47.76	47.81	48.58	48.05	0.95	ppb
Titanium	47-1	244.93	248.55	250.19	247.89	1.09	ppb
Uranium	238-1	49.66	49.44	49.86	49.65	0.42	ppb
Vanadium	51-2	55.04	54.59	54.37	54.67	0.63	ppb
Yttrium	89-1				81		%
Yttrium	89-2				74		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-06DLX10	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109M	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 17:33:27	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	120.53	120.73	119.45	120.24	0.57	ppb
Zirconium	90-1	50.72	51.30	51.37	51.13	0.70	ppb
Zirconium	91-1	50.18	50.78	50.79	50.58	0.69	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-07DLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109M Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:37:04 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	934.56	937.15	926.26	932.66	0.61	ppb
Antimony	121-1	48.07	48.72	48.51	48.43	0.69	ppb
Arsenic	75-2	51.47	51.58	52.05	51.70	0.59	ppb
Barium	135-1	244.57	248.25	246.52	246.44	0.75	ppb
Barium	137-1	243.97	250.66	249.51	248.05	1.44	ppb
Beryllium	9-1	48.98	49.14	48.73	48.95	0.42	ppb
Bismuth	209-1				88		%
Bismuth	209-2				80		%
Boron	10-1	68.35	68.67	70.09	69.04	1.34	ppb
Boron	11-1	70.32	70.20	71.51	70.67	1.02	ppb
Cadmium	111-1	47.75	48.36	48.06	48.06	0.63	ppb
Cadmium	106-1	45.91	46.69	45.71	46.10	1.13	ppb
Cadmium	108-1	47.19	47.83	48.05	47.69	0.94	ppb
Calcium	43-1	51373.10	52167.37	51913.84	51818.11	0.78	ppb
Calcium	44-1	51485.12	51670.45	51085.48	51413.68	0.58	ppb
Chromium	52-2	51.72	52.14	52.11	51.99	0.45	ppb
Cobalt	59-2	66.65	67.03	66.97	66.88	0.31	ppb
Copper	63-2	115.73	116.30	115.34	115.79	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				85		%
Indium	115-1				84		%
Indium	115-2				77		%
Iron	56-2	5253.26	5260.10	5206.85	5240.07	0.55	ppb
Iron	57-2	5277.50	5312.32	5320.10	5303.31	0.43	ppb
Krypton	83-1						cps
Lead	206-1	49.38	50.20	50.40	50.00	1.09	ppb
Lead	207-1	46.90	47.62	48.42	47.65	1.59	ppb
Lead	208-1	48.23	48.69	49.32	48.75	1.12	ppb
Lithium	6-1				70		%
Magnesium	24-2	11762.31	11779.09	11630.08	11723.83	0.70	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-07DLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109M Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:37:04 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	569.14	568.09	568.05	568.43	0.11	ppb
Molybdenum	94-1	250.29	252.49	254.86	252.55	0.91	ppb
Molybdenum	95-1	250.20	250.17	254.26	251.54	0.93	ppb
Molybdenum	96-1	250.01	251.02	254.87	251.97	1.02	ppb
Molybdenum	97-1	249.84	252.01	255.37	252.41	1.10	ppb
Molybdenum	98-1	249.98	251.48	253.07	251.51	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	77.30	76.66	76.72	76.89	0.46	ppb
Phosphorus	31-2	-26.27	-23.99	-21.78	-24.02		ppb
Potassium	39-2	2515.67	2542.18	2531.76	2529.87	0.53	ppb
Rhodium	103-1				80		%
Rhodium	103-2				75		%
Scandium	45-1				75		%
Scandium	45-2				67		%
Selenium	77-2	47.47	53.93	47.85	49.75	7.28	ppb
Selenium	78-2	47.62	47.19	46.88	47.23	0.79	ppb
Selenium	82-1	50.44	51.31	50.78	50.84	0.87	ppb
Silicon	28-1	620.38	627.27	623.58	623.74	0.55	ppb
Silver	109-1	46.97	47.89	47.52	47.46	0.98	ppb
Silver	107-1	47.41	47.87	48.62	47.97	1.27	ppb
Sodium	23-2	46849.44	47106.86	47074.52	47010.27	0.30	ppb
Strontium	86-1	164.07	166.54	166.25	165.62	0.81	ppb
Strontium	88-1	163.29	165.23	164.82	164.45	0.62	ppb
Sulfur	34-1	44669.11	44907.91	44505.36	44694.12	0.45	ppb
Terbium	159-1				92		%
Terbium	159-2				84		%
Thallium	203-1	49.89	51.02	50.84	50.58	1.20	ppb
Thallium	205-1	50.23	50.70	51.27	50.73	1.02	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	20.34	ppb
Tin	118-1	47.18	47.74	47.72	47.55	0.67	ppb
Titanium	47-1	244.28	245.82	246.84	245.64	0.52	ppb
Uranium	238-1	48.78	49.50	49.96	49.41	1.20	ppb
Vanadium	51-2	53.38	53.73	53.19	53.43	0.51	ppb
Yttrium	89-1				82		%
Yttrium	89-2				75		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-07DLX10	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109M	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 17:37:04	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	117.79	118.50	117.67	117.99	0.38	ppb
Zirconium	90-1	50.36	50.89	51.31	50.85	0.93	ppb
Zirconium	91-1	49.90	50.40	50.59	50.30	0.71	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05ADLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109A Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:40:41 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	951.47	944.53	957.51	951.17	0.68	ppb
Antimony	121-1	49.62	50.03	50.38	50.01	0.76	ppb
Arsenic	75-2	53.35	53.18	52.79	53.11	0.54	ppb
Barium	135-1	253.20	253.77	255.49	254.16	0.47	ppb
Barium	137-1	253.21	255.75	255.44	254.80	0.54	ppb
Beryllium	9-1	49.81	49.99	49.96	49.92	0.20	ppb
Bismuth	209-1				88		%
Bismuth	209-2				80		%
Boron	10-1	70.25	69.75	72.91	70.97	2.39	ppb
Boron	11-1	70.96	72.89	72.61	72.15	1.44	ppb
Cadmium	111-1	49.01	49.50	49.53	49.35	0.59	ppb
Cadmium	106-1	47.34	47.37	47.92	47.54	0.69	ppb
Cadmium	108-1	49.20	50.16	49.03	49.46	1.24	ppb
Calcium	43-1	52904.78	53666.97	53195.52	53255.76	0.72	ppb
Calcium	44-1	52430.70	52472.59	52545.50	52482.93	0.11	ppb
Chromium	52-2	53.82	53.63	53.67	53.71	0.19	ppb
Cobalt	59-2	69.92	68.68	68.44	69.01	1.15	ppb
Copper	63-2	120.60	119.27	119.71	119.86	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				86		%
Indium	115-1				84		%
Indium	115-2				77		%
Iron	56-2	5963.85	5884.16	5886.42	5911.48	0.77	ppb
Iron	57-2	5987.77	5917.16	5959.31	5954.75	0.60	ppb
Krypton	83-1						cps
Lead	206-1	50.93	51.12	52.07	51.37	1.19	ppb
Lead	207-1	48.74	48.96	49.55	49.08	0.85	ppb
Lead	208-1	49.88	49.95	50.63	50.16	0.83	ppb
Lithium	6-1				70		%
Magnesium	24-2	12065.50	12023.19	11975.57	12021.42	0.37	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05ADLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109A Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:40:41 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	591.55	587.80	583.56	587.63	0.68	ppb
Molybdenum	94-1	258.16	256.12	259.92	258.07	0.74	ppb
Molybdenum	95-1	255.99	256.05	260.32	257.45	0.96	ppb
Molybdenum	96-1	255.82	258.94	258.20	257.66	0.63	ppb
Molybdenum	97-1	258.45	257.73	258.53	258.24	0.17	ppb
Molybdenum	98-1	258.31	257.55	258.32	258.06	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.97	78.05	78.39	78.80	1.30	ppb
Phosphorus	31-2	-24.75	-21.91	-27.09	-24.59		ppb
Potassium	39-2	2632.63	2588.12	2584.57	2601.77	1.03	ppb
Rhodium	103-1				80		%
Rhodium	103-2				75		%
Scandium	45-1				75		%
Scandium	45-2				67		%
Selenium	77-2	45.15	46.01	43.03	44.73	3.43	ppb
Selenium	78-2	50.69	48.79	51.19	50.22	2.52	ppb
Selenium	82-1	52.21	52.28	51.92	52.14	0.36	ppb
Silicon	28-1	636.44	637.82	635.51	636.59	0.18	ppb
Silver	109-1	48.89	49.23	49.05	49.06	0.35	ppb
Silver	107-1	49.12	49.38	49.34	49.28	0.29	ppb
Sodium	23-2	48289.64	48214.08	47869.43	48124.39	0.47	ppb
Strontium	86-1	167.53	169.67	170.57	169.25	0.92	ppb
Strontium	88-1	169.31	167.81	170.02	169.05	0.67	ppb
Sulfur	34-1	45610.05	45815.74	45262.77	45562.85	0.61	ppb
Terbium	159-1				92		%
Terbium	159-2				84		%
Thallium	203-1	52.07	51.91	52.15	52.04	0.24	ppb
Thallium	205-1	51.76	52.00	52.56	52.11	0.79	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	16.47	ppb
Tin	118-1	48.40	48.47	49.61	48.83	1.38	ppb
Titanium	47-1	251.56	251.70	252.78	252.01	0.27	ppb
Uranium	238-1	51.03	50.25	51.26	50.85	1.04	ppb
Vanadium	51-2	55.12	55.53	54.83	55.16	0.64	ppb
Yttrium	89-1				82		%
Yttrium	89-2				75		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05ADLX10	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109A	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 17:40:41	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	121.68	121.24	121.89	121.60	0.27	ppb
Zirconium	90-1	51.73	52.03	52.30	52.02	0.55	ppb
Zirconium	91-1	50.98	50.98	51.80	51.26	0.93	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-08DLX100 Instrumnet Name : P7
 Client Sample ID : WP022RW349-190110DI Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 17:44:17 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	-0.05	-0.01	-0.05		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	56.16	ppb
Arsenic	75-2	0.03	0.04	0.01	0.03	41.85	ppb
Barium	135-1	0.49	0.53	0.55	0.52	5.47	ppb
Barium	137-1	0.49	0.52	0.48	0.50	4.39	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	42.73	ppb
Bismuth	209-1				92		%
Bismuth	209-2				84		%
Boron	10-1	8.72	8.71	8.67	8.70	0.32	ppb
Boron	11-1	8.83	8.86	8.47	8.72	2.47	ppb
Cadmium	111-1	0.09	0.08	0.07	0.08	16.44	ppb
Cadmium	106-1	-1.09	-1.42	-1.39	-1.30		ppb
Cadmium	108-1	0.20	0.17	0.17	0.18	8.36	ppb
Calcium	43-1	5659.58	5659.22	5606.45	5641.75	0.54	ppb
Calcium	44-1	5652.74	5603.66	5600.55	5618.98	0.52	ppb
Chromium	52-2	0.70	0.82	0.75	0.76	7.95	ppb
Cobalt	59-2	25.34	25.41	25.17	25.30	0.50	ppb
Copper	63-2	3.27	3.37	3.26	3.30	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				88		%
Indium	115-1				88		%
Indium	115-2				80		%
Iron	56-2	160.49	163.34	162.12	161.98	0.88	ppb
Iron	57-2	172.63	174.64	175.64	174.30	0.88	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	4.01	ppb
Lead	207-1	0.01	0.01	0.01	0.01	12.11	ppb
Lead	208-1	0.02	0.02	0.02	0.02	7.51	ppb
Lithium	6-1				72		%
Magnesium	24-2	2484.27	2501.38	2481.02	2488.89	0.44	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-08DLX100 Instrumnet Name : P7
 Client Sample ID : WP022RW349-190110DI Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 17:44:17 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	912.18	917.06	909.56	912.93	0.42	ppb
Molybdenum	94-1	0.08	0.07	0.09	0.08	11.03	ppb
Molybdenum	95-1	0.08	0.07	0.06	0.07	19.95	ppb
Molybdenum	96-1	0.07	0.07	0.05	0.06	17.92	ppb
Molybdenum	97-1	0.07	0.07	0.06	0.06	9.34	ppb
Molybdenum	98-1	0.07	0.06	0.06	0.06	6.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.95	52.58	51.64	52.06	0.92	ppb
Phosphorus	31-2	-24.51	-29.53	-32.57	-28.87		ppb
Potassium	39-2	127.35	129.31	127.97	128.21	0.78	ppb
Rhodium	103-1				84		%
Rhodium	103-2				79		%
Scandium	45-1				77		%
Scandium	45-2				69		%
Selenium	77-2	0.17	0.00	0.34	0.17	100.06	ppb
Selenium	78-2	-0.52	-0.46	-0.23	-0.40		ppb
Selenium	82-1	0.06	0.12	-0.08	0.03	307.42	ppb
Silicon	28-1	98.45	99.16	99.02	98.88	0.38	ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.30	ppb
Silver	107-1	0.02	0.01	0.02	0.02	14.28	ppb
Sodium	23-2	23237.95	23379.85	23212.52	23276.77	0.39	ppb
Strontium	86-1	23.60	23.74	23.33	23.56	0.88	ppb
Strontium	88-1	23.53	23.71	23.71	23.65	0.45	ppb
Sulfur	34-1	19669.46	19507.54	19596.11	19591.03	0.41	ppb
Terbium	159-1				94		%
Terbium	159-2				86		%
Thallium	203-1	0.01	0.00	0.00	0.01	63.84	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	0.00	0.02	0.01	83.44	ppb
Titanium	47-1	0.07	0.04	0.07	0.06	26.75	ppb
Uranium	238-1	0.18	0.17	0.17	0.17	1.88	ppb
Vanadium	51-2	0.16	0.18	0.17	0.17	3.26	ppb
Yttrium	89-1				84		%
Yttrium	89-2				77		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-08DLX100	Instrumnet Name :	P7
Client Sample ID :	WP022RW349-190110DI	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 17:44:17	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.38	8.72	8.42	8.51	2.21	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	4.40	ppb
Zirconium	91-1	0.02	0.03	0.04	0.03	30.16	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-05DLX50	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-2-OB-01092019	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:47:53	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.82	14.25	14.81	14.63	2.26	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	20.61	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.37	0.30	0.36	0.35	12.09	ppb
Barium	137-1	0.33	0.36	0.37	0.35	5.97	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	18.06	ppb
Bismuth	209-1				93		%
Bismuth	209-2				85		%
Boron	10-1	13.66	13.88	13.72	13.75	0.84	ppb
Boron	11-1	13.67	13.93	14.24	13.95	2.07	ppb
Cadmium	111-1	-0.02	0.04	0.01	0.01	312.35	ppb
Cadmium	106-1	-1.48	-0.51	-0.96	-0.98		ppb
Cadmium	108-1	0.09	0.09	0.10	0.09	5.86	ppb
Calcium	43-1	689.76	709.80	708.83	702.80	1.61	ppb
Calcium	44-1	707.51	708.56	710.65	708.91	0.23	ppb
Chromium	52-2	637.48	634.75	627.79	633.34	0.79	ppb
Cobalt	59-2	0.14	0.13	0.14	0.14	4.29	ppb
Copper	63-2	16.52	16.31	16.43	16.42	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				87		%
Indium	115-1				87		%
Indium	115-2				80		%
Iron	56-2	1.07	1.00	1.03	1.03	3.22	ppb
Iron	57-2	2.88	2.95	2.36	2.73	11.83	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.02	0.00	-0.01		ppb
Lead	207-1	-0.02	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				72		%
Magnesium	24-2	122.54	123.81	120.84	122.40	1.22	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-05DLX50 Instrumnet Name : P7
 Client Sample ID : EPA-EX-2-OB-01092019 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 17:47:53 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.23	10.24	10.28	10.25	0.25	ppb
Molybdenum	94-1	0.07	0.05	0.05	0.06	18.20	ppb
Molybdenum	95-1	0.06	0.08	0.07	0.07	9.59	ppb
Molybdenum	96-1	0.08	0.08	0.07	0.08	9.43	ppb
Molybdenum	97-1	0.08	0.06	0.08	0.07	11.40	ppb
Molybdenum	98-1	0.07	0.07	0.08	0.07	7.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	1.27	1.25	1.26	0.77	ppb
Phosphorus	31-2	-32.35	-32.41	-38.40	-34.39		ppb
Potassium	39-2	63.02	65.51	60.23	62.92	4.20	ppb
Rhodium	103-1				85		%
Rhodium	103-2				79		%
Scandium	45-1				77		%
Scandium	45-2				68		%
Selenium	77-2	0.35	0.00	0.51	0.29	91.40	ppb
Selenium	78-2	-0.33	-0.16	-0.25	-0.25		ppb
Selenium	82-1	0.11	0.00	0.18	0.10	92.28	ppb
Silicon	28-1	273.81	275.05	273.45	274.10	0.31	ppb
Silver	109-1	0.10	0.12	0.13	0.12	10.37	ppb
Silver	107-1	0.13	0.13	0.12	0.13	3.24	ppb
Sodium	23-2	2423.37	2425.68	2396.56	2415.20	0.67	ppb
Strontium	86-1	0.86	0.87	0.88	0.87	1.09	ppb
Strontium	88-1	0.86	0.85	0.89	0.87	2.39	ppb
Sulfur	34-1	95.02	116.97	95.48	102.49	12.24	ppb
Terbium	159-1				93		%
Terbium	159-2				86		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	0.03	0.03	0.02	37.14	ppb
Titanium	47-1	0.06	0.07	0.06	0.07	12.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	28.07	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	21.89	ppb
Yttrium	89-1				83		%
Yttrium	89-2				76		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-05DLX50	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-2-OB-01092019	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:47:53	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.16	5.04	4.97	5.06	1.92	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	11.40	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:55:43	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52432.53	52003.70	51662.42	52032.89	0.74	ppb
Antimony	121-1	469.87	476.56	475.50	473.98	0.76	ppb
Arsenic	75-2	468.43	472.99	472.65	471.35	0.54	ppb
Barium	135-1	2470.30	2505.61	2490.66	2488.86	0.71	ppb
Barium	137-1	2466.93	2496.89	2508.39	2490.74	0.86	ppb
Beryllium	9-1	486.99	494.14	492.56	491.23	0.76	ppb
Bismuth	209-1				75		%
Bismuth	209-2				69		%
Boron	10-1	467.86	481.69	486.61	478.72	2.03	ppb
Boron	11-1	465.05	476.92	491.97	477.98	2.82	ppb
Cadmium	111-1	593.17	609.59	613.18	605.32	1.76	ppb
Cadmium	106-1	563.38	577.12	581.01	573.84	1.61	ppb
Cadmium	108-1	574.81	584.39	584.69	581.30	0.97	ppb
Calcium	43-1	246536.23	246651.04	248559.67	247248.98	0.46	ppb
Calcium	44-1	246762.82	247537.35	247663.69	247321.29	0.20	ppb
Chromium	52-2	526.48	525.68	521.91	524.69	0.46	ppb
Cobalt	59-2	518.75	518.09	516.76	517.87	0.20	ppb
Copper	63-2	1009.11	1006.33	1004.24	1006.56	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				89		%
Holmium	165-2				84		%
Indium	115-1				77		%
Indium	115-2				75		%
Iron	56-2	134413.16	133413.75	131470.20	133099.04	1.12	ppb
Iron	57-2	134560.10	133942.62	134374.37	134292.36	0.24	ppb
Krypton	83-1						cps
Lead	206-1	539.12	533.73	538.16	537.00	0.54	ppb
Lead	207-1	534.78	532.27	533.17	533.41	0.24	ppb
Lead	208-1	535.29	531.45	533.18	533.30	0.36	ppb
Lithium	6-1				69		%
Magnesium	24-2	253292.46	252193.41	250616.06	252033.97	0.53	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:55:43	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1040.68	1027.10	1015.17	1027.65	1.24	ppb
Molybdenum	94-1	2605.34	2603.89	2598.88	2602.70	0.13	ppb
Molybdenum	95-1	2619.56	2593.42	2600.48	2604.49	0.52	ppb
Molybdenum	96-1	2595.11	2618.56	2612.63	2608.76	0.47	ppb
Molybdenum	97-1	2618.93	2631.85	2632.81	2627.86	0.29	ppb
Molybdenum	98-1	2600.55	2606.98	2604.66	2604.06	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.20	516.05	516.01	516.42	0.13	ppb
Phosphorus	31-2	9642.24	9386.26	9717.66	9582.05	1.81	ppb
Potassium	39-2	120427.03	118699.09	118117.99	119081.37	1.01	ppb
Rhodium	103-1				71		%
Rhodium	103-2				70		%
Scandium	45-1				74		%
Scandium	45-2				72		%
Selenium	77-2	444.95	446.76	447.77	446.49	0.32	ppb
Selenium	78-2	449.41	456.22	458.71	454.78	1.06	ppb
Selenium	82-1	463.05	463.81	468.80	465.22	0.67	ppb
Silicon	28-1	444.62	448.93	460.39	451.32	1.81	ppb
Silver	109-1	505.00	510.56	511.97	509.18	0.72	ppb
Silver	107-1	506.53	508.13	513.21	509.29	0.68	ppb
Sodium	23-2	244482.45	242685.16	243140.53	243436.04	0.38	ppb
Strontium	86-1	514.13	518.23	525.68	519.34	1.13	ppb
Strontium	88-1	520.67	516.74	516.77	518.06	0.44	ppb
Sulfur	34-1	9901.37	9941.70	10088.11	9977.06	0.98	ppb
Terbium	159-1				88		%
Terbium	159-2				82		%
Thallium	203-1	544.60	545.21	550.50	546.77	0.59	ppb
Thallium	205-1	546.95	543.85	546.22	545.68	0.30	ppb
Thorium	232-1	567.55	567.93	561.96	565.81	0.59	ppb
Tin	118-1	477.70	488.01	487.00	484.23	1.17	ppb
Titanium	47-1	2552.45	2561.69	2564.63	2559.59	0.25	ppb
Uranium	238-1	569.37	564.52	561.21	565.03	0.73	ppb
Vanadium	51-2	527.59	526.44	525.81	526.61	0.17	ppb
Yttrium	89-1				78		%
Yttrium	89-2				77		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:55:43	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1017.80	1017.57	1015.15	1016.84	0.14	ppb
Zirconium	90-1	520.14	515.52	518.55	518.07	0.45	ppb
Zirconium	91-1	508.52	512.31	513.69	511.51	0.52	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:59:27	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.44	2.51	2.89	2.62	9.23	ppb
Antimony	121-1	0.16	0.15	0.14	0.15	8.92	ppb
Arsenic	75-2	0.04	0.04	0.02	0.03	41.90	ppb
Barium	135-1	0.07	0.11	0.09	0.09	24.51	ppb
Barium	137-1	0.07	0.09	0.12	0.09	28.97	ppb
Beryllium	9-1	0.03	0.05	0.05	0.04	19.95	ppb
Bismuth	209-1				92		%
Bismuth	209-2				86		%
Boron	10-1	10.56	9.54	8.85	9.65	8.91	ppb
Boron	11-1	10.66	9.36	8.78	9.60	10.00	ppb
Cadmium	111-1	0.01	-0.02	0.04	0.01	230.02	ppb
Cadmium	106-1	-0.62	-0.86	-0.29	-0.59		ppb
Cadmium	108-1	0.04	0.11	0.06	0.07	54.71	ppb
Calcium	43-1	8.26	10.22	14.35	10.94	28.41	ppb
Calcium	44-1	8.99	10.60	11.75	10.45	13.28	ppb
Chromium	52-2	0.25	0.26	0.28	0.26	5.44	ppb
Cobalt	59-2	0.02	0.03	0.03	0.03	14.62	ppb
Copper	63-2	0.46	0.48	0.49	0.48	3.82	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				94		%
Holmium	165-2				89		%
Indium	115-1				89		%
Indium	115-2				83		%
Iron	56-2	7.53	7.60	8.30	7.81	5.46	ppb
Iron	57-2	7.33	7.30	8.21	7.62	6.82	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	5.90	ppb
Lead	207-1	0.03	0.04	0.03	0.04	15.34	ppb
Lead	208-1	0.03	0.04	0.04	0.04	4.22	ppb
Lithium	6-1				77		%
Magnesium	24-2	14.05	13.82	14.61	14.16	2.85	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:59:27	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.06	0.08	0.06	21.40	ppb
Molybdenum	94-1	0.38	0.36	0.35	0.36	4.41	ppb
Molybdenum	95-1	0.49	0.42	0.39	0.43	11.69	ppb
Molybdenum	96-1	0.46	0.39	0.38	0.41	10.57	ppb
Molybdenum	97-1	0.50	0.45	0.41	0.46	10.04	ppb
Molybdenum	98-1	0.47	0.43	0.40	0.44	7.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.02	0.02	47.48	ppb
Phosphorus	31-2	-30.79	-30.93	-27.96	-29.89		ppb
Potassium	39-2	6.27	5.51	6.10	5.96	6.65	ppb
Rhodium	103-1				87		%
Rhodium	103-2				82		%
Scandium	45-1				80		%
Scandium	45-2				72		%
Selenium	77-2	0.00	0.49	0.49	0.33	86.60	ppb
Selenium	78-2	-0.13	-0.10	-0.02	-0.08		ppb
Selenium	82-1	-0.02	0.13	0.06	0.06	133.18	ppb
Silicon	28-1	2.79	2.78	2.12	2.56	15.03	ppb
Silver	109-1	0.03	0.05	0.05	0.04	16.76	ppb
Silver	107-1	0.04	0.04	0.04	0.04	1.61	ppb
Sodium	23-2	42.12	42.61	39.24	41.32	4.40	ppb
Strontium	86-1	0.04	0.00	0.03	0.02	96.94	ppb
Strontium	88-1	0.02	0.02	0.03	0.02	22.74	ppb
Sulfur	34-1	-261.29	-216.17	-271.38	-249.62		ppb
Terbium	159-1				93		%
Terbium	159-2				87		%
Thallium	203-1	0.13	0.11	0.11	0.12	11.27	ppb
Thallium	205-1	0.12	0.12	0.11	0.11	5.73	ppb
Thorium	232-1	0.07	0.06	0.06	0.07	8.01	ppb
Tin	118-1	0.06	0.06	0.06	0.06	3.07	ppb
Titanium	47-1	0.14	0.16	0.13	0.14	7.58	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.98	ppb
Vanadium	51-2	0.02	0.03	0.04	0.03	26.82	ppb
Yttrium	89-1				86		%
Yttrium	89-2				80		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:59:27	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.24	0.24	0.29	0.25	11.62	ppb
Zirconium	90-1	0.03	0.04	0.04	0.03	12.46	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	5.50	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : PB116267BL Instrumnet Name : P7
 Client Sample ID : PB116267BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:03:03 DataFile Name : 056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.24	-0.06	0.09	171.06	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	9.83	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	241.30	ppb
Barium	135-1	0.01	-0.01	-0.01	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.00	187.07	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	9.13	ppb
Bismuth	209-1				92		%
Bismuth	209-2				85		%
Boron	10-1	4.93	4.29	4.21	4.48	8.74	ppb
Boron	11-1	4.95	4.71	4.52	4.72	4.56	ppb
Cadmium	111-1	-0.03	-0.03	-0.06	-0.04		ppb
Cadmium	106-1	-0.61	-0.64	-0.98	-0.74		ppb
Cadmium	108-1	0.05	0.05	0.04	0.04	10.12	ppb
Calcium	43-1	4.12	4.90	3.15	4.06	21.54	ppb
Calcium	44-1	3.28	2.79	2.18	2.75	20.15	ppb
Chromium	52-2	0.26	0.24	0.27	0.26	6.06	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.44	0.41	0.39	0.42	5.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				88		%
Indium	115-1				88		%
Indium	115-2				82		%
Iron	56-2	0.53	0.44	0.45	0.47	10.24	ppb
Iron	57-2	0.62	0.57	0.56	0.58	5.41	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.02	0.01	23.55	ppb
Lead	207-1	0.01	0.00	0.00	0.01	75.66	ppb
Lead	208-1	0.01	0.01	0.01	0.01	7.16	ppb
Lithium	6-1				77		%
Magnesium	24-2	0.98	0.66	0.55	0.73	31.29	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116267BL	Instrumnet Name :	P7
Client Sample ID :	PB116267BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:03:03	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.03	0.02	0.03	24.06	ppb
Molybdenum	94-1	0.08	0.08	0.06	0.07	12.40	ppb
Molybdenum	95-1	0.10	0.08	0.07	0.08	18.76	ppb
Molybdenum	96-1	0.08	0.09	0.07	0.08	11.66	ppb
Molybdenum	97-1	0.09	0.07	0.06	0.07	14.01	ppb
Molybdenum	98-1	0.08	0.08	0.07	0.08	7.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.01	0.00	206.33	ppb
Phosphorus	31-2	-27.99	-32.24	-30.92	-30.38		ppb
Potassium	39-2	-1.62	0.53	-2.68	-1.26		ppb
Rhodium	103-1				86		%
Rhodium	103-2				82		%
Scandium	45-1				80		%
Scandium	45-2				72		%
Selenium	77-2	0.33	0.00	0.00	0.11	173.21	ppb
Selenium	78-2	0.13	-0.12	-0.08	-0.02		ppb
Selenium	82-1	-0.19	-0.03	0.02	-0.07		ppb
Silicon	28-1	0.05	0.47	-0.02	0.17	159.78	ppb
Silver	109-1	0.03	0.03	0.02	0.03	23.40	ppb
Silver	107-1	0.03	0.02	0.02	0.03	28.75	ppb
Sodium	23-2	20.69	20.77	20.04	20.50	1.95	ppb
Strontium	86-1	-0.01	0.00	0.00	-0.01		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	40.05	ppb
Sulfur	34-1	-170.05	-157.54	-217.78	-181.79		ppb
Terbium	159-1				93		%
Terbium	159-2				87		%
Thallium	203-1	0.03	0.03	0.03	0.03	12.71	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	12.25	ppb
Thorium	232-1	0.02	0.02	0.01	0.02	11.17	ppb
Tin	118-1	0.03	0.03	0.02	0.03	25.86	ppb
Titanium	47-1	0.05	0.04	0.04	0.04	12.71	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	61.14	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	9.91	ppb
Yttrium	89-1				85		%
Yttrium	89-2				79		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116267BL	Instrumnet Name :	P7
Client Sample ID :	PB116267BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:03:03	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.74	0.81	0.73	0.76	5.78	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	2.67	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	31.11	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116267BS	Instrumnet Name :	P7
Client Sample ID :	PB116267BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:06:39	DataFile Name :	057LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9338.13	9300.62	9303.02	9313.92	0.23	ppb
Antimony	121-1	492.08	491.18	494.54	492.60	0.35	ppb
Arsenic	75-2	493.09	495.71	492.26	493.69	0.36	ppb
Barium	135-1	2464.93	2457.77	2460.79	2461.16	0.15	ppb
Barium	137-1	2480.29	2464.73	2466.39	2470.47	0.35	ppb
Beryllium	9-1	493.95	491.24	494.08	493.09	0.32	ppb
Bismuth	209-1				86		%
Bismuth	209-2				79		%
Boron	10-1	469.21	478.47	481.91	476.53	1.38	ppb
Boron	11-1	468.14	479.98	481.79	476.64	1.55	ppb
Cadmium	111-1	490.19	491.20	494.53	491.97	0.46	ppb
Cadmium	106-1	480.82	485.80	484.17	483.59	0.53	ppb
Cadmium	108-1	477.27	478.83	487.85	481.32	1.19	ppb
Calcium	43-1	50298.27	49912.70	50913.74	50374.90	1.00	ppb
Calcium	44-1	49559.38	49385.72	49559.18	49501.43	0.20	ppb
Chromium	52-2	518.61	517.68	519.84	518.71	0.21	ppb
Cobalt	59-2	529.15	528.38	532.11	529.88	0.37	ppb
Copper	63-2	1081.18	1072.94	1082.33	1078.82	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				88		%
Indium	115-1				84		%
Indium	115-2				79		%
Iron	56-2	27181.90	26806.20	27175.43	27054.51	0.79	ppb
Iron	57-2	27007.26	27191.25	27407.45	27201.99	0.74	ppb
Krypton	83-1						cps
Lead	206-1	504.82	504.50	499.31	502.88	0.61	ppb
Lead	207-1	499.06	496.04	493.45	496.18	0.57	ppb
Lead	208-1	498.39	497.43	495.39	497.07	0.31	ppb
Lithium	6-1				75		%
Magnesium	24-2	52184.03	52157.86	51891.77	52077.88	0.31	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116267BS	Instrumnet Name :	P7
Client Sample ID :	PB116267BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:06:39	DataFile Name :	057LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1032.88	1024.73	1034.22	1030.61	0.50	ppb
Molybdenum	94-1	2485.49	2496.03	2491.19	2490.90	0.21	ppb
Molybdenum	95-1	2494.49	2509.00	2494.15	2499.21	0.34	ppb
Molybdenum	96-1	2502.39	2513.82	2484.03	2500.08	0.60	ppb
Molybdenum	97-1	2531.32	2511.61	2499.83	2514.25	0.63	ppb
Molybdenum	98-1	2508.41	2516.02	2517.63	2514.02	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	539.47	541.29	543.62	541.46	0.38	ppb
Phosphorus	31-2	9614.30	9490.80	9624.79	9576.63	0.78	ppb
Potassium	39-2	23380.37	23009.78	23233.61	23207.92	0.80	ppb
Rhodium	103-1				82		%
Rhodium	103-2				76		%
Scandium	45-1				79		%
Scandium	45-2				73		%
Selenium	77-2	484.84	498.30	489.14	490.76	1.40	ppb
Selenium	78-2	490.92	486.92	488.45	488.76	0.41	ppb
Selenium	82-1	504.47	510.62	510.62	508.57	0.70	ppb
Silicon	28-1	499.60	509.76	521.60	510.32	2.16	ppb
Silver	109-1	484.71	486.56	486.20	485.82	0.20	ppb
Silver	107-1	485.00	485.88	488.60	486.49	0.39	ppb
Sodium	23-2	48190.99	47786.15	47696.50	47891.21	0.55	ppb
Strontium	86-1	496.24	505.09	507.55	502.96	1.18	ppb
Strontium	88-1	500.16	499.44	501.21	500.27	0.18	ppb
Sulfur	34-1	9872.41	9693.09	9843.35	9802.95	0.98	ppb
Terbium	159-1				92		%
Terbium	159-2				86		%
Thallium	203-1	507.20	509.31	508.16	508.22	0.21	ppb
Thallium	205-1	509.02	510.99	503.87	507.96	0.72	ppb
Thorium	232-1	497.99	495.67	497.15	496.94	0.24	ppb
Tin	118-1	492.21	487.29	491.84	490.45	0.56	ppb
Titanium	47-1	2490.14	2466.43	2464.82	2473.80	0.57	ppb
Uranium	238-1	499.04	491.70	496.65	495.80	0.76	ppb
Vanadium	51-2	512.93	513.59	515.14	513.89	0.22	ppb
Yttrium	89-1				84		%
Yttrium	89-2				79		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116267BS	Instrumnet Name :	P7
Client Sample ID :	PB116267BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:06:39	DataFile Name :	057LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1109.54	1102.98	1113.45	1108.66	0.48	ppb
Zirconium	90-1	497.52	494.50	498.06	496.69	0.39	ppb
Zirconium	91-1	490.28	491.27	494.38	491.98	0.43	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-04	Instrumnet Name :	P7
Client Sample ID :	EB-01082019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:10:17	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.61	0.54	0.43	0.53	17.11	ppb
Antimony	121-1	0.13	0.12	0.11	0.12	9.67	ppb
Arsenic	75-2	0.06	0.06	0.11	0.08	38.49	ppb
Barium	135-1	1.38	1.36	1.33	1.36	1.68	ppb
Barium	137-1	1.37	1.39	1.39	1.38	0.56	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	21.99	ppb
Bismuth	209-1				102		%
Bismuth	209-2				93		%
Boron	10-1	10.60	9.80	8.85	9.75	8.94	ppb
Boron	11-1	10.21	9.32	8.57	9.36	8.77	ppb
Cadmium	111-1	0.04	0.05	0.00	0.03	88.48	ppb
Cadmium	106-1	-0.63	-0.42	-1.07	-0.71		ppb
Cadmium	108-1	0.11	0.06	0.06	0.08	39.96	ppb
Calcium	43-1	165.93	171.91	168.67	168.84	1.77	ppb
Calcium	44-1	164.99	165.31	164.11	164.80	0.38	ppb
Chromium	52-2	12.44	12.42	12.32	12.39	0.54	ppb
Cobalt	59-2	0.05	0.04	0.04	0.04	3.98	ppb
Copper	63-2	42.86	42.59	42.87	42.77	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				89		%
Iron	56-2	17.94	18.23	18.25	18.14	0.97	ppb
Iron	57-2	18.11	18.79	19.12	18.67	2.74	ppb
Krypton	83-1						cps
Lead	206-1	0.37	0.36	0.35	0.36	2.70	ppb
Lead	207-1	0.30	0.32	0.31	0.31	2.70	ppb
Lead	208-1	0.34	0.33	0.33	0.33	1.90	ppb
Lithium	6-1				83		%
Magnesium	24-2	8.95	9.02	8.71	8.89	1.83	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-04	Instrumnet Name :	P7
Client Sample ID :	EB-01082019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:10:17	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.89	0.89	0.91	0.90	1.14	ppb
Molybdenum	94-1	0.55	0.46	0.39	0.47	17.26	ppb
Molybdenum	95-1	0.66	0.60	0.56	0.61	8.40	ppb
Molybdenum	96-1	0.68	0.57	0.53	0.59	13.20	ppb
Molybdenum	97-1	0.73	0.59	0.50	0.61	19.07	ppb
Molybdenum	98-1	0.65	0.61	0.55	0.60	8.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.82	1.71	1.82	1.78	3.38	ppb
Phosphorus	31-2	-30.92	-18.73	-31.66	-27.10		ppb
Potassium	39-2	5.00	4.14	4.02	4.39	12.26	ppb
Rhodium	103-1				95		%
Rhodium	103-2				88		%
Scandium	45-1				87		%
Scandium	45-2				78		%
Selenium	77-2	0.00	0.15	0.00	0.05	173.21	ppb
Selenium	78-2	-0.10	-0.54	-0.10	-0.25		ppb
Selenium	82-1	0.21	-0.08	0.15	0.09	165.74	ppb
Silicon	28-1	3.25	3.06	2.43	2.92	14.77	ppb
Silver	109-1	0.06	0.04	0.04	0.05	14.81	ppb
Silver	107-1	0.06	0.04	0.04	0.05	17.84	ppb
Sodium	23-2	73.57	73.14	72.33	73.01	0.86	ppb
Strontium	86-1	0.31	0.26	0.30	0.29	10.12	ppb
Strontium	88-1	0.31	0.30	0.31	0.31	1.21	ppb
Sulfur	34-1	8153.80	8218.06	8167.52	8179.79	0.41	ppb
Terbium	159-1				103		%
Terbium	159-2				93		%
Thallium	203-1	0.07	0.06	0.06	0.06	11.42	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	8.95	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	15.54	ppb
Tin	118-1	0.08	0.07	0.07	0.07	5.04	ppb
Titanium	47-1	0.11	0.08	0.10	0.10	15.20	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.45	ppb
Vanadium	51-2	0.04	0.03	0.05	0.04	13.31	ppb
Yttrium	89-1				94		%
Yttrium	89-2				86		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-04	Instrumnet Name :	P7
Client Sample ID :	EB-01082019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:10:17	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	66.43	66.54	68.10	67.02	1.39	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	11.63	ppb
Zirconium	91-1	0.03	0.01	0.01	0.02	50.41	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:13:53	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.29	4.19	3.86	4.44	16.82	ppb
Antimony	121-1	1.41	1.21	1.13	1.25	11.68	ppb
Arsenic	75-2	0.94	1.01	0.90	0.95	6.14	ppb
Barium	135-1	171.66	172.01	173.08	172.25	0.43	ppb
Barium	137-1	175.19	173.08	173.62	173.96	0.63	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	16.32	ppb
Bismuth	209-1				81		%
Bismuth	209-2				74		%
Boron	10-1	51.26	51.16	50.52	50.98	0.79	ppb
Boron	11-1	52.17	51.37	52.22	51.92	0.92	ppb
Cadmium	111-1	0.36	0.31	0.30	0.32	9.48	ppb
Cadmium	106-1	-0.67	-1.11	-0.55	-0.78		ppb
Cadmium	108-1	0.50	0.31	0.37	0.39	26.02	ppb
Calcium	43-1	93101.22	92513.13	92401.62	92671.99	0.41	ppb
Calcium	44-1	93432.61	92800.85	91943.84	92725.77	0.81	ppb
Chromium	52-2	2543.61	2528.03	2532.78	2534.81	0.32	ppb
Cobalt	59-2	0.42	0.44	0.41	0.42	3.02	ppb
Copper	63-2	3.86	3.81	3.89	3.85	1.05	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				90		%
Holmium	165-2				82		%
Indium	115-1				82		%
Indium	115-2				74		%
Iron	56-2	3.51	3.44	3.20	3.38	4.73	ppb
Iron	57-2	187.04	183.30	182.61	184.32	1.29	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.20	0.16	0.21	23.79	ppb
Lead	207-1	0.22	0.19	0.18	0.20	10.99	ppb
Lead	208-1	0.24	0.19	0.17	0.20	17.16	ppb
Lithium	6-1				76		%
Magnesium	24-2	18043.56	18001.07	17974.15	18006.26	0.19	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:13:53	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	464.78	462.74	463.75	463.76	0.22	ppb
Molybdenum	94-1	0.52	0.48	0.47	0.49	5.97	ppb
Molybdenum	95-1	0.60	0.54	0.56	0.57	6.03	ppb
Molybdenum	96-1	0.54	0.61	0.56	0.57	6.37	ppb
Molybdenum	97-1	0.65	0.62	0.57	0.61	6.52	ppb
Molybdenum	98-1	0.57	0.55	0.53	0.55	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.88	1.82	1.86	1.85	1.89	ppb
Phosphorus	31-2	-11.65	-21.59	-9.18	-14.14		ppb
Potassium	39-2	1431.88	1426.83	1406.84	1421.85	0.93	ppb
Rhodium	103-1				78		%
Rhodium	103-2				72		%
Scandium	45-1				75		%
Scandium	45-2				66		%
Selenium	77-2	4.66	2.89	3.63	3.72	23.81	ppb
Selenium	78-2	2.09	1.85	1.62	1.86	12.70	ppb
Selenium	82-1	1.50	1.52	1.31	1.44	8.05	ppb
Silicon	28-1	5701.08	5688.27	5628.21	5672.52	0.69	ppb
Silver	109-1	0.45	0.33	0.25	0.34	29.21	ppb
Silver	107-1	0.43	0.33	0.26	0.34	25.57	ppb
Sodium	23-2	74641.01	74558.31	73998.70	74399.34	0.47	ppb
Strontium	86-1	147.62	146.61	148.40	147.54	0.61	ppb
Strontium	88-1	148.70	147.38	148.67	148.25	0.51	ppb
Sulfur	34-1	7909.95	7925.84	7921.15	7918.98	0.10	ppb
Terbium	159-1				88		%
Terbium	159-2				81		%
Thallium	203-1	0.56	0.40	0.32	0.42	28.84	ppb
Thallium	205-1	0.55	0.39	0.31	0.41	29.32	ppb
Thorium	232-1	0.06	0.05	0.05	0.05	14.21	ppb
Tin	118-1	0.59	0.59	0.59	0.59	0.27	ppb
Titanium	47-1	0.92	0.84	0.80	0.85	7.21	ppb
Uranium	238-1	0.36	0.34	0.35	0.35	2.96	ppb
Vanadium	51-2	1.35	1.32	1.39	1.35	2.49	ppb
Yttrium	89-1				80		%
Yttrium	89-2				73		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:13:53	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.76	9.64	9.65	9.68	0.72	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	5.29	ppb
Zirconium	91-1	0.06	0.05	0.04	0.05	20.70	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02DUP Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFDUP Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:17:30 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.69	4.63	4.73	4.68	1.08	ppb
Antimony	121-1	0.92	0.94	0.99	0.95	4.14	ppb
Arsenic	75-2	0.90	1.02	0.99	0.97	6.11	ppb
Barium	135-1	172.72	173.07	170.61	172.13	0.78	ppb
Barium	137-1	174.58	175.69	172.48	174.25	0.93	ppb
Beryllium	9-1	0.04	0.01	0.01	0.02	60.71	ppb
Bismuth	209-1				82		%
Bismuth	209-2				72		%
Boron	10-1	49.01	50.61	50.03	49.89	1.63	ppb
Boron	11-1	49.47	50.48	50.65	50.20	1.27	ppb
Cadmium	111-1	0.15	0.14	0.13	0.14	9.55	ppb
Cadmium	106-1	-1.28	-1.59	-1.51	-1.46		ppb
Cadmium	108-1	0.24	0.25	0.28	0.26	7.46	ppb
Calcium	43-1	94456.73	94285.75	93516.73	94086.40	0.53	ppb
Calcium	44-1	93931.55	94316.75	93719.42	93989.24	0.32	ppb
Chromium	52-2	2585.54	2585.29	2590.13	2586.99	0.11	ppb
Cobalt	59-2	0.43	0.44	0.47	0.45	3.94	ppb
Copper	63-2	3.86	3.90	3.80	3.85	1.35	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				90		%
Holmium	165-2				80		%
Indium	115-1				81		%
Indium	115-2				70		%
Iron	56-2	3.26	3.19	3.15	3.20	1.80	ppb
Iron	57-2	184.99	187.86	186.68	186.51	0.77	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.11	0.12	6.10	ppb
Lead	207-1	0.09	0.09	0.08	0.09	4.22	ppb
Lead	208-1	0.11	0.10	0.10	0.10	4.47	ppb
Lithium	6-1				73		%
Magnesium	24-2	18418.49	18392.52	18391.17	18400.73	0.08	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02DUP	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:17:30	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	475.65	476.12	475.96	475.91	0.05	ppb
Molybdenum	94-1	0.45	0.41	0.44	0.43	5.21	ppb
Molybdenum	95-1	0.53	0.48	0.52	0.51	5.33	ppb
Molybdenum	96-1	0.50	0.46	0.49	0.49	4.79	ppb
Molybdenum	97-1	0.52	0.55	0.48	0.52	6.85	ppb
Molybdenum	98-1	0.50	0.51	0.50	0.50	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.00	1.96	1.91	1.95	2.18	ppb
Phosphorus	31-2	-14.68	-23.31	-12.56	-16.85		ppb
Potassium	39-2	1421.94	1429.03	1418.14	1423.04	0.39	ppb
Rhodium	103-1				76		%
Rhodium	103-2				69		%
Scandium	45-1				73		%
Scandium	45-2				62		%
Selenium	77-2	2.47	3.83	3.46	3.25	21.66	ppb
Selenium	78-2	1.82	1.56	2.18	1.85	16.86	ppb
Selenium	82-1	1.39	1.36	0.89	1.21	23.15	ppb
Silicon	28-1	5686.09	5701.78	5618.80	5668.89	0.78	ppb
Silver	109-1	0.11	0.09	0.09	0.10	8.51	ppb
Silver	107-1	0.11	0.09	0.09	0.10	8.86	ppb
Sodium	23-2	75240.82	75224.76	75546.68	75337.42	0.24	ppb
Strontium	86-1	147.53	148.35	146.64	147.51	0.58	ppb
Strontium	88-1	148.81	149.10	147.96	148.62	0.40	ppb
Sulfur	34-1	7985.29	8025.57	7807.02	7939.29	1.46	ppb
Terbium	159-1				89		%
Terbium	159-2				78		%
Thallium	203-1	0.10	0.08	0.07	0.08	15.37	ppb
Thallium	205-1	0.09	0.08	0.06	0.08	16.88	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	6.79	ppb
Tin	118-1	0.49	0.53	0.52	0.51	3.89	ppb
Titanium	47-1	0.74	0.86	0.78	0.79	7.33	ppb
Uranium	238-1	0.36	0.36	0.38	0.37	3.38	ppb
Vanadium	51-2	1.41	1.39	1.39	1.39	0.80	ppb
Yttrium	89-1				79		%
Yttrium	89-2				69		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02DUP	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:17:30	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.92	11.15	11.42	11.16	2.22	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	5.99	ppb
Zirconium	91-1	0.04	0.06	0.05	0.05	18.14	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02LX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 18:21:06	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.76	0.64	0.90	0.77	16.79	ppb
Antimony	121-1	0.30	0.25	0.25	0.27	9.65	ppb
Arsenic	75-2	0.12	0.16	0.16	0.15	15.36	ppb
Barium	135-1	34.06	33.51	33.75	33.77	0.81	ppb
Barium	137-1	33.57	33.35	33.85	33.59	0.74	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	24.43	ppb
Bismuth	209-1				89		%
Bismuth	209-2				80		%
Boron	10-1	12.94	12.56	13.02	12.84	1.90	ppb
Boron	11-1	12.99	12.81	13.07	12.96	1.04	ppb
Cadmium	111-1	0.05	-0.10	-0.09	-0.05		ppb
Cadmium	106-1	-0.01	-1.94	-1.79	-1.25		ppb
Cadmium	108-1	0.08	0.02	0.04	0.05	59.65	ppb
Calcium	43-1	18249.36	18390.96	18312.67	18317.66	0.39	ppb
Calcium	44-1	18271.64	18342.90	18210.52	18275.02	0.36	ppb
Chromium	52-2	501.62	499.45	502.61	501.23	0.32	ppb
Cobalt	59-2	0.07	0.08	0.09	0.08	13.70	ppb
Copper	63-2	1.64	1.62	1.67	1.64	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				84		%
Indium	115-1				85		%
Indium	115-2				75		%
Iron	56-2	0.86	0.87	0.80	0.84	4.07	ppb
Iron	57-2	36.40	36.52	40.00	37.64	5.44	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.01	-0.01	-0.02	-0.01		ppb
Lead	208-1	0.00	-0.01	-0.01	-0.01		ppb
Lithium	6-1				71		%
Magnesium	24-2	3559.00	3527.61	3523.89	3536.83	0.55	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02LX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 18:21:06	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	93.90	93.47	93.57	93.64	0.24	ppb
Molybdenum	94-1	0.10	0.09	0.08	0.09	12.99	ppb
Molybdenum	95-1	0.11	0.10	0.10	0.11	4.79	ppb
Molybdenum	96-1	0.11	0.12	0.11	0.11	3.79	ppb
Molybdenum	97-1	0.10	0.12	0.11	0.11	11.03	ppb
Molybdenum	98-1	0.11	0.10	0.10	0.10	7.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.42	0.38	0.40	4.41	ppb
Phosphorus	31-2	-33.49	-31.87	-26.26	-30.54		ppb
Potassium	39-2	277.01	277.77	274.05	276.28	0.71	ppb
Rhodium	103-1				81		%
Rhodium	103-2				75		%
Scandium	45-1				73		%
Scandium	45-2				64		%
Selenium	77-2	0.90	0.54	0.36	0.60	45.30	ppb
Selenium	78-2	0.10	0.19	-0.10	0.07	226.14	ppb
Selenium	82-1	0.51	0.47	0.42	0.47	9.23	ppb
Silicon	28-1	1097.54	1103.62	1100.78	1100.65	0.28	ppb
Silver	109-1	0.03	0.02	0.03	0.03	11.60	ppb
Silver	107-1	0.03	0.03	0.02	0.03	10.76	ppb
Sodium	23-2	14641.52	14593.98	14598.26	14611.25	0.18	ppb
Strontium	86-1	29.14	28.41	28.49	28.68	1.39	ppb
Strontium	88-1	29.02	28.70	28.87	28.86	0.57	ppb
Sulfur	34-1	1386.46	1389.03	1380.47	1385.32	0.32	ppb
Terbium	159-1				92		%
Terbium	159-2				82		%
Thallium	203-1	0.01	0.00	0.00	0.00	36.79	ppb
Thallium	205-1	0.01	0.01	0.00	0.00	82.44	ppb
Thorium	232-1	0.01	0.00	0.01	0.01	9.63	ppb
Tin	118-1	0.06	0.06	0.06	0.06	1.14	ppb
Titanium	47-1	0.14	0.15	0.18	0.16	12.08	ppb
Uranium	238-1	0.06	0.07	0.06	0.06	2.12	ppb
Vanadium	51-2	0.35	0.32	0.35	0.34	5.94	ppb
Yttrium	89-1				81		%
Yttrium	89-2				72		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02LX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 18:21:06	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.83	2.59	2.83	2.75	5.13	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	10.59	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	84.56	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02MS	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFMS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:24:43	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8929.83	8975.94	8954.63	8953.47	0.26	ppb
Antimony	121-1	449.10	446.66	450.68	448.82	0.45	ppb
Arsenic	75-2	450.65	454.00	451.23	451.96	0.40	ppb
Barium	135-1	2500.24	2494.07	2504.15	2499.49	0.20	ppb
Barium	137-1	2514.90	2507.49	2521.81	2514.73	0.28	ppb
Beryllium	9-1	435.34	435.16	433.39	434.63	0.25	ppb
Bismuth	209-1				76		%
Bismuth	209-2				67		%
Boron	10-1	461.00	478.37	482.67	474.01	2.42	ppb
Boron	11-1	467.87	482.45	487.60	479.31	2.13	ppb
Cadmium	111-1	432.34	434.51	440.17	435.67	0.93	ppb
Cadmium	106-1	423.56	430.41	429.78	427.92	0.88	ppb
Cadmium	108-1	424.39	434.09	430.71	429.73	1.15	ppb
Calcium	43-1	140668.03	140295.18	139893.43	140285.55	0.28	ppb
Calcium	44-1	140485.23	139987.06	139891.24	140121.18	0.23	ppb
Chromium	52-2	3033.20	3022.51	3004.68	3020.13	0.48	ppb
Cobalt	59-2	515.02	519.05	516.42	516.83	0.40	ppb
Copper	63-2	1095.06	1087.93	1079.00	1087.33	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				77		%
Indium	115-1				74		%
Indium	115-2				66		%
Iron	56-2	26951.98	26875.80	26561.46	26796.41	0.77	ppb
Iron	57-2	26975.07	27006.22	26679.86	26887.05	0.67	ppb
Krypton	83-1						cps
Lead	206-1	499.28	505.33	503.72	502.78	0.62	ppb
Lead	207-1	478.21	483.11	481.62	480.98	0.52	ppb
Lead	208-1	488.66	491.80	491.06	490.51	0.33	ppb
Lithium	6-1				67		%
Magnesium	24-2	65598.24	66038.39	65051.26	65562.63	0.75	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02MS Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFMS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:24:43 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1501.88	1514.15	1501.84	1505.96	0.47	ppb
Molybdenum	94-1	2472.59	2468.54	2477.19	2472.77	0.17	ppb
Molybdenum	95-1	2458.16	2480.78	2465.43	2468.12	0.47	ppb
Molybdenum	96-1	2469.38	2485.95	2476.76	2477.36	0.34	ppb
Molybdenum	97-1	2480.35	2470.95	2477.02	2476.11	0.19	ppb
Molybdenum	98-1	2477.88	2476.33	2496.19	2483.47	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.61	527.09	527.00	526.90	0.05	ppb
Phosphorus	31-2	-7.09	-10.62	-18.48	-12.06		ppb
Potassium	39-2	23878.33	23877.20	23644.09	23799.87	0.57	ppb
Rhodium	103-1				69		%
Rhodium	103-2				64		%
Scandium	45-1				66		%
Scandium	45-2				59		%
Selenium	77-2	424.43	459.37	441.21	441.67	3.96	ppb
Selenium	78-2	451.55	442.46	447.54	447.19	1.02	ppb
Selenium	82-1	458.61	461.10	466.05	461.92	0.82	ppb
Silicon	28-1	5921.51	5957.10	5972.55	5950.39	0.44	ppb
Silver	109-1	438.87	437.46	439.99	438.77	0.29	ppb
Silver	107-1	438.22	437.04	436.82	437.36	0.17	ppb
Sodium	23-2	121045.24	120931.67	120973.25	120983.39	0.05	ppb
Strontium	86-1	632.61	639.10	635.83	635.85	0.51	ppb
Strontium	88-1	635.29	639.73	628.88	634.63	0.86	ppb
Sulfur	34-1	7738.45	7724.51	7654.10	7705.69	0.59	ppb
Terbium	159-1				85		%
Terbium	159-2				75		%
Thallium	203-1	509.81	512.63	513.47	511.97	0.37	ppb
Thallium	205-1	507.28	510.10	512.13	509.84	0.48	ppb
Thorium	232-1	0.07	0.06	0.05	0.06	14.50	ppb
Tin	118-1	437.86	443.81	443.70	441.79	0.77	ppb
Titanium	47-1	2393.39	2389.31	2422.14	2401.62	0.75	ppb
Uranium	238-1	513.06	517.07	516.88	515.67	0.44	ppb
Vanadium	51-2	502.31	501.81	499.48	501.20	0.30	ppb
Yttrium	89-1				73		%
Yttrium	89-2				66		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02MS	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFMS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:24:43	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1039.36	1038.91	1034.27	1037.52	0.27	ppb
Zirconium	90-1	495.35	491.61	495.18	494.05	0.43	ppb
Zirconium	91-1	489.34	489.50	493.27	490.70	0.45	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02MSD Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFMSD Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:28:22 DataFile Name : 063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9173.26	9193.24	9233.69	9200.06	0.33	ppb
Antimony	121-1	459.60	459.15	458.46	459.07	0.13	ppb
Arsenic	75-2	472.07	466.57	470.59	469.74	0.61	ppb
Barium	135-1	2576.48	2556.27	2548.20	2560.32	0.57	ppb
Barium	137-1	2557.45	2580.26	2574.40	2570.70	0.46	ppb
Beryllium	9-1	450.49	451.41	452.12	451.34	0.18	ppb
Bismuth	209-1				76		%
Bismuth	209-2				65		%
Boron	10-1	491.95	495.20	503.36	496.84	1.18	ppb
Boron	11-1	497.82	504.47	514.26	505.52	1.64	ppb
Cadmium	111-1	445.65	444.68	446.69	445.67	0.23	ppb
Cadmium	106-1	438.63	438.46	438.84	438.64	0.04	ppb
Cadmium	108-1	435.61	437.27	438.44	437.11	0.32	ppb
Calcium	43-1	144671.63	144102.62	145308.78	144694.34	0.42	ppb
Calcium	44-1	145160.67	144387.71	144841.65	144796.67	0.27	ppb
Chromium	52-2	3119.15	3116.80	3106.06	3114.00	0.22	ppb
Cobalt	59-2	544.19	543.78	540.52	542.83	0.37	ppb
Copper	63-2	1133.11	1129.82	1122.60	1128.51	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				78		%
Indium	115-1				75		%
Indium	115-2				65		%
Iron	56-2	28108.22	27877.08	27737.73	27907.68	0.67	ppb
Iron	57-2	27979.51	28033.81	27846.12	27953.15	0.35	ppb
Krypton	83-1						cps
Lead	206-1	526.46	521.29	526.25	524.67	0.56	ppb
Lead	207-1	498.73	497.88	498.57	498.40	0.09	ppb
Lead	208-1	511.30	508.80	509.57	509.89	0.25	ppb
Lithium	6-1				66		%
Magnesium	24-2	67571.25	67761.17	67297.69	67543.37	0.34	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02MSD Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFMSD Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:28:22 DataFile Name : 063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1562.16	1565.76	1561.10	1563.00	0.16	ppb
Molybdenum	94-1	2547.78	2549.36	2554.92	2550.69	0.15	ppb
Molybdenum	95-1	2538.87	2559.92	2544.16	2547.65	0.43	ppb
Molybdenum	96-1	2557.57	2567.69	2565.32	2563.53	0.21	ppb
Molybdenum	97-1	2551.05	2568.41	2572.44	2563.97	0.44	ppb
Molybdenum	98-1	2555.56	2562.69	2558.40	2558.89	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	550.41	554.10	547.13	550.54	0.63	ppb
Phosphorus	31-2	-17.79	-10.08	-17.17	-15.02		ppb
Potassium	39-2	24605.76	24391.73	24553.29	24516.93	0.45	ppb
Rhodium	103-1				70		%
Rhodium	103-2				64		%
Scandium	45-1				67		%
Scandium	45-2				58		%
Selenium	77-2	457.46	460.94	444.57	454.32	1.90	ppb
Selenium	78-2	458.55	455.32	452.45	455.44	0.67	ppb
Selenium	82-1	476.21	475.77	476.79	476.26	0.11	ppb
Silicon	28-1	6052.77	6096.92	6095.00	6081.56	0.41	ppb
Silver	109-1	447.00	450.52	450.43	449.32	0.45	ppb
Silver	107-1	448.78	449.00	452.01	449.93	0.40	ppb
Sodium	23-2	124008.50	123917.52	123671.42	123865.81	0.14	ppb
Strontium	86-1	654.13	658.74	657.78	656.88	0.37	ppb
Strontium	88-1	654.81	657.56	654.90	655.76	0.24	ppb
Sulfur	34-1	7714.82	7674.18	7640.36	7676.45	0.49	ppb
Terbium	159-1				87		%
Terbium	159-2				75		%
Thallium	203-1	536.16	533.98	530.81	533.65	0.50	ppb
Thallium	205-1	537.34	533.19	534.20	534.91	0.41	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	11.55	ppb
Tin	118-1	453.18	452.52	451.57	452.42	0.18	ppb
Titanium	47-1	2485.29	2465.69	2490.94	2480.64	0.53	ppb
Uranium	238-1	533.92	529.63	533.88	532.48	0.46	ppb
Vanadium	51-2	524.51	526.46	523.05	524.67	0.33	ppb
Yttrium	89-1				74		%
Yttrium	89-2				66		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02MSD	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:28:22	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1079.24	1074.56	1075.55	1076.45	0.23	ppb
Zirconium	90-1	514.30	510.64	515.21	513.38	0.47	ppb
Zirconium	91-1	506.79	506.89	510.17	507.95	0.38	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02A	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFA	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:32:01	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8963.85	8917.80	8941.36	8941.01	0.26	ppb
Antimony	121-1	455.40	449.64	452.39	452.48	0.64	ppb
Arsenic	75-2	459.92	457.05	460.04	459.00	0.37	ppb
Barium	135-1	2519.72	2511.71	2512.78	2514.74	0.17	ppb
Barium	137-1	2524.87	2512.00	2504.23	2513.70	0.41	ppb
Beryllium	9-1	445.80	445.52	446.13	445.82	0.07	ppb
Bismuth	209-1				76		%
Bismuth	209-2				66		%
Boron	10-1	493.38	496.36	499.59	496.44	0.63	ppb
Boron	11-1	493.41	507.58	511.89	504.29	1.92	ppb
Cadmium	111-1	437.54	436.17	438.58	437.43	0.28	ppb
Cadmium	106-1	430.50	430.38	425.65	428.84	0.65	ppb
Cadmium	108-1	430.48	428.57	425.67	428.24	0.57	ppb
Calcium	43-1	141435.61	142487.74	141578.01	141833.79	0.40	ppb
Calcium	44-1	141707.74	141996.63	141608.23	141770.87	0.14	ppb
Chromium	52-2	3106.33	3039.52	3079.49	3075.11	1.09	ppb
Cobalt	59-2	530.95	525.22	535.09	530.42	0.93	ppb
Copper	63-2	1117.45	1102.46	1117.17	1112.36	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				77		%
Indium	115-1				74		%
Indium	115-2				65		%
Iron	56-2	27530.16	27093.90	27286.24	27303.44	0.80	ppb
Iron	57-2	27437.10	27166.28	27692.32	27431.90	0.96	ppb
Krypton	83-1						cps
Lead	206-1	516.24	516.49	510.23	514.32	0.69	ppb
Lead	207-1	492.48	490.24	485.64	489.46	0.71	ppb
Lead	208-1	503.55	501.64	499.05	501.41	0.45	ppb
Lithium	6-1				65		%
Magnesium	24-2	66329.72	65106.96	66143.96	65860.21	1.00	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02A	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFA	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:32:01	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1537.26	1524.69	1537.04	1533.00	0.47	ppb
Molybdenum	94-1	2490.01	2521.53	2507.39	2506.31	0.63	ppb
Molybdenum	95-1	2490.15	2503.31	2495.76	2496.41	0.26	ppb
Molybdenum	96-1	2496.64	2518.40	2516.56	2510.53	0.48	ppb
Molybdenum	97-1	2502.39	2525.21	2527.45	2518.35	0.55	ppb
Molybdenum	98-1	2506.25	2544.43	2536.56	2529.08	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	542.50	534.59	545.43	540.84	1.04	ppb
Phosphorus	31-2	-23.74	-17.93	-12.44	-18.04		ppb
Potassium	39-2	24163.75	24065.57	23973.45	24067.59	0.40	ppb
Rhodium	103-1				70		%
Rhodium	103-2				64		%
Scandium	45-1				66		%
Scandium	45-2				58		%
Selenium	77-2	449.20	446.09	434.89	443.39	1.70	ppb
Selenium	78-2	444.75	447.55	440.79	444.36	0.76	ppb
Selenium	82-1	468.57	473.06	469.12	470.25	0.52	ppb
Silicon	28-1	5952.70	6013.10	5970.16	5978.65	0.52	ppb
Silver	109-1	443.36	437.25	441.66	440.76	0.72	ppb
Silver	107-1	444.89	438.46	436.56	439.97	0.99	ppb
Sodium	23-2	121187.57	120326.94	121395.90	120970.14	0.47	ppb
Strontium	86-1	640.67	646.13	648.76	645.19	0.64	ppb
Strontium	88-1	645.43	647.71	646.04	646.39	0.18	ppb
Sulfur	34-1	7433.92	7539.25	7381.81	7451.66	1.08	ppb
Terbium	159-1				86		%
Terbium	159-2				75		%
Thallium	203-1	527.95	526.48	520.80	525.08	0.72	ppb
Thallium	205-1	521.89	523.32	516.72	520.65	0.67	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	2.18	ppb
Tin	118-1	449.46	442.64	440.01	444.04	1.10	ppb
Titanium	47-1	2435.96	2434.36	2435.50	2435.27	0.03	ppb
Uranium	238-1	520.10	520.66	519.09	519.95	0.15	ppb
Vanadium	51-2	513.80	508.48	512.68	511.65	0.55	ppb
Yttrium	89-1				74		%
Yttrium	89-2				65		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02A	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFA	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:32:01	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1057.13	1049.35	1065.29	1057.26	0.75	ppb
Zirconium	90-1	499.54	504.16	503.57	502.43	0.50	ppb
Zirconium	91-1	490.84	496.22	502.42	496.49	1.17	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-06 Instrumnet Name : P7
 Client Sample ID : EPA-MW-13-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:35:39 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.80	2.39	1.77	1.99	17.72	ppb
Antimony	121-1	0.95	0.89	0.89	0.91	3.94	ppb
Arsenic	75-2	1.12	1.16	1.09	1.13	3.08	ppb
Barium	135-1	206.32	207.04	210.48	207.95	1.07	ppb
Barium	137-1	208.50	208.45	209.48	208.81	0.28	ppb
Beryllium	9-1	0.08	0.06	0.05	0.06	28.03	ppb
Bismuth	209-1				80		%
Bismuth	209-2				70		%
Boron	10-1	54.48	53.78	54.47	54.24	0.74	ppb
Boron	11-1	56.34	55.25	55.22	55.61	1.15	ppb
Cadmium	111-1	-0.05	-0.06	-0.07	-0.06		ppb
Cadmium	106-1	-1.73	-1.77	-1.78	-1.76		ppb
Cadmium	108-1	0.21	0.07	0.18	0.15	45.52	ppb
Calcium	43-1	91270.73	91648.07	91403.18	91440.66	0.21	ppb
Calcium	44-1	91481.11	90965.03	91783.97	91410.04	0.45	ppb
Chromium	52-2	783.84	783.17	784.42	783.81	0.08	ppb
Cobalt	59-2	0.11	0.11	0.10	0.11	6.21	ppb
Copper	63-2	4.12	4.06	4.11	4.10	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				79		%
Indium	115-1				78		%
Indium	115-2				68		%
Iron	56-2	5.13	4.83	4.87	4.94	3.23	ppb
Iron	57-2	175.51	177.86	179.65	177.67	1.17	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.08	0.08	3.58	ppb
Lead	207-1	0.07	0.07	0.07	0.07	2.85	ppb
Lead	208-1	0.07	0.07	0.07	0.07	4.72	ppb
Lithium	6-1				66		%
Magnesium	24-2	21842.98	22025.21	21884.34	21917.51	0.44	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-06 Instrumnet Name : P7
 Client Sample ID : EPA-MW-13-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:35:39 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.74	0.77	0.72	0.74	3.65	ppb
Molybdenum	94-1	0.59	0.48	0.45	0.50	14.48	ppb
Molybdenum	95-1	0.67	0.61	0.57	0.62	8.18	ppb
Molybdenum	96-1	0.71	0.61	0.55	0.63	12.61	ppb
Molybdenum	97-1	0.70	0.65	0.57	0.64	10.36	ppb
Molybdenum	98-1	0.69	0.64	0.58	0.64	8.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.06	1.12	1.07	5.12	ppb
Phosphorus	31-2	-13.49	-23.99	-17.71	-18.40		ppb
Potassium	39-2	2154.24	2155.47	2165.39	2158.37	0.28	ppb
Rhodium	103-1				74		%
Rhodium	103-2				67		%
Scandium	45-1				67		%
Scandium	45-2				58		%
Selenium	77-2	3.96	4.74	2.97	3.89	22.82	ppb
Selenium	78-2	1.99	1.88	2.12	1.99	5.98	ppb
Selenium	82-1	1.87	1.45	1.61	1.65	13.05	ppb
Silicon	28-1	5975.50	6000.74	5950.46	5975.57	0.42	ppb
Silver	109-1	0.06	0.06	0.05	0.06	12.21	ppb
Silver	107-1	0.06	0.06	0.05	0.05	8.65	ppb
Sodium	23-2	64058.93	64508.45	64306.29	64291.22	0.35	ppb
Strontium	86-1	177.79	177.95	177.20	177.65	0.22	ppb
Strontium	88-1	179.96	180.70	177.87	179.51	0.82	ppb
Sulfur	34-1	8522.77	8547.31	8580.94	8550.34	0.34	ppb
Terbium	159-1				88		%
Terbium	159-2				77		%
Thallium	203-1	0.19	0.17	0.14	0.17	15.22	ppb
Thallium	205-1	0.19	0.17	0.15	0.17	13.30	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	1.67	1.60	1.53	1.60	4.45	ppb
Titanium	47-1	0.87	0.87	0.95	0.90	5.10	ppb
Uranium	238-1	0.43	0.40	0.40	0.41	4.08	ppb
Vanadium	51-2	1.75	1.76	1.77	1.76	0.60	ppb
Yttrium	89-1				76		%
Yttrium	89-2				66		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-06	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-13-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:35:39	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.51	13.98	13.72	13.74	1.70	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	18.74	ppb
Zirconium	91-1	0.03	0.06	0.02	0.03	55.20	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:43:26	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50520.70	50400.33	50449.35	50456.79	0.12	ppb
Antimony	121-1	463.48	464.28	463.05	463.61	0.14	ppb
Arsenic	75-2	468.84	470.47	465.76	468.36	0.51	ppb
Barium	135-1	2436.58	2440.48	2421.23	2432.76	0.42	ppb
Barium	137-1	2429.16	2444.83	2424.18	2432.72	0.44	ppb
Beryllium	9-1	490.78	487.58	485.98	488.11	0.50	ppb
Bismuth	209-1				74		%
Bismuth	209-2				67		%
Boron	10-1	465.16	478.81	488.83	477.60	2.49	ppb
Boron	11-1	472.67	487.77	489.56	483.34	1.92	ppb
Cadmium	111-1	478.44	479.57	474.98	477.66	0.50	ppb
Cadmium	106-1	467.88	476.83	470.76	471.82	0.97	ppb
Cadmium	108-1	472.58	472.80	469.73	471.70	0.36	ppb
Calcium	43-1	245511.17	248672.79	244823.37	246335.78	0.83	ppb
Calcium	44-1	247172.66	248056.40	244798.57	246675.88	0.68	ppb
Chromium	52-2	525.19	526.92	524.80	525.63	0.21	ppb
Cobalt	59-2	521.35	522.22	523.14	522.24	0.17	ppb
Copper	63-2	1019.46	1016.18	1015.55	1017.06	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				82		%
Indium	115-1				76		%
Indium	115-2				72		%
Iron	56-2	133143.20	133686.96	132636.90	133155.69	0.39	ppb
Iron	57-2	134307.09	133647.89	134168.22	134041.07	0.26	ppb
Krypton	83-1						cps
Lead	206-1	535.69	530.76	531.75	532.73	0.49	ppb
Lead	207-1	530.34	524.94	522.65	525.98	0.75	ppb
Lead	208-1	531.34	527.63	525.59	528.19	0.55	ppb
Lithium	6-1				64		%
Magnesium	24-2	246198.50	247621.33	249056.37	247625.40	0.58	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:43:26	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1019.68	1025.60	1029.62	1024.97	0.49	ppb
Molybdenum	94-1	2562.55	2593.69	2581.53	2579.26	0.61	ppb
Molybdenum	95-1	2567.78	2579.67	2571.46	2572.97	0.24	ppb
Molybdenum	96-1	2570.62	2589.68	2564.69	2575.00	0.51	ppb
Molybdenum	97-1	2572.67	2583.93	2563.67	2573.42	0.39	ppb
Molybdenum	98-1	2570.76	2559.08	2575.92	2568.59	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.12	521.16	520.04	520.11	0.20	ppb
Phosphorus	31-2	9429.97	9321.57	9437.40	9396.31	0.69	ppb
Potassium	39-2	116588.36	117064.52	117133.80	116928.89	0.25	ppb
Rhodium	103-1				69		%
Rhodium	103-2				67		%
Scandium	45-1				69		%
Scandium	45-2				67		%
Selenium	77-2	447.17	450.94	449.30	449.14	0.42	ppb
Selenium	78-2	454.12	456.95	444.06	451.71	1.50	ppb
Selenium	82-1	461.28	462.17	460.22	461.22	0.21	ppb
Silicon	28-1	452.31	464.06	467.19	461.19	1.70	ppb
Silver	109-1	448.76	448.96	447.86	448.53	0.13	ppb
Silver	107-1	445.38	450.87	447.69	447.98	0.62	ppb
Sodium	23-2	238017.51	238721.34	238818.66	238519.17	0.18	ppb
Strontium	86-1	511.62	518.99	515.11	515.24	0.71	ppb
Strontium	88-1	508.44	514.00	512.74	511.73	0.57	ppb
Sulfur	34-1	9937.03	9916.55	9839.32	9897.63	0.52	ppb
Terbium	159-1				88		%
Terbium	159-2				80		%
Thallium	203-1	547.58	536.72	543.32	542.54	1.01	ppb
Thallium	205-1	546.31	537.66	539.50	541.15	0.84	ppb
Thorium	232-1	560.73	562.23	565.40	562.79	0.42	ppb
Tin	118-1	468.30	474.13	475.14	472.52	0.78	ppb
Titanium	47-1	2525.92	2548.01	2534.28	2536.07	0.44	ppb
Uranium	238-1	558.24	555.88	558.71	557.61	0.27	ppb
Vanadium	51-2	522.76	524.70	527.62	525.03	0.47	ppb
Yttrium	89-1				76		%
Yttrium	89-2				73		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:43:26	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	982.47	990.82	996.21	989.83	0.70	ppb
Zirconium	90-1	511.26	512.91	512.07	512.08	0.16	ppb
Zirconium	91-1	507.61	511.26	511.98	510.28	0.46	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:48:34	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.89	0.69	0.49	0.69	29.38	ppb
Antimony	121-1	0.09	0.08	0.08	0.08	6.28	ppb
Arsenic	75-2	0.01	0.02	0.02	0.02	40.23	ppb
Barium	135-1	0.02	0.01	0.03	0.02	55.44	ppb
Barium	137-1	0.04	0.03	0.03	0.03	26.11	ppb
Beryllium	9-1	0.04	0.04	0.05	0.04	6.34	ppb
Bismuth	209-1				89		%
Bismuth	209-2				82		%
Boron	10-1	8.88	8.67	8.44	8.66	2.50	ppb
Boron	11-1	8.62	8.19	8.04	8.28	3.61	ppb
Cadmium	111-1	-0.08	-0.09	-0.07	-0.08		ppb
Cadmium	106-1	-1.35	-1.47	-1.39	-1.40		ppb
Cadmium	108-1	0.06	0.01	0.05	0.04	69.89	ppb
Calcium	43-1	5.16	5.35	4.21	4.91	12.45	ppb
Calcium	44-1	4.20	4.12	4.37	4.23	2.99	ppb
Chromium	52-2	0.56	0.56	0.60	0.57	4.05	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	57.70	ppb
Copper	63-2	0.60	0.58	0.55	0.58	4.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				86		%
Indium	115-1				85		%
Indium	115-2				78		%
Iron	56-2	2.64	2.62	2.75	2.67	2.63	ppb
Iron	57-2	2.46	2.18	2.89	2.51	14.29	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	10.65	ppb
Lead	207-1	0.02	0.01	0.02	0.01	22.45	ppb
Lead	208-1	0.02	0.02	0.02	0.02	7.20	ppb
Lithium	6-1				70		%
Magnesium	24-2	4.69	5.24	5.11	5.01	5.77	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:48:34	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.05	0.05	0.05	6.98	ppb
Molybdenum	94-1	0.19	0.15	0.17	0.17	11.76	ppb
Molybdenum	95-1	0.24	0.20	0.17	0.20	15.61	ppb
Molybdenum	96-1	0.23	0.21	0.19	0.21	8.91	ppb
Molybdenum	97-1	0.25	0.22	0.19	0.22	13.02	ppb
Molybdenum	98-1	0.23	0.21	0.19	0.21	10.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.01	0.01	64.84	ppb
Phosphorus	31-2	-32.96	-28.38	-25.34	-28.89		ppb
Potassium	39-2	1.70	1.30	1.69	1.56	14.44	ppb
Rhodium	103-1				83		%
Rhodium	103-2				78		%
Scandium	45-1				74		%
Scandium	45-2				66		%
Selenium	77-2	0.00	0.00	0.17	0.06	173.21	ppb
Selenium	78-2	-0.40	-0.35	0.06	-0.23		ppb
Selenium	82-1	-0.05	-0.10	0.22	0.02	785.52	ppb
Silicon	28-1	0.35	0.48	0.09	0.31	63.81	ppb
Silver	109-1	0.04	0.04	0.04	0.04	3.28	ppb
Silver	107-1	0.03	0.04	0.04	0.04	13.23	ppb
Sodium	23-2	27.08	28.69	26.96	27.58	3.50	ppb
Strontium	86-1	-0.02	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	9.33	ppb
Sulfur	34-1	-338.32	-290.13	-304.24	-310.90		ppb
Terbium	159-1				92		%
Terbium	159-2				84		%
Thallium	203-1	0.07	0.08	0.07	0.07	3.26	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	5.28	ppb
Thorium	232-1	0.02	0.03	0.02	0.03	3.35	ppb
Tin	118-1	0.03	0.02	0.01	0.02	33.07	ppb
Titanium	47-1	0.05	0.09	0.06	0.06	29.58	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.40	ppb
Vanadium	51-2	0.02	0.02	0.01	0.01	32.51	ppb
Yttrium	89-1				82		%
Yttrium	89-2				75		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:48:34	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.27	0.22	0.26	0.25	10.69	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	45.98	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	68.33	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-08	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:52:45	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.02	4.57	4.52	4.37	7.00	ppb
Antimony	121-1	2.02	1.89	1.85	1.92	4.42	ppb
Arsenic	75-2	1.42	1.39	1.31	1.37	4.01	ppb
Barium	135-1	1445.55	1457.75	1447.18	1450.16	0.46	ppb
Barium	137-1	1448.03	1474.24	1452.74	1458.34	0.96	ppb
Beryllium	9-1	0.15	0.12	0.13	0.13	10.48	ppb
Bismuth	209-1				73		%
Bismuth	209-2				65		%
Boron	10-1	155.67	154.96	158.07	156.23	1.04	ppb
Boron	11-1	160.68	162.20	164.17	162.35	1.08	ppb
Cadmium	111-1	0.05	0.01	-0.01	0.02	172.33	ppb
Cadmium	106-1	-1.33	-1.70	-1.63	-1.55		ppb
Cadmium	108-1	0.24	0.21	0.21	0.22	6.79	ppb
Calcium	43-1	268978.22	271405.26	266457.02	268946.83	0.92	ppb
Calcium	44-1	270258.03	270914.42	267563.18	269578.54	0.66	ppb
Chromium	52-2	554.79	557.71	556.90	556.47	0.27	ppb
Cobalt	59-2	44.35	45.03	44.93	44.77	0.82	ppb
Copper	63-2	3.07	3.13	3.24	3.15	2.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				78		%
Indium	115-1				75		%
Indium	115-2				68		%
Iron	56-2	40363.91	40432.85	40415.50	40404.08	0.09	ppb
Iron	57-2	40607.24	40794.57	41193.35	40865.05	0.73	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.39	0.35	0.38	6.13	ppb
Lead	207-1	0.34	0.32	0.30	0.32	6.18	ppb
Lead	208-1	0.36	0.35	0.33	0.35	4.06	ppb
Lithium	6-1				67		%
Magnesium	24-2	54821.48	54754.96	54602.46	54726.30	0.21	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-08 Instrumnet Name : P7
 Client Sample ID : EPA-MW-13-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:52:45 DataFile Name : 068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27858.87	27988.49	27913.49	27920.28	0.23	ppb
Molybdenum	94-1	0.38	0.35	0.32	0.35	8.73	ppb
Molybdenum	95-1	0.74	0.68	0.73	0.72	4.80	ppb
Molybdenum	96-1	0.61	0.59	0.56	0.59	4.28	ppb
Molybdenum	97-1	0.38	0.41	0.39	0.39	3.57	ppb
Molybdenum	98-1	0.37	0.34	0.30	0.33	9.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.82	111.91	109.63	110.45	1.15	ppb
Phosphorus	31-2	3.40	-10.00	6.02	-0.20		ppb
Potassium	39-2	2396.67	2391.87	2396.28	2394.94	0.11	ppb
Rhodium	103-1				69		%
Rhodium	103-2				64		%
Scandium	45-1				69		%
Scandium	45-2				60		%
Selenium	77-2	2.73	1.96	1.94	2.21	20.31	ppb
Selenium	78-2	0.89	0.58	0.98	0.82	25.35	ppb
Selenium	82-1	3.58	4.32	3.96	3.95	9.37	ppb
Silicon	28-1	15852.97	15866.97	15712.91	15810.95	0.54	ppb
Silver	109-1	0.19	0.14	0.12	0.15	23.69	ppb
Silver	107-1	0.19	0.16	0.13	0.16	19.87	ppb
Sodium	23-2	187532.04	186314.75	186541.02	186795.94	0.35	ppb
Strontium	86-1	427.02	427.40	430.20	428.21	0.41	ppb
Strontium	88-1	427.55	427.64	428.20	427.80	0.08	ppb
Sulfur	34-1	375.53	268.13	131.26	258.31	47.40	ppb
Terbium	159-1				86		%
Terbium	159-2				77		%
Thallium	203-1	0.38	0.27	0.22	0.29	27.83	ppb
Thallium	205-1	0.40	0.28	0.21	0.29	31.89	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	8.56	ppb
Tin	118-1	2.28	2.45	2.42	2.39	3.82	ppb
Titanium	47-1	3.59	3.68	3.89	3.72	4.10	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	4.02	ppb
Vanadium	51-2	0.48	0.48	0.44	0.47	4.62	ppb
Yttrium	89-1				74		%
Yttrium	89-2				67		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-08	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:52:45	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.08	13.81	14.15	14.01	1.28	ppb
Zirconium	90-1	0.08	0.08	0.07	0.08	8.15	ppb
Zirconium	91-1	0.12	0.12	0.09	0.11	12.91	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-10 Instrumnet Name : P7
 Client Sample ID : EPA-MW-30-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:56:30 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.52	41.63	40.85	41.67	2.00	ppb
Antimony	121-1	1.29	1.24	1.19	1.24	3.87	ppb
Arsenic	75-2	1.65	1.63	1.52	1.60	4.18	ppb
Barium	135-1	202.52	203.26	197.71	201.17	1.50	ppb
Barium	137-1	204.38	204.27	201.04	203.23	0.93	ppb
Beryllium	9-1	0.41	0.43	0.42	0.42	2.34	ppb
Bismuth	209-1				75		%
Bismuth	209-2				67		%
Boron	10-1	363.81	369.04	374.80	369.22	1.49	ppb
Boron	11-1	382.92	390.22	395.07	389.40	1.57	ppb
Cadmium	111-1	-0.04	-0.05	-0.02	-0.04		ppb
Cadmium	106-1	-1.83	-1.96	-1.81	-1.87		ppb
Cadmium	108-1	0.17	0.20	0.13	0.17	20.31	ppb
Calcium	43-1	125984.84	125221.97	125597.53	125601.44	0.30	ppb
Calcium	44-1	126750.70	125337.58	124769.74	125619.34	0.81	ppb
Chromium	52-2	314.83	315.15	312.89	314.29	0.39	ppb
Cobalt	59-2	8.61	8.69	8.66	8.66	0.50	ppb
Copper	63-2	3.88	3.76	3.98	3.87	2.89	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				88		%
Holmium	165-2				78		%
Indium	115-1				76		%
Indium	115-2				67		%
Iron	56-2	26827.12	26808.77	26675.65	26770.51	0.31	ppb
Iron	57-2	26697.33	26926.18	26595.37	26739.63	0.63	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.07	0.08	9.49	ppb
Lead	207-1	0.07	0.05	0.06	0.06	15.86	ppb
Lead	208-1	0.07	0.06	0.06	0.07	7.02	ppb
Lithium	6-1				65		%
Magnesium	24-2	29048.74	29108.32	29025.23	29060.77	0.15	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-10 Instrumnet Name : P7
 Client Sample ID : EPA-MW-30-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:56:30 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	36409.76	36461.82	36215.57	36362.38	0.36	ppb
Molybdenum	94-1	0.70	0.69	0.66	0.68	3.22	ppb
Molybdenum	95-1	1.19	1.19	1.28	1.22	4.23	ppb
Molybdenum	96-1	0.86	0.90	0.89	0.88	2.64	ppb
Molybdenum	97-1	0.79	0.80	0.84	0.81	2.89	ppb
Molybdenum	98-1	0.72	0.71	0.72	0.72	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.67	68.05	67.85	67.86	0.28	ppb
Phosphorus	31-2	1.67	1.88	12.44	5.33	115.54	ppb
Potassium	39-2	3342.18	3371.31	3309.54	3341.01	0.92	ppb
Rhodium	103-1				70		%
Rhodium	103-2				64		%
Scandium	45-1				68		%
Scandium	45-2				58		%
Selenium	77-2	1.77	1.38	1.39	1.52	14.73	ppb
Selenium	78-2	0.26	0.46	0.71	0.47	47.25	ppb
Selenium	82-1	6.92	7.95	8.29	7.72	9.24	ppb
Silicon	28-1	9752.20	9670.53	9624.93	9682.55	0.67	ppb
Silver	109-1	0.07	0.07	0.06	0.07	14.43	ppb
Silver	107-1	0.07	0.07	0.07	0.07	5.86	ppb
Sodium	23-2	233069.26	232520.08	231094.07	232227.80	0.44	ppb
Strontium	86-1	361.26	355.35	358.70	358.44	0.83	ppb
Strontium	88-1	360.64	355.85	360.13	358.87	0.73	ppb
Sulfur	34-1	5218.78	5126.45	5048.23	5131.15	1.66	ppb
Terbium	159-1				86		%
Terbium	159-2				76		%
Thallium	203-1	0.06	0.05	0.05	0.06	13.20	ppb
Thallium	205-1	0.07	0.04	0.05	0.05	27.85	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	10.17	ppb
Tin	118-1	1.01	1.09	1.04	1.05	3.92	ppb
Titanium	47-1	2.41	2.59	2.50	2.50	3.63	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.41	ppb
Vanadium	51-2	0.35	0.35	0.37	0.36	3.86	ppb
Yttrium	89-1				75		%
Yttrium	89-2				66		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-10	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:56:30	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.24	14.82	14.99	15.02	1.39	ppb
Zirconium	90-1	0.11	0.10	0.08	0.09	15.57	ppb
Zirconium	91-1	0.12	0.11	0.09	0.11	15.15	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-12 Instrumnet Name : P7
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:00:12 DataFile Name : 070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.79	4.22	4.98	4.66	8.50	ppb
Antimony	121-1	1.13	1.18	1.24	1.18	4.52	ppb
Arsenic	75-2	1.07	0.98	1.05	1.03	4.57	ppb
Barium	135-1	172.23	172.55	172.08	172.29	0.14	ppb
Barium	137-1	173.11	171.82	173.17	172.70	0.44	ppb
Beryllium	9-1	0.03	0.04	0.04	0.03	10.09	ppb
Bismuth	209-1				79		%
Bismuth	209-2				69		%
Boron	10-1	56.71	55.66	55.54	55.97	1.14	ppb
Boron	11-1	57.70	57.29	57.87	57.62	0.51	ppb
Cadmium	111-1	0.13	0.08	0.13	0.11	25.97	ppb
Cadmium	106-1	-1.62	-1.96	-1.28	-1.62		ppb
Cadmium	108-1	0.29	0.22	0.25	0.25	14.63	ppb
Calcium	43-1	93883.38	94918.92	94236.03	94346.11	0.56	ppb
Calcium	44-1	93989.36	95057.89	94503.48	94516.91	0.57	ppb
Chromium	52-2	2785.78	2783.89	2742.92	2770.86	0.87	ppb
Cobalt	59-2	0.41	0.43	0.42	0.42	3.12	ppb
Copper	63-2	3.75	3.82	3.81	3.79	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				77		%
Indium	115-1				78		%
Indium	115-2				67		%
Iron	56-2	4.92	4.90	4.56	4.79	4.14	ppb
Iron	57-2	183.01	185.37	174.70	181.03	3.10	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.12	0.10	0.12	10.75	ppb
Lead	207-1	0.10	0.11	0.09	0.10	9.81	ppb
Lead	208-1	0.11	0.11	0.10	0.11	7.39	ppb
Lithium	6-1				64		%
Magnesium	24-2	18286.41	18442.28	18070.18	18266.29	1.02	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-12 Instrumnet Name : P7
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:00:12 DataFile Name : 070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	408.38	410.52	402.37	407.09	1.04	ppb
Molybdenum	94-1	0.35	0.34	0.37	0.36	4.37	ppb
Molybdenum	95-1	0.49	0.50	0.49	0.50	1.50	ppb
Molybdenum	96-1	0.46	0.46	0.47	0.46	0.80	ppb
Molybdenum	97-1	0.46	0.48	0.53	0.49	7.09	ppb
Molybdenum	98-1	0.47	0.48	0.48	0.48	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.08	2.15	2.00	2.08	3.49	ppb
Phosphorus	31-2	-16.32	-19.70	-12.77	-16.26		ppb
Potassium	39-2	1401.92	1393.45	1388.54	1394.63	0.49	ppb
Rhodium	103-1				73		%
Rhodium	103-2				66		%
Scandium	45-1				67		%
Scandium	45-2				56		%
Selenium	77-2	4.87	6.04	2.63	4.51	38.42	ppb
Selenium	78-2	1.56	1.40	2.12	1.69	22.39	ppb
Selenium	82-1	2.47	2.28	2.40	2.38	3.91	ppb
Silicon	28-1	5579.81	5647.21	5673.09	5633.37	0.85	ppb
Silver	109-1	0.06	0.06	0.06	0.06	6.29	ppb
Silver	107-1	0.06	0.06	0.05	0.06	9.42	ppb
Sodium	23-2	75075.89	75884.43	73963.61	74974.64	1.29	ppb
Strontium	86-1	148.14	149.10	148.58	148.61	0.32	ppb
Strontium	88-1	147.46	149.75	150.01	149.07	0.94	ppb
Sulfur	34-1	7759.68	7907.62	7873.59	7846.96	0.99	ppb
Terbium	159-1				87		%
Terbium	159-2				75		%
Thallium	203-1	0.04	0.04	0.03	0.04	21.83	ppb
Thallium	205-1	0.04	0.04	0.03	0.03	6.31	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	7.42	ppb
Tin	118-1	0.89	0.93	0.94	0.92	2.74	ppb
Titanium	47-1	0.92	1.02	0.94	0.96	5.34	ppb
Uranium	238-1	0.36	0.37	0.38	0.37	1.96	ppb
Vanadium	51-2	1.38	1.38	1.32	1.36	2.49	ppb
Yttrium	89-1				75		%
Yttrium	89-2				65		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-12	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:00:12	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.56	13.67	12.88	13.37	3.22	ppb
Zirconium	90-1	0.03	0.03	0.02	0.02	15.15	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	30.86	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-14 Instrumnet Name : P7
 Client Sample ID : EPA-MW-31-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:03:48 DataFile Name : 071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.49	29.57	27.72	29.60	6.38	ppb
Antimony	121-1	1.85	1.89	1.94	1.90	2.32	ppb
Arsenic	75-2	1.74	1.74	1.77	1.75	0.96	ppb
Barium	135-1	115.81	115.96	114.31	115.36	0.79	ppb
Barium	137-1	117.08	118.33	115.69	117.03	1.13	ppb
Beryllium	9-1	0.13	0.11	0.12	0.12	9.04	ppb
Bismuth	209-1				65		%
Bismuth	209-2				57		%
Boron	10-1	379.43	387.24	395.70	387.45	2.10	ppb
Boron	11-1	400.79	405.33	409.48	405.20	1.07	ppb
Cadmium	111-1	-0.04	-0.02	-0.06	-0.04		ppb
Cadmium	106-1	-1.53	-1.29	-1.58	-1.47		ppb
Cadmium	108-1	0.14	0.13	0.17	0.15	11.69	ppb
Calcium	43-1	71196.09	70957.21	70594.86	70916.05	0.43	ppb
Calcium	44-1	69721.20	69614.68	69500.27	69612.05	0.16	ppb
Chromium	52-2	1013.43	1022.14	1006.13	1013.90	0.79	ppb
Cobalt	59-2	21.81	21.89	21.65	21.78	0.57	ppb
Copper	63-2	16.30	16.65	16.35	16.43	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				80		%
Holmium	165-2				73		%
Indium	115-1				68		%
Indium	115-2				62		%
Iron	56-2	31255.05	31265.17	30837.66	31119.29	0.78	ppb
Iron	57-2	30717.10	31025.78	30699.08	30813.99	0.60	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.06	0.05	11.95	ppb
Lead	207-1	0.04	0.05	0.04	0.04	14.97	ppb
Lead	208-1	0.05	0.05	0.04	0.05	4.98	ppb
Lithium	6-1				59		%
Magnesium	24-2	24460.22	24624.23	24390.73	24491.73	0.49	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-14 Instrumnet Name : P7
 Client Sample ID : EPA-MW-31-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:03:48 DataFile Name : 071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	18506.33	18584.97	18388.82	18493.38	0.53	ppb
Molybdenum	94-1	2.38	2.23	2.15	2.25	5.13	ppb
Molybdenum	95-1	3.43	3.44	3.38	3.42	0.97	ppb
Molybdenum	96-1	3.21	3.18	3.04	3.14	2.90	ppb
Molybdenum	97-1	3.35	3.41	3.41	3.39	1.07	ppb
Molybdenum	98-1	3.04	3.10	2.95	3.03	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.64	40.65	39.96	40.42	0.99	ppb
Phosphorus	31-2	158.33	126.85	131.99	139.06	12.14	ppb
Potassium	39-2	4809.20	4870.48	4817.15	4832.28	0.69	ppb
Rhodium	103-1				62		%
Rhodium	103-2				59		%
Scandium	45-1				63		%
Scandium	45-2				58		%
Selenium	77-2	2.48	3.09	2.43	2.67	13.82	ppb
Selenium	78-2	1.37	0.85	1.69	1.30	32.57	ppb
Selenium	82-1	115.67	120.12	126.92	120.91	4.69	ppb
Silicon	28-1	10819.64	10787.57	10804.22	10803.81	0.15	ppb
Silver	109-1	0.63	0.61	0.60	0.61	2.45	ppb
Silver	107-1	0.65	0.60	0.60	0.61	4.63	ppb
Sodium	23-2	1058524.90	1064290.38	1055449.38	1059421.55	0.42	ppb
Strontium	86-1	214.85	213.52	210.90	213.09	0.94	ppb
Strontium	88-1	212.47	211.97	210.52	211.66	0.48	ppb
Sulfur	34-1	11317.34	11103.97	11060.11	11160.47	1.23	ppb
Terbium	159-1				79		%
Terbium	159-2				71		%
Thallium	203-1	0.03	0.02	0.01	0.02	48.81	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	40.63	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	19.10	ppb
Tin	118-1	0.93	0.98	1.01	0.97	4.22	ppb
Titanium	47-1	3.14	3.75	3.46	3.45	8.78	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	7.45	ppb
Vanadium	51-2	0.48	0.48	0.46	0.47	3.11	ppb
Yttrium	89-1				69		%
Yttrium	89-2				64		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-14	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:03:48	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.35	7.24	7.42	7.33	1.22	ppb
Zirconium	90-1	0.08	0.07	0.08	0.08	8.44	ppb
Zirconium	91-1	0.09	0.10	0.08	0.09	9.17	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-16 Instrumnet Name : P7
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:07:28 DataFile Name : 072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.56	2.13	1.50	2.07	25.78	ppb
Antimony	121-1	1.19	1.19	1.11	1.16	4.07	ppb
Arsenic	75-2	1.31	1.25	1.27	1.27	2.25	ppb
Barium	135-1	164.88	162.79	161.42	163.03	1.07	ppb
Barium	137-1	166.37	164.23	162.66	164.42	1.13	ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	19.69	ppb
Bismuth	209-1				81		%
Bismuth	209-2				71		%
Boron	10-1	51.37	50.01	51.34	50.90	1.52	ppb
Boron	11-1	51.26	50.68	51.53	51.16	0.85	ppb
Cadmium	111-1	-0.06	0.00	-0.09	-0.05		ppb
Cadmium	106-1	-1.66	-0.91	-1.99	-1.52		ppb
Cadmium	108-1	0.07	0.06	0.04	0.06	27.80	ppb
Calcium	43-1	88507.53	87812.23	87289.32	87869.69	0.70	ppb
Calcium	44-1	88421.16	88045.82	87621.77	88029.58	0.45	ppb
Chromium	52-2	2373.61	2373.39	2388.24	2378.42	0.36	ppb
Cobalt	59-2	0.10	0.10	0.10	0.10	2.50	ppb
Copper	63-2	3.53	3.56	3.50	3.53	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				80		%
Indium	115-1				81		%
Indium	115-2				69		%
Iron	56-2	9.07	9.30	9.43	9.26	1.97	ppb
Iron	57-2	178.45	177.41	177.51	177.79	0.32	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.03	0.04	18.34	ppb
Lead	207-1	0.04	0.05	0.03	0.04	22.17	ppb
Lead	208-1	0.04	0.04	0.03	0.04	10.91	ppb
Lithium	6-1				69		%
Magnesium	24-2	19407.31	19396.02	19548.88	19450.74	0.44	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-16	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:07:28	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.69	2.54	2.61	2.61	2.84	ppb
Molybdenum	94-1	0.19	0.18	0.18	0.18	5.46	ppb
Molybdenum	95-1	0.28	0.27	0.24	0.27	8.99	ppb
Molybdenum	96-1	0.27	0.27	0.27	0.27	1.55	ppb
Molybdenum	97-1	0.29	0.29	0.27	0.28	5.04	ppb
Molybdenum	98-1	0.24	0.26	0.27	0.26	5.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.39	1.33	1.31	1.34	2.95	ppb
Phosphorus	31-2	-15.81	-13.90	-20.67	-16.79		ppb
Potassium	39-2	1368.81	1373.15	1383.80	1375.25	0.56	ppb
Rhodium	103-1				77		%
Rhodium	103-2				68		%
Scandium	45-1				71		%
Scandium	45-2				59		%
Selenium	77-2	3.89	3.72	4.69	4.10	12.69	ppb
Selenium	78-2	2.12	2.04	1.65	1.94	13.03	ppb
Selenium	82-1	6.32	5.03	4.73	5.36	15.80	ppb
Silicon	28-1	5768.07	5742.84	5715.03	5741.98	0.46	ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.94	ppb
Silver	107-1	0.03	0.03	0.03	0.03	12.17	ppb
Sodium	23-2	76798.65	76806.07	77795.33	77133.35	0.74	ppb
Strontium	86-1	170.36	170.85	168.94	170.05	0.58	ppb
Strontium	88-1	171.88	170.74	173.19	171.94	0.71	ppb
Sulfur	34-1	8261.22	8200.78	8234.17	8232.05	0.37	ppb
Terbium	159-1				90		%
Terbium	159-2				78		%
Thallium	203-1	0.02	0.02	0.01	0.01	29.91	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	22.87	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	15.10	ppb
Tin	118-1	0.57	0.58	0.55	0.57	2.18	ppb
Titanium	47-1	1.00	0.86	0.98	0.95	8.16	ppb
Uranium	238-1	0.56	0.56	0.56	0.56	0.53	ppb
Vanadium	51-2	1.72	1.71	1.75	1.73	1.00	ppb
Yttrium	89-1				78		%
Yttrium	89-2				67		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-16	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:07:28	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.80	8.80	8.49	8.69	2.06	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	3.68	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	64.18	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-18 Instrumnet Name : P7
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:11:05 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.74	8.15	8.59	8.16	5.20	ppb
Antimony	121-1	1.04	1.00	1.04	1.03	2.33	ppb
Arsenic	75-2	2.29	2.36	2.18	2.28	3.98	ppb
Barium	135-1	19.29	18.72	18.57	18.86	2.02	ppb
Barium	137-1	19.04	18.96	19.01	19.00	0.23	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	13.26	ppb
Bismuth	209-1				76		%
Bismuth	209-2				67		%
Boron	10-1	262.42	263.96	264.65	263.68	0.43	ppb
Boron	11-1	270.08	273.46	273.18	272.24	0.69	ppb
Cadmium	111-1	-0.13	-0.14	-0.13	-0.13		ppb
Cadmium	106-1	-1.84	-1.97	-1.81	-1.87		ppb
Cadmium	108-1	0.06	0.14	0.09	0.10	37.45	ppb
Calcium	43-1	27541.23	26939.33	27224.09	27234.88	1.11	ppb
Calcium	44-1	27125.59	26949.94	26849.52	26975.02	0.52	ppb
Chromium	52-2	92.30	92.97	93.99	93.09	0.91	ppb
Cobalt	59-2	20.83	20.84	21.16	20.94	0.90	ppb
Copper	63-2	3.16	3.17	3.31	3.21	2.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				78		%
Indium	115-1				75		%
Indium	115-2				67		%
Iron	56-2	63992.40	64107.39	63881.04	63993.61	0.18	ppb
Iron	57-2	63822.96	63857.15	64411.45	64030.52	0.52	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.04	0.05	17.11	ppb
Lead	207-1	0.02	0.04	0.04	0.03	34.63	ppb
Lead	208-1	0.04	0.05	0.04	0.04	5.18	ppb
Lithium	6-1				62		%
Magnesium	24-2	7715.76	7767.86	7779.52	7754.38	0.44	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-18 Instrumnet Name : P7
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:11:05 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	23388.68	23272.77	23461.79	23374.41	0.41	ppb
Molybdenum	94-1	0.45	0.41	0.42	0.43	5.13	ppb
Molybdenum	95-1	0.75	0.75	0.67	0.73	6.64	ppb
Molybdenum	96-1	0.81	0.77	0.82	0.80	2.89	ppb
Molybdenum	97-1	0.45	0.36	0.40	0.41	11.71	ppb
Molybdenum	98-1	0.35	0.37	0.39	0.37	4.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.91	49.78	50.63	50.11	0.91	ppb
Phosphorus	31-2	553.88	591.56	602.89	582.78	4.40	ppb
Potassium	39-2	10329.76	10432.10	10416.22	10392.69	0.53	ppb
Rhodium	103-1				70		%
Rhodium	103-2				65		%
Scandium	45-1				65		%
Scandium	45-2				57		%
Selenium	77-2	1.60	2.80	1.40	1.93	39.21	ppb
Selenium	78-2	0.25	0.15	0.15	0.18	31.00	ppb
Selenium	82-1	1.72	2.01	1.92	1.89	7.86	ppb
Silicon	28-1	6136.04	6062.85	6072.17	6090.35	0.65	ppb
Silver	109-1	0.05	0.05	0.05	0.05	3.54	ppb
Silver	107-1	0.05	0.04	0.05	0.05	5.87	ppb
Sodium	23-2	224827.70	224588.96	225068.89	224828.51	0.11	ppb
Strontium	86-1	231.74	228.18	229.37	229.76	0.79	ppb
Strontium	88-1	230.46	228.26	231.10	229.94	0.65	ppb
Sulfur	34-1	11509.32	11416.21	11165.24	11363.59	1.57	ppb
Terbium	159-1				85		%
Terbium	159-2				76		%
Thallium	203-1	0.00	0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	14.80	ppb
Tin	118-1	0.80	0.78	0.77	0.78	1.50	ppb
Titanium	47-1	2.01	2.08	2.17	2.09	3.73	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	17.34	ppb
Vanadium	51-2	0.51	0.49	0.51	0.50	2.72	ppb
Yttrium	89-1				73		%
Yttrium	89-2				66		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-18	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:11:05	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	44.94	45.06	45.62	45.21	0.81	ppb
Zirconium	90-1	0.10	0.10	0.10	0.10	1.19	ppb
Zirconium	91-1	0.13	0.14	0.11	0.12	12.47	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-20 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:14:46 DataFile Name : 074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1004.91	999.90	992.86	999.22	0.61	ppb
Antimony	121-1	1.73	1.84	1.83	1.80	3.45	ppb
Arsenic	75-2	2.36	2.68	2.71	2.58	7.63	ppb
Barium	135-1	5.13	4.96	5.05	5.05	1.75	ppb
Barium	137-1	5.21	5.29	5.15	5.22	1.41	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	8.22	ppb
Bismuth	209-1				76		%
Bismuth	209-2				69		%
Boron	10-1	39.74	40.20	39.86	39.93	0.61	ppb
Boron	11-1	42.06	41.11	41.20	41.45	1.26	ppb
Cadmium	111-1	-0.06	-0.07	-0.06	-0.06		ppb
Cadmium	106-1	-1.65	-1.70	-1.51	-1.62		ppb
Cadmium	108-1	0.16	0.16	0.17	0.16	3.60	ppb
Calcium	43-1	278.49	275.90	277.79	277.39	0.48	ppb
Calcium	44-1	298.12	294.74	293.43	295.43	0.82	ppb
Chromium	52-2	4541.07	4556.73	4521.81	4539.87	0.39	ppb
Cobalt	59-2	0.39	0.42	0.41	0.41	3.50	ppb
Copper	63-2	32.35	32.64	32.36	32.45	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				79		%
Indium	115-1				74		%
Indium	115-2				66		%
Iron	56-2	253.28	254.35	251.10	252.91	0.65	ppb
Iron	57-2	260.70	260.13	259.70	260.17	0.19	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.41	0.41	0.41	1.62	ppb
Lead	207-1	0.34	0.36	0.36	0.36	4.15	ppb
Lead	208-1	0.38	0.38	0.39	0.38	1.19	ppb
Lithium	6-1				61		%
Magnesium	24-2	780.12	787.71	781.41	783.08	0.52	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:14:46	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	40.08	40.92	41.14	40.72	1.37	ppb
Molybdenum	94-1	1.38	1.33	1.34	1.35	2.12	ppb
Molybdenum	95-1	1.13	1.22	1.17	1.17	3.93	ppb
Molybdenum	96-1	1.19	1.21	1.17	1.19	1.52	ppb
Molybdenum	97-1	1.24	1.23	1.23	1.23	0.46	ppb
Molybdenum	98-1	1.22	1.15	1.14	1.17	3.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.68	7.58	7.61	7.62	0.69	ppb
Phosphorus	31-2	368.62	408.09	393.03	389.91	5.11	ppb
Potassium	39-2	352.95	354.02	350.28	352.42	0.55	ppb
Rhodium	103-1				70		%
Rhodium	103-2				65		%
Scandium	45-1				63		%
Scandium	45-2				55		%
Selenium	77-2	1.41	2.85	2.43	2.23	33.21	ppb
Selenium	78-2	0.03	0.21	0.14	0.12	74.91	ppb
Selenium	82-1	11.69	11.56	12.71	11.99	5.27	ppb
Silicon	28-1	696.90	691.81	689.17	692.63	0.57	ppb
Silver	109-1	2.74	2.73	2.65	2.70	1.81	ppb
Silver	107-1	2.74	2.65	2.59	2.66	2.83	ppb
Sodium	23-2	224747.02	225371.53	223702.80	224607.11	0.38	ppb
Strontium	86-1	5.98	5.90	5.92	5.93	0.69	ppb
Strontium	88-1	6.10	6.00	5.90	6.00	1.65	ppb
Sulfur	34-1	2350.82	2109.57	1939.64	2133.34	9.68	ppb
Terbium	159-1				85		%
Terbium	159-2				77		%
Thallium	203-1	0.00	0.00	0.00	0.00	27.32	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	163.91	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	3.55	ppb
Tin	118-1	0.80	0.86	0.82	0.83	3.49	ppb
Titanium	47-1	2.11	1.89	2.08	2.03	5.74	ppb
Uranium	238-1	0.32	0.33	0.32	0.32	1.87	ppb
Vanadium	51-2	2.32	2.27	2.43	2.34	3.52	ppb
Yttrium	89-1				72		%
Yttrium	89-2				65		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:14:46	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.47	8.22	8.51	8.40	1.87	ppb
Zirconium	90-1	0.33	0.33	0.33	0.33	0.78	ppb
Zirconium	91-1	0.33	0.30	0.29	0.31	6.02	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-22	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:18:24	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.47	21.17	22.26	21.63	2.59	ppb
Antimony	121-1	1.31	1.22	1.21	1.25	4.59	ppb
Arsenic	75-2	1.51	1.40	1.35	1.42	5.87	ppb
Barium	135-1	166.56	167.09	165.65	166.43	0.44	ppb
Barium	137-1	168.06	168.22	166.13	167.47	0.69	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	39.53	ppb
Bismuth	209-1				79		%
Bismuth	209-2				68		%
Boron	10-1	52.23	54.76	53.95	53.65	2.41	ppb
Boron	11-1	54.40	55.12	55.20	54.90	0.80	ppb
Cadmium	111-1	-0.12	-0.14	-0.14	-0.13		ppb
Cadmium	106-1	-1.84	-2.06	-1.98	-1.96		ppb
Cadmium	108-1	0.04	0.09	0.06	0.07	38.72	ppb
Calcium	43-1	85794.75	85758.84	86877.80	86143.80	0.74	ppb
Calcium	44-1	85764.91	85704.97	86686.92	86052.27	0.64	ppb
Chromium	52-2	2202.45	2214.69	2197.67	2204.94	0.40	ppb
Cobalt	59-2	0.13	0.13	0.14	0.13	3.31	ppb
Copper	63-2	4.41	4.32	4.44	4.39	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				76		%
Indium	115-1				77		%
Indium	115-2				65		%
Iron	56-2	10.39	10.52	10.66	10.53	1.28	ppb
Iron	57-2	178.17	171.67	170.05	173.30	2.48	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.03	0.04	18.73	ppb
Lead	207-1	0.03	0.03	0.03	0.03	11.93	ppb
Lead	208-1	0.03	0.04	0.03	0.03	4.71	ppb
Lithium	6-1				62		%
Magnesium	24-2	16069.71	16015.48	15820.70	15968.63	0.82	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-22	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:18:24	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.47	10.28	10.39	10.38	0.92	ppb
Molybdenum	94-1	2.12	2.00	2.00	2.04	3.37	ppb
Molybdenum	95-1	2.88	2.80	2.86	2.85	1.37	ppb
Molybdenum	96-1	2.70	2.69	2.65	2.68	0.86	ppb
Molybdenum	97-1	2.82	2.81	2.89	2.84	1.49	ppb
Molybdenum	98-1	2.85	2.80	2.77	2.81	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	1.94	2.00	1.95	2.37	ppb
Phosphorus	31-2	-13.36	-2.93	-5.75	-7.35		ppb
Potassium	39-2	1784.99	1802.29	1779.35	1788.88	0.67	ppb
Rhodium	103-1				72		%
Rhodium	103-2				63		%
Scandium	45-1				65		%
Scandium	45-2				54		%
Selenium	77-2	3.32	2.53	3.33	3.06	14.94	ppb
Selenium	78-2	2.21	2.34	1.25	1.93	30.85	ppb
Selenium	82-1	2.70	2.41	2.34	2.48	7.65	ppb
Silicon	28-1	6024.98	5985.30	6029.46	6013.25	0.40	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.51	ppb
Silver	107-1	0.02	0.01	0.01	0.02	7.37	ppb
Sodium	23-2	82165.24	82011.74	80957.19	81711.39	0.80	ppb
Strontium	86-1	132.08	130.25	131.43	131.26	0.71	ppb
Strontium	88-1	131.67	130.71	131.95	131.44	0.49	ppb
Sulfur	34-1	8318.97	8318.06	8442.83	8359.95	0.86	ppb
Terbium	159-1				86		%
Terbium	159-2				74		%
Thallium	203-1	0.00	0.00	0.01	0.00	172.24	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	112.51	ppb
Tin	118-1	0.47	0.51	0.50	0.50	4.10	ppb
Titanium	47-1	1.00	0.92	1.05	0.99	6.22	ppb
Uranium	238-1	0.25	0.26	0.26	0.26	1.10	ppb
Vanadium	51-2	1.81	1.79	1.77	1.79	1.21	ppb
Yttrium	89-1				73		%
Yttrium	89-2				63		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-22	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:18:24	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.65	8.63	7.97	8.42	4.61	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	4.88	ppb
Zirconium	91-1	0.04	0.05	0.04	0.04	18.78	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-24 Instrumnet Name : P7
 Client Sample ID : EPA-MW-38-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:22:01 DataFile Name : 076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.43	6.42	5.68	6.17	6.94	ppb
Antimony	121-1	1.04	1.01	0.95	1.00	4.50	ppb
Arsenic	75-2	1.52	1.52	1.47	1.51	1.95	ppb
Barium	135-1	32.66	33.15	32.97	32.93	0.76	ppb
Barium	137-1	32.89	33.05	33.10	33.01	0.34	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	14.81	ppb
Bismuth	209-1				74		%
Bismuth	209-2				64		%
Boron	10-1	1475.79	1505.33	1511.02	1497.38	1.26	ppb
Boron	11-1	1510.64	1532.87	1541.73	1528.41	1.05	ppb
Cadmium	111-1	-0.10	-0.18	-0.09	-0.12		ppb
Cadmium	106-1	-1.30	-2.45	-1.03	-1.59		ppb
Cadmium	108-1	0.26	0.20	0.32	0.26	22.28	ppb
Calcium	43-1	49999.91	50119.37	49743.17	49954.15	0.38	ppb
Calcium	44-1	49135.02	49423.80	49147.75	49235.52	0.33	ppb
Chromium	52-2	26.55	26.67	26.59	26.61	0.22	ppb
Cobalt	59-2	1.01	1.05	1.02	1.03	1.81	ppb
Copper	63-2	5.16	5.23	5.18	5.19	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				75		%
Indium	115-1				72		%
Indium	115-2				64		%
Iron	56-2	1955.93	1963.49	1947.63	1955.68	0.41	ppb
Iron	57-2	2026.08	2043.27	2027.05	2032.14	0.48	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.15	0.15	0.16	4.57	ppb
Lead	207-1	0.13	0.12	0.11	0.12	8.07	ppb
Lead	208-1	0.14	0.14	0.13	0.14	1.32	ppb
Lithium	6-1				59		%
Magnesium	24-2	18355.51	18431.59	18348.20	18378.43	0.25	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-24	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:22:01	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2067.93	2080.21	2083.75	2077.30	0.40	ppb
Molybdenum	94-1	6.76	6.75	6.86	6.79	0.90	ppb
Molybdenum	95-1	8.21	8.21	8.25	8.22	0.27	ppb
Molybdenum	96-1	7.93	7.92	7.93	7.93	0.12	ppb
Molybdenum	97-1	8.18	8.01	8.39	8.20	2.33	ppb
Molybdenum	98-1	8.14	8.23	8.13	8.17	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.58	2.50	2.40	2.49	3.56	ppb
Phosphorus	31-2	164.61	159.26	219.43	181.10	18.39	ppb
Potassium	39-2	3639.51	3612.55	3640.69	3630.92	0.44	ppb
Rhodium	103-1				67		%
Rhodium	103-2				61		%
Scandium	45-1				63		%
Scandium	45-2				55		%
Selenium	77-2	1.68	1.26	0.83	1.26	33.84	ppb
Selenium	78-2	0.22	0.63	0.10	0.32	87.68	ppb
Selenium	82-1	-0.44	-0.80	-0.72	-0.65		ppb
Silicon	28-1	16488.88	16536.51	16506.71	16510.70	0.15	ppb
Silver	109-1	0.04	0.04	0.04	0.04	4.36	ppb
Silver	107-1	0.04	0.04	0.04	0.04	10.17	ppb
Sodium	23-2	373524.50	375715.41	372804.02	374014.65	0.41	ppb
Strontium	86-1	574.21	570.80	574.36	573.12	0.35	ppb
Strontium	88-1	571.62	565.68	571.57	569.63	0.60	ppb
Sulfur	34-1	4855.03	4783.56	4679.12	4772.57	1.85	ppb
Terbium	159-1				84		%
Terbium	159-2				73		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	-0.01		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	18.61	ppb
Tin	118-1	0.42	0.42	0.42	0.42	0.67	ppb
Titanium	47-1	2.91	2.84	2.82	2.86	1.65	ppb
Uranium	238-1	1.74	1.74	1.71	1.73	1.06	ppb
Vanadium	51-2	1.71	1.66	1.73	1.70	2.10	ppb
Yttrium	89-1				71		%
Yttrium	89-2				63		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-24	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:22:01	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.07	8.14	8.19	8.13	0.75	ppb
Zirconium	90-1	0.78	0.77	0.73	0.76	3.97	ppb
Zirconium	91-1	0.83	0.81	0.76	0.80	4.39	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02DLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:25:41	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.66	0.84	0.74	0.75	11.70	ppb
Antimony	121-1	0.27	0.27	0.26	0.27	2.09	ppb
Arsenic	75-2	0.22	0.24	0.22	0.23	5.35	ppb
Barium	135-1	33.22	34.30	34.45	33.99	1.97	ppb
Barium	137-1	34.05	34.16	34.40	34.21	0.52	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	14.27	ppb
Bismuth	209-1				87		%
Bismuth	209-2				76		%
Boron	10-1	40.24	37.43	34.95	37.54	7.05	ppb
Boron	11-1	41.06	37.89	35.69	38.21	7.06	ppb
Cadmium	111-1	-0.09	-0.14	-0.07	-0.10		ppb
Cadmium	106-1	-1.70	-2.31	-1.41	-1.81		ppb
Cadmium	108-1	0.03	0.02	0.06	0.04	57.44	ppb
Calcium	43-1	18765.61	18743.33	18869.60	18792.85	0.36	ppb
Calcium	44-1	18698.15	18835.61	18759.16	18764.31	0.37	ppb
Chromium	52-2	533.16	531.64	526.23	530.34	0.69	ppb
Cobalt	59-2	0.09	0.08	0.08	0.09	1.55	ppb
Copper	63-2	1.66	1.65	1.65	1.65	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				80		%
Indium	115-1				82		%
Indium	115-2				71		%
Iron	56-2	1.32	1.19	1.10	1.20	9.20	ppb
Iron	57-2	37.76	39.82	36.18	37.92	4.82	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.02	-0.02	-0.02		ppb
Lead	207-1	-0.03	-0.02	-0.02	-0.02		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				63		%
Magnesium	24-2	3615.68	3622.72	3620.13	3619.51	0.10	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02DLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:25:41	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.41	97.51	97.11	98.01	1.25	ppb
Molybdenum	94-1	0.08	0.06	0.07	0.07	16.47	ppb
Molybdenum	95-1	0.08	0.09	0.08	0.09	6.27	ppb
Molybdenum	96-1	0.09	0.11	0.09	0.09	11.13	ppb
Molybdenum	97-1	0.08	0.10	0.10	0.09	12.14	ppb
Molybdenum	98-1	0.09	0.09	0.09	0.09	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.41	0.43	0.41	4.47	ppb
Phosphorus	31-2	-23.66	-26.47	-28.23	-26.12		ppb
Potassium	39-2	280.39	277.47	276.78	278.21	0.69	ppb
Rhodium	103-1				78		%
Rhodium	103-2				70		%
Scandium	45-1				68		%
Scandium	45-2				57		%
Selenium	77-2	0.59	0.39	1.17	0.72	56.14	ppb
Selenium	78-2	-0.17	0.08	0.40	0.11	269.49	ppb
Selenium	82-1	0.76	0.80	0.72	0.76	4.91	ppb
Silicon	28-1	1095.56	1112.16	1097.49	1101.74	0.82	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.43	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.78	ppb
Sodium	23-2	15038.90	14838.13	14851.29	14909.44	0.75	ppb
Strontium	86-1	29.67	29.55	29.33	29.52	0.59	ppb
Strontium	88-1	29.52	29.68	29.77	29.66	0.43	ppb
Sulfur	34-1	1064.70	1034.74	1055.17	1051.54	1.46	ppb
Terbium	159-1				90		%
Terbium	159-2				79		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.05	0.05	0.04	0.05	8.22	ppb
Titanium	47-1	0.19	0.14	0.15	0.16	15.53	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	3.70	ppb
Vanadium	51-2	0.33	0.35	0.38	0.35	6.55	ppb
Yttrium	89-1				77		%
Yttrium	89-2				67		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02DLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:25:41	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.66	2.53	2.48	2.56	3.67	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	43.12	ppb
Zirconium	91-1	0.00	0.00	0.01	0.01	58.95	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:29:52	DataFile Name :	078CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49846.22	49622.79	50153.75	49874.25	0.53	ppb
Antimony	121-1	458.36	463.61	465.28	462.42	0.78	ppb
Arsenic	75-2	468.21	466.45	465.75	466.80	0.27	ppb
Barium	135-1	2421.54	2466.18	2441.35	2443.02	0.92	ppb
Barium	137-1	2453.58	2468.97	2458.52	2460.36	0.32	ppb
Beryllium	9-1	493.88	490.24	492.77	492.29	0.38	ppb
Bismuth	209-1				72		%
Bismuth	209-2				65		%
Boron	10-1	484.64	488.65	493.17	488.82	0.87	ppb
Boron	11-1	483.10	493.36	492.08	489.51	1.14	ppb
Cadmium	111-1	482.51	484.35	481.85	482.90	0.27	ppb
Cadmium	106-1	474.82	474.28	474.79	474.63	0.06	ppb
Cadmium	108-1	471.77	478.48	475.64	475.29	0.71	ppb
Calcium	43-1	246394.69	247762.34	247695.51	247284.18	0.31	ppb
Calcium	44-1	245310.05	247137.75	249708.81	247385.54	0.89	ppb
Chromium	52-2	531.90	524.26	527.80	527.99	0.72	ppb
Cobalt	59-2	530.16	520.92	525.62	525.57	0.88	ppb
Copper	63-2	1040.05	1024.76	1031.59	1032.13	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				80		%
Indium	115-1				73		%
Indium	115-2				69		%
Iron	56-2	134762.16	132291.91	133953.17	133669.08	0.94	ppb
Iron	57-2	135507.76	133580.21	135008.05	134698.68	0.74	ppb
Krypton	83-1						cps
Lead	206-1	542.01	541.81	536.67	540.16	0.56	ppb
Lead	207-1	534.98	533.33	531.29	533.20	0.35	ppb
Lead	208-1	536.49	534.94	532.60	534.68	0.37	ppb
Lithium	6-1				60		%
Magnesium	24-2	246226.94	244796.55	244049.86	245024.45	0.45	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:29:52	DataFile Name :	078CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1030.79	1017.32	1027.61	1025.24	0.69	ppb
Molybdenum	94-1	2570.32	2574.49	2586.89	2577.23	0.33	ppb
Molybdenum	95-1	2572.01	2569.62	2575.02	2572.22	0.11	ppb
Molybdenum	96-1	2583.91	2569.77	2590.54	2581.41	0.41	ppb
Molybdenum	97-1	2598.76	2588.55	2601.32	2596.21	0.26	ppb
Molybdenum	98-1	2607.49	2579.98	2617.18	2601.55	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.20	522.40	526.79	526.80	0.84	ppb
Phosphorus	31-2	9364.54	9408.76	9291.98	9355.09	0.63	ppb
Potassium	39-2	116362.48	115702.24	116868.41	116311.04	0.50	ppb
Rhodium	103-1				67		%
Rhodium	103-2				64		%
Scandium	45-1				66		%
Scandium	45-2				63		%
Selenium	77-2	453.61	441.45	449.11	448.06	1.37	ppb
Selenium	78-2	452.71	438.25	448.93	446.63	1.68	ppb
Selenium	82-1	470.77	465.05	468.05	467.96	0.61	ppb
Silicon	28-1	447.07	461.46	464.11	457.55	2.00	ppb
Silver	109-1	449.55	454.11	454.15	452.60	0.58	ppb
Silver	107-1	447.05	450.56	449.40	449.00	0.40	ppb
Sodium	23-2	237323.04	236037.03	238234.40	237198.15	0.47	ppb
Strontium	86-1	520.94	518.80	513.96	517.90	0.69	ppb
Strontium	88-1	512.03	514.63	516.35	514.34	0.42	ppb
Sulfur	34-1	9754.14	9875.09	9796.30	9808.51	0.63	ppb
Terbium	159-1				84		%
Terbium	159-2				77		%
Thallium	203-1	547.38	543.73	548.20	546.44	0.44	ppb
Thallium	205-1	544.96	546.68	544.50	545.38	0.21	ppb
Thorium	232-1	570.06	569.70	568.98	569.58	0.10	ppb
Tin	118-1	470.90	472.90	476.00	473.26	0.54	ppb
Titanium	47-1	2552.39	2565.31	2560.57	2559.42	0.26	ppb
Uranium	238-1	563.67	563.75	561.45	562.96	0.23	ppb
Vanadium	51-2	529.85	519.13	527.34	525.44	1.07	ppb
Yttrium	89-1				73		%
Yttrium	89-2				70		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:29:52	DataFile Name :	078CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1004.89	995.02	1002.12	1000.67	0.51	ppb
Zirconium	90-1	514.33	510.66	514.03	513.01	0.40	ppb
Zirconium	91-1	517.58	508.84	512.58	513.00	0.86	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:34:05	DataFile Name :	079CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.43	2.11	1.97	1.84	19.62	ppb
Antimony	121-1	0.12	0.11	0.10	0.11	8.25	ppb
Arsenic	75-2	0.03	0.05	0.04	0.04	27.81	ppb
Barium	135-1	0.07	0.08	0.03	0.06	42.42	ppb
Barium	137-1	0.08	0.07	0.04	0.06	33.72	ppb
Beryllium	9-1	0.05	0.03	0.03	0.04	25.27	ppb
Bismuth	209-1				87		%
Bismuth	209-2				80		%
Boron	10-1	15.78	15.36	15.18	15.44	2.00	ppb
Boron	11-1	16.45	15.18	14.93	15.52	5.25	ppb
Cadmium	111-1	-0.05	-0.04	-0.09	-0.06		ppb
Cadmium	106-1	-1.04	-1.00	-1.54	-1.19		ppb
Cadmium	108-1	0.03	0.03	0.06	0.04	34.42	ppb
Calcium	43-1	8.26	8.26	5.99	7.50	17.46	ppb
Calcium	44-1	8.49	9.35	6.27	8.04	19.79	ppb
Chromium	52-2	0.25	0.28	0.29	0.27	8.00	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	15.96	ppb
Copper	63-2	0.67	0.69	0.68	0.68	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				84		%
Indium	115-1				84		%
Indium	115-2				75		%
Iron	56-2	4.41	5.09	5.65	5.05	12.31	ppb
Iron	57-2	4.87	4.01	5.79	4.89	18.22	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.00	0.00	469.33	ppb
Lead	207-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	208-1	0.00	0.00	-0.01	0.00		ppb
Lithium	6-1				66		%
Magnesium	24-2	7.11	8.39	9.51	8.34	14.45	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:34:05	DataFile Name :	079CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.05	0.04	0.04	27.47	ppb
Molybdenum	94-1	0.32	0.24	0.24	0.27	18.74	ppb
Molybdenum	95-1	0.34	0.33	0.24	0.30	17.82	ppb
Molybdenum	96-1	0.32	0.33	0.24	0.30	16.39	ppb
Molybdenum	97-1	0.35	0.32	0.25	0.31	16.13	ppb
Molybdenum	98-1	0.34	0.32	0.24	0.30	17.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.03	0.02	90.66	ppb
Phosphorus	31-2	-33.30	-33.30	-32.54	-33.04		ppb
Potassium	39-2	6.54	6.98	4.25	5.92	24.78	ppb
Rhodium	103-1				82		%
Rhodium	103-2				76		%
Scandium	45-1				72		%
Scandium	45-2				63		%
Selenium	77-2	0.00	0.18	0.18	0.12	86.60	ppb
Selenium	78-2	-0.22	-0.10	0.11	-0.07		ppb
Selenium	82-1	0.11	0.10	-0.03	0.06	122.96	ppb
Silicon	28-1	0.38	-0.02	-0.38	-0.01		ppb
Silver	109-1	0.06	0.06	0.05	0.06	11.37	ppb
Silver	107-1	0.07	0.07	0.05	0.06	15.93	ppb
Sodium	23-2	44.99	44.81	46.43	45.41	1.96	ppb
Strontium	86-1	-0.01	0.02	0.02	0.01	141.74	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	20.90	ppb
Sulfur	34-1	-370.02	-379.15	-376.97	-375.38		ppb
Terbium	159-1				90		%
Terbium	159-2				82		%
Thallium	203-1	0.08	0.07	0.06	0.07	15.05	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	16.68	ppb
Thorium	232-1	0.07	0.06	0.05	0.06	16.32	ppb
Tin	118-1	0.05	0.04	0.03	0.04	23.36	ppb
Titanium	47-1	0.15	0.20	0.13	0.16	22.90	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	34.65	ppb
Vanadium	51-2	0.02	0.03	0.04	0.03	28.85	ppb
Yttrium	89-1				80		%
Yttrium	89-2				72		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:34:05	DataFile Name :	079CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.25	0.24	0.24	0.24	3.85	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	30.32	ppb
Zirconium	91-1	0.03	0.04	0.02	0.03	33.89	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFDUPE	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:37:41	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.16	0.46	0.67	0.76	47.36	ppb
Antimony	121-1	0.62	0.63	0.59	0.61	2.73	ppb
Arsenic	75-2	0.19	0.20	0.17	0.19	9.13	ppb
Barium	135-1	34.96	33.97	35.15	34.69	1.82	ppb
Barium	137-1	35.15	34.59	35.22	34.99	0.98	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	32.21	ppb
Bismuth	209-1				85		%
Bismuth	209-2				78		%
Boron	10-1	18.83	18.73	18.63	18.73	0.52	ppb
Boron	11-1	19.11	19.06	18.63	18.93	1.41	ppb
Cadmium	111-1	-0.04	-0.07	-0.03	-0.05		ppb
Cadmium	106-1	-1.53	-1.79	-1.33	-1.55		ppb
Cadmium	108-1	0.07	0.09	0.07	0.08	15.20	ppb
Calcium	43-1	18684.51	18867.08	19059.80	18870.46	0.99	ppb
Calcium	44-1	18731.55	18764.35	18875.69	18790.53	0.40	ppb
Chromium	52-2	528.73	528.39	524.68	527.27	0.43	ppb
Cobalt	59-2	0.08	0.08	0.09	0.08	5.85	ppb
Copper	63-2	1.43	1.51	1.45	1.47	2.90	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				90		%
Holmium	165-2				84		%
Indium	115-1				82		%
Indium	115-2				75		%
Iron	56-2	1.71	1.69	1.39	1.60	11.13	ppb
Iron	57-2	38.51	38.20	38.17	38.29	0.49	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.00	0.01	58.76	ppb
Lead	207-1	0.01	0.00	0.01	0.00	140.09	ppb
Lead	208-1	0.01	0.00	0.00	0.00	92.24	ppb
Lithium	6-1				65		%
Magnesium	24-2	3634.62	3625.51	3606.53	3622.22	0.40	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFDUPE	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:37:41	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.81	97.70	97.23	97.58	0.32	ppb
Molybdenum	94-1	0.18	0.14	0.15	0.16	13.41	ppb
Molybdenum	95-1	0.13	0.13	0.16	0.14	11.81	ppb
Molybdenum	96-1	0.16	0.15	0.16	0.16	3.49	ppb
Molybdenum	97-1	0.18	0.14	0.20	0.17	18.01	ppb
Molybdenum	98-1	0.15	0.15	0.16	0.15	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.35	0.42	0.41	0.39	8.82	ppb
Phosphorus	31-2	-29.05	-31.57	-30.83	-30.48		ppb
Potassium	39-2	288.07	289.94	285.63	287.88	0.75	ppb
Rhodium	103-1				79		%
Rhodium	103-2				74		%
Scandium	45-1				71		%
Scandium	45-2				62		%
Selenium	77-2	0.55	1.10	0.18	0.61	75.42	ppb
Selenium	78-2	-0.36	0.22	0.31	0.06	647.48	ppb
Selenium	82-1	0.59	0.36	0.38	0.44	28.83	ppb
Silicon	28-1	1096.82	1108.48	1115.80	1107.03	0.86	ppb
Silver	109-1	0.07	0.07	0.07	0.07	5.61	ppb
Silver	107-1	0.07	0.08	0.07	0.07	7.89	ppb
Sodium	23-2	14819.83	14717.27	14675.56	14737.55	0.50	ppb
Strontium	86-1	30.05	29.59	29.77	29.80	0.78	ppb
Strontium	88-1	29.71	29.54	29.90	29.72	0.60	ppb
Sulfur	34-1	1178.92	1153.39	1200.15	1177.49	1.99	ppb
Terbium	159-1				89		%
Terbium	159-2				82		%
Thallium	203-1	0.12	0.11	0.08	0.10	16.90	ppb
Thallium	205-1	0.12	0.10	0.08	0.10	16.46	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	10.63	ppb
Tin	118-1	0.06	0.05	0.06	0.06	7.73	ppb
Titanium	47-1	0.18	0.17	0.19	0.18	7.81	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	2.66	ppb
Vanadium	51-2	0.29	0.29	0.26	0.28	7.24	ppb
Yttrium	89-1				79		%
Yttrium	89-2				71		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFDUPE	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:37:41	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.62	2.48	2.44	2.51	3.80	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	8.04	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	30.86	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFLDL	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 19:41:17	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	0.15	0.15	0.11	69.70	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	13.60	ppb
Arsenic	75-2	0.03	0.03	0.04	0.03	20.81	ppb
Barium	135-1	6.98	6.85	6.95	6.93	0.98	ppb
Barium	137-1	7.01	6.86	6.91	6.93	1.07	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	17.11	ppb
Bismuth	209-1				88		%
Bismuth	209-2				80		%
Boron	10-1	8.39	8.95	8.21	8.52	4.53	ppb
Boron	11-1	8.68	8.58	8.61	8.62	0.60	ppb
Cadmium	111-1	-0.10	-0.07	-0.07	-0.08		ppb
Cadmium	106-1	-1.46	-1.15	-1.07	-1.23		ppb
Cadmium	108-1	0.03	0.06	0.03	0.04	33.01	ppb
Calcium	43-1	3771.31	3678.95	3676.58	3708.95	1.46	ppb
Calcium	44-1	3754.89	3702.25	3687.81	3714.98	0.95	ppb
Chromium	52-2	103.84	103.19	103.62	103.55	0.32	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	13.36	ppb
Copper	63-2	0.79	0.79	0.76	0.78	2.25	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				91		%
Holmium	165-2				83		%
Indium	115-1				84		%
Indium	115-2				75		%
Iron	56-2	0.32	0.34	0.37	0.35	7.84	ppb
Iron	57-2	8.81	8.59	9.94	9.11	7.97	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.03	-0.02	-0.03		ppb
Lead	207-1	-0.04	-0.03	-0.04	-0.03		ppb
Lead	208-1	-0.03	-0.03	-0.03	-0.03		ppb
Lithium	6-1				65		%
Magnesium	24-2	712.41	708.60	707.55	709.52	0.36	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFLDL	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 19:41:17	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	19.09	19.57	19.16	19.27	1.34	ppb
Molybdenum	94-1	0.05	0.05	0.04	0.05	11.92	ppb
Molybdenum	95-1	0.05	0.05	0.04	0.04	19.61	ppb
Molybdenum	96-1	0.06	0.06	0.03	0.05	36.77	ppb
Molybdenum	97-1	0.04	0.05	0.02	0.03	49.95	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	14.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.08	0.07	0.08	15.74	ppb
Phosphorus	31-2	-31.68	-32.50	-27.55	-30.58		ppb
Potassium	39-2	55.87	51.70	56.77	54.78	4.94	ppb
Rhodium	103-1				81		%
Rhodium	103-2				75		%
Scandium	45-1				72		%
Scandium	45-2				62		%
Selenium	77-2	0.73	0.36	0.37	0.49	42.89	ppb
Selenium	78-2	-0.19	-0.40	-0.12	-0.24		ppb
Selenium	82-1	0.01	0.10	0.29	0.13	108.86	ppb
Silicon	28-1	255.90	252.68	252.60	253.73	0.74	ppb
Silver	109-1	0.02	0.01	0.01	0.01	25.12	ppb
Silver	107-1	0.02	0.01	0.02	0.02	5.47	ppb
Sodium	23-2	2932.72	2904.41	2940.42	2925.85	0.65	ppb
Strontium	86-1	5.96	5.94	5.71	5.87	2.32	ppb
Strontium	88-1	5.90	5.96	5.81	5.89	1.26	ppb
Sulfur	34-1	-9.54	-45.38	-81.96	-45.63		ppb
Terbium	159-1				90		%
Terbium	159-2				82		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Thorium	232-1	0.01	0.01	0.00	0.01	15.76	ppb
Tin	118-1	0.01	0.00	0.01	0.01	57.85	ppb
Titanium	47-1	0.04	0.01	0.05	0.03	72.64	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	14.13	ppb
Vanadium	51-2	0.08	0.08	0.08	0.08	3.08	ppb
Yttrium	89-1				80		%
Yttrium	89-2				72		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFLDL	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 19:41:17	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.72	0.80	0.83	0.78	7.28	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	20.46	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	65.35	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02MSDLX5 Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFMSDL Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 19:44:53 DataFile Name : 082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1790.66	1780.80	1787.90	1786.45	0.28	ppb
Antimony	121-1	93.70	93.79	92.56	93.35	0.74	ppb
Arsenic	75-2	92.28	93.61	92.79	92.89	0.72	ppb
Barium	135-1	510.94	506.13	502.74	506.60	0.81	ppb
Barium	137-1	512.56	513.18	508.22	511.32	0.53	ppb
Beryllium	9-1	95.46	95.97	95.23	95.56	0.40	ppb
Bismuth	209-1				84		%
Bismuth	209-2				75		%
Boron	10-1	101.16	106.42	106.25	104.61	2.86	ppb
Boron	11-1	103.15	106.08	105.06	104.76	1.42	ppb
Cadmium	111-1	93.55	94.66	92.83	93.68	0.98	ppb
Cadmium	106-1	90.02	90.95	88.69	89.89	1.26	ppb
Cadmium	108-1	92.22	91.41	89.11	90.91	1.78	ppb
Calcium	43-1	28052.32	28395.76	27986.04	28144.70	0.78	ppb
Calcium	44-1	27877.31	28237.09	27832.90	27982.43	0.79	ppb
Chromium	52-2	617.96	609.12	616.06	614.38	0.76	ppb
Cobalt	59-2	107.07	106.40	107.48	106.98	0.51	ppb
Copper	63-2	229.74	226.71	229.68	228.71	0.76	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				89		%
Holmium	165-2				82		%
Indium	115-1				80		%
Indium	115-2				72		%
Iron	56-2	5582.96	5497.08	5526.38	5535.47	0.79	ppb
Iron	57-2	5568.18	5478.59	5509.51	5518.76	0.82	ppb
Krypton	83-1						cps
Lead	206-1	96.87	97.02	96.28	96.72	0.40	ppb
Lead	207-1	90.90	92.21	92.17	91.76	0.81	ppb
Lead	208-1	94.21	94.85	94.57	94.55	0.34	ppb
Lithium	6-1				64		%
Magnesium	24-2	13303.44	13083.90	13252.61	13213.32	0.87	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02MSDLX5 Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFMSDL Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 19:44:53 DataFile Name : 082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	309.91	305.89	306.54	307.45	0.70	ppb
Molybdenum	94-1	496.90	496.13	492.68	495.24	0.45	ppb
Molybdenum	95-1	493.55	494.98	489.15	492.56	0.62	ppb
Molybdenum	96-1	493.23	497.07	482.83	491.04	1.50	ppb
Molybdenum	97-1	492.15	496.72	489.20	492.69	0.77	ppb
Molybdenum	98-1	487.77	490.15	485.54	487.82	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.31	110.33	112.19	111.27	0.83	ppb
Phosphorus	31-2	-30.37	-27.04	-26.86	-28.09		ppb
Potassium	39-2	4767.17	4747.96	4747.10	4754.07	0.24	ppb
Rhodium	103-1				76		%
Rhodium	103-2				71		%
Scandium	45-1				69		%
Scandium	45-2				60		%
Selenium	77-2	91.92	91.91	93.32	92.38	0.88	ppb
Selenium	78-2	94.92	96.02	95.24	95.40	0.59	ppb
Selenium	82-1	100.52	99.71	99.10	99.78	0.71	ppb
Silicon	28-1	1179.23	1181.86	1171.79	1177.63	0.44	ppb
Silver	109-1	93.07	94.14	92.68	93.30	0.81	ppb
Silver	107-1	92.92	93.38	92.15	92.82	0.67	ppb
Sodium	23-2	23943.14	23698.50	23966.45	23869.36	0.62	ppb
Strontium	86-1	126.67	127.15	125.84	126.55	0.52	ppb
Strontium	88-1	126.17	125.92	125.52	125.87	0.26	ppb
Sulfur	34-1	1279.72	1288.53	1182.10	1250.12	4.72	ppb
Terbium	159-1				88		%
Terbium	159-2				80		%
Thallium	203-1	97.35	97.76	97.91	97.67	0.29	ppb
Thallium	205-1	97.72	98.44	97.88	98.01	0.38	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	4.30	ppb
Tin	118-1	91.42	92.31	90.90	91.54	0.78	ppb
Titanium	47-1	478.15	476.67	475.28	476.70	0.30	ppb
Uranium	238-1	94.53	93.20	92.95	93.56	0.91	ppb
Vanadium	51-2	100.53	99.53	100.12	100.06	0.50	ppb
Yttrium	89-1				77		%
Yttrium	89-2				69		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02MSDLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFMSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:44:53	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	234.48	232.08	236.33	234.30	0.91	ppb
Zirconium	90-1	98.04	98.32	97.46	97.94	0.45	ppb
Zirconium	91-1	97.01	97.88	95.87	96.92	1.04	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02MSDDLX5 Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFMSDC Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 19:48:29 DataFile Name : 083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1824.07	1774.87	1834.89	1811.28	1.77	ppb
Antimony	121-1	94.17	95.85	95.40	95.14	0.92	ppb
Arsenic	75-2	95.59	91.08	94.87	93.85	2.58	ppb
Barium	135-1	511.25	522.30	513.93	515.83	1.12	ppb
Barium	137-1	512.20	522.61	517.27	517.36	1.01	ppb
Beryllium	9-1	97.59	98.18	98.37	98.04	0.42	ppb
Bismuth	209-1				84		%
Bismuth	209-2				76		%
Boron	10-1	104.95	106.83	108.42	106.73	1.63	ppb
Boron	11-1	106.15	108.40	109.58	108.05	1.62	ppb
Cadmium	111-1	94.36	95.72	95.21	95.10	0.72	ppb
Cadmium	106-1	90.33	94.02	90.74	91.70	2.20	ppb
Cadmium	108-1	93.30	95.21	93.61	94.04	1.09	ppb
Calcium	43-1	28639.52	28785.31	28869.30	28764.71	0.40	ppb
Calcium	44-1	28587.34	28461.38	28446.18	28498.30	0.27	ppb
Chromium	52-2	620.06	606.32	623.36	616.58	1.47	ppb
Cobalt	59-2	109.33	106.34	109.97	108.55	1.79	ppb
Copper	63-2	233.15	227.69	235.08	231.97	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				83		%
Indium	115-1				80		%
Indium	115-2				73		%
Iron	56-2	5576.91	5472.56	5657.64	5569.04	1.67	ppb
Iron	57-2	5572.63	5463.84	5608.40	5548.29	1.36	ppb
Krypton	83-1						cps
Lead	206-1	98.43	100.12	101.90	100.15	1.73	ppb
Lead	207-1	93.60	94.85	96.62	95.02	1.60	ppb
Lead	208-1	96.20	97.69	98.79	97.56	1.34	ppb
Lithium	6-1				64		%
Magnesium	24-2	13307.06	12935.29	13400.08	13214.14	1.86	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02MSDDLX5 Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFMSDC Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 19:48:29 DataFile Name : 083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	310.08	302.52	313.73	308.78	1.85	ppb
Molybdenum	94-1	505.75	507.33	505.98	506.35	0.17	ppb
Molybdenum	95-1	502.84	504.15	507.92	504.97	0.52	ppb
Molybdenum	96-1	500.09	497.06	497.94	498.36	0.31	ppb
Molybdenum	97-1	504.82	503.09	506.19	504.70	0.31	ppb
Molybdenum	98-1	501.61	497.72	499.39	499.57	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.75	110.64	114.97	113.45	2.15	ppb
Phosphorus	31-2	-30.50	-33.17	-27.91	-30.52		ppb
Potassium	39-2	4835.99	4735.19	4846.11	4805.76	1.28	ppb
Rhodium	103-1				77		%
Rhodium	103-2				72		%
Scandium	45-1				69		%
Scandium	45-2				61		%
Selenium	77-2	98.58	93.95	97.61	96.71	2.53	ppb
Selenium	78-2	96.77	94.67	99.06	96.83	2.27	ppb
Selenium	82-1	101.59	102.81	103.18	102.53	0.81	ppb
Silicon	28-1	1198.16	1209.16	1201.65	1202.99	0.47	ppb
Silver	109-1	93.74	95.68	94.97	94.80	1.03	ppb
Silver	107-1	94.90	95.24	95.68	95.27	0.41	ppb
Sodium	23-2	24111.51	23292.89	24330.57	23911.66	2.29	ppb
Strontium	86-1	128.11	129.80	129.41	129.11	0.68	ppb
Strontium	88-1	129.42	129.19	129.10	129.24	0.13	ppb
Sulfur	34-1	1105.68	1078.80	1143.22	1109.23	2.92	ppb
Terbium	159-1				90		%
Terbium	159-2				81		%
Thallium	203-1	99.39	101.24	102.45	101.02	1.52	ppb
Thallium	205-1	98.73	100.02	101.06	99.94	1.17	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	5.85	ppb
Tin	118-1	92.61	93.94	93.56	93.37	0.73	ppb
Titanium	47-1	484.37	485.99	492.60	487.65	0.89	ppb
Uranium	238-1	96.72	96.54	97.27	96.84	0.39	ppb
Vanadium	51-2	102.24	99.54	102.72	101.50	1.69	ppb
Yttrium	89-1				77		%
Yttrium	89-2				70		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFMSDE	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:48:29	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	237.18	232.57	239.68	236.48	1.53	ppb
Zirconium	90-1	101.26	101.16	101.08	101.17	0.09	ppb
Zirconium	91-1	99.55	99.52	99.92	99.66	0.22	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:52:06	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1823.22	1847.49	1836.74	1835.82	0.66	ppb
Antimony	121-1	94.72	95.15	95.89	95.25	0.62	ppb
Arsenic	75-2	95.98	95.84	96.20	96.01	0.19	ppb
Barium	135-1	516.90	514.57	521.80	517.76	0.71	ppb
Barium	137-1	520.60	518.51	526.79	521.97	0.82	ppb
Beryllium	9-1	97.91	97.67	97.76	97.78	0.12	ppb
Bismuth	209-1				84		%
Bismuth	209-2				76		%
Boron	10-1	105.24	106.15	106.81	106.07	0.74	ppb
Boron	11-1	108.21	107.66	109.10	108.32	0.67	ppb
Cadmium	111-1	95.46	94.78	95.62	95.29	0.47	ppb
Cadmium	106-1	89.71	91.31	91.01	90.68	0.94	ppb
Cadmium	108-1	93.46	93.99	93.90	93.78	0.30	ppb
Calcium	43-1	28671.52	28923.66	28996.34	28863.84	0.59	ppb
Calcium	44-1	28580.61	28625.24	28633.41	28613.09	0.10	ppb
Chromium	52-2	625.66	624.27	624.68	624.87	0.11	ppb
Cobalt	59-2	110.09	108.84	109.98	109.64	0.63	ppb
Copper	63-2	234.30	232.71	235.33	234.11	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				82		%
Indium	115-1				80		%
Indium	115-2				73		%
Iron	56-2	5659.55	5614.94	5668.50	5647.67	0.51	ppb
Iron	57-2	5611.50	5606.07	5645.56	5621.04	0.38	ppb
Krypton	83-1						cps
Lead	206-1	99.06	98.98	99.37	99.14	0.21	ppb
Lead	207-1	93.42	95.19	94.95	94.52	1.02	ppb
Lead	208-1	96.86	97.31	97.37	97.18	0.28	ppb
Lithium	6-1				63		%
Magnesium	24-2	13408.71	13433.39	13400.14	13414.08	0.13	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:52:06	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	312.18	315.13	313.52	313.61	0.47	ppb
Molybdenum	94-1	508.11	508.11	503.31	506.51	0.55	ppb
Molybdenum	95-1	503.92	504.03	505.18	504.38	0.14	ppb
Molybdenum	96-1	499.04	498.68	496.23	497.98	0.31	ppb
Molybdenum	97-1	504.65	503.39	504.87	504.30	0.16	ppb
Molybdenum	98-1	505.38	498.23	497.23	500.28	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.72	114.53	114.19	114.15	0.35	ppb
Phosphorus	31-2	-29.70	-24.71	-28.89	-27.77		ppb
Potassium	39-2	4838.68	4864.03	4845.22	4849.31	0.27	ppb
Rhodium	103-1				77		%
Rhodium	103-2				71		%
Scandium	45-1				69		%
Scandium	45-2				61		%
Selenium	77-2	100.45	90.14	104.01	98.20	7.33	ppb
Selenium	78-2	97.75	99.86	94.83	97.48	2.59	ppb
Selenium	82-1	102.19	103.85	102.13	102.72	0.95	ppb
Silicon	28-1	1198.21	1200.61	1197.22	1198.68	0.15	ppb
Silver	109-1	95.47	94.78	95.82	95.36	0.56	ppb
Silver	107-1	95.40	93.35	95.53	94.76	1.29	ppb
Sodium	23-2	24178.92	24088.27	24137.82	24135.00	0.19	ppb
Strontium	86-1	129.65	129.62	130.21	129.83	0.26	ppb
Strontium	88-1	129.16	129.34	129.07	129.19	0.11	ppb
Sulfur	34-1	1066.08	1031.83	1039.44	1045.78	1.72	ppb
Terbium	159-1				89		%
Terbium	159-2				80		%
Thallium	203-1	100.11	102.01	101.95	101.35	1.07	ppb
Thallium	205-1	97.87	99.74	99.14	98.92	0.97	ppb
Thorium	232-1	0.01	0.01	0.00	0.01	5.01	ppb
Tin	118-1	92.88	92.89	93.47	93.08	0.37	ppb
Titanium	47-1	491.42	489.41	489.50	490.11	0.23	ppb
Uranium	238-1	96.09	96.37	95.95	96.14	0.22	ppb
Vanadium	51-2	103.19	102.17	102.75	102.70	0.50	ppb
Yttrium	89-1				77		%
Yttrium	89-2				70		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:52:06	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	239.64	240.00	241.10	240.25	0.32	ppb
Zirconium	90-1	101.21	101.10	101.34	101.22	0.12	ppb
Zirconium	91-1	99.82	100.38	99.58	99.93	0.41	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-08DLX50	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 19:55:42	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.33	0.07	-0.02	0.13	144.39	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	44.33	ppb
Arsenic	75-2	0.03	0.02	0.05	0.03	51.82	ppb
Barium	135-1	32.07	32.70	31.94	32.24	1.26	ppb
Barium	137-1	31.74	32.27	32.05	32.02	0.83	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	28.47	ppb
Bismuth	209-1				89		%
Bismuth	209-2				81		%
Boron	10-1	10.04	9.34	9.10	9.50	5.16	ppb
Boron	11-1	9.47	9.31	9.01	9.26	2.51	ppb
Cadmium	111-1	-0.06	-0.07	-0.11	-0.08		ppb
Cadmium	106-1	-0.99	-1.17	-1.60	-1.25		ppb
Cadmium	108-1	0.02	0.02	0.06	0.03	73.16	ppb
Calcium	43-1	6005.02	6063.75	6014.34	6027.70	0.52	ppb
Calcium	44-1	5994.59	6031.49	6026.55	6017.54	0.33	ppb
Chromium	52-2	12.56	12.51	12.79	12.62	1.17	ppb
Cobalt	59-2	1.02	1.08	1.05	1.05	2.91	ppb
Copper	63-2	0.66	0.62	0.62	0.63	3.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				84		%
Indium	115-1				83		%
Indium	115-2				76		%
Iron	56-2	913.55	914.42	920.15	916.04	0.39	ppb
Iron	57-2	934.08	943.59	957.97	945.21	1.27	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.02	-0.01	-0.01		ppb
Lead	207-1	-0.01	-0.02	-0.02	-0.02		ppb
Lead	208-1	-0.01	-0.02	-0.02	-0.02		ppb
Lithium	6-1				64		%
Magnesium	24-2	1204.33	1201.51	1213.69	1206.51	0.53	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-08DLX50	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 19:55:42	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	628.70	625.95	629.72	628.12	0.31	ppb
Molybdenum	94-1	0.13	0.11	0.11	0.12	9.64	ppb
Molybdenum	95-1	0.14	0.12	0.08	0.11	28.77	ppb
Molybdenum	96-1	0.15	0.10	0.10	0.12	23.26	ppb
Molybdenum	97-1	0.14	0.10	0.10	0.11	17.21	ppb
Molybdenum	98-1	0.14	0.13	0.09	0.12	24.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.70	2.76	2.72	2.73	1.14	ppb
Phosphorus	31-2	-32.34	-27.49	-27.55	-29.13		ppb
Potassium	39-2	50.19	47.84	48.58	48.87	2.45	ppb
Rhodium	103-1				81		%
Rhodium	103-2				75		%
Scandium	45-1				71		%
Scandium	45-2				62		%
Selenium	77-2	0.55	0.00	0.36	0.31	91.95	ppb
Selenium	78-2	0.07	-0.18	-0.25	-0.12		ppb
Selenium	82-1	0.26	0.04	0.22	0.17	67.82	ppb
Silicon	28-1	342.15	344.46	344.72	343.78	0.41	ppb
Silver	109-1	0.02	0.01	0.01	0.02	31.10	ppb
Silver	107-1	0.02	0.02	0.01	0.02	22.30	ppb
Sodium	23-2	4121.24	4124.15	4139.70	4128.36	0.24	ppb
Strontium	86-1	9.08	9.24	9.34	9.22	1.41	ppb
Strontium	88-1	9.16	9.27	9.21	9.22	0.61	ppb
Sulfur	34-1	-571.05	-518.06	-557.51	-548.87		ppb
Terbium	159-1				91		%
Terbium	159-2				82		%
Thallium	203-1	0.02	0.02	0.01	0.02	25.18	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	43.45	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.02	0.01	0.02	0.02	31.63	ppb
Titanium	47-1	0.14	0.18	0.07	0.13	42.16	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.57	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	19.47	ppb
Yttrium	89-1				79		%
Yttrium	89-2				72		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-08DLX50	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 19:55:42	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.87	0.80	0.95	0.87	8.30	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	34.39	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	39.44	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-10DLX50 Instrumnet Name : P7
 Client Sample ID : EPA-MW-30-OB-010820 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 19:59:19 DataFile Name : 086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.11	1.10	1.35	1.19	11.78	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	29.02	ppb
Arsenic	75-2	0.05	0.02	0.04	0.04	41.52	ppb
Barium	135-1	4.37	4.35	4.50	4.40	1.82	ppb
Barium	137-1	4.32	4.40	4.41	4.37	1.10	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	36.64	ppb
Bismuth	209-1				87		%
Bismuth	209-2				80		%
Boron	10-1	12.18	12.03	11.86	12.02	1.33	ppb
Boron	11-1	12.47	12.52	12.76	12.58	1.25	ppb
Cadmium	111-1	-0.08	-0.04	-0.12	-0.08		ppb
Cadmium	106-1	-1.18	-0.71	-1.70	-1.20		ppb
Cadmium	108-1	0.04	0.01	0.02	0.02	74.44	ppb
Calcium	43-1	2744.76	2723.09	2740.06	2735.97	0.42	ppb
Calcium	44-1	2746.86	2743.95	2752.66	2747.82	0.16	ppb
Chromium	52-2	7.23	7.01	7.23	7.16	1.80	ppb
Cobalt	59-2	0.20	0.20	0.21	0.20	4.62	ppb
Copper	63-2	0.62	0.59	0.61	0.60	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				91		%
Holmium	165-2				85		%
Indium	115-1				83		%
Indium	115-2				76		%
Iron	56-2	582.05	569.02	583.52	578.20	1.38	ppb
Iron	57-2	594.80	591.53	595.77	594.04	0.37	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.02	-0.02	-0.02		ppb
Lead	207-1	-0.03	-0.03	-0.02	-0.03		ppb
Lead	208-1	-0.03	-0.03	-0.03	-0.03		ppb
Lithium	6-1				64		%
Magnesium	24-2	621.61	604.87	613.49	613.32	1.37	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-10DLX50 Instrumnet Name : P7
 Client Sample ID : EPA-MW-30-OB-010820 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 19:59:19 DataFile Name : 086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	796.83	777.69	797.90	790.81	1.44	ppb
Molybdenum	94-1	0.04	0.04	0.05	0.04	20.28	ppb
Molybdenum	95-1	0.06	0.06	0.06	0.06	3.64	ppb
Molybdenum	96-1	0.06	0.07	0.06	0.06	7.50	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.04	9.67	ppb
Molybdenum	98-1	0.05	0.05	0.04	0.05	12.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.48	1.55	1.53	1.52	2.42	ppb
Phosphorus	31-2	-21.74	-24.73	-33.28	-26.58		ppb
Potassium	39-2	68.36	64.48	68.72	67.19	3.50	ppb
Rhodium	103-1				80		%
Rhodium	103-2				75		%
Scandium	45-1				70		%
Scandium	45-2				63		%
Selenium	77-2	0.19	0.36	0.00	0.18	98.72	ppb
Selenium	78-2	-0.20	0.12	-0.06	-0.05		ppb
Selenium	82-1	0.16	0.15	0.14	0.15	7.82	ppb
Silicon	28-1	240.27	240.13	242.05	240.82	0.44	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.89	ppb
Silver	107-1	0.01	0.01	0.01	0.01	5.61	ppb
Sodium	23-2	5034.13	4871.41	5014.88	4973.47	1.79	ppb
Strontium	86-1	7.65	7.83	7.72	7.73	1.21	ppb
Strontium	88-1	7.66	7.70	7.83	7.73	1.13	ppb
Sulfur	34-1	-363.75	-354.53	-339.11	-352.46		ppb
Terbium	159-1				90		%
Terbium	159-2				83		%
Thallium	203-1	0.00	0.01	0.00	0.00	360.51	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	0.02	0.01	0.01	62.24	ppb
Titanium	47-1	0.08	0.10	0.08	0.09	15.03	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	17.24	ppb
Vanadium	51-2	0.02	0.01	0.01	0.02	22.84	ppb
Yttrium	89-1				79		%
Yttrium	89-2				72		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-10DLX50	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 19:59:19	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.76	0.84	0.92	0.84	9.49	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	26.49	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	54.84	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-12DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 20:02:55 DataFile Name : 087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.16	0.82	1.00	0.99	17.36	ppb
Antimony	121-1	0.29	0.27	0.25	0.27	7.03	ppb
Arsenic	75-2	0.20	0.18	0.21	0.19	9.11	ppb
Barium	135-1	33.65	33.38	33.31	33.45	0.55	ppb
Barium	137-1	34.21	33.55	33.39	33.72	1.28	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	60.04	ppb
Bismuth	209-1				86		%
Bismuth	209-2				78		%
Boron	10-1	12.83	12.48	12.29	12.53	2.18	ppb
Boron	11-1	12.20	12.42	12.49	12.37	1.23	ppb
Cadmium	111-1	-0.12	-0.10	-0.06	-0.10		ppb
Cadmium	106-1	-2.34	-1.92	-1.56	-1.94		ppb
Cadmium	108-1	0.11	0.10	0.10	0.10	5.02	ppb
Calcium	43-1	18776.43	18817.14	18616.04	18736.53	0.57	ppb
Calcium	44-1	18605.74	18616.81	18632.75	18618.43	0.07	ppb
Chromium	52-2	541.51	541.32	541.57	541.47	0.02	ppb
Cobalt	59-2	0.08	0.08	0.08	0.08	3.61	ppb
Copper	63-2	1.22	1.31	1.30	1.28	3.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				83		%
Indium	115-1				82		%
Indium	115-2				74		%
Iron	56-2	0.79	0.76	0.65	0.73	10.44	ppb
Iron	57-2	36.62	35.89	37.78	36.76	2.60	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00		ppb
Lead	207-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	208-1	0.00	-0.01	-0.01	-0.01		ppb
Lithium	6-1				64		%
Magnesium	24-2	3543.64	3545.84	3559.81	3549.76	0.25	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-12DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 20:02:55	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	80.46	80.90	80.92	80.76	0.32	ppb
Molybdenum	94-1	0.08	0.08	0.07	0.07	9.55	ppb
Molybdenum	95-1	0.10	0.12	0.10	0.11	11.72	ppb
Molybdenum	96-1	0.11	0.10	0.10	0.10	4.87	ppb
Molybdenum	97-1	0.11	0.10	0.10	0.11	3.15	ppb
Molybdenum	98-1	0.11	0.09	0.11	0.11	10.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.45	0.43	0.43	4.22	ppb
Phosphorus	31-2	-24.87	-28.12	-29.72	-27.57		ppb
Potassium	39-2	273.59	271.55	272.88	272.67	0.38	ppb
Rhodium	103-1				79		%
Rhodium	103-2				73		%
Scandium	45-1				70		%
Scandium	45-2				61		%
Selenium	77-2	0.56	0.93	0.56	0.69	31.29	ppb
Selenium	78-2	0.18	0.09	0.25	0.17	47.21	ppb
Selenium	82-1	0.38	0.41	0.40	0.40	4.75	ppb
Silicon	28-1	1104.94	1104.33	1101.40	1103.56	0.17	ppb
Silver	109-1	0.03	0.03	0.03	0.03	8.98	ppb
Silver	107-1	0.03	0.02	0.03	0.03	18.40	ppb
Sodium	23-2	14517.28	14528.85	14486.99	14511.04	0.15	ppb
Strontium	86-1	29.00	29.72	29.55	29.42	1.29	ppb
Strontium	88-1	29.37	29.33	29.55	29.42	0.41	ppb
Sulfur	34-1	1192.48	1169.47	1085.39	1149.11	4.91	ppb
Terbium	159-1				90		%
Terbium	159-2				81		%
Thallium	203-1	0.03	0.03	0.02	0.02	26.97	ppb
Thallium	205-1	0.03	0.03	0.02	0.02	15.08	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.08	0.07	0.09	0.08	6.76	ppb
Titanium	47-1	0.18	0.22	0.15	0.18	20.04	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	0.53	ppb
Vanadium	51-2	0.27	0.29	0.31	0.29	5.85	ppb
Yttrium	89-1				78		%
Yttrium	89-2				70		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-12DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 20:02:55	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.26	3.39	3.09	3.25	4.62	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	65.31	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	103.77	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-14DLX20 Instrumnet Name : P7
 Client Sample ID : EPA-MW-31-OB-010820 Dilution Factor : 20
 Date & Time Acquired :: 2019-01-17 20:06:33 DataFile Name : 088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.93	1.16	1.26	1.45	28.82	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	9.07	ppb
Arsenic	75-2	0.05	0.08	0.09	0.07	26.46	ppb
Barium	135-1	5.96	5.71	5.77	5.81	2.30	ppb
Barium	137-1	5.87	5.87	5.95	5.90	0.79	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	11.61	ppb
Bismuth	209-1				84		%
Bismuth	209-2				76		%
Boron	10-1	22.44	23.23	23.14	22.93	1.89	ppb
Boron	11-1	23.70	24.08	24.49	24.09	1.63	ppb
Cadmium	111-1	-0.10	-0.11	-0.12	-0.11		ppb
Cadmium	106-1	-1.45	-1.57	-1.57	-1.53		ppb
Cadmium	108-1	-0.01	0.04	0.06	0.03	108.70	ppb
Calcium	43-1	3651.40	3624.50	3647.01	3640.97	0.40	ppb
Calcium	44-1	3649.26	3640.71	3636.35	3642.11	0.18	ppb
Chromium	52-2	52.97	53.32	52.94	53.08	0.40	ppb
Cobalt	59-2	1.20	1.20	1.17	1.19	1.07	ppb
Copper	63-2	1.44	1.45	1.49	1.46	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				83		%
Indium	115-1				81		%
Indium	115-2				73		%
Iron	56-2	1712.59	1703.12	1697.06	1704.26	0.46	ppb
Iron	57-2	1703.08	1680.21	1669.80	1684.36	1.01	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.03	-0.03	-0.03		ppb
Lead	207-1	-0.03	-0.04	-0.04	-0.04		ppb
Lead	208-1	-0.03	-0.03	-0.04	-0.03		ppb
Lithium	6-1				63		%
Magnesium	24-2	1261.12	1277.38	1256.69	1265.06	0.86	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-14DLX20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-17 20:06:33	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	991.64	983.31	982.68	985.88	0.51	ppb
Molybdenum	94-1	0.11	0.13	0.12	0.12	10.31	ppb
Molybdenum	95-1	0.18	0.17	0.18	0.18	3.65	ppb
Molybdenum	96-1	0.17	0.17	0.16	0.17	1.91	ppb
Molybdenum	97-1	0.15	0.18	0.16	0.16	9.21	ppb
Molybdenum	98-1	0.16	0.15	0.16	0.16	5.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.25	2.31	2.28	2.28	1.13	ppb
Phosphorus	31-2	-24.70	-25.71	-21.47	-23.96		ppb
Potassium	39-2	243.31	245.02	244.13	244.15	0.35	ppb
Rhodium	103-1				77		%
Rhodium	103-2				72		%
Scandium	45-1				69		%
Scandium	45-2				61		%
Selenium	77-2	0.19	0.93	0.37	0.50	77.50	ppb
Selenium	78-2	-0.02	0.20	-0.04	0.05	280.64	ppb
Selenium	82-1	5.82	5.66	6.28	5.92	5.41	ppb
Silicon	28-1	547.81	547.15	550.01	548.32	0.27	ppb
Silver	109-1	0.05	0.03	0.04	0.04	14.47	ppb
Silver	107-1	0.03	0.04	0.04	0.04	11.84	ppb
Sodium	23-2	54817.93	54236.98	53986.99	54347.30	0.78	ppb
Strontium	86-1	10.63	10.88	10.76	10.76	1.15	ppb
Strontium	88-1	10.70	10.76	10.80	10.76	0.50	ppb
Sulfur	34-1	189.37	124.88	185.54	166.59	21.72	ppb
Terbium	159-1				89		%
Terbium	159-2				81		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.03	0.02	0.02	0.02	18.66	ppb
Titanium	47-1	0.11	0.16	0.13	0.13	16.85	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	38.47	ppb
Vanadium	51-2	0.04	0.02	0.04	0.03	19.68	ppb
Yttrium	89-1				77		%
Yttrium	89-2				70		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-14DLX20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-17 20:06:33	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.93	1.03	0.90	0.95	7.09	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	123.51	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	149.55	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-16DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 20:10:09 DataFile Name : 089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.88	0.39	0.74	0.67	37.89	ppb
Antimony	121-1	0.23	0.24	0.22	0.23	3.67	ppb
Arsenic	75-2	0.24	0.28	0.22	0.25	11.31	ppb
Barium	135-1	34.12	33.76	33.43	33.77	1.03	ppb
Barium	137-1	34.43	33.84	34.08	34.12	0.87	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	68.84	ppb
Bismuth	209-1				85		%
Bismuth	209-2				77		%
Boron	10-1	10.11	10.36	9.93	10.13	2.13	ppb
Boron	11-1	10.65	10.76	10.84	10.75	0.91	ppb
Cadmium	111-1	-0.10	-0.11	-0.12	-0.11		ppb
Cadmium	106-1	-1.54	-1.66	-1.81	-1.67		ppb
Cadmium	108-1	0.03	0.05	0.05	0.04	32.56	ppb
Calcium	43-1	18380.53	18327.58	18398.45	18368.86	0.20	ppb
Calcium	44-1	18182.76	18243.75	18188.27	18204.93	0.19	ppb
Chromium	52-2	488.07	487.84	487.93	487.95	0.02	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	32.34	ppb
Copper	63-2	1.20	1.23	1.22	1.22	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				82		%
Indium	115-1				81		%
Indium	115-2				73		%
Iron	56-2	1.27	1.19	1.32	1.26	5.18	ppb
Iron	57-2	34.07	36.02	36.44	35.51	3.56	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.01	0.00	-0.01		ppb
Lead	207-1	-0.02	-0.03	-0.02	-0.02		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				64		%
Magnesium	24-2	3969.35	3935.09	3941.78	3948.74	0.46	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-16DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 20:10:09	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.18	0.22	0.20	0.20	10.35	ppb
Molybdenum	94-1	0.05	0.04	0.03	0.04	16.23	ppb
Molybdenum	95-1	0.06	0.04	0.04	0.05	22.21	ppb
Molybdenum	96-1	0.06	0.05	0.06	0.06	8.74	ppb
Molybdenum	97-1	0.04	0.05	0.04	0.05	13.31	ppb
Molybdenum	98-1	0.05	0.05	0.05	0.05	2.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.30	0.30	0.29	1.90	ppb
Phosphorus	31-2	-29.60	-33.83	-25.46	-29.63		ppb
Potassium	39-2	274.08	277.12	269.76	273.65	1.35	ppb
Rhodium	103-1				78		%
Rhodium	103-2				72		%
Scandium	45-1				69		%
Scandium	45-2				60		%
Selenium	77-2	2.46	0.38	2.08	1.64	67.64	ppb
Selenium	78-2	0.36	0.54	0.77	0.55	37.08	ppb
Selenium	82-1	0.72	0.91	0.60	0.74	21.29	ppb
Silicon	28-1	1161.35	1160.93	1164.39	1162.22	0.16	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.22	ppb
Silver	107-1	0.02	0.01	0.02	0.02	15.24	ppb
Sodium	23-2	15526.53	15405.92	15368.01	15433.49	0.54	ppb
Strontium	86-1	34.80	35.26	35.25	35.10	0.75	ppb
Strontium	88-1	35.46	35.37	35.12	35.32	0.50	ppb
Sulfur	34-1	1450.39	1298.45	1374.17	1374.34	5.53	ppb
Terbium	159-1				89		%
Terbium	159-2				80		%
Thallium	203-1	0.00	0.00	0.00	0.00	412.19	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.03	0.05	0.04	0.04	25.79	ppb
Titanium	47-1	0.20	0.15	0.21	0.19	17.67	ppb
Uranium	238-1	0.12	0.11	0.11	0.11	4.10	ppb
Vanadium	51-2	0.36	0.36	0.37	0.36	2.02	ppb
Yttrium	89-1				77		%
Yttrium	89-2				69		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-16DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 20:10:09	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.12	2.03	2.06	2.07	2.17	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	77.33	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	114.39	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:13:45	DataFile Name :	090CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50804.48	49999.35	49691.65	50165.16	1.15	ppb
Antimony	121-1	463.33	466.61	415.92	448.62	6.32	ppb
Arsenic	75-2	475.33	468.76	462.56	468.88	1.36	ppb
Barium	135-1	2420.50	2450.84	2168.45	2346.60	6.61	ppb
Barium	137-1	2423.58	2439.86	2184.14	2349.19	6.09	ppb
Beryllium	9-1	487.11	489.31	441.97	472.79	5.65	ppb
Bismuth	209-1				75		%
Bismuth	209-2				65		%
Boron	10-1	464.25	471.36	432.42	456.01	4.55	ppb
Boron	11-1	463.21	477.11	438.85	459.72	4.21	ppb
Cadmium	111-1	521.25	522.73	468.75	504.24	6.10	ppb
Cadmium	106-1	505.52	513.09	452.43	490.35	6.74	ppb
Cadmium	108-1	508.50	516.79	452.08	492.46	7.15	ppb
Calcium	43-1	244497.42	245889.80	218581.87	236323.03	6.51	ppb
Calcium	44-1	243802.02	246274.42	218994.63	236357.02	6.38	ppb
Chromium	52-2	535.59	524.89	525.66	528.71	1.13	ppb
Cobalt	59-2	530.69	521.81	520.74	524.41	1.04	ppb
Copper	63-2	1046.57	1022.98	1016.22	1028.59	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				80		%
Indium	115-1				78		%
Indium	115-2				70		%
Iron	56-2	135349.14	132777.43	132327.78	133484.79	1.22	ppb
Iron	57-2	136859.78	133689.48	133349.72	134632.99	1.44	ppb
Krypton	83-1						cps
Lead	206-1	531.02	537.34	470.56	512.97	7.19	ppb
Lead	207-1	523.05	525.01	466.24	504.76	6.61	ppb
Lead	208-1	525.54	528.23	467.59	507.12	6.76	ppb
Lithium	6-1				64		%
Magnesium	24-2	249384.86	245822.77	243375.00	246194.21	1.23	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:13:45	DataFile Name :	090CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1043.88	1019.14	1022.27	1028.43	1.31	ppb
Molybdenum	94-1	2559.32	2580.40	2271.45	2470.39	6.99	ppb
Molybdenum	95-1	2554.87	2579.35	2268.14	2467.45	7.01	ppb
Molybdenum	96-1	2565.26	2590.99	2273.69	2476.64	7.12	ppb
Molybdenum	97-1	2572.03	2579.37	2279.70	2477.03	6.90	ppb
Molybdenum	98-1	2571.55	2573.97	2296.98	2480.83	6.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.79	523.21	518.52	524.84	1.39	ppb
Phosphorus	31-2	9465.94	9316.31	9286.62	9356.29	1.03	ppb
Potassium	39-2	118544.47	116972.40	116098.39	117205.09	1.06	ppb
Rhodium	103-1				72		%
Rhodium	103-2				65		%
Scandium	45-1				72		%
Scandium	45-2				65		%
Selenium	77-2	473.81	439.84	438.25	450.63	4.46	ppb
Selenium	78-2	460.87	452.53	449.97	454.46	1.25	ppb
Selenium	82-1	463.71	460.94	409.38	444.68	6.88	ppb
Silicon	28-1	442.21	459.04	407.39	436.21	6.04	ppb
Silver	109-1	475.19	476.00	422.86	458.01	6.65	ppb
Silver	107-1	469.27	474.76	423.57	455.86	6.17	ppb
Sodium	23-2	238948.01	237752.74	235213.08	237304.61	0.80	ppb
Strontium	86-1	513.91	515.57	454.23	494.57	7.07	ppb
Strontium	88-1	510.19	513.78	453.37	492.45	6.88	ppb
Sulfur	34-1	9715.26	9929.70	8336.65	9327.20	9.27	ppb
Terbium	159-1				90		%
Terbium	159-2				79		%
Thallium	203-1	541.02	545.85	482.52	523.13	6.74	ppb
Thallium	205-1	538.09	540.76	478.59	519.15	6.77	ppb
Thorium	232-1	560.24	558.30	494.51	537.68	6.96	ppb
Tin	118-1	470.69	475.38	423.06	456.38	6.34	ppb
Titanium	47-1	2519.92	2540.92	2237.64	2432.83	6.96	ppb
Uranium	238-1	556.15	553.82	485.85	531.94	7.51	ppb
Vanadium	51-2	534.16	524.07	516.16	524.80	1.72	ppb
Yttrium	89-1				78		%
Yttrium	89-2				71		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:13:45	DataFile Name :	090CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	999.05	982.61	978.46	986.71	1.10	ppb
Zirconium	90-1	509.88	510.43	450.77	490.36	6.99	ppb
Zirconium	91-1	509.22	505.26	448.68	487.72	6.94	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:19:41	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.32	0.29	0.00	0.20	86.82	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	3.39	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	10.12	ppb
Barium	135-1	0.01	0.03	0.02	0.02	73.75	ppb
Barium	137-1	0.01	0.03	0.02	0.02	46.21	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	13.38	ppb
Bismuth	209-1				89		%
Bismuth	209-2				82		%
Boron	10-1	5.79	5.22	5.37	5.46	5.48	ppb
Boron	11-1	5.68	5.27	5.28	5.41	4.24	ppb
Cadmium	111-1	-0.09	-0.04	-0.06	-0.06		ppb
Cadmium	106-1	-1.33	-0.78	-1.05	-1.06		ppb
Cadmium	108-1	0.05	0.04	0.03	0.04	19.71	ppb
Calcium	43-1	4.64	4.41	3.91	4.32	8.57	ppb
Calcium	44-1	3.48	3.99	3.99	3.82	7.64	ppb
Chromium	52-2	0.28	0.26	0.28	0.27	4.49	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	1181.19	ppb
Copper	63-2	0.44	0.41	0.42	0.42	3.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				86		%
Indium	115-1				86		%
Indium	115-2				78		%
Iron	56-2	1.38	1.43	1.16	1.32	10.75	ppb
Iron	57-2	1.26	1.13	0.88	1.09	17.95	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.01	48.90	ppb
Lead	207-1	-0.01	0.00	0.00	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				69		%
Magnesium	24-2	2.43	1.91	1.84	2.06	15.72	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:19:41	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.07	0.05	0.06	14.10	ppb
Molybdenum	94-1	0.12	0.12	0.12	0.12	1.80	ppb
Molybdenum	95-1	0.15	0.15	0.13	0.14	6.81	ppb
Molybdenum	96-1	0.15	0.14	0.10	0.13	19.88	ppb
Molybdenum	97-1	0.14	0.12	0.10	0.12	15.02	ppb
Molybdenum	98-1	0.14	0.14	0.12	0.13	9.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	181.08	ppb
Phosphorus	31-2	-32.99	-33.71	-33.01	-33.24		ppb
Potassium	39-2	-0.03	0.27	1.20	0.48	133.26	ppb
Rhodium	103-1				84		%
Rhodium	103-2				78		%
Scandium	45-1				75		%
Scandium	45-2				66		%
Selenium	77-2	0.17	0.88	0.35	0.47	78.46	ppb
Selenium	78-2	-0.23	-0.14	0.00	-0.12		ppb
Selenium	82-1	0.14	0.08	0.06	0.09	41.50	ppb
Silicon	28-1	-3.49	-3.43	-3.62	-3.51		ppb
Silver	109-1	0.03	0.03	0.04	0.03	6.97	ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.21	ppb
Sodium	23-2	22.43	19.92	19.77	20.71	7.23	ppb
Strontium	86-1	0.00	0.01	0.00	0.00	584.15	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	8.35	ppb
Sulfur	34-1	-400.62	-364.18	-353.15	-372.65		ppb
Terbium	159-1				91		%
Terbium	159-2				85		%
Thallium	203-1	0.04	0.03	0.04	0.04	8.11	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	18.32	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	7.87	ppb
Tin	118-1	0.04	0.04	0.02	0.03	36.74	ppb
Titanium	47-1	0.04	0.07	0.03	0.05	37.90	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	3.50	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	36.73	ppb
Yttrium	89-1				82		%
Yttrium	89-2				75		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:19:41	DataFile Name :	091CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.29	0.24	0.35	0.29	18.46	ppb
Zirconium	90-1	0.01	0.01	0.02	0.02	4.82	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	42.10	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-18DLX50 Instrumnet Name : P7
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 20:23:18 DataFile Name : 092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.65	0.64	0.29	0.52	39.15	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	8.86	ppb
Arsenic	75-2	0.06	0.05	0.04	0.05	20.50	ppb
Barium	135-1	0.40	0.46	0.40	0.42	8.33	ppb
Barium	137-1	0.44	0.45	0.43	0.44	1.64	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	9.62	ppb
Bismuth	209-1				88		%
Bismuth	209-2				81		%
Boron	10-1	9.39	8.95	9.14	9.16	2.40	ppb
Boron	11-1	9.68	9.63	9.70	9.67	0.40	ppb
Cadmium	111-1	-0.01	-0.09	-0.05	-0.05		ppb
Cadmium	106-1	-0.41	-1.34	-0.85	-0.87		ppb
Cadmium	108-1	0.08	0.02	0.06	0.05	52.66	ppb
Calcium	43-1	601.90	612.95	599.05	604.63	1.21	ppb
Calcium	44-1	604.36	603.60	603.27	603.74	0.09	ppb
Chromium	52-2	3.36	3.24	3.32	3.31	1.74	ppb
Cobalt	59-2	0.46	0.48	0.46	0.47	2.33	ppb
Copper	63-2	0.51	0.51	0.50	0.50	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				86		%
Indium	115-1				85		%
Indium	115-2				79		%
Iron	56-2	1450.25	1448.04	1449.48	1449.26	0.08	ppb
Iron	57-2	1427.79	1422.14	1434.49	1428.14	0.43	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.01	0.00		ppb
Lead	207-1	0.00	-0.01	0.00	0.00		ppb
Lead	208-1	0.00	-0.01	-0.01	-0.01		ppb
Lithium	6-1				69		%
Magnesium	24-2	172.60	169.44	173.20	171.75	1.18	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-18DLX50 Instrumnet Name : P7
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 20:23:18 DataFile Name : 092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	517.50	520.18	524.52	520.73	0.68	ppb
Molybdenum	94-1	0.08	0.09	0.08	0.09	7.53	ppb
Molybdenum	95-1	0.10	0.10	0.09	0.10	3.41	ppb
Molybdenum	96-1	0.09	0.10	0.09	0.10	6.75	ppb
Molybdenum	97-1	0.09	0.07	0.11	0.09	21.34	ppb
Molybdenum	98-1	0.09	0.09	0.08	0.08	10.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.17	1.14	1.16	2.20	ppb
Phosphorus	31-2	-15.50	-19.45	-20.69	-18.55		ppb
Potassium	39-2	231.24	233.73	230.90	231.96	0.67	ppb
Rhodium	103-1				83		%
Rhodium	103-2				78		%
Scandium	45-1				74		%
Scandium	45-2				66		%
Selenium	77-2	0.00	0.17	0.17	0.12	86.60	ppb
Selenium	78-2	-0.50	-0.09	0.00	-0.20		ppb
Selenium	82-1	0.28	-0.01	0.01	0.09	174.23	ppb
Silicon	28-1	154.96	156.72	154.44	155.37	0.77	ppb
Silver	109-1	0.03	0.02	0.02	0.03	5.99	ppb
Silver	107-1	0.02	0.03	0.03	0.02	28.94	ppb
Sodium	23-2	4892.25	4894.27	4945.98	4910.84	0.62	ppb
Strontium	86-1	5.12	4.91	5.14	5.06	2.60	ppb
Strontium	88-1	5.04	5.10	5.07	5.07	0.62	ppb
Sulfur	34-1	-62.40	-55.20	-60.93	-59.51		ppb
Terbium	159-1				91		%
Terbium	159-2				84		%
Thallium	203-1	0.03	0.02	0.02	0.02	16.92	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	17.22	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	4.97	ppb
Tin	118-1	0.03	0.03	0.03	0.03	4.51	ppb
Titanium	47-1	0.11	0.08	0.09	0.09	13.77	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.77	ppb
Vanadium	51-2	0.03	0.03	0.02	0.02	29.27	ppb
Yttrium	89-1				82		%
Yttrium	89-2				75		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-18DLX50	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 20:23:18	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.41	1.61	1.63	1.55	7.77	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	6.53	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	36.40	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-20DLX10	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 20:26:54	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	103.43	102.02	102.90	102.78	0.69	ppb
Antimony	121-1	0.13	0.13	0.13	0.13	2.74	ppb
Arsenic	75-2	0.23	0.22	0.22	0.23	3.47	ppb
Barium	135-1	0.54	0.51	0.53	0.53	2.42	ppb
Barium	137-1	0.53	0.53	0.49	0.51	4.57	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	22.25	ppb
Bismuth	209-1				86		%
Bismuth	209-2				79		%
Boron	10-1	6.07	6.03	5.73	5.94	3.16	ppb
Boron	11-1	6.03	5.86	5.95	5.94	1.48	ppb
Cadmium	111-1	-0.04	-0.03	-0.09	-0.05		ppb
Cadmium	106-1	-0.91	-0.75	-1.49	-1.05		ppb
Cadmium	108-1	0.11	0.12	0.07	0.10	25.79	ppb
Calcium	43-1	30.44	33.88	28.29	30.87	9.13	ppb
Calcium	44-1	32.24	32.66	32.49	32.46	0.65	ppb
Chromium	52-2	452.14	452.56	454.10	452.93	0.23	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	2.50	ppb
Copper	63-2	3.82	3.82	3.87	3.84	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				84		%
Indium	115-1				84		%
Indium	115-2				75		%
Iron	56-2	25.46	25.85	25.55	25.62	0.79	ppb
Iron	57-2	27.63	26.14	26.94	26.90	2.77	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	20.91	ppb
Lead	207-1	0.01	0.02	0.01	0.01	40.73	ppb
Lead	208-1	0.02	0.02	0.02	0.02	3.74	ppb
Lithium	6-1				67		%
Magnesium	24-2	79.77	81.16	77.43	79.45	2.37	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-20DLX10	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 20:26:54	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.99	4.01	4.08	4.02	1.23	ppb
Molybdenum	94-1	0.19	0.17	0.18	0.18	6.70	ppb
Molybdenum	95-1	0.16	0.13	0.14	0.14	12.72	ppb
Molybdenum	96-1	0.15	0.14	0.15	0.15	4.76	ppb
Molybdenum	97-1	0.15	0.12	0.14	0.13	9.74	ppb
Molybdenum	98-1	0.15	0.14	0.12	0.14	10.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	0.79	0.80	0.78	2.55	ppb
Phosphorus	31-2	17.55	6.00	1.85	8.47	96.10	ppb
Potassium	39-2	38.52	40.22	41.18	39.97	3.37	ppb
Rhodium	103-1				81		%
Rhodium	103-2				76		%
Scandium	45-1				73		%
Scandium	45-2				64		%
Selenium	77-2	0.36	0.18	0.54	0.36	49.81	ppb
Selenium	78-2	0.07	-0.15	-0.12	-0.06		ppb
Selenium	82-1	1.01	1.17	1.21	1.13	9.33	ppb
Silicon	28-1	76.73	76.42	77.14	76.76	0.47	ppb
Silver	109-1	0.32	0.32	0.32	0.32	1.06	ppb
Silver	107-1	0.33	0.31	0.32	0.32	3.63	ppb
Sodium	23-2	22504.82	22544.07	22413.12	22487.34	0.30	ppb
Strontium	86-1	0.60	0.64	0.60	0.61	3.33	ppb
Strontium	88-1	0.58	0.60	0.60	0.59	2.01	ppb
Sulfur	34-1	-51.19	-107.40	-148.05	-102.21		ppb
Terbium	159-1				89		%
Terbium	159-2				82		%
Thallium	203-1	0.05	0.05	0.05	0.05	6.95	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	10.21	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	8.05	ppb
Tin	118-1	0.06	0.05	0.04	0.05	14.56	ppb
Titanium	47-1	0.17	0.21	0.25	0.21	21.04	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	4.29	ppb
Vanadium	51-2	0.25	0.25	0.24	0.24	1.36	ppb
Yttrium	89-1				80		%
Yttrium	89-2				73		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-20DLX10	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 20:26:54	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.35	1.18	1.32	1.28	7.05	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	5.43	ppb
Zirconium	91-1	0.06	0.03	0.06	0.05	26.54	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-22DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 20:30:30 DataFile Name : 094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.18	3.85	4.17	4.07	4.60	ppb
Antimony	121-1	0.28	0.26	0.26	0.27	5.37	ppb
Arsenic	75-2	0.21	0.20	0.21	0.21	2.83	ppb
Barium	135-1	33.61	32.85	32.80	33.09	1.38	ppb
Barium	137-1	33.22	32.71	32.98	32.97	0.78	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	27.39	ppb
Bismuth	209-1				86		%
Bismuth	209-2				78		%
Boron	10-1	11.08	11.96	11.58	11.54	3.83	ppb
Boron	11-1	11.85	11.81	11.73	11.80	0.51	ppb
Cadmium	111-1	-0.08	-0.11	-0.06	-0.08		ppb
Cadmium	106-1	-1.31	-1.84	-1.22	-1.46		ppb
Cadmium	108-1	0.06	0.02	0.08	0.05	62.42	ppb
Calcium	43-1	17008.06	16939.44	17042.05	16996.52	0.31	ppb
Calcium	44-1	17104.51	16920.44	17073.65	17032.87	0.58	ppb
Chromium	52-2	433.39	430.84	430.26	431.50	0.39	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	26.34	ppb
Copper	63-2	1.32	1.29	1.34	1.32	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				84		%
Indium	115-1				83		%
Indium	115-2				74		%
Iron	56-2	2.05	2.02	2.07	2.05	1.20	ppb
Iron	57-2	34.85	36.24	35.58	35.56	1.95	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.01	0.00		ppb
Lead	207-1	-0.01	-0.01	-0.02	-0.01		ppb
Lead	208-1	-0.01	0.00	-0.01	-0.01		ppb
Lithium	6-1				66		%
Magnesium	24-2	3140.33	3117.97	3096.82	3118.37	0.70	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-22DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 20:30:30	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.03	1.96	1.90	1.96	3.17	ppb
Molybdenum	94-1	0.40	0.42	0.40	0.41	3.41	ppb
Molybdenum	95-1	0.56	0.55	0.55	0.55	0.95	ppb
Molybdenum	96-1	0.56	0.56	0.53	0.55	2.67	ppb
Molybdenum	97-1	0.49	0.59	0.55	0.54	9.38	ppb
Molybdenum	98-1	0.58	0.55	0.56	0.56	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.38	0.40	0.40	4.36	ppb
Phosphorus	31-2	-27.61	-26.89	-26.95	-27.15		ppb
Potassium	39-2	361.16	355.20	357.64	358.00	0.84	ppb
Rhodium	103-1				80		%
Rhodium	103-2				74		%
Scandium	45-1				72		%
Scandium	45-2				63		%
Selenium	77-2	1.11	1.47	0.91	1.16	24.35	ppb
Selenium	78-2	0.65	0.16	0.03	0.28	117.74	ppb
Selenium	82-1	0.35	0.38	0.84	0.52	53.21	ppb
Silicon	28-1	1211.90	1196.17	1198.75	1202.27	0.70	ppb
Silver	109-1	0.05	0.05	0.05	0.05	5.43	ppb
Silver	107-1	0.05	0.05	0.05	0.05	4.63	ppb
Sodium	23-2	16086.36	15981.68	15890.08	15986.04	0.61	ppb
Strontium	86-1	25.26	25.49	25.42	25.39	0.46	ppb
Strontium	88-1	25.36	25.51	25.55	25.47	0.40	ppb
Sulfur	34-1	1337.11	1217.42	1301.14	1285.22	4.78	ppb
Terbium	159-1				90		%
Terbium	159-2				82		%
Thallium	203-1	0.04	0.05	0.05	0.05	15.91	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	4.61	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	17.46	ppb
Tin	118-1	0.07	0.07	0.06	0.07	6.52	ppb
Titanium	47-1	0.18	0.20	0.20	0.19	5.22	ppb
Uranium	238-1	0.05	0.04	0.05	0.05	7.15	ppb
Vanadium	51-2	0.39	0.37	0.36	0.37	4.29	ppb
Yttrium	89-1				79		%
Yttrium	89-2				71		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-22DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 20:30:30	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.82	2.60	2.64	2.69	4.46	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	2.41	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	32.65	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-24DLX2 Instrumnet Name : P7
 Client Sample ID : EPA-MW-38-OB-010820 Dilution Factor : 2
 Date & Time Acquired :: 2019-01-17 20:34:07 DataFile Name : 095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.18	3.41	3.70	3.43	7.65	ppb
Antimony	121-1	0.58	0.51	0.44	0.51	13.27	ppb
Arsenic	75-2	0.63	0.60	0.62	0.62	2.43	ppb
Barium	135-1	15.82	16.04	15.83	15.90	0.76	ppb
Barium	137-1	15.74	16.16	15.96	15.95	1.33	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	11.43	ppb
Bismuth	209-1				80		%
Bismuth	209-2				71		%
Boron	10-1	714.07	726.41	745.22	728.56	2.15	ppb
Boron	11-1	741.55	757.10	759.00	752.55	1.27	ppb
Cadmium	111-1	-0.08	-0.16	-0.10	-0.11		ppb
Cadmium	106-1	-1.43	-2.53	-1.68	-1.88		ppb
Cadmium	108-1	0.22	0.19	0.22	0.21	8.68	ppb
Calcium	43-1	24071.96	24203.70	24340.14	24205.27	0.55	ppb
Calcium	44-1	24184.56	23968.75	24192.02	24115.11	0.53	ppb
Chromium	52-2	13.20	13.09	13.25	13.18	0.62	ppb
Cobalt	59-2	0.45	0.49	0.49	0.48	4.70	ppb
Copper	63-2	2.74	2.77	2.72	2.75	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				90		%
Holmium	165-2				81		%
Indium	115-1				79		%
Indium	115-2				71		%
Iron	56-2	943.05	953.55	943.60	946.73	0.62	ppb
Iron	57-2	1007.07	1017.39	996.30	1006.92	1.05	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.09	0.08	9.08	ppb
Lead	207-1	0.06	0.07	0.06	0.06	2.05	ppb
Lead	208-1	0.07	0.07	0.07	0.07	1.44	ppb
Lithium	6-1				65		%
Magnesium	24-2	8972.79	9062.26	9009.49	9014.85	0.50	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-24DLX2 Instrumnet Name : P7
 Client Sample ID : EPA-MW-38-OB-010820 Dilution Factor : 2
 Date & Time Acquired :: 2019-01-17 20:34:07 DataFile Name : 095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1012.62	1016.21	1012.74	1013.86	0.20	ppb
Molybdenum	94-1	3.13	3.38	3.25	3.25	3.84	ppb
Molybdenum	95-1	3.80	3.91	3.86	3.86	1.45	ppb
Molybdenum	96-1	3.93	3.70	3.85	3.83	3.05	ppb
Molybdenum	97-1	3.96	3.94	3.86	3.92	1.33	ppb
Molybdenum	98-1	3.93	3.94	3.94	3.94	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.23	1.29	1.24	1.25	2.67	ppb
Phosphorus	31-2	80.15	90.61	102.44	91.07	12.24	ppb
Potassium	39-2	1790.99	1809.95	1790.47	1797.14	0.62	ppb
Rhodium	103-1				75		%
Rhodium	103-2				69		%
Scandium	45-1				70		%
Scandium	45-2				61		%
Selenium	77-2	1.14	1.52	1.13	1.27	17.53	ppb
Selenium	78-2	0.31	0.27	0.10	0.23	48.44	ppb
Selenium	82-1	-0.15	-0.11	0.13	-0.04		ppb
Silicon	28-1	8139.55	8171.35	8161.60	8157.50	0.20	ppb
Silver	109-1	0.07	0.06	0.06	0.07	9.05	ppb
Silver	107-1	0.08	0.07	0.07	0.07	7.45	ppb
Sodium	23-2	181725.28	182329.44	180861.37	181638.70	0.41	ppb
Strontium	86-1	275.03	276.09	275.34	275.48	0.20	ppb
Strontium	88-1	277.29	278.62	276.97	277.63	0.32	ppb
Sulfur	34-1	2034.27	1964.05	2028.86	2009.06	1.94	ppb
Terbium	159-1				89		%
Terbium	159-2				79		%
Thallium	203-1	0.06	0.05	0.05	0.05	9.12	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	12.19	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	12.91	ppb
Tin	118-1	0.15	0.15	0.16	0.16	3.29	ppb
Titanium	47-1	1.34	1.27	1.26	1.29	3.17	ppb
Uranium	238-1	0.78	0.78	0.79	0.79	0.81	ppb
Vanadium	51-2	0.96	0.96	0.96	0.96	0.47	ppb
Yttrium	89-1				77		%
Yttrium	89-2				69		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-24DLX2	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	2
Date & Time Acquired ::	2019-01-17 20:34:07	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.56	4.61	4.28	4.48	3.98	ppb
Zirconium	90-1	0.36	0.38	0.35	0.36	4.32	ppb
Zirconium	91-1	0.38	0.38	0.36	0.37	2.56	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:39:05	DataFile Name :	096CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50063.72	49602.28	50080.88	49915.62	0.54	ppb
Antimony	121-1	462.11	462.81	468.03	464.32	0.70	ppb
Arsenic	75-2	458.93	462.94	462.91	461.59	0.50	ppb
Barium	135-1	2421.88	2435.35	2447.42	2434.88	0.52	ppb
Barium	137-1	2432.92	2435.82	2465.91	2444.88	0.75	ppb
Beryllium	9-1	490.67	488.05	489.06	489.26	0.27	ppb
Bismuth	209-1				73		%
Bismuth	209-2				66		%
Boron	10-1	477.41	477.66	485.27	480.11	0.93	ppb
Boron	11-1	478.22	481.71	490.86	483.60	1.35	ppb
Cadmium	111-1	523.19	525.78	525.48	524.82	0.27	ppb
Cadmium	106-1	506.40	512.03	515.33	511.25	0.88	ppb
Cadmium	108-1	512.49	507.26	509.13	509.63	0.52	ppb
Calcium	43-1	244353.08	243295.10	244130.65	243926.28	0.23	ppb
Calcium	44-1	243262.66	245608.47	244274.60	244381.91	0.48	ppb
Chromium	52-2	518.27	516.94	520.92	518.71	0.39	ppb
Cobalt	59-2	512.43	513.37	512.71	512.84	0.09	ppb
Copper	63-2	1008.54	1004.33	1006.24	1006.37	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				83		%
Indium	115-1				76		%
Indium	115-2				72		%
Iron	56-2	131631.49	130665.16	131464.70	131253.78	0.39	ppb
Iron	57-2	132037.57	131819.35	132042.52	131966.48	0.10	ppb
Krypton	83-1						cps
Lead	206-1	531.65	532.88	529.13	531.22	0.36	ppb
Lead	207-1	525.63	525.66	522.49	524.60	0.35	ppb
Lead	208-1	527.09	526.05	523.27	525.47	0.38	ppb
Lithium	6-1				64		%
Magnesium	24-2	243555.37	243189.44	243526.75	243423.85	0.08	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:39:05	DataFile Name :	096CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1006.16	1009.55	1013.21	1009.64	0.35	ppb
Molybdenum	94-1	2572.34	2548.14	2526.52	2549.00	0.90	ppb
Molybdenum	95-1	2548.81	2537.26	2527.61	2537.90	0.42	ppb
Molybdenum	96-1	2561.50	2541.47	2533.15	2545.37	0.57	ppb
Molybdenum	97-1	2574.67	2548.16	2546.19	2556.34	0.62	ppb
Molybdenum	98-1	2571.37	2540.70	2534.93	2549.00	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.82	516.17	513.24	514.41	0.30	ppb
Phosphorus	31-2	9265.86	9293.31	9339.15	9299.44	0.40	ppb
Potassium	39-2	116728.98	115580.86	116837.91	116382.58	0.60	ppb
Rhodium	103-1				70		%
Rhodium	103-2				67		%
Scandium	45-1				71		%
Scandium	45-2				68		%
Selenium	77-2	451.74	448.93	442.46	447.71	1.06	ppb
Selenium	78-2	448.39	443.45	446.16	446.00	0.55	ppb
Selenium	82-1	463.72	458.94	458.70	460.45	0.62	ppb
Silicon	28-1	443.37	451.36	458.46	451.06	1.67	ppb
Silver	109-1	475.90	473.93	477.30	475.71	0.36	ppb
Silver	107-1	471.55	473.25	472.59	472.46	0.18	ppb
Sodium	23-2	235793.46	233980.11	233737.92	234503.83	0.48	ppb
Strontium	86-1	510.93	507.65	509.72	509.43	0.33	ppb
Strontium	88-1	506.69	506.31	505.58	506.19	0.11	ppb
Sulfur	34-1	9849.06	9912.37	9782.70	9848.04	0.66	ppb
Terbium	159-1				87		%
Terbium	159-2				81		%
Thallium	203-1	542.91	541.79	540.29	541.66	0.24	ppb
Thallium	205-1	540.71	539.43	539.02	539.72	0.16	ppb
Thorium	232-1	558.28	559.12	557.23	558.21	0.17	ppb
Tin	118-1	476.46	474.47	479.10	476.68	0.49	ppb
Titanium	47-1	2520.46	2512.99	2508.30	2513.92	0.24	ppb
Uranium	238-1	551.56	550.76	551.11	551.14	0.07	ppb
Vanadium	51-2	517.90	518.86	520.68	519.15	0.27	ppb
Yttrium	89-1				77		%
Yttrium	89-2				74		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:39:05	DataFile Name :	096CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	966.98	970.49	967.24	968.24	0.20	ppb
Zirconium	90-1	511.53	507.29	505.33	508.05	0.62	ppb
Zirconium	91-1	512.56	504.61	504.20	507.13	0.93	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB71 Instrumnet Name : P7
 Client Sample ID : CCB71 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 20:42:52 DataFile Name : 097CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	0.95	0.58	0.67	37.43	ppb
Antimony	121-1	0.16	0.13	0.12	0.14	15.10	ppb
Arsenic	75-2	0.03	0.02	0.05	0.03	39.28	ppb
Barium	135-1	0.00	0.03	0.02	0.02	69.51	ppb
Barium	137-1	0.02	0.03	0.02	0.02	22.25	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	17.51	ppb
Bismuth	209-1				91		%
Bismuth	209-2				78		%
Boron	10-1	14.55	12.73	11.33	12.87	12.55	ppb
Boron	11-1	14.26	12.71	11.35	12.77	11.39	ppb
Cadmium	111-1	-0.09	-0.01	-0.05	-0.05		ppb
Cadmium	106-1	-1.48	-0.52	-0.92	-0.97		ppb
Cadmium	108-1	0.06	0.09	0.01	0.06	71.43	ppb
Calcium	43-1	4.67	4.66	3.93	4.42	9.64	ppb
Calcium	44-1	4.54	3.40	3.16	3.70	19.92	ppb
Chromium	52-2	0.16	0.38	0.24	0.26	42.91	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	108.67	ppb
Copper	63-2	0.36	0.59	0.47	0.47	25.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				83		%
Indium	115-1				88		%
Indium	115-2				75		%
Iron	56-2	1.86	2.75	2.09	2.23	20.63	ppb
Iron	57-2	2.19	3.08	2.00	2.43	23.89	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	-0.01	0.00		ppb
Lead	207-1	0.00	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				71		%
Magnesium	24-2	2.45	3.98	3.40	3.28	23.50	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:42:52	DataFile Name :	097CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.10	0.08	0.08	17.86	ppb
Molybdenum	94-1	0.34	0.28	0.25	0.29	15.39	ppb
Molybdenum	95-1	0.44	0.35	0.28	0.35	22.72	ppb
Molybdenum	96-1	0.43	0.35	0.28	0.35	21.62	ppb
Molybdenum	97-1	0.43	0.32	0.27	0.34	25.14	ppb
Molybdenum	98-1	0.43	0.34	0.29	0.35	19.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.02	39.45	ppb
Phosphorus	31-2	-33.19	-25.71	-32.47	-30.46		ppb
Potassium	39-2	-1.16	18.54	7.27	8.22	120.27	ppb
Rhodium	103-1				86		%
Rhodium	103-2				76		%
Scandium	45-1				78		%
Scandium	45-2				64		%
Selenium	77-2	0.31	0.00	0.18	0.17	95.62	ppb
Selenium	78-2	-0.12	-0.10	0.11	-0.04		ppb
Selenium	82-1	0.11	0.06	0.09	0.09	29.02	ppb
Silicon	28-1	-0.63	-2.13	-3.28	-2.01		ppb
Silver	109-1	0.04	0.04	0.03	0.04	11.39	ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.88	ppb
Sodium	23-2	28.47	44.78	36.84	36.70	22.23	ppb
Strontium	86-1	0.00	0.00	-0.02	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.40	ppb
Sulfur	34-1	-208.28	-363.87	-539.86	-370.67		ppb
Terbium	159-1				94		%
Terbium	159-2				81		%
Thallium	203-1	0.11	0.09	0.06	0.09	26.61	ppb
Thallium	205-1	0.09	0.08	0.06	0.07	23.05	ppb
Thorium	232-1	0.17	0.13	0.09	0.13	29.34	ppb
Tin	118-1	0.09	0.08	0.08	0.08	11.71	ppb
Titanium	47-1	0.10	0.09	0.09	0.10	3.27	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.01	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	28.24	ppb
Yttrium	89-1				85		%
Yttrium	89-2				73		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:42:52	DataFile Name :	097CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.24	0.35	0.40	0.33	23.56	ppb
Zirconium	90-1	0.03	0.02	0.02	0.03	16.66	ppb
Zirconium	91-1	0.02	0.03	0.02	0.03	21.46	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116436BL	Instrumnet Name :	P7
Client Sample ID :	PB116436BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:46:28	DataFile Name :	098CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	-0.04	0.08	0.12	155.37	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	17.03	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	85.72	ppb
Barium	135-1	0.01	0.00	-0.01	0.00		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	7.37	ppb
Bismuth	209-1				88		%
Bismuth	209-2				82		%
Boron	10-1	6.98	7.23	6.62	6.94	4.39	ppb
Boron	11-1	7.26	6.83	7.04	7.05	3.02	ppb
Cadmium	111-1	-0.07	-0.05	-0.05	-0.06		ppb
Cadmium	106-1	-1.03	-0.80	-0.78	-0.87		ppb
Cadmium	108-1	0.03	0.01	0.01	0.02	83.82	ppb
Calcium	43-1	2.27	2.12	2.37	2.25	5.60	ppb
Calcium	44-1	2.30	2.29	2.28	2.29	0.42	ppb
Chromium	52-2	0.27	0.27	0.26	0.27	2.24	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.40	0.38	0.40	0.39	3.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				86		%
Indium	115-1				86		%
Indium	115-2				79		%
Iron	56-2	0.63	0.64	0.66	0.64	2.47	ppb
Iron	57-2	0.76	0.63	0.63	0.67	11.12	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.02	-0.01	-0.01		ppb
Lead	207-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				70		%
Magnesium	24-2	0.81	0.98	0.83	0.87	10.70	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116436BL	Instrumnet Name :	P7
Client Sample ID :	PB116436BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:46:28	DataFile Name :	098CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.08	0.07	0.08	6.29	ppb
Molybdenum	94-1	0.07	0.08	0.08	0.07	10.15	ppb
Molybdenum	95-1	0.08	0.08	0.08	0.08	2.10	ppb
Molybdenum	96-1	0.08	0.08	0.08	0.08	3.94	ppb
Molybdenum	97-1	0.08	0.08	0.05	0.07	20.63	ppb
Molybdenum	98-1	0.07	0.06	0.06	0.06	8.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	544.41	ppb
Phosphorus	31-2	-32.40	-34.59	-30.83	-32.60		ppb
Potassium	39-2	-1.86	-1.72	-0.98	-1.52		ppb
Rhodium	103-1				84		%
Rhodium	103-2				79		%
Scandium	45-1				75		%
Scandium	45-2				67		%
Selenium	77-2	0.17	0.35	0.17	0.23	43.58	ppb
Selenium	78-2	-0.30	0.19	-0.07	-0.06		ppb
Selenium	82-1	0.19	0.00	0.05	0.08	122.69	ppb
Silicon	28-1	-3.56	-3.81	-3.74	-3.70		ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.01	ppb
Silver	107-1	0.02	0.02	0.02	0.02	15.57	ppb
Sodium	23-2	18.65	19.27	18.39	18.77	2.42	ppb
Strontium	86-1	-0.01	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	36.62	ppb
Sulfur	34-1	-275.78	-292.36	-288.84	-285.66		ppb
Terbium	159-1				91		%
Terbium	159-2				84		%
Thallium	203-1	0.02	0.02	0.02	0.02	1.92	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	11.05	ppb
Thorium	232-1	0.05	0.04	0.04	0.04	6.95	ppb
Tin	118-1	0.05	0.03	0.05	0.04	24.70	ppb
Titanium	47-1	0.03	0.04	0.05	0.04	16.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	28.55	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	27.33	ppb
Yttrium	89-1				82		%
Yttrium	89-2				76		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116436BL	Instrumnet Name :	P7
Client Sample ID :	PB116436BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:46:28	DataFile Name :	098CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.79	0.71	0.81	0.77	7.24	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	11.11	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	40.29	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116436BS	Instrumnet Name :	P7
Client Sample ID :	PB116436BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:50:05	DataFile Name :	099LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9231.90	8958.29	9195.92	9128.71	1.63	ppb
Antimony	121-1	485.24	483.49	479.58	482.77	0.60	ppb
Arsenic	75-2	491.24	484.85	489.42	488.50	0.67	ppb
Barium	135-1	2431.61	2415.04	2410.37	2419.01	0.46	ppb
Barium	137-1	2446.29	2424.85	2395.92	2422.35	1.04	ppb
Beryllium	9-1	488.44	490.67	492.67	490.59	0.43	ppb
Bismuth	209-1				82		%
Bismuth	209-2				75		%
Boron	10-1	467.60	476.50	478.77	474.29	1.24	ppb
Boron	11-1	467.73	474.27	484.98	475.66	1.83	ppb
Cadmium	111-1	476.56	479.29	474.93	476.93	0.46	ppb
Cadmium	106-1	468.17	473.85	466.59	469.54	0.81	ppb
Cadmium	108-1	465.42	469.47	465.63	466.84	0.49	ppb
Calcium	43-1	49683.89	49770.95	49536.39	49663.74	0.24	ppb
Calcium	44-1	49353.11	49482.63	48870.73	49235.49	0.65	ppb
Chromium	52-2	521.99	507.87	519.97	516.61	1.48	ppb
Cobalt	59-2	537.10	523.83	534.16	531.70	1.31	ppb
Copper	63-2	1114.18	1074.69	1101.92	1096.93	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				84		%
Indium	115-1				81		%
Indium	115-2				75		%
Iron	56-2	27534.74	26632.31	27206.89	27124.65	1.68	ppb
Iron	57-2	27474.84	26518.09	27240.40	27077.78	1.84	ppb
Krypton	83-1						cps
Lead	206-1	500.16	503.75	497.40	500.44	0.64	ppb
Lead	207-1	493.67	498.54	490.87	494.36	0.79	ppb
Lead	208-1	495.34	498.02	494.54	495.97	0.37	ppb
Lithium	6-1				68		%
Magnesium	24-2	51821.11	50053.87	51315.57	51063.52	1.78	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116436BS	Instrumnet Name :	P7
Client Sample ID :	PB116436BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:50:05	DataFile Name :	099LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1041.27	1016.09	1042.85	1033.40	1.45	ppb
Molybdenum	94-1	2497.53	2473.13	2480.85	2483.84	0.50	ppb
Molybdenum	95-1	2491.68	2483.28	2475.71	2483.56	0.32	ppb
Molybdenum	96-1	2488.75	2494.65	2468.83	2484.08	0.54	ppb
Molybdenum	97-1	2492.70	2486.94	2488.56	2489.40	0.12	ppb
Molybdenum	98-1	2488.68	2500.26	2493.98	2494.31	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.75	534.11	547.58	543.48	1.50	ppb
Phosphorus	31-2	9582.27	9136.81	9649.10	9456.06	2.95	ppb
Potassium	39-2	23249.43	22523.37	23036.26	22936.36	1.63	ppb
Rhodium	103-1				78		%
Rhodium	103-2				72		%
Scandium	45-1				73		%
Scandium	45-2				67		%
Selenium	77-2	480.92	484.29	484.17	483.13	0.40	ppb
Selenium	78-2	494.31	490.32	493.01	492.54	0.41	ppb
Selenium	82-1	496.55	501.96	500.65	499.72	0.56	ppb
Silicon	28-1	434.97	437.00	438.57	436.85	0.41	ppb
Silver	109-1	476.64	473.84	469.34	473.28	0.78	ppb
Silver	107-1	476.07	470.83	466.54	471.15	1.01	ppb
Sodium	23-2	47499.80	46051.94	47350.54	46967.42	1.70	ppb
Strontium	86-1	489.74	491.52	492.83	491.37	0.32	ppb
Strontium	88-1	498.81	498.23	497.28	498.11	0.15	ppb
Sulfur	34-1	9720.82	9660.17	9619.58	9666.86	0.53	ppb
Terbium	159-1				91		%
Terbium	159-2				82		%
Thallium	203-1	510.40	507.82	506.27	508.16	0.41	ppb
Thallium	205-1	502.39	504.69	501.62	502.90	0.32	ppb
Thorium	232-1	501.51	496.49	496.94	498.31	0.56	ppb
Tin	118-1	482.79	477.51	472.32	477.54	1.10	ppb
Titanium	47-1	2457.58	2480.10	2453.44	2463.71	0.58	ppb
Uranium	238-1	489.16	491.68	493.66	491.50	0.46	ppb
Vanadium	51-2	516.53	503.55	512.78	510.95	1.31	ppb
Yttrium	89-1				80		%
Yttrium	89-2				74		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116436BS	Instrumnet Name :	P7
Client Sample ID :	PB116436BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:50:05	DataFile Name :	099LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1127.48	1100.93	1124.23	1117.55	1.30	ppb
Zirconium	90-1	494.40	492.80	492.56	493.25	0.20	ppb
Zirconium	91-1	484.39	490.76	487.10	487.42	0.66	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-02	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:53:43	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.98	14.78	15.38	14.71	4.78	ppb
Antimony	121-1	0.17	0.15	0.13	0.15	12.72	ppb
Arsenic	75-2	0.10	0.07	0.05	0.07	29.07	ppb
Barium	135-1	2.84	2.46	2.47	2.59	8.29	ppb
Barium	137-1	2.77	2.62	2.47	2.62	5.56	ppb
Beryllium	9-1	0.10	0.07	0.05	0.07	29.23	ppb
Bismuth	209-1				98		%
Bismuth	209-2				89		%
Boron	10-1	10.14	10.39	9.69	10.07	3.54	ppb
Boron	11-1	10.90	10.00	9.76	10.22	5.87	ppb
Cadmium	111-1	-0.01	0.02	0.06	0.03	129.94	ppb
Cadmium	106-1	-1.66	-1.06	-0.42	-1.05		ppb
Cadmium	108-1	0.25	0.13	0.13	0.17	39.49	ppb
Calcium	43-1	82.68	76.65	70.89	76.74	7.68	ppb
Calcium	44-1	78.08	75.44	72.66	75.40	3.59	ppb
Chromium	52-2	44.95	44.71	45.52	45.06	0.92	ppb
Cobalt	59-2	0.08	0.07	0.07	0.07	6.07	ppb
Copper	63-2	214.75	213.91	216.79	215.15	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				91		%
Indium	115-1				93		%
Indium	115-2				84		%
Iron	56-2	44.64	43.58	44.75	44.32	1.46	ppb
Iron	57-2	45.61	45.04	48.10	46.25	3.52	ppb
Krypton	83-1						cps
Lead	206-1	2.29	2.24	2.23	2.26	1.38	ppb
Lead	207-1	2.04	2.00	1.96	2.00	1.99	ppb
Lead	208-1	2.15	2.11	2.07	2.11	1.76	ppb
Lithium	6-1				75		%
Magnesium	24-2	4.38	3.51	4.08	3.99	11.02	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-02	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:53:43	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.02	0.98	1.06	1.02	4.13	ppb
Molybdenum	94-1	0.67	0.47	0.34	0.50	33.72	ppb
Molybdenum	95-1	0.79	0.57	0.41	0.59	32.84	ppb
Molybdenum	96-1	0.74	0.56	0.44	0.58	26.48	ppb
Molybdenum	97-1	0.73	0.61	0.44	0.59	24.57	ppb
Molybdenum	98-1	0.76	0.58	0.44	0.60	27.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.82	1.85	1.98	1.89	4.56	ppb
Phosphorus	31-2	-32.07	-33.54	-30.54	-32.05		ppb
Potassium	39-2	0.20	0.30	1.98	0.83	121.33	ppb
Rhodium	103-1				90		%
Rhodium	103-2				83		%
Scandium	45-1				81		%
Scandium	45-2				71		%
Selenium	77-2	0.49	0.33	0.17	0.33	49.24	ppb
Selenium	78-2	-0.06	-0.11	-0.23	-0.13		ppb
Selenium	82-1	0.16	0.11	0.03	0.10	63.50	ppb
Silicon	28-1	6.03	6.21	6.36	6.20	2.63	ppb
Silver	109-1	0.09	0.08	0.06	0.07	22.67	ppb
Silver	107-1	0.08	0.08	0.07	0.08	11.80	ppb
Sodium	23-2	41.52	39.91	40.59	40.67	1.99	ppb
Strontium	86-1	0.18	0.17	0.13	0.16	15.27	ppb
Strontium	88-1	0.20	0.19	0.17	0.19	9.31	ppb
Sulfur	34-1	2490.71	2531.18	2491.10	2504.33	0.93	ppb
Terbium	159-1				98		%
Terbium	159-2				90		%
Thallium	203-1	0.12	0.09	0.06	0.09	30.29	ppb
Thallium	205-1	0.12	0.09	0.06	0.09	33.84	ppb
Thorium	232-1	0.07	0.05	0.03	0.05	37.76	ppb
Tin	118-1	0.20	0.16	0.12	0.16	23.68	ppb
Titanium	47-1	0.34	0.24	0.13	0.24	44.13	ppb
Uranium	238-1	0.07	0.04	0.03	0.04	47.50	ppb
Vanadium	51-2	0.06	0.04	0.06	0.06	18.57	ppb
Yttrium	89-1				89		%
Yttrium	89-2				80		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-02	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:53:43	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	303.23	299.89	302.83	301.98	0.60	ppb
Zirconium	90-1	0.06	0.04	0.02	0.04	50.36	ppb
Zirconium	91-1	0.06	0.04	0.03	0.04	37.72	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-04 Instrumnet Name : P7
 Client Sample ID : EPA-EX-1-OB-01092019 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 20:57:19 DataFile Name : 101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.22	3.88	3.38	3.83	11.04	ppb
Antimony	121-1	1.30	1.01	0.87	1.06	21.03	ppb
Arsenic	75-2	1.21	1.17	1.24	1.20	3.09	ppb
Barium	135-1	33.31	32.99	32.96	33.09	0.59	ppb
Barium	137-1	33.70	33.34	32.72	33.25	1.49	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	30.95	ppb
Bismuth	209-1				76		%
Bismuth	209-2				69		%
Boron	10-1	1123.57	1135.75	1145.41	1134.91	0.96	ppb
Boron	11-1	1154.91	1165.19	1183.15	1167.75	1.22	ppb
Cadmium	111-1	0.10	0.03	0.01	0.04	103.37	ppb
Cadmium	106-1	-0.93	-1.94	-1.88	-1.58		ppb
Cadmium	108-1	0.38	0.21	0.24	0.28	34.63	ppb
Calcium	43-1	50360.79	50722.58	50724.77	50602.71	0.41	ppb
Calcium	44-1	49837.92	49923.31	49677.74	49812.99	0.25	ppb
Chromium	52-2	50.43	50.18	49.63	50.08	0.82	ppb
Cobalt	59-2	0.27	0.29	0.28	0.28	3.60	ppb
Copper	63-2	2.26	2.32	2.35	2.31	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				79		%
Indium	115-1				76		%
Indium	115-2				69		%
Iron	56-2	83.70	82.66	82.23	82.86	0.91	ppb
Iron	57-2	176.85	179.82	181.18	179.29	1.23	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.09	0.09	0.10	15.25	ppb
Lead	207-1	0.11	0.08	0.07	0.09	25.66	ppb
Lead	208-1	0.11	0.09	0.08	0.10	15.81	ppb
Lithium	6-1				66		%
Magnesium	24-2	14806.25	14711.76	14513.25	14677.09	1.02	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-04 Instrumnet Name : P7
 Client Sample ID : EPA-EX-1-OB-01092019 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 20:57:19 DataFile Name : 101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1587.61	1571.72	1573.99	1577.78	0.54	ppb
Molybdenum	94-1	3.84	3.80	3.81	3.82	0.62	ppb
Molybdenum	95-1	5.09	5.10	5.12	5.10	0.37	ppb
Molybdenum	96-1	5.06	4.93	4.96	4.98	1.35	ppb
Molybdenum	97-1	5.31	5.09	5.25	5.22	2.18	ppb
Molybdenum	98-1	5.26	5.21	5.05	5.17	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.86	1.93	1.83	1.87	2.78	ppb
Phosphorus	31-2	-2.64	-0.40	6.12	1.03	442.61	ppb
Potassium	39-2	8512.41	8485.32	8472.82	8490.18	0.24	ppb
Rhodium	103-1				71		%
Rhodium	103-2				67		%
Scandium	45-1				68		%
Scandium	45-2				60		%
Selenium	77-2	2.14	1.36	1.93	1.81	22.33	ppb
Selenium	78-2	0.76	0.69	0.68	0.71	6.25	ppb
Selenium	82-1	-0.54	-0.71	-0.34	-0.53		ppb
Silicon	28-1	9736.09	9648.05	9634.29	9672.81	0.57	ppb
Silver	109-1	0.25	0.19	0.14	0.20	28.58	ppb
Silver	107-1	0.23	0.20	0.15	0.19	19.92	ppb
Sodium	23-2	200279.53	198650.78	197313.37	198747.89	0.75	ppb
Strontium	86-1	331.77	334.16	331.00	332.31	0.50	ppb
Strontium	88-1	333.16	333.06	330.38	332.20	0.47	ppb
Sulfur	34-1	13003.37	12857.96	12909.25	12923.53	0.57	ppb
Terbium	159-1				84		%
Terbium	159-2				77		%
Thallium	203-1	0.49	0.34	0.27	0.36	29.93	ppb
Thallium	205-1	0.47	0.33	0.26	0.36	30.61	ppb
Thorium	232-1	0.07	0.06	0.06	0.06	8.10	ppb
Tin	118-1	0.47	0.47	0.47	0.47	0.74	ppb
Titanium	47-1	1.97	2.09	1.98	2.01	3.47	ppb
Uranium	238-1	2.40	2.39	2.38	2.39	0.49	ppb
Vanadium	51-2	0.60	0.63	0.66	0.63	4.40	ppb
Yttrium	89-1				74		%
Yttrium	89-2				68		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-04	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-1-OB-01092019	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:57:19	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.83	2.72	2.80	2.78	2.02	ppb
Zirconium	90-1	0.16	0.24	0.21	0.20	18.41	ppb
Zirconium	91-1	0.16	0.17	0.19	0.17	9.14	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-06 Instrumnet Name : P7
 Client Sample ID : EPA-EX-2-OB-01092019 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:01:00 DataFile Name : 102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	677.20	649.26	671.62	666.03	2.22	ppb
Antimony	121-1	0.92	0.92	0.96	0.94	2.46	ppb
Arsenic	75-2	0.65	0.65	0.69	0.66	3.30	ppb
Barium	135-1	17.50	17.22	17.36	17.36	0.81	ppb
Barium	137-1	17.18	16.80	17.26	17.08	1.43	ppb
Beryllium	9-1	0.56	0.48	0.54	0.53	7.85	ppb
Bismuth	209-1				79		%
Bismuth	209-2				70		%
Boron	10-1	519.53	522.83	532.25	524.87	1.26	ppb
Boron	11-1	541.39	544.03	552.15	545.86	1.03	ppb
Cadmium	111-1	4.29	4.21	4.08	4.19	2.47	ppb
Cadmium	106-1	2.59	2.60	1.11	2.10	40.92	ppb
Cadmium	108-1	3.70	3.80	4.06	3.86	4.81	ppb
Calcium	43-1	35067.46	34784.90	35174.24	35008.87	0.57	ppb
Calcium	44-1	34416.68	34346.61	34559.02	34440.77	0.31	ppb
Chromium	52-2	31193.39	30583.96	31323.35	31033.57	1.27	ppb
Cobalt	59-2	7.23	7.06	7.28	7.19	1.58	ppb
Copper	63-2	770.34	754.11	776.88	767.11	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				77		%
Indium	115-1				76		%
Indium	115-2				66		%
Iron	56-2	22.26	21.75	22.32	22.11	1.40	ppb
Iron	57-2	84.78	84.37	83.80	84.32	0.58	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.15	0.17	0.17	8.04	ppb
Lead	207-1	0.15	0.15	0.15	0.15	0.79	ppb
Lead	208-1	0.16	0.15	0.16	0.16	3.41	ppb
Lithium	6-1				62		%
Magnesium	24-2	5852.53	5734.59	5862.16	5816.43	1.22	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-06 Instrumnet Name : P7
 Client Sample ID : EPA-EX-2-OB-01092019 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:01:00 DataFile Name : 102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	492.10	485.17	495.34	490.87	1.06	ppb
Molybdenum	94-1	2.03	1.96	2.03	2.01	1.97	ppb
Molybdenum	95-1	2.82	2.68	2.76	2.76	2.56	ppb
Molybdenum	96-1	2.63	2.68	2.73	2.68	1.78	ppb
Molybdenum	97-1	2.73	2.72	2.86	2.77	2.87	ppb
Molybdenum	98-1	2.71	2.68	2.86	2.75	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.45	62.56	64.61	63.54	1.62	ppb
Phosphorus	31-2	-25.74	-22.30	-24.56	-24.20		ppb
Potassium	39-2	3041.71	2980.45	3044.10	3022.09	1.19	ppb
Rhodium	103-1				71		%
Rhodium	103-2				64		%
Scandium	45-1				65		%
Scandium	45-2				55		%
Selenium	77-2	4.20	5.26	3.47	4.31	20.83	ppb
Selenium	78-2	1.45	2.05	1.92	1.81	17.51	ppb
Selenium	82-1	1.68	1.76	2.65	2.03	26.57	ppb
Silicon	28-1	13081.16	12981.33	13117.22	13059.90	0.54	ppb
Silver	109-1	0.19	0.18	0.18	0.18	4.71	ppb
Silver	107-1	0.17	0.17	0.17	0.17	1.40	ppb
Sodium	23-2	115715.18	114142.30	115848.29	115235.26	0.82	ppb
Strontium	86-1	42.12	41.85	42.18	42.05	0.42	ppb
Strontium	88-1	42.63	42.06	42.30	42.33	0.68	ppb
Sulfur	34-1	21249.79	20955.93	21290.76	21165.49	0.86	ppb
Terbium	159-1				86		%
Terbium	159-2				75		%
Thallium	203-1	0.10	0.09	0.08	0.09	10.35	ppb
Thallium	205-1	0.10	0.10	0.08	0.09	9.32	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	3.13	ppb
Tin	118-1	0.37	0.38	0.39	0.38	3.25	ppb
Titanium	47-1	1.89	1.96	1.88	1.91	2.36	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	2.80	ppb
Vanadium	51-2	0.26	0.26	0.28	0.27	5.36	ppb
Yttrium	89-1				74		%
Yttrium	89-2				65		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-06	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-2-OB-01092019	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:01:00	DataFile Name :	102SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	108.48	107.82	110.21	108.84	1.13	ppb
Zirconium	90-1	0.08	0.09	0.08	0.08	6.84	ppb
Zirconium	91-1	0.08	0.05	0.08	0.07	24.92	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:04:40 DataFile Name : 103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.33	1.46	1.48	1.42	5.76	ppb
Antimony	121-1	0.84	0.80	0.80	0.81	3.10	ppb
Arsenic	75-2	0.91	0.92	0.94	0.92	1.69	ppb
Barium	135-1	187.18	187.18	181.81	185.39	1.67	ppb
Barium	137-1	187.08	186.44	184.02	185.84	0.87	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	12.44	ppb
Bismuth	209-1				79		%
Bismuth	209-2				69		%
Boron	10-1	61.34	60.12	60.82	60.76	1.01	ppb
Boron	11-1	62.48	61.72	61.35	61.85	0.93	ppb
Cadmium	111-1	-0.13	-0.07	-0.10	-0.10		ppb
Cadmium	106-1	-2.39	-1.48	-1.79	-1.89		ppb
Cadmium	108-1	0.05	0.09	0.07	0.07	24.72	ppb
Calcium	43-1	89873.62	90133.17	90592.22	90199.67	0.40	ppb
Calcium	44-1	90483.64	90269.14	91289.90	90680.89	0.59	ppb
Chromium	52-2	1977.83	1998.74	2010.51	1995.69	0.83	ppb
Cobalt	59-2	0.13	0.14	0.12	0.13	7.28	ppb
Copper	63-2	5.28	5.35	5.33	5.32	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				76		%
Indium	115-1				76		%
Indium	115-2				65		%
Iron	56-2	7.82	8.12	8.10	8.01	2.12	ppb
Iron	57-2	171.72	182.61	180.10	178.14	3.20	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.06	0.06	15.15	ppb
Lead	207-1	0.06	0.05	0.04	0.05	11.53	ppb
Lead	208-1	0.05	0.05	0.05	0.05	4.73	ppb
Lithium	6-1				61		%
Magnesium	24-2	19493.67	19810.72	19702.98	19669.12	0.82	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:04:40	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.80	0.68	0.78	0.75	8.22	ppb
Molybdenum	94-1	0.47	0.49	0.49	0.48	2.18	ppb
Molybdenum	95-1	0.65	0.60	0.65	0.63	4.34	ppb
Molybdenum	96-1	0.59	0.58	0.63	0.60	4.17	ppb
Molybdenum	97-1	0.59	0.66	0.60	0.62	5.79	ppb
Molybdenum	98-1	0.62	0.62	0.60	0.61	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.68	2.76	2.68	2.70	1.83	ppb
Phosphorus	31-2	-23.95	-19.87	-13.02	-18.95		ppb
Potassium	39-2	1516.30	1530.71	1552.67	1533.23	1.19	ppb
Rhodium	103-1				71		%
Rhodium	103-2				63		%
Scandium	45-1				65		%
Scandium	45-2				54		%
Selenium	77-2	3.10	3.53	3.36	3.33	6.49	ppb
Selenium	78-2	1.85	1.73	1.44	1.67	12.52	ppb
Selenium	82-1	2.00	2.19	1.79	1.99	10.07	ppb
Silicon	28-1	5609.43	5653.34	5630.99	5631.25	0.39	ppb
Silver	109-1	0.03	0.04	0.03	0.04	1.70	ppb
Silver	107-1	0.04	0.03	0.03	0.03	15.23	ppb
Sodium	23-2	65813.76	67098.24	66712.81	66541.60	0.99	ppb
Strontium	86-1	141.33	139.24	140.34	140.30	0.75	ppb
Strontium	88-1	139.79	139.92	139.21	139.64	0.27	ppb
Sulfur	34-1	8186.52	8238.07	8321.78	8248.79	0.83	ppb
Terbium	159-1				86		%
Terbium	159-2				74		%
Thallium	203-1	0.05	0.05	0.03	0.04	24.44	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	11.64	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	7.49	ppb
Tin	118-1	0.37	0.37	0.38	0.37	0.82	ppb
Titanium	47-1	1.04	0.88	1.06	0.99	9.76	ppb
Uranium	238-1	0.26	0.26	0.26	0.26	1.17	ppb
Vanadium	51-2	1.22	1.30	1.21	1.24	3.76	ppb
Yttrium	89-1				73		%
Yttrium	89-2				63		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:04:40	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.53	7.58	7.55	7.56	0.33	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	30.47	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	35.27	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08DUP	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:08:16	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.24	1.46	1.37	1.69	28.43	ppb
Antimony	121-1	0.78	0.79	0.77	0.78	0.90	ppb
Arsenic	75-2	1.06	0.82	0.90	0.93	13.00	ppb
Barium	135-1	184.66	184.70	184.25	184.54	0.13	ppb
Barium	137-1	186.04	184.45	183.25	184.58	0.76	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	5.90	ppb
Bismuth	209-1				78		%
Bismuth	209-2				68		%
Boron	10-1	51.69	52.43	51.69	51.94	0.82	ppb
Boron	11-1	52.93	53.14	53.62	53.23	0.66	ppb
Cadmium	111-1	-0.08	-0.16	-0.09	-0.11		ppb
Cadmium	106-1	-1.58	-2.48	-1.66	-1.90		ppb
Cadmium	108-1	0.07	0.07	0.05	0.07	15.61	ppb
Calcium	43-1	90918.74	91144.22	90795.35	90952.77	0.19	ppb
Calcium	44-1	91027.65	91373.93	90647.96	91016.51	0.40	ppb
Chromium	52-2	1996.90	1955.46	1998.23	1983.53	1.23	ppb
Cobalt	59-2	0.13	0.12	0.14	0.13	7.18	ppb
Copper	63-2	5.36	5.10	5.36	5.27	2.88	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				86		%
Holmium	165-2				75		%
Indium	115-1				74		%
Indium	115-2				64		%
Iron	56-2	8.02	7.99	8.14	8.05	1.02	ppb
Iron	57-2	171.83	170.03	181.61	174.49	3.57	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.05	0.05	11.90	ppb
Lead	207-1	0.05	0.03	0.03	0.04	31.20	ppb
Lead	208-1	0.05	0.05	0.04	0.05	6.14	ppb
Lithium	6-1				60		%
Magnesium	24-2	19739.40	19345.72	19648.54	19577.89	1.05	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08DUP	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:08:16	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.68	0.74	0.76	0.73	5.82	ppb
Molybdenum	94-1	0.45	0.42	0.49	0.45	8.02	ppb
Molybdenum	95-1	0.60	0.61	0.60	0.60	1.73	ppb
Molybdenum	96-1	0.60	0.63	0.63	0.62	3.28	ppb
Molybdenum	97-1	0.59	0.67	0.58	0.61	8.57	ppb
Molybdenum	98-1	0.58	0.61	0.63	0.60	4.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.82	2.73	2.72	2.75	2.03	ppb
Phosphorus	31-2	-18.13	-19.31	-11.35	-16.27		ppb
Potassium	39-2	1537.09	1503.81	1537.10	1526.00	1.26	ppb
Rhodium	103-1				70		%
Rhodium	103-2				62		%
Scandium	45-1				62		%
Scandium	45-2				52		%
Selenium	77-2	3.43	2.37	2.57	2.79	20.06	ppb
Selenium	78-2	2.53	1.77	2.50	2.27	19.00	ppb
Selenium	82-1	1.84	2.12	1.40	1.79	20.42	ppb
Silicon	28-1	5669.13	5631.87	5601.06	5634.02	0.60	ppb
Silver	109-1	0.03	0.03	0.03	0.03	9.63	ppb
Silver	107-1	0.02	0.03	0.02	0.02	20.62	ppb
Sodium	23-2	66301.72	65565.53	66644.04	66170.43	0.83	ppb
Strontium	86-1	139.52	140.32	139.24	139.69	0.40	ppb
Strontium	88-1	139.44	139.02	140.02	139.49	0.36	ppb
Sulfur	34-1	8606.39	8534.77	8402.48	8514.55	1.21	ppb
Terbium	159-1				84		%
Terbium	159-2				73		%
Thallium	203-1	0.02	0.02	0.02	0.02	16.88	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	11.46	ppb
Thorium	232-1	0.02	0.01	0.01	0.01	12.27	ppb
Tin	118-1	0.34	0.35	0.37	0.35	4.47	ppb
Titanium	47-1	0.89	1.05	1.16	1.03	13.50	ppb
Uranium	238-1	0.27	0.27	0.26	0.26	2.05	ppb
Vanadium	51-2	1.29	1.18	1.31	1.26	5.48	ppb
Yttrium	89-1				71		%
Yttrium	89-2				61		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08DUP	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:08:16	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.63	7.67	7.83	7.71	1.41	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	24.85	ppb
Zirconium	91-1	0.02	0.02	0.04	0.03	48.66	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08LX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:11:53 DataFile Name : 105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.27	0.15	0.17	55.70	ppb
Antimony	121-1	0.21	0.22	0.21	0.22	2.94	ppb
Arsenic	75-2	0.22	0.18	0.17	0.19	14.77	ppb
Barium	135-1	36.35	38.27	37.07	37.23	2.60	ppb
Barium	137-1	36.28	37.93	37.28	37.17	2.24	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	14.41	ppb
Bismuth	209-1				84		%
Bismuth	209-2				75		%
Boron	10-1	16.45	17.07	16.87	16.80	1.90	ppb
Boron	11-1	16.51	17.35	16.33	16.73	3.26	ppb
Cadmium	111-1	-0.10	-0.15	-0.19	-0.15		ppb
Cadmium	106-1	-1.41	-2.09	-2.49	-2.00		ppb
Cadmium	108-1	0.04	0.02	0.01	0.02	67.37	ppb
Calcium	43-1	18225.22	19000.72	18320.10	18515.34	2.28	ppb
Calcium	44-1	17841.58	18858.28	18306.30	18335.39	2.78	ppb
Chromium	52-2	415.72	403.94	382.55	400.74	4.20	ppb
Cobalt	59-2	0.03	0.02	0.01	0.02	28.98	ppb
Copper	63-2	1.78	1.79	1.69	1.75	3.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				79		%
Indium	115-1				77		%
Indium	115-2				68		%
Iron	56-2	1.69	1.69	1.55	1.64	4.98	ppb
Iron	57-2	36.70	37.08	33.13	35.64	6.11	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.01	-0.02	-0.02		ppb
Lead	207-1	-0.02	-0.02	-0.03	-0.03		ppb
Lead	208-1	-0.02	-0.02	-0.03	-0.02		ppb
Lithium	6-1				59		%
Magnesium	24-2	4022.87	3922.93	3741.62	3895.81	3.66	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08LX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 21:11:53	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.18	0.13	0.14	0.15	17.57	ppb
Molybdenum	94-1	0.09	0.09	0.11	0.10	10.67	ppb
Molybdenum	95-1	0.11	0.13	0.10	0.12	12.67	ppb
Molybdenum	96-1	0.13	0.11	0.13	0.12	6.40	ppb
Molybdenum	97-1	0.14	0.15	0.14	0.14	4.63	ppb
Molybdenum	98-1	0.12	0.12	0.14	0.13	10.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.57	0.53	0.57	0.56	3.86	ppb
Phosphorus	31-2	-28.90	-30.17	-32.43	-30.50		ppb
Potassium	39-2	310.34	307.44	285.72	301.17	4.47	ppb
Rhodium	103-1				73		%
Rhodium	103-2				67		%
Scandium	45-1				63		%
Scandium	45-2				54		%
Selenium	77-2	1.26	1.24	0.79	1.09	24.44	ppb
Selenium	78-2	0.60	0.57	-0.24	0.31	151.86	ppb
Selenium	82-1	0.36	0.48	0.47	0.44	15.47	ppb
Silicon	28-1	1103.11	1152.56	1131.79	1129.15	2.20	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.56	ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.31	ppb
Sodium	23-2	13611.91	13303.71	12619.30	13178.31	3.86	ppb
Strontium	86-1	27.28	28.96	27.85	28.03	3.04	ppb
Strontium	88-1	27.52	28.86	28.13	28.17	2.38	ppb
Sulfur	34-1	1465.65	1737.05	1563.55	1588.75	8.65	ppb
Terbium	159-1				86		%
Terbium	159-2				77		%
Thallium	203-1	0.00	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Thorium	232-1	0.01	0.01	0.00	0.00	18.91	ppb
Tin	118-1	0.04	0.05	0.05	0.05	11.82	ppb
Titanium	47-1	0.20	0.17	0.20	0.19	9.93	ppb
Uranium	238-1	0.05	0.06	0.05	0.05	7.53	ppb
Vanadium	51-2	0.30	0.34	0.31	0.31	7.17	ppb
Yttrium	89-1				72		%
Yttrium	89-2				64		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08LX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 21:11:53	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.13	2.14	2.02	2.10	3.27	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	17.52	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	28.74	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08MS	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:15:29	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8806.07	8943.24	8959.23	8902.85	0.95	ppb
Antimony	121-1	454.39	441.59	443.24	446.41	1.56	ppb
Arsenic	75-2	455.36	450.88	448.83	451.69	0.74	ppb
Barium	135-1	2547.05	2485.67	2488.60	2507.11	1.38	ppb
Barium	137-1	2542.82	2501.78	2499.82	2514.81	0.97	ppb
Beryllium	9-1	463.46	454.91	451.60	456.66	1.34	ppb
Bismuth	209-1				73		%
Bismuth	209-2				63		%
Boron	10-1	490.77	497.95	500.27	496.33	1.00	ppb
Boron	11-1	497.51	501.87	502.24	500.54	0.53	ppb
Cadmium	111-1	440.25	429.98	433.33	434.52	1.20	ppb
Cadmium	106-1	427.79	418.33	420.48	422.20	1.17	ppb
Cadmium	108-1	435.83	424.80	422.33	427.65	1.68	ppb
Calcium	43-1	140392.38	138514.37	139836.97	139581.24	0.69	ppb
Calcium	44-1	141256.88	138167.16	140295.15	139906.40	1.13	ppb
Chromium	52-2	2481.72	2477.54	2479.46	2479.57	0.08	ppb
Cobalt	59-2	535.04	537.16	533.43	535.21	0.35	ppb
Copper	63-2	1120.23	1135.19	1130.14	1128.52	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				82		%
Holmium	165-2				73		%
Indium	115-1				68		%
Indium	115-2				60		%
Iron	56-2	27677.51	27813.24	27593.69	27694.81	0.40	ppb
Iron	57-2	27719.54	27920.51	27725.71	27788.58	0.41	ppb
Krypton	83-1						cps
Lead	206-1	518.21	509.76	512.83	513.60	0.83	ppb
Lead	207-1	497.60	486.14	487.27	490.34	1.29	ppb
Lead	208-1	507.91	495.57	499.49	500.99	1.26	ppb
Lithium	6-1				55		%
Magnesium	24-2	66225.15	67061.68	66960.77	66749.20	0.68	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08MS Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:15:29 DataFile Name : 106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1062.76	1068.49	1065.71	1065.65	0.27	ppb
Molybdenum	94-1	2565.23	2486.56	2520.05	2523.94	1.56	ppb
Molybdenum	95-1	2565.79	2489.11	2514.49	2523.13	1.55	ppb
Molybdenum	96-1	2545.23	2497.91	2526.16	2523.10	0.94	ppb
Molybdenum	97-1	2571.39	2487.36	2528.18	2528.98	1.66	ppb
Molybdenum	98-1	2560.02	2505.45	2527.18	2530.88	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	541.02	548.18	547.75	545.65	0.74	ppb
Phosphorus	31-2	-15.21	-13.22	-28.31	-18.91		ppb
Potassium	39-2	23797.09	23886.70	24062.81	23915.53	0.57	ppb
Rhodium	103-1				64		%
Rhodium	103-2				58		%
Scandium	45-1				58		%
Scandium	45-2				50		%
Selenium	77-2	453.41	432.77	432.20	439.46	2.75	ppb
Selenium	78-2	443.50	441.14	448.14	444.26	0.80	ppb
Selenium	82-1	481.30	469.17	471.80	474.09	1.35	ppb
Silicon	28-1	6080.36	5962.64	6002.81	6015.27	0.99	ppb
Silver	109-1	433.22	427.43	433.75	431.47	0.81	ppb
Silver	107-1	435.12	430.38	430.64	432.05	0.62	ppb
Sodium	23-2	111588.69	112470.60	112957.76	112339.02	0.62	ppb
Strontium	86-1	648.68	633.45	638.91	640.35	1.21	ppb
Strontium	88-1	644.86	632.01	629.20	635.36	1.31	ppb
Sulfur	34-1	8704.46	8323.57	8390.38	8472.80	2.40	ppb
Terbium	159-1				81		%
Terbium	159-2				71		%
Thallium	203-1	529.97	521.92	522.07	524.65	0.88	ppb
Thallium	205-1	526.69	518.92	523.11	522.91	0.74	ppb
Thorium	232-1	0.07	0.06	0.06	0.06	11.54	ppb
Tin	118-1	444.86	436.95	437.72	439.84	0.99	ppb
Titanium	47-1	2473.09	2389.64	2443.54	2435.42	1.74	ppb
Uranium	238-1	533.73	522.89	522.19	526.27	1.23	ppb
Vanadium	51-2	508.76	513.88	512.89	511.84	0.53	ppb
Yttrium	89-1				67		%
Yttrium	89-2				59		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08MS	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:15:29	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1077.70	1078.08	1072.75	1076.17	0.28	ppb
Zirconium	90-1	509.14	496.05	502.89	502.69	1.30	ppb
Zirconium	91-1	511.95	496.47	500.95	503.12	1.58	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08MSD	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:19:08	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8990.93	8919.77	8942.79	8951.16	0.41	ppb
Antimony	121-1	444.71	445.23	446.44	445.46	0.20	ppb
Arsenic	75-2	455.14	455.49	454.67	455.10	0.09	ppb
Barium	135-1	2510.64	2483.28	2498.52	2497.48	0.55	ppb
Barium	137-1	2523.35	2521.14	2504.93	2516.48	0.40	ppb
Beryllium	9-1	458.79	458.33	456.23	457.78	0.30	ppb
Bismuth	209-1				73		%
Bismuth	209-2				63		%
Boron	10-1	494.45	502.46	509.42	502.11	1.49	ppb
Boron	11-1	505.38	513.56	514.68	511.21	0.99	ppb
Cadmium	111-1	433.63	432.50	432.55	432.90	0.15	ppb
Cadmium	106-1	421.63	423.74	417.08	420.81	0.81	ppb
Cadmium	108-1	426.13	418.10	423.41	422.55	0.97	ppb
Calcium	43-1	139724.66	137962.01	138352.91	138679.86	0.67	ppb
Calcium	44-1	139758.20	138810.10	139097.10	139221.80	0.35	ppb
Chromium	52-2	2499.40	2484.64	2476.01	2486.68	0.48	ppb
Cobalt	59-2	543.70	539.94	540.66	541.43	0.37	ppb
Copper	63-2	1139.27	1136.36	1135.10	1136.91	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				73		%
Indium	115-1				69		%
Indium	115-2				60		%
Iron	56-2	28111.16	27787.82	27970.44	27956.47	0.58	ppb
Iron	57-2	28152.95	27908.26	28057.64	28039.62	0.44	ppb
Krypton	83-1						cps
Lead	206-1	510.12	514.59	510.87	511.86	0.47	ppb
Lead	207-1	490.90	492.43	491.11	491.48	0.17	ppb
Lead	208-1	499.49	503.55	500.96	501.34	0.41	ppb
Lithium	6-1				55		%
Magnesium	24-2	67909.35	67296.14	67264.10	67489.86	0.54	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08MSD Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:19:08 DataFile Name : 107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1078.05	1071.37	1077.17	1075.53	0.34	ppb
Molybdenum	94-1	2527.65	2512.75	2530.86	2523.76	0.38	ppb
Molybdenum	95-1	2513.85	2515.25	2528.86	2519.32	0.33	ppb
Molybdenum	96-1	2510.78	2507.21	2544.60	2520.87	0.82	ppb
Molybdenum	97-1	2538.11	2522.63	2523.37	2528.04	0.35	ppb
Molybdenum	98-1	2530.33	2532.87	2545.74	2536.31	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	552.68	551.65	554.54	552.95	0.27	ppb
Phosphorus	31-2	-18.96	-17.33	-17.21	-17.83		ppb
Potassium	39-2	24017.22	23848.58	23842.81	23902.87	0.41	ppb
Rhodium	103-1				64		%
Rhodium	103-2				58		%
Scandium	45-1				58		%
Scandium	45-2				50		%
Selenium	77-2	438.40	437.12	447.31	440.94	1.26	ppb
Selenium	78-2	439.39	443.42	448.75	443.85	1.06	ppb
Selenium	82-1	474.53	471.07	471.01	472.20	0.43	ppb
Silicon	28-1	5966.91	5964.09	5978.80	5969.93	0.13	ppb
Silver	109-1	432.82	427.83	432.12	430.92	0.63	ppb
Silver	107-1	433.91	431.97	429.23	431.70	0.54	ppb
Sodium	23-2	113542.17	112697.80	112777.24	113005.74	0.41	ppb
Strontium	86-1	642.91	639.81	641.99	641.57	0.25	ppb
Strontium	88-1	636.59	638.29	638.65	637.85	0.17	ppb
Sulfur	34-1	8258.21	8093.57	8063.56	8138.45	1.29	ppb
Terbium	159-1				82		%
Terbium	159-2				71		%
Thallium	203-1	520.82	525.36	523.06	523.08	0.43	ppb
Thallium	205-1	516.41	524.69	523.31	521.47	0.85	ppb
Thorium	232-1	0.04	0.03	0.03	0.04	13.55	ppb
Tin	118-1	439.34	437.75	443.28	440.12	0.65	ppb
Titanium	47-1	2442.72	2432.11	2447.40	2440.74	0.32	ppb
Uranium	238-1	529.02	532.22	529.59	530.28	0.32	ppb
Vanadium	51-2	521.16	518.16	514.48	517.93	0.65	ppb
Yttrium	89-1				67		%
Yttrium	89-2				59		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08MSD	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:19:08	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1081.06	1077.17	1083.57	1080.60	0.30	ppb
Zirconium	90-1	504.86	504.06	503.19	504.03	0.17	ppb
Zirconium	91-1	506.94	502.45	503.01	504.13	0.49	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:23:14	DataFile Name :	108CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49132.06	49383.02	48628.55	49047.88	0.78	ppb
Antimony	121-1	442.46	449.39	447.50	446.45	0.80	ppb
Arsenic	75-2	452.25	451.87	452.13	452.08	0.04	ppb
Barium	135-1	2360.83	2401.01	2386.23	2382.69	0.85	ppb
Barium	137-1	2353.96	2410.37	2382.80	2382.37	1.18	ppb
Beryllium	9-1	478.19	476.78	475.92	476.96	0.24	ppb
Bismuth	209-1				73		%
Bismuth	209-2				65		%
Boron	10-1	475.82	482.16	478.56	478.85	0.66	ppb
Boron	11-1	479.79	483.70	483.36	482.28	0.45	ppb
Cadmium	111-1	439.78	442.29	438.44	440.17	0.44	ppb
Cadmium	106-1	439.29	439.56	437.25	438.70	0.29	ppb
Cadmium	108-1	434.03	438.74	440.72	437.83	0.78	ppb
Calcium	43-1	241202.00	241884.06	238557.19	240547.75	0.73	ppb
Calcium	44-1	241239.38	242025.51	240090.31	241118.40	0.40	ppb
Chromium	52-2	525.16	522.42	515.20	520.93	0.99	ppb
Cobalt	59-2	519.23	521.07	514.96	518.42	0.60	ppb
Copper	63-2	1025.07	1025.50	1007.24	1019.27	1.02	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				86		%
Holmium	165-2				79		%
Indium	115-1				73		%
Indium	115-2				67		%
Iron	56-2	132987.20	133356.97	130812.79	132385.65	1.04	ppb
Iron	57-2	133363.09	133680.58	131757.98	132933.89	0.78	ppb
Krypton	83-1						cps
Lead	206-1	525.99	520.34	526.25	524.19	0.64	ppb
Lead	207-1	516.94	512.96	516.47	515.46	0.42	ppb
Lead	208-1	520.64	516.64	519.10	518.79	0.39	ppb
Lithium	6-1				59		%
Magnesium	24-2	242312.98	243331.57	238209.67	241284.74	1.12	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:23:14	DataFile Name :	108CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.75	1022.85	1006.76	1014.79	0.79	ppb
Molybdenum	94-1	2525.76	2525.14	2507.51	2519.47	0.41	ppb
Molybdenum	95-1	2532.22	2512.08	2509.14	2517.81	0.50	ppb
Molybdenum	96-1	2522.99	2521.80	2516.74	2520.51	0.13	ppb
Molybdenum	97-1	2546.80	2528.84	2508.94	2528.19	0.75	ppb
Molybdenum	98-1	2541.83	2543.39	2505.43	2530.22	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.12	520.22	512.13	517.49	0.90	ppb
Phosphorus	31-2	9002.92	9259.08	8837.60	9033.20	2.35	ppb
Potassium	39-2	114860.48	115165.72	113451.06	114492.42	0.80	ppb
Rhodium	103-1				66		%
Rhodium	103-2				62		%
Scandium	45-1				65		%
Scandium	45-2				60		%
Selenium	77-2	422.16	450.78	465.97	446.30	4.98	ppb
Selenium	78-2	433.96	443.02	436.48	437.82	1.07	ppb
Selenium	82-1	456.69	449.25	448.48	451.47	1.00	ppb
Silicon	28-1	452.58	454.92	455.01	454.17	0.30	ppb
Silver	109-1	454.13	457.98	457.90	456.67	0.48	ppb
Silver	107-1	450.38	454.55	456.91	453.95	0.73	ppb
Sodium	23-2	232511.10	234565.47	231063.01	232713.19	0.76	ppb
Strontium	86-1	508.59	508.51	501.09	506.06	0.85	ppb
Strontium	88-1	502.56	500.64	497.76	500.32	0.48	ppb
Sulfur	34-1	9459.27	9397.97	9360.81	9406.02	0.53	ppb
Terbium	159-1				85		%
Terbium	159-2				77		%
Thallium	203-1	536.42	527.28	534.57	532.76	0.91	ppb
Thallium	205-1	534.83	528.18	535.50	532.84	0.76	ppb
Thorium	232-1	555.37	553.33	555.12	554.61	0.20	ppb
Tin	118-1	456.35	462.39	459.77	459.50	0.66	ppb
Titanium	47-1	2475.36	2479.01	2473.63	2476.00	0.11	ppb
Uranium	238-1	552.01	547.65	551.67	550.44	0.44	ppb
Vanadium	51-2	520.36	520.07	512.49	517.64	0.86	ppb
Yttrium	89-1				72		%
Yttrium	89-2				67		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:23:14	DataFile Name :	108CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	976.71	982.67	966.64	975.34	0.83	ppb
Zirconium	90-1	503.89	502.75	499.06	501.90	0.50	ppb
Zirconium	91-1	505.30	502.99	493.06	500.45	1.30	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:28:06	DataFile Name :	109CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.73	2.38	1.48	1.86	24.86	ppb
Antimony	121-1	0.13	0.12	0.11	0.12	8.26	ppb
Arsenic	75-2	0.07	0.05	0.05	0.06	21.40	ppb
Barium	135-1	0.18	0.19	0.18	0.19	3.04	ppb
Barium	137-1	0.18	0.14	0.16	0.16	14.85	ppb
Beryllium	9-1	0.09	0.07	0.08	0.08	9.61	ppb
Bismuth	209-1				86		%
Bismuth	209-2				79		%
Boron	10-1	12.21	11.27	10.26	11.25	8.64	ppb
Boron	11-1	11.83	11.20	10.94	11.32	4.03	ppb
Cadmium	111-1	-0.11	-0.09	-0.06	-0.09		ppb
Cadmium	106-1	-2.02	-1.91	-1.36	-1.76		ppb
Cadmium	108-1	0.05	0.08	0.08	0.07	24.30	ppb
Calcium	43-1	13.32	14.44	13.75	13.84	4.10	ppb
Calcium	44-1	14.45	14.72	14.02	14.40	2.47	ppb
Chromium	52-2	1.33	1.37	1.33	1.34	1.65	ppb
Cobalt	59-2	0.03	0.02	0.03	0.03	18.26	ppb
Copper	63-2	0.59	0.57	0.59	0.59	1.82	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				88		%
Holmium	165-2				82		%
Indium	115-1				80		%
Indium	115-2				73		%
Iron	56-2	5.87	6.15	6.22	6.08	3.09	ppb
Iron	57-2	5.74	5.66	6.04	5.81	3.50	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	4.30	ppb
Lead	207-1	0.01	0.02	0.03	0.02	45.51	ppb
Lead	208-1	0.02	0.02	0.02	0.02	9.87	ppb
Lithium	6-1				62		%
Magnesium	24-2	10.09	11.53	11.84	11.15	8.38	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB72 Instrumnet Name : P7
 Client Sample ID : CCB72 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:28:06 DataFile Name : 109CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.10	0.12	0.10	0.10	12.28	ppb
Molybdenum	94-1	0.36	0.31	0.31	0.33	8.21	ppb
Molybdenum	95-1	0.35	0.32	0.32	0.33	6.75	ppb
Molybdenum	96-1	0.37	0.35	0.32	0.35	7.22	ppb
Molybdenum	97-1	0.37	0.34	0.31	0.34	9.79	ppb
Molybdenum	98-1	0.36	0.37	0.33	0.35	6.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.03	0.03	19.40	ppb
Phosphorus	31-2	-30.17	-28.60	-36.25	-31.67		ppb
Potassium	39-2	6.48	6.44	5.26	6.06	11.45	ppb
Rhodium	103-1				77		%
Rhodium	103-2				73		%
Scandium	45-1				67		%
Scandium	45-2				59		%
Selenium	77-2	0.39	0.19	0.19	0.26	44.34	ppb
Selenium	78-2	-0.25	-0.17	-0.20	-0.21		ppb
Selenium	82-1	-0.11	-0.11	-0.05	-0.09		ppb
Silicon	28-1	-0.44	-0.26	-1.02	-0.58		ppb
Silver	109-1	0.09	0.11	0.09	0.10	7.66	ppb
Silver	107-1	0.09	0.10	0.09	0.10	6.61	ppb
Sodium	23-2	38.39	38.78	36.47	37.88	3.27	ppb
Strontium	86-1	0.04	0.03	0.04	0.04	26.34	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	6.15	ppb
Sulfur	34-1	-343.74	-329.19	-392.26	-355.06		ppb
Terbium	159-1				87		%
Terbium	159-2				80		%
Thallium	203-1	0.11	0.10	0.11	0.10	7.66	ppb
Thallium	205-1	0.12	0.11	0.10	0.11	6.78	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	10.29	ppb
Tin	118-1	0.08	0.06	0.06	0.07	13.83	ppb
Titanium	47-1	0.18	0.20	0.19	0.19	3.86	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	1.28	ppb
Vanadium	51-2	0.05	0.04	0.04	0.04	14.59	ppb
Yttrium	89-1				76		%
Yttrium	89-2				68		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:28:06	DataFile Name :	109CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.49	0.49	0.51	0.49	2.16	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	4.84	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	8.57	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08A Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:31:43 DataFile Name : 110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9001.96	8993.45	8928.29	8974.57	0.45	ppb
Antimony	121-1	451.70	454.04	449.63	451.79	0.49	ppb
Arsenic	75-2	454.32	456.48	454.15	454.98	0.29	ppb
Barium	135-1	2525.30	2552.60	2523.17	2533.69	0.65	ppb
Barium	137-1	2552.42	2550.94	2525.97	2543.11	0.58	ppb
Beryllium	9-1	461.72	457.18	453.95	457.62	0.85	ppb
Bismuth	209-1				73		%
Bismuth	209-2				64		%
Boron	10-1	489.54	495.21	500.46	495.07	1.10	ppb
Boron	11-1	498.54	501.39	506.25	502.06	0.78	ppb
Cadmium	111-1	440.73	440.53	437.01	439.42	0.48	ppb
Cadmium	106-1	433.73	435.67	426.86	432.09	1.07	ppb
Cadmium	108-1	429.03	431.30	426.96	429.10	0.51	ppb
Calcium	43-1	139312.46	139313.69	139678.81	139434.99	0.15	ppb
Calcium	44-1	140197.02	140200.75	139376.38	139924.71	0.34	ppb
Chromium	52-2	2466.91	2495.40	2476.03	2479.45	0.59	ppb
Cobalt	59-2	533.67	539.88	534.14	535.90	0.65	ppb
Copper	63-2	1123.56	1132.70	1122.62	1126.29	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				83		%
Holmium	165-2				74		%
Indium	115-1				70		%
Indium	115-2				61		%
Iron	56-2	27736.06	27631.95	27652.15	27673.39	0.20	ppb
Iron	57-2	27563.80	27754.33	27702.78	27673.63	0.36	ppb
Krypton	83-1						cps
Lead	206-1	506.10	512.98	510.89	509.99	0.69	ppb
Lead	207-1	483.60	488.24	491.94	487.93	0.86	ppb
Lead	208-1	496.18	499.93	500.11	498.74	0.44	ppb
Lithium	6-1				58		%
Magnesium	24-2	67318.52	67545.34	66960.67	67274.84	0.44	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08A Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:31:43 DataFile Name : 110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1058.91	1071.03	1069.26	1066.40	0.61	ppb
Molybdenum	94-1	2521.53	2524.17	2530.70	2525.47	0.19	ppb
Molybdenum	95-1	2505.51	2530.23	2520.42	2518.72	0.49	ppb
Molybdenum	96-1	2521.29	2527.89	2533.35	2527.51	0.24	ppb
Molybdenum	97-1	2526.23	2548.04	2549.63	2541.30	0.51	ppb
Molybdenum	98-1	2528.74	2535.45	2543.38	2535.86	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	543.28	549.02	547.46	546.59	0.54	ppb
Phosphorus	31-2	-16.38	-8.70	-17.41	-14.17		ppb
Potassium	39-2	24260.01	24362.70	24086.11	24236.27	0.58	ppb
Rhodium	103-1				66		%
Rhodium	103-2				60		%
Scandium	45-1				61		%
Scandium	45-2				53		%
Selenium	77-2	444.54	433.19	428.54	435.42	1.89	ppb
Selenium	78-2	449.32	439.00	441.18	443.17	1.23	ppb
Selenium	82-1	475.42	476.11	470.18	473.90	0.68	ppb
Silicon	28-1	6070.73	6073.86	6041.64	6062.08	0.29	ppb
Silver	109-1	435.73	443.88	440.53	440.05	0.93	ppb
Silver	107-1	439.57	443.14	436.62	439.78	0.74	ppb
Sodium	23-2	112882.61	112730.83	112405.57	112673.00	0.22	ppb
Strontium	86-1	644.97	645.93	643.83	644.91	0.16	ppb
Strontium	88-1	638.74	637.44	639.68	638.62	0.18	ppb
Sulfur	34-1	8378.86	8233.63	8111.09	8241.20	1.63	ppb
Terbium	159-1				82		%
Terbium	159-2				72		%
Thallium	203-1	517.64	520.03	521.21	519.63	0.35	ppb
Thallium	205-1	511.58	520.90	523.10	518.52	1.18	ppb
Thorium	232-1	0.10	0.08	0.07	0.08	19.91	ppb
Tin	118-1	443.41	450.93	444.37	446.24	0.92	ppb
Titanium	47-1	2447.54	2454.38	2441.41	2447.78	0.27	ppb
Uranium	238-1	519.49	522.45	520.07	520.67	0.30	ppb
Vanadium	51-2	511.84	518.26	513.30	514.47	0.65	ppb
Yttrium	89-1				69		%
Yttrium	89-2				61		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08A	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:31:43	DataFile Name :	110SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1062.54	1071.91	1069.05	1067.84	0.45	ppb
Zirconium	90-1	502.88	504.52	503.77	503.73	0.16	ppb
Zirconium	91-1	505.44	503.16	503.62	504.07	0.24	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-06DLX100 Instrumnet Name : P7
 Client Sample ID : EPA-EX-2-OB-01092019 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 21:35:21 DataFile Name : 111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.93	9.42	9.82	9.39	4.73	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	27.99	ppb
Arsenic	75-2	0.04	0.04	0.08	0.05	43.83	ppb
Barium	135-1	0.29	0.29	0.25	0.28	7.99	ppb
Barium	137-1	0.29	0.29	0.26	0.28	7.53	ppb
Beryllium	9-1	0.07	0.07	0.05	0.06	17.59	ppb
Bismuth	209-1				89		%
Bismuth	209-2				79		%
Boron	10-1	18.93	18.91	17.46	18.43	4.59	ppb
Boron	11-1	20.29	19.03	18.22	19.18	5.45	ppb
Cadmium	111-1	-0.04	-0.01	-0.05	-0.03		ppb
Cadmium	106-1	-1.70	-1.31	-1.77	-1.60		ppb
Cadmium	108-1	0.12	0.10	0.11	0.11	7.66	ppb
Calcium	43-1	434.78	444.76	439.08	439.54	1.14	ppb
Calcium	44-1	430.31	431.14	431.29	430.91	0.12	ppb
Chromium	52-2	381.98	385.26	382.47	383.23	0.46	ppb
Cobalt	59-2	0.09	0.09	0.09	0.09	1.30	ppb
Copper	63-2	10.42	10.45	10.31	10.39	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				81		%
Indium	115-1				81		%
Indium	115-2				71		%
Iron	56-2	1.04	0.92	0.84	0.94	10.71	ppb
Iron	57-2	1.39	1.78	2.14	1.77	21.15	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.00	0.01	0.01	56.98	ppb
Lead	207-1	0.00	0.00	0.00	0.00	59.28	ppb
Lead	208-1	0.01	0.01	0.00	0.01	42.73	ppb
Lithium	6-1				60		%
Magnesium	24-2	75.66	74.05	74.92	74.88	1.08	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-06DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-2-OB-01092019	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 21:35:21	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.22	6.11	6.07	6.13	1.28	ppb
Molybdenum	94-1	0.33	0.29	0.27	0.29	10.82	ppb
Molybdenum	95-1	0.42	0.32	0.32	0.35	15.79	ppb
Molybdenum	96-1	0.39	0.35	0.31	0.35	12.59	ppb
Molybdenum	97-1	0.39	0.33	0.33	0.35	11.15	ppb
Molybdenum	98-1	0.42	0.34	0.29	0.35	18.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.86	0.83	0.82	4.39	ppb
Phosphorus	31-2	-32.49	-29.81	-30.62	-30.97		ppb
Potassium	39-2	35.86	34.06	35.22	35.05	2.60	ppb
Rhodium	103-1				78		%
Rhodium	103-2				71		%
Scandium	45-1				66		%
Scandium	45-2				57		%
Selenium	77-2	0.19	0.00	0.20	0.13	86.61	ppb
Selenium	78-2	-0.35	-0.31	-0.23	-0.30		ppb
Selenium	82-1	0.21	0.09	0.04	0.11	77.85	ppb
Silicon	28-1	195.48	192.37	192.11	193.32	0.97	ppb
Silver	109-1	0.03	0.03	0.02	0.03	18.15	ppb
Silver	107-1	0.03	0.02	0.02	0.02	8.58	ppb
Sodium	23-2	1420.07	1429.19	1427.72	1425.66	0.34	ppb
Strontium	86-1	0.49	0.56	0.49	0.51	8.12	ppb
Strontium	88-1	0.54	0.54	0.54	0.54	0.39	ppb
Sulfur	34-1	-431.28	-483.23	-482.00	-465.50		ppb
Terbium	159-1				90		%
Terbium	159-2				80		%
Thallium	203-1	0.11	0.09	0.08	0.09	15.92	ppb
Thallium	205-1	0.11	0.09	0.08	0.10	16.57	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	44.98	ppb
Tin	118-1	0.04	0.04	0.04	0.04	7.51	ppb
Titanium	47-1	0.17	0.16	0.12	0.15	19.89	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	27.61	ppb
Vanadium	51-2	0.03	0.03	0.03	0.03	13.05	ppb
Yttrium	89-1				76		%
Yttrium	89-2				67		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-06DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-2-OB-01092019	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 21:35:21	DataFile Name :	111SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.13	1.94	1.95	2.01	5.34	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	12.53	ppb
Zirconium	91-1	0.04	0.01	0.01	0.02	57.85	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:38:58 DataFile Name : 112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.28	0.33	0.41	0.34	19.28	ppb
Antimony	121-1	0.25	0.25	0.23	0.24	4.43	ppb
Arsenic	75-2	0.20	0.15	0.15	0.17	16.79	ppb
Barium	135-1	36.24	36.09	35.98	36.10	0.35	ppb
Barium	137-1	36.50	36.53	35.87	36.30	1.03	ppb
Beryllium	9-1	0.03	0.04	0.03	0.04	19.45	ppb
Bismuth	209-1				84		%
Bismuth	209-2				78		%
Boron	10-1	15.59	15.20	15.69	15.49	1.65	ppb
Boron	11-1	15.99	15.79	15.63	15.80	1.14	ppb
Cadmium	111-1	-0.08	-0.17	-0.15	-0.13		ppb
Cadmium	106-1	-1.52	-2.61	-2.22	-2.12		ppb
Cadmium	108-1	-0.02	0.02	0.07	0.02	215.57	ppb
Calcium	43-1	18023.14	17919.32	17813.49	17918.65	0.58	ppb
Calcium	44-1	17830.68	17750.20	17745.62	17775.50	0.27	ppb
Chromium	52-2	386.75	388.33	387.41	387.50	0.20	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	18.24	ppb
Copper	63-2	1.57	1.60	1.58	1.58	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				81		%
Indium	115-1				79		%
Indium	115-2				71		%
Iron	56-2	1.95	2.08	1.81	1.94	6.92	ppb
Iron	57-2	35.44	35.43	36.28	35.72	1.36	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.23	0.22	0.23	3.76	ppb
Lead	207-1	0.22	0.20	0.20	0.21	5.65	ppb
Lead	208-1	0.23	0.22	0.21	0.22	4.69	ppb
Lithium	6-1				59		%
Magnesium	24-2	3741.58	3733.97	3760.19	3745.25	0.36	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
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Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.15	0.13	0.16	0.15	10.41	ppb
Molybdenum	94-1	0.15	0.16	0.16	0.16	3.18	ppb
Molybdenum	95-1	0.22	0.21	0.22	0.22	1.91	ppb
Molybdenum	96-1	0.25	0.21	0.19	0.22	11.93	ppb
Molybdenum	97-1	0.21	0.17	0.20	0.20	12.24	ppb
Molybdenum	98-1	0.23	0.20	0.20	0.21	8.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.57	0.50	0.53	7.01	ppb
Phosphorus	31-2	-28.20	-24.63	-31.82	-28.22		ppb
Potassium	39-2	301.73	309.14	303.22	304.70	1.29	ppb
Rhodium	103-1				75		%
Rhodium	103-2				71		%
Scandium	45-1				65		%
Scandium	45-2				58		%
Selenium	77-2	1.35	0.77	0.96	1.03	28.67	ppb
Selenium	78-2	0.33	0.30	0.29	0.31	6.61	ppb
Selenium	82-1	0.45	0.24	0.45	0.38	32.44	ppb
Silicon	28-1	1103.22	1095.07	1092.65	1096.98	0.50	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.24	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.83	ppb
Sodium	23-2	12683.58	12692.19	12579.20	12651.66	0.50	ppb
Strontium	86-1	27.63	26.94	27.02	27.20	1.39	ppb
Strontium	88-1	27.53	27.17	27.21	27.30	0.72	ppb
Sulfur	34-1	1036.96	1038.39	999.66	1025.00	2.14	ppb
Terbium	159-1				87		%
Terbium	159-2				79		%
Thallium	203-1	0.07	0.06	0.05	0.06	12.86	ppb
Thallium	205-1	0.07	0.05	0.05	0.06	13.90	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	77.85	ppb
Tin	118-1	0.09	0.10	0.09	0.09	5.96	ppb
Titanium	47-1	0.22	0.16	0.16	0.18	19.45	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	1.64	ppb
Vanadium	51-2	0.28	0.28	0.25	0.27	7.63	ppb
Yttrium	89-1				75		%
Yttrium	89-2				68		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 21:38:58	DataFile Name :	112SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.20	2.14	2.07	2.13	3.11	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	36.49	ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	85.50	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08DUPDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:42:35 DataFile Name : 113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	0.38	0.70	0.51	32.11	ppb
Antimony	121-1	0.20	0.20	0.20	0.20	1.53	ppb
Arsenic	75-2	0.13	0.20	0.11	0.15	30.49	ppb
Barium	135-1	37.49	36.91	36.79	37.06	1.02	ppb
Barium	137-1	37.52	36.81	37.37	37.23	1.01	ppb
Beryllium	9-1	0.02	0.05	0.03	0.03	45.14	ppb
Bismuth	209-1				85		%
Bismuth	209-2				77		%
Boron	10-1	13.82	13.43	14.05	13.77	2.30	ppb
Boron	11-1	13.89	14.14	14.30	14.11	1.43	ppb
Cadmium	111-1	-0.10	-0.16	-0.14	-0.13		ppb
Cadmium	106-1	-1.59	-2.31	-2.16	-2.02		ppb
Cadmium	108-1	0.01	0.02	0.00	0.01	82.28	ppb
Calcium	43-1	18345.56	18408.90	18363.80	18372.75	0.18	ppb
Calcium	44-1	18225.24	18301.81	18247.52	18258.19	0.22	ppb
Chromium	52-2	398.56	399.63	398.70	398.97	0.15	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	11.72	ppb
Copper	63-2	1.52	1.55	1.57	1.55	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				81		%
Indium	115-1				80		%
Indium	115-2				71		%
Iron	56-2	5.68	5.66	5.47	5.60	2.02	ppb
Iron	57-2	39.05	39.77	37.98	38.93	2.32	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.01	-0.01		ppb
Lead	207-1	-0.01	-0.02	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				60		%
Magnesium	24-2	3854.20	3875.23	3821.19	3850.20	0.71	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08DUPDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:42:35 DataFile Name : 113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.17	0.15	0.15	0.16	9.66	ppb
Molybdenum	94-1	0.15	0.13	0.13	0.14	7.44	ppb
Molybdenum	95-1	0.17	0.15	0.13	0.15	13.72	ppb
Molybdenum	96-1	0.18	0.14	0.16	0.16	10.02	ppb
Molybdenum	97-1	0.18	0.18	0.18	0.18	0.27	ppb
Molybdenum	98-1	0.16	0.15	0.18	0.16	8.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.57	0.54	0.55	4.02	ppb
Phosphorus	31-2	-28.23	-28.21	-31.76	-29.40		ppb
Potassium	39-2	308.26	301.92	302.90	304.36	1.12	ppb
Rhodium	103-1				76		%
Rhodium	103-2				71		%
Scandium	45-1				66		%
Scandium	45-2				58		%
Selenium	77-2	0.39	1.16	0.78	0.78	50.18	ppb
Selenium	78-2	0.20	0.27	0.11	0.19	42.35	ppb
Selenium	82-1	0.32	0.34	0.41	0.36	13.81	ppb
Silicon	28-1	1126.06	1123.19	1123.01	1124.08	0.15	ppb
Silver	109-1	0.01	0.02	0.02	0.02	21.83	ppb
Silver	107-1	0.02	0.02	0.02	0.02	9.22	ppb
Sodium	23-2	13140.02	13093.90	12996.77	13076.89	0.56	ppb
Strontium	86-1	27.40	27.81	27.62	27.61	0.73	ppb
Strontium	88-1	27.72	27.98	27.76	27.82	0.52	ppb
Sulfur	34-1	1181.55	1104.21	1119.36	1135.04	3.61	ppb
Terbium	159-1				88		%
Terbium	159-2				80		%
Thallium	203-1	0.02	0.01	0.03	0.02	35.72	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	13.46	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.08	0.09	0.09	0.09	3.06	ppb
Titanium	47-1	0.21	0.18	0.22	0.20	11.01	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	2.64	ppb
Vanadium	51-2	0.30	0.31	0.29	0.30	3.80	ppb
Yttrium	89-1				76		%
Yttrium	89-2				68		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 21:42:35	DataFile Name :	113SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.16	2.02	1.95	2.04	5.21	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	32.20	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	257.71	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08LDLX25	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 21:46:12	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.19	0.27	0.18	48.54	ppb
Antimony	121-1	0.02	0.01	0.01	0.01	32.62	ppb
Arsenic	75-2	0.03	0.03	0.04	0.03	20.95	ppb
Barium	135-1	7.44	7.22	7.16	7.28	2.00	ppb
Barium	137-1	7.11	7.22	7.20	7.18	0.78	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	5.65	ppb
Bismuth	209-1				87		%
Bismuth	209-2				79		%
Boron	10-1	6.43	6.25	5.86	6.18	4.74	ppb
Boron	11-1	6.30	5.99	6.16	6.15	2.52	ppb
Cadmium	111-1	-0.17	-0.17	-0.11	-0.15		ppb
Cadmium	106-1	-2.28	-2.39	-1.51	-2.06		ppb
Cadmium	108-1	0.03	-0.01	0.04	0.02	112.58	ppb
Calcium	43-1	3534.54	3492.35	3602.36	3543.09	1.57	ppb
Calcium	44-1	3551.72	3560.70	3565.28	3559.23	0.19	ppb
Chromium	52-2	78.18	79.26	77.46	78.30	1.16	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.74	0.70	0.73	0.72	2.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				82		%
Indium	115-1				81		%
Indium	115-2				72		%
Iron	56-2	0.48	0.35	0.30	0.37	24.79	ppb
Iron	57-2	7.18	7.07	7.98	7.41	6.67	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.07	0.08	13.98	ppb
Lead	207-1	0.07	0.07	0.07	0.07	1.61	ppb
Lead	208-1	0.08	0.08	0.08	0.08	3.39	ppb
Lithium	6-1				60		%
Magnesium	24-2	751.26	749.80	744.55	748.53	0.47	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08LDLX25 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-17 21:46:12 DataFile Name : 114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.03	0.06	0.04	35.28	ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	10.75	ppb
Molybdenum	95-1	0.03	0.04	0.05	0.04	24.30	ppb
Molybdenum	96-1	0.05	0.04	0.04	0.04	12.08	ppb
Molybdenum	97-1	0.05	0.03	0.02	0.04	42.35	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	12.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.11	0.08	0.10	14.70	ppb
Phosphorus	31-2	-30.04	-34.39	-35.31	-33.25		ppb
Potassium	39-2	54.70	55.05	57.24	55.66	2.47	ppb
Rhodium	103-1				77		%
Rhodium	103-2				72		%
Scandium	45-1				66		%
Scandium	45-2				58		%
Selenium	77-2	0.19	0.38	0.19	0.26	43.61	ppb
Selenium	78-2	0.19	-0.16	-0.13	-0.04		ppb
Selenium	82-1	0.10	0.09	0.10	0.10	3.61	ppb
Silicon	28-1	252.38	254.65	253.68	253.57	0.45	ppb
Silver	109-1	0.01	0.01	0.00	0.01	42.21	ppb
Silver	107-1	0.00	0.00	0.01	0.01	35.97	ppb
Sodium	23-2	2549.92	2548.74	2525.67	2541.44	0.54	ppb
Strontium	86-1	5.25	5.37	5.29	5.30	1.16	ppb
Strontium	88-1	5.41	5.33	5.35	5.36	0.83	ppb
Sulfur	34-1	-107.98	-165.28	-109.09	-127.45		ppb
Terbium	159-1				88		%
Terbium	159-2				80		%
Thallium	203-1	0.00	0.01	0.00	0.00	49.08	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.03	0.01	0.02	0.02	55.78	ppb
Titanium	47-1	0.08	0.08	0.03	0.06	43.30	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.70	ppb
Vanadium	51-2	0.08	0.08	0.08	0.08	3.80	ppb
Yttrium	89-1				76		%
Yttrium	89-2				68		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08LDLX25	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 21:46:12	DataFile Name :	114SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.83	0.85	0.83	0.83	1.66	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	497.53	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	7.47	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08MSDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:49:48 DataFile Name : 115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1802.98	1808.68	1795.77	1802.48	0.36	ppb
Antimony	121-1	95.13	93.61	92.87	93.87	1.22	ppb
Arsenic	75-2	94.06	92.73	91.76	92.85	1.24	ppb
Barium	135-1	518.38	514.04	511.26	514.56	0.70	ppb
Barium	137-1	527.40	514.83	514.69	518.97	1.41	ppb
Beryllium	9-1	97.55	97.50	97.09	97.38	0.26	ppb
Bismuth	209-1				82		%
Bismuth	209-2				74		%
Boron	10-1	104.28	103.06	106.82	104.72	1.83	ppb
Boron	11-1	103.06	104.24	105.46	104.25	1.15	ppb
Cadmium	111-1	93.94	93.09	93.25	93.43	0.48	ppb
Cadmium	106-1	89.80	88.00	88.07	88.63	1.15	ppb
Cadmium	108-1	92.88	92.46	89.27	91.54	2.16	ppb
Calcium	43-1	28040.00	28235.43	28196.77	28157.40	0.37	ppb
Calcium	44-1	27820.31	27695.41	27854.98	27790.23	0.30	ppb
Chromium	52-2	499.81	496.99	499.55	498.78	0.31	ppb
Cobalt	59-2	108.47	107.71	108.38	108.19	0.39	ppb
Copper	63-2	232.91	231.01	231.06	231.66	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				80		%
Indium	115-1				77		%
Indium	115-2				69		%
Iron	56-2	5613.23	5602.67	5610.42	5608.77	0.10	ppb
Iron	57-2	5595.47	5557.83	5643.93	5599.07	0.77	ppb
Krypton	83-1						cps
Lead	206-1	98.49	99.17	98.55	98.74	0.38	ppb
Lead	207-1	94.48	95.24	94.61	94.78	0.43	ppb
Lead	208-1	96.31	97.31	97.16	96.93	0.56	ppb
Lithium	6-1				58		%
Magnesium	24-2	13527.42	13369.36	13424.72	13440.50	0.60	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08MSDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:49:48 DataFile Name : 115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	215.58	214.68	214.75	215.00	0.23	ppb
Molybdenum	94-1	500.20	504.19	500.88	501.76	0.43	ppb
Molybdenum	95-1	500.67	501.99	500.77	501.14	0.15	ppb
Molybdenum	96-1	500.37	503.87	502.24	502.16	0.35	ppb
Molybdenum	97-1	501.82	503.77	501.09	502.23	0.28	ppb
Molybdenum	98-1	489.86	497.68	493.78	493.77	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.86	112.75	112.80	112.80	0.05	ppb
Phosphorus	31-2	-30.45	-28.80	-30.47	-29.91		ppb
Potassium	39-2	4786.78	4823.75	4816.49	4809.01	0.41	ppb
Rhodium	103-1				73		%
Rhodium	103-2				67		%
Scandium	45-1				64		%
Scandium	45-2				56		%
Selenium	77-2	93.84	89.47	90.77	91.36	2.46	ppb
Selenium	78-2	98.59	94.97	97.10	96.88	1.88	ppb
Selenium	82-1	101.17	101.56	100.45	101.06	0.56	ppb
Silicon	28-1	1200.98	1198.39	1201.54	1200.30	0.14	ppb
Silver	109-1	94.64	93.22	92.74	93.53	1.05	ppb
Silver	107-1	94.21	92.99	91.80	93.00	1.30	ppb
Sodium	23-2	22269.02	21995.43	22345.46	22203.30	0.83	ppb
Strontium	86-1	126.76	127.36	126.25	126.79	0.44	ppb
Strontium	88-1	125.71	125.38	125.51	125.53	0.13	ppb
Sulfur	34-1	1280.86	1230.63	1189.86	1233.79	3.69	ppb
Terbium	159-1				86		%
Terbium	159-2				77		%
Thallium	203-1	100.63	100.78	99.79	100.40	0.53	ppb
Thallium	205-1	101.11	101.29	100.04	100.82	0.67	ppb
Thorium	232-1	0.01	0.00	0.00	0.00	9.04	ppb
Tin	118-1	93.27	91.74	91.85	92.29	0.92	ppb
Titanium	47-1	489.92	485.90	489.20	488.34	0.44	ppb
Uranium	238-1	94.78	96.09	95.62	95.50	0.69	ppb
Vanadium	51-2	102.19	100.78	101.29	101.42	0.71	ppb
Yttrium	89-1				73		%
Yttrium	89-2				65		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08MSDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 21:49:48	DataFile Name :	115SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	238.50	236.44	237.95	237.63	0.45	ppb
Zirconium	90-1	99.74	99.77	99.18	99.56	0.33	ppb
Zirconium	91-1	99.13	98.81	98.29	98.74	0.43	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08MSDDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:53:25 DataFile Name : 116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1811.88	1844.93	1861.83	1839.54	1.38	ppb
Antimony	121-1	92.82	101.73	96.66	97.07	4.60	ppb
Arsenic	75-2	95.88	95.89	94.87	95.55	0.62	ppb
Barium	135-1	509.06	555.43	526.80	530.43	4.41	ppb
Barium	137-1	517.62	562.29	536.95	538.95	4.16	ppb
Beryllium	9-1	98.36	104.05	99.51	100.64	2.99	ppb
Bismuth	209-1				81		%
Bismuth	209-2				74		%
Boron	10-1	104.29	111.23	109.51	108.34	3.34	ppb
Boron	11-1	103.96	111.31	108.60	107.96	3.44	ppb
Cadmium	111-1	93.26	101.09	95.58	96.64	4.16	ppb
Cadmium	106-1	87.82	96.24	91.77	91.94	4.58	ppb
Cadmium	108-1	91.30	98.47	95.69	95.15	3.80	ppb
Calcium	43-1	28015.35	30398.62	29009.69	29141.22	4.11	ppb
Calcium	44-1	27496.17	29938.89	28614.66	28683.24	4.26	ppb
Chromium	52-2	502.10	506.13	511.10	506.44	0.89	ppb
Cobalt	59-2	109.49	110.76	111.54	110.60	0.93	ppb
Copper	63-2	233.80	238.43	237.58	236.60	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				79		%
Indium	115-1				75		%
Indium	115-2				68		%
Iron	56-2	5665.63	5741.60	5783.50	5730.24	1.04	ppb
Iron	57-2	5670.77	5701.68	5807.59	5726.68	1.25	ppb
Krypton	83-1						cps
Lead	206-1	98.84	106.76	101.26	102.29	3.97	ppb
Lead	207-1	93.42	101.95	96.09	97.15	4.49	ppb
Lead	208-1	95.95	104.63	98.89	99.82	4.42	ppb
Lithium	6-1				57		%
Magnesium	24-2	13592.82	13786.54	13787.69	13722.35	0.82	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08MSDDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:53:25 DataFile Name : 116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	218.80	218.69	222.04	219.84	0.87	ppb
Molybdenum	94-1	497.28	543.47	521.89	520.88	4.44	ppb
Molybdenum	95-1	496.62	539.65	515.48	517.25	4.17	ppb
Molybdenum	96-1	494.34	539.20	521.12	518.22	4.36	ppb
Molybdenum	97-1	500.46	543.80	522.02	522.10	4.15	ppb
Molybdenum	98-1	490.20	537.20	514.38	513.93	4.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.94	115.38	116.73	115.68	0.80	ppb
Phosphorus	31-2	-31.39	-28.51	-30.30	-30.06		ppb
Potassium	39-2	4870.54	4896.31	4930.28	4899.04	0.61	ppb
Rhodium	103-1				71		%
Rhodium	103-2				67		%
Scandium	45-1				62		%
Scandium	45-2				55		%
Selenium	77-2	100.57	99.56	100.35	100.16	0.53	ppb
Selenium	78-2	96.04	96.61	100.43	97.69	2.44	ppb
Selenium	82-1	100.73	109.36	104.07	104.72	4.16	ppb
Silicon	28-1	1183.84	1288.21	1235.97	1236.01	4.22	ppb
Silver	109-1	92.42	100.49	95.59	96.17	4.23	ppb
Silver	107-1	92.40	99.26	95.74	95.80	3.58	ppb
Sodium	23-2	22411.96	22694.57	22769.23	22625.25	0.83	ppb
Strontium	86-1	125.97	138.86	131.64	132.16	4.89	ppb
Strontium	88-1	124.36	136.32	130.20	130.29	4.59	ppb
Sulfur	34-1	1059.27	1461.42	1214.35	1245.02	16.29	ppb
Terbium	159-1				84		%
Terbium	159-2				77		%
Thallium	203-1	99.70	107.92	102.56	103.39	4.04	ppb
Thallium	205-1	100.85	108.32	103.57	104.24	3.63	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	6.83	ppb
Tin	118-1	91.14	98.59	95.07	94.94	3.93	ppb
Titanium	47-1	479.86	531.19	504.84	505.30	5.08	ppb
Uranium	238-1	96.14	104.16	98.52	99.61	4.13	ppb
Vanadium	51-2	102.71	103.06	104.58	103.45	0.96	ppb
Yttrium	89-1				71		%
Yttrium	89-2				65		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 21:53:25	DataFile Name :	116SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	239.06	243.70	245.98	242.91	1.45	ppb
Zirconium	90-1	99.57	107.92	104.32	103.94	4.03	ppb
Zirconium	91-1	97.57	107.57	103.30	102.81	4.88	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08ADLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:57:02 DataFile Name : 117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1817.83	1836.76	1838.68	1831.09	0.63	ppb
Antimony	121-1	94.92	94.90	94.89	94.90	0.02	ppb
Arsenic	75-2	94.72	92.68	94.03	93.81	1.11	ppb
Barium	135-1	518.86	518.69	519.02	518.86	0.03	ppb
Barium	137-1	527.36	524.20	524.06	525.20	0.36	ppb
Beryllium	9-1	98.75	97.78	97.85	98.13	0.55	ppb
Bismuth	209-1				83		%
Bismuth	209-2				74		%
Boron	10-1	104.46	107.22	108.96	106.88	2.12	ppb
Boron	11-1	105.85	106.42	106.88	106.38	0.49	ppb
Cadmium	111-1	95.33	95.09	94.10	94.84	0.69	ppb
Cadmium	106-1	91.52	89.02	88.57	89.70	1.77	ppb
Cadmium	108-1	92.17	90.63	92.96	91.92	1.29	ppb
Calcium	43-1	28540.87	28349.31	28407.32	28432.50	0.35	ppb
Calcium	44-1	28132.01	27927.86	27845.40	27968.42	0.53	ppb
Chromium	52-2	504.87	507.44	506.32	506.21	0.25	ppb
Cobalt	59-2	110.84	109.98	110.15	110.32	0.41	ppb
Copper	63-2	234.93	236.02	236.62	235.86	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				79		%
Indium	115-1				77		%
Indium	115-2				68		%
Iron	56-2	5678.86	5743.56	5675.79	5699.41	0.67	ppb
Iron	57-2	5730.87	5655.79	5703.36	5696.68	0.67	ppb
Krypton	83-1						cps
Lead	206-1	99.08	99.89	98.75	99.24	0.59	ppb
Lead	207-1	95.15	94.55	94.24	94.65	0.49	ppb
Lead	208-1	97.21	97.50	97.12	97.28	0.21	ppb
Lithium	6-1				58		%
Magnesium	24-2	13735.21	13746.42	13714.15	13731.93	0.12	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08ADLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 21:57:02	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	217.62	218.79	217.60	218.00	0.31	ppb
Molybdenum	94-1	512.37	506.19	504.20	507.58	0.84	ppb
Molybdenum	95-1	512.60	508.22	507.56	509.46	0.54	ppb
Molybdenum	96-1	508.55	507.97	496.84	504.45	1.31	ppb
Molybdenum	97-1	514.47	507.25	503.84	508.52	1.07	ppb
Molybdenum	98-1	507.06	502.31	502.14	503.84	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.55	114.44	115.17	114.72	0.34	ppb
Phosphorus	31-2	-29.45	-24.91	-21.16	-25.17		ppb
Potassium	39-2	4863.63	4875.94	4880.91	4873.49	0.18	ppb
Rhodium	103-1				73		%
Rhodium	103-2				67		%
Scandium	45-1				64		%
Scandium	45-2				55		%
Selenium	77-2	93.81	100.17	96.21	96.73	3.32	ppb
Selenium	78-2	94.28	95.07	96.78	95.38	1.34	ppb
Selenium	82-1	102.99	101.78	101.74	102.17	0.69	ppb
Silicon	28-1	1213.11	1205.89	1208.87	1209.29	0.30	ppb
Silver	109-1	93.70	94.30	94.59	94.20	0.49	ppb
Silver	107-1	94.32	93.56	94.40	94.09	0.49	ppb
Sodium	23-2	22592.10	22581.54	22418.98	22530.87	0.43	ppb
Strontium	86-1	130.03	128.59	127.74	128.79	0.90	ppb
Strontium	88-1	127.88	127.41	127.40	127.56	0.22	ppb
Sulfur	34-1	1140.32	1081.58	1057.00	1092.96	3.92	ppb
Terbium	159-1				86		%
Terbium	159-2				77		%
Thallium	203-1	100.83	100.16	99.90	100.29	0.48	ppb
Thallium	205-1	102.00	100.72	100.75	101.16	0.72	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	10.90	ppb
Tin	118-1	92.85	93.20	93.33	93.13	0.26	ppb
Titanium	47-1	492.26	489.99	487.26	489.84	0.51	ppb
Uranium	238-1	96.68	96.79	96.60	96.69	0.10	ppb
Vanadium	51-2	103.29	103.27	102.70	103.09	0.32	ppb
Yttrium	89-1				73		%
Yttrium	89-2				65		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08ADLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 21:57:02	DataFile Name :	117SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	240.66	240.84	242.08	241.19	0.32	ppb
Zirconium	90-1	102.03	101.10	101.01	101.38	0.56	ppb
Zirconium	91-1	101.39	100.68	99.43	100.50	0.99	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P7
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 22:00:38	DataFile Name :	118CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49247.47	49008.63	49297.91	49184.67	0.31	ppb
Antimony	121-1	452.53	453.46	450.50	452.16	0.34	ppb
Arsenic	75-2	451.25	452.71	451.58	451.85	0.17	ppb
Barium	135-1	2380.61	2379.16	2372.65	2377.47	0.18	ppb
Barium	137-1	2388.00	2386.10	2383.17	2385.76	0.10	ppb
Beryllium	9-1	480.02	477.48	476.63	478.04	0.37	ppb
Bismuth	209-1				72		%
Bismuth	209-2				65		%
Boron	10-1	475.22	466.01	476.11	472.45	1.18	ppb
Boron	11-1	466.05	474.34	471.84	470.74	0.90	ppb
Cadmium	111-1	440.27	434.99	436.54	437.27	0.62	ppb
Cadmium	106-1	437.98	437.14	435.95	437.02	0.23	ppb
Cadmium	108-1	439.34	430.72	437.13	435.73	1.03	ppb
Calcium	43-1	240356.40	240200.68	241272.79	240609.96	0.24	ppb
Calcium	44-1	240468.90	240348.04	240544.99	240453.97	0.04	ppb
Chromium	52-2	515.35	509.69	512.24	512.43	0.55	ppb
Cobalt	59-2	510.03	505.34	509.08	508.15	0.49	ppb
Copper	63-2	1010.76	1003.63	1007.98	1007.45	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				79		%
Indium	115-1				72		%
Indium	115-2				67		%
Iron	56-2	131226.69	130587.33	131086.76	130966.93	0.26	ppb
Iron	57-2	132944.08	130075.27	131646.42	131555.26	1.09	ppb
Krypton	83-1						cps
Lead	206-1	520.84	524.71	521.18	522.25	0.41	ppb
Lead	207-1	515.54	516.52	511.98	514.68	0.46	ppb
Lead	208-1	517.98	518.80	514.78	517.19	0.41	ppb
Lithium	6-1				59		%
Magnesium	24-2	240415.90	238811.51	240820.90	240016.10	0.44	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P7
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 22:00:38	DataFile Name :	118CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1011.13	997.99	1005.11	1004.74	0.65	ppb
Molybdenum	94-1	2498.00	2504.57	2498.84	2500.47	0.14	ppb
Molybdenum	95-1	2501.38	2512.00	2493.50	2502.29	0.37	ppb
Molybdenum	96-1	2512.52	2513.15	2521.93	2515.87	0.21	ppb
Molybdenum	97-1	2518.54	2521.10	2512.39	2517.34	0.18	ppb
Molybdenum	98-1	2524.76	2503.72	2512.79	2513.76	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.69	505.47	508.13	507.76	0.42	ppb
Phosphorus	31-2	9160.55	9027.36	8913.68	9033.86	1.37	ppb
Potassium	39-2	114831.05	113956.46	114264.22	114350.58	0.39	ppb
Rhodium	103-1				66		%
Rhodium	103-2				62		%
Scandium	45-1				65		%
Scandium	45-2				61		%
Selenium	77-2	427.41	440.72	430.26	432.80	1.62	ppb
Selenium	78-2	430.43	436.61	435.27	434.10	0.75	ppb
Selenium	82-1	449.32	447.19	445.33	447.28	0.45	ppb
Silicon	28-1	429.51	438.05	446.12	437.89	1.90	ppb
Silver	109-1	454.84	450.18	454.09	453.04	0.55	ppb
Silver	107-1	455.84	453.64	454.93	454.80	0.24	ppb
Sodium	23-2	230820.56	229611.99	231538.19	230656.91	0.42	ppb
Strontium	86-1	502.58	501.02	504.70	502.77	0.37	ppb
Strontium	88-1	500.86	502.21	498.50	500.52	0.38	ppb
Sulfur	34-1	9377.09	9240.95	9387.07	9335.03	0.87	ppb
Terbium	159-1				84		%
Terbium	159-2				77		%
Thallium	203-1	529.82	538.46	530.49	532.92	0.90	ppb
Thallium	205-1	530.32	534.35	527.43	530.70	0.65	ppb
Thorium	232-1	541.76	548.06	547.76	545.86	0.65	ppb
Tin	118-1	461.65	459.19	459.66	460.17	0.28	ppb
Titanium	47-1	2474.03	2479.11	2471.56	2474.90	0.16	ppb
Uranium	238-1	541.08	549.29	540.11	543.49	0.93	ppb
Vanadium	51-2	515.33	508.92	511.59	511.95	0.63	ppb
Yttrium	89-1				72		%
Yttrium	89-2				68		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P7
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 22:00:38	DataFile Name :	118CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	961.10	953.66	961.62	958.79	0.46	ppb
Zirconium	90-1	501.46	497.91	492.95	497.44	0.86	ppb
Zirconium	91-1	497.87	492.92	490.52	493.77	0.76	ppb

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB73 Instrumnet Name : P7
 Client Sample ID : CCB73 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 22:07:13 DataFile Name : 119CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	0.30	0.34	0.25	45.53	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	7.81	ppb
Arsenic	75-2	0.01	0.02	0.02	0.01	26.10	ppb
Barium	135-1	0.01	0.02	0.00	0.01	106.96	ppb
Barium	137-1	0.00	0.02	0.01	0.01	89.88	ppb
Beryllium	9-1	0.03	0.03	0.05	0.03	30.39	ppb
Bismuth	209-1				85		%
Bismuth	209-2				80		%
Boron	10-1	5.99	5.76	5.15	5.63	7.71	ppb
Boron	11-1	5.77	5.59	5.43	5.60	3.00	ppb
Cadmium	111-1	-0.12	-0.15	-0.13	-0.13		ppb
Cadmium	106-1	-1.80	-2.28	-1.97	-2.02		ppb
Cadmium	108-1	0.01	0.04	0.04	0.03	58.61	ppb
Calcium	43-1	3.92	4.04	4.51	4.16	7.59	ppb
Calcium	44-1	1.75	1.57	1.76	1.69	6.47	ppb
Chromium	52-2	0.53	0.51	0.48	0.51	4.84	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	803.14	ppb
Copper	63-2	0.40	0.35	0.39	0.38	7.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				82		%
Indium	115-1				81		%
Indium	115-2				73		%
Iron	56-2	1.24	1.32	1.41	1.32	6.43	ppb
Iron	57-2	1.11	1.10	1.56	1.26	21.24	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.01	0.01	35.87	ppb
Lead	207-1	0.00	0.01	0.01	0.01	42.57	ppb
Lead	208-1	0.01	0.01	0.01	0.01	8.88	ppb
Lithium	6-1				63		%
Magnesium	24-2	2.01	2.44	2.13	2.19	10.17	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P7
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 22:07:13	DataFile Name :	119CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.07	0.07	0.06	21.86	ppb
Molybdenum	94-1	0.12	0.10	0.12	0.11	10.32	ppb
Molybdenum	95-1	0.15	0.10	0.11	0.12	19.09	ppb
Molybdenum	96-1	0.14	0.12	0.09	0.12	18.93	ppb
Molybdenum	97-1	0.14	0.14	0.11	0.13	15.65	ppb
Molybdenum	98-1	0.13	0.12	0.09	0.11	15.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	102.14	ppb
Phosphorus	31-2	-31.31	-32.19	-30.54	-31.35		ppb
Potassium	39-2	-1.25	-0.63	-0.43	-0.77		ppb
Rhodium	103-1				79		%
Rhodium	103-2				74		%
Scandium	45-1				69		%
Scandium	45-2				61		%
Selenium	77-2	0.38	0.00	0.00	0.13	173.21	ppb
Selenium	78-2	-0.06	-0.09	-0.23	-0.12		ppb
Selenium	82-1	0.03	0.07	0.14	0.08	73.97	ppb
Silicon	28-1	-3.87	-3.91	-4.23	-4.00		ppb
Silver	109-1	0.04	0.03	0.03	0.03	12.29	ppb
Silver	107-1	0.03	0.03	0.03	0.03	11.69	ppb
Sodium	23-2	14.84	15.61	14.78	15.08	3.08	ppb
Strontium	86-1	-0.02	0.02	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	18.78	ppb
Sulfur	34-1	-445.04	-455.59	-519.94	-473.53		ppb
Terbium	159-1				87		%
Terbium	159-2				81		%
Thallium	203-1	0.05	0.06	0.04	0.05	12.82	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	11.23	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	4.00	ppb
Tin	118-1	0.03	0.03	0.03	0.03	8.22	ppb
Titanium	47-1	0.03	0.03	0.07	0.04	52.43	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	23.61	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	19.18	ppb
Yttrium	89-1				77		%
Yttrium	89-2				70		%

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P7
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 22:07:13	DataFile Name :	119CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.35	0.38	0.47	0.40	16.15	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	33.18	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	51.66	ppb

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:34:10	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	58	92	100	46.40	cps
Antimony	121-1	233	192	217	214	9.81	cps
Arsenic	75-2	15	11	22	16	35.26	cps
Barium	135-1	158	167	167	164	2.94	cps
Barium	137-1	258	217	292	256	14.70	cps
Beryllium	9-1	153	193	150	166	14.57	cps
Bismuth	209-1	18216921	18055521	18016883	18096442	0.59	cps
Bismuth	209-2	9833017	9776687	9775419	9795041	0.34	cps
Boron	10-1	1425	1475	1242	1381	8.90	cps
Boron	11-1	6493	5985	6177	6218	4.13	cps
Cadmium	111-1	6247	6318	5805	6123	4.54	cps
Cadmium	106-1	8853	8987	8278	8706	4.33	cps
Cadmium	108-1	13	21	21	18	26.64	cps
Calcium	43-1	242	133	150	175	33.33	cps
Calcium	44-1	12139	11864	12064	12022	1.18	cps
Chromium	52-2	2170	2307	2364	2280	4.36	cps
Cobalt	59-2	157	170	140	156	9.66	cps
Copper	63-2	2930	3034	3080	3015	2.55	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	58	108	142	103	40.81	cps
Erbium	164-2	43	17	33	31	43.29	cps
Gadolinium	160-1	208	133	125	156	29.51	cps
Gadolinium	160-2	377	323	363	354	7.83	cps
Holmium	165-1	26456857	26438461	26292194	26395837	0.34	cps
Holmium	165-2	13026532	13146077	12944546	13039051	0.78	cps
Indium	115-1	20566538	20320950	20344330	20410606	0.66	cps
Indium	115-2	3668609	3682804	3651558	3667657	0.43	cps
Iron	56-2	8847	8436	9270	8851	4.71	cps
Iron	57-2	133	172	133	146	15.35	cps
Krypton	83-1	907	840	897	881	4.08	cps
Lead	206-1	2017	2100	1911	2009	4.71	cps
Lead	207-1	1956	1911	1778	1882	4.92	cps
Lead	208-1	8713	8301	7896	8303	4.92	cps
Lithium	6-1	6516526	6503497	6518484	6512835	0.13	cps
Magnesium	24-2	375	383	367	375	2.22	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 14:34:10 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	123	70	77	90	32.29	cps
Molybdenum	94-1	525	542	367	478	20.22	cps
Molybdenum	95-1	225	183	142	183	22.73	cps
Molybdenum	96-1	325	317	208	283	22.97	cps
Molybdenum	97-1	117	125	150	131	13.29	cps
Molybdenum	98-1	350	258	275	294	16.58	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	137	110	160	136	18.46	cps
Phosphorus	31-2	258	275	192	242	18.25	cps
Potassium	39-2	29580	30382	31167	30376	2.61	cps
Rhodium	103-1	19006521	18909928	18668413	18861621	0.92	cps
Rhodium	103-2	9113461	9109492	8939464	9054139	1.10	cps
Scandium	45-1	13013163	13004621	12974721	12997502	0.16	cps
Scandium	45-2	548414	547596	551071	549027	0.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	107	113	98	106	7.05	cps
Selenium	82-1	29	-1	16	15	100.47	cps
Silicon	28-1	495724	492190	491530	493148	0.46	cps
Silver	109-1	208	242	183	211	13.86	cps
Silver	107-1	325	283	375	328	14.00	cps
Sodium	23-2	36988	37423	37673	37361	0.93	cps
Strontium	86-1	1200	1400	1575	1392	13.48	cps
Strontium	88-1	267	283	250	267	6.25	cps
Sulfur	34-1	679454	674700	679519	677891	0.41	cps
Terbium	159-1	26807408	26655480	26443295	26635394	0.69	cps
Terbium	159-2	12802909	12904593	12772861	12826788	0.54	cps
Thallium	203-1	1225	1150	1100	1158	5.43	cps
Thallium	205-1	2725	3176	3076	2992	7.90	cps
Thorium	232-1	444	322	439	402	17.17	cps
Tin	118-1	1300	1358	1325	1328	2.20	cps
Titanium	47-1	133	158	192	161	18.17	cps
Uranium	238-1	150	192	125	156	21.65	cps
Vanadium	51-2	7	10	10	9	21.63	cps
Yttrium	89-1	20467050	20154987	20045678	20222572	1.08	cps
Yttrium	89-2	2684078	2704223	2701998	2696766	0.41	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:34:10	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	300	370	313	328	11.34	cps
Zirconium	90-1	1133	1267	1342	1247	8.46	cps
Zirconium	91-1	217	225	250	231	7.52	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:42:54	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5393	5935	5901	5743	5.29	cps
Antimony	121-1	45659	45049	44062	44923	1.79	cps
Arsenic	75-2	835	865	824	841	2.50	cps
Barium	135-1	60926	60457	61436	60940	0.80	cps
Barium	137-1	105239	105919	105171	105443	0.39	cps
Beryllium	9-1	6585	7132	6538	6752	4.89	cps
Bismuth	209-1	17787198	17759835	17764304	17770446	0.08	cps
Bismuth	209-2	9559695	9615465	9631468	9602209	0.39	cps
Boron	10-1	35125	36127	35818	35690	1.44	cps
Boron	11-1	160699	166938	166383	164673	2.10	cps
Cadmium	111-1	13404	13204	13833	13480	2.39	cps
Cadmium	106-1	9604	9028	9420	9351	3.14	cps
Cadmium	108-1	571	538	554	554	3.01	cps
Calcium	43-1	41300	41752	41618	41557	0.56	cps
Calcium	44-1	685717	684206	678184	682702	0.58	cps
Chromium	52-2	18115	18475	17951	18180	1.47	cps
Cobalt	59-2	14007	13933	13880	13940	0.46	cps
Copper	63-2	22708	22831	22992	22844	0.62	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	50	125	50	75	57.74	cps
Erbium	164-2	23	20	37	27	33.08	cps
Gadolinium	160-1	108	117	225	150	43.39	cps
Gadolinium	160-2	253	337	367	319	18.41	cps
Holmium	165-1	26169282	26035999	25986187	26063823	0.36	cps
Holmium	165-2	12765629	12749781	12692264	12735892	0.30	cps
Indium	115-1	19982844	19971800	19897348	19950664	0.23	cps
Indium	115-2	3654460	3680975	3689014	3674816	0.49	cps
Iron	56-2	386826	392173	389058	389353	0.69	cps
Iron	57-2	9792	9665	9876	9778	1.09	cps
Krypton	83-1	883	933	773	863	9.48	cps
Lead	206-1	25536	24718	24339	24864	2.46	cps
Lead	207-1	21757	22291	21412	21820	2.03	cps
Lead	208-1	99089	98789	97654	98510	0.77	cps
Lithium	6-1	6445470	6395576	6395794	6412280	0.45	cps
Magnesium	24-2	338207	343532	336594	339444	1.07	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:42:54	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5358	5284	5341	5328	0.72	cps
Molybdenum	94-1	52347	52966	52121	52478	0.83	cps
Molybdenum	95-1	63274	64521	63810	63869	0.98	cps
Molybdenum	96-1	69511	70524	71882	70639	1.68	cps
Molybdenum	97-1	39606	39598	39280	39494	0.47	cps
Molybdenum	98-1	103818	103768	102409	103331	0.77	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	4117	3871	3984	3991	3.09	cps
Phosphorus	31-2	1192	1025	1142	1120	7.64	cps
Potassium	39-2	308396	312617	307109	309374	0.93	cps
Rhodium	103-1	18711105	18604938	18595518	18637187	0.34	cps
Rhodium	103-2	8909034	8918962	8850101	8892699	0.42	cps
Scandium	45-1	12928437	12864456	12827959	12873617	0.40	cps
Scandium	45-2	544838	550230	546448	547172	0.51	cps
Selenium	77-2	110	140	103	118	16.58	cps
Selenium	78-2	546	554	570	557	2.21	cps
Selenium	82-1	3109	2978	3303	3130	5.21	cps
Silicon	28-1	683870	680145	679913	681310	0.33	cps
Silver	109-1	36156	34978	36289	35808	2.02	cps
Silver	107-1	37401	38002	37141	37515	1.18	cps
Sodium	23-2	641927	647212	647044	645395	0.47	cps
Strontium	86-1	9729	9212	9437	9459	2.74	cps
Strontium	88-1	70055	70650	70516	70407	0.44	cps
Sulfur	34-1	680275	682142	690440	684286	0.79	cps
Terbium	159-1	26177555	26218248	25975873	26123892	0.50	cps
Terbium	159-2	12311395	12451460	12447036	12403297	0.64	cps
Thallium	203-1	28532	28064	28849	28481	1.39	cps
Thallium	205-1	68627	67270	67723	67874	1.02	cps
Thorium	232-1	88020	86582	87332	87311	0.82	cps
Tin	118-1	113254	113876	111859	112996	0.91	cps
Titanium	47-1	19130	19205	19372	19235	0.64	cps
Uranium	238-1	87002	85618	86516	86379	0.81	cps
Vanadium	51-2	32863	33261	32212	32779	1.62	cps
Yttrium	89-1	19843156	19840991	19782310	19822152	0.17	cps
Yttrium	89-2	2656680	2708896	2695836	2687137	1.01	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:42:54	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3854	3427	3657	3646	5.86	cps
Zirconium	90-1	42965	41904	41126	41999	2.20	cps
Zirconium	91-1	9554	10096	9378	9676	3.86	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:46:50	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	303026	303511	306687	304408	0.65	cps
Antimony	121-1	1225230	1235666	1227910	1229602	0.44	cps
Arsenic	75-2	44455	43840	44236	44177	0.71	cps
Barium	135-1	1612940	1612332	1614814	1613362	0.08	cps
Barium	137-1	2841349	2833760	2822292	2832467	0.34	cps
Beryllium	9-1	349821	348500	346087	348136	0.54	cps
Bismuth	209-1	17559718	17413708	17518154	17497193	0.43	cps
Bismuth	209-2	9443685	9382893	9539727	9455435	0.84	cps
Boron	10-1	73237	75338	75506	74693	1.69	cps
Boron	11-1	345507	351265	350816	349196	0.92	cps
Cadmium	111-1	412116	413391	413250	412919	0.17	cps
Cadmium	106-1	53351	53535	53577	53488	0.22	cps
Cadmium	108-1	31310	31339	30675	31108	1.21	cps
Calcium	43-1	447392	448670	445439	447167	0.36	cps
Calcium	44-1	7187881	7165624	7127954	7160486	0.42	cps
Chromium	52-2	426845	427603	425865	426771	0.20	cps
Cobalt	59-2	727511	725670	727370	726850	0.14	cps
Copper	63-2	1057237	1054520	1043677	1051811	0.68	cps
Dysprosium	156-1	50	50	67	56	17.32	cps
Dysprosium	156-2	23	20	47	30	48.44	cps
Erbium	164-1	58	67	83	69	18.33	cps
Erbium	164-2	53	27	40	40	33.33	cps
Gadolinium	160-1	175	100	192	156	31.39	cps
Gadolinium	160-2	330	320	277	309	9.18	cps
Holmium	165-1	25895886	25853037	25674656	25807860	0.45	cps
Holmium	165-2	12714541	12618016	12678447	12670335	0.38	cps
Indium	115-1	19645067	19612100	19461818	19572995	0.50	cps
Indium	115-2	3632886	3647752	3649699	3643446	0.25	cps
Iron	56-2	19194438	19134534	18998718	19109230	0.52	cps
Iron	57-2	466801	465894	463912	465536	0.32	cps
Krypton	83-1	823	827	810	820	1.08	cps
Lead	206-1	1225058	1221350	1237776	1228062	0.70	cps
Lead	207-1	1098466	1093734	1111812	1101337	0.85	cps
Lead	208-1	4920833	4909360	4975142	4935112	0.71	cps
Lithium	6-1	6321397	6274837	6252150	6282794	0.56	cps
Magnesium	24-2	3676313	3649081	3666331	3663908	0.38	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:46:50	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	521631	520969	523820	522140	0.29	cps
Molybdenum	94-1	2678836	2701052	2708656	2696181	0.57	cps
Molybdenum	95-1	3291729	3301972	3330277	3307992	0.60	cps
Molybdenum	96-1	3660390	3639024	3665817	3655077	0.39	cps
Molybdenum	97-1	2055908	2046013	2051962	2051294	0.24	cps
Molybdenum	98-1	5343030	5330483	5334270	5335928	0.12	cps
Neodymium	150-1	133	113	133	127	9.12	cps
Neodymium	150-2	17	3	13	11	62.48	cps
Nickel	60-2	197254	194387	196237	195959	0.74	cps
Phosphorus	31-2	16710	17227	17227	17055	1.75	cps
Potassium	39-2	1508010	1505513	1511101	1508208	0.19	cps
Rhodium	103-1	18312041	18020209	17898738	18076996	1.18	cps
Rhodium	103-2	8655083	8621168	8636592	8637614	0.20	cps
Scandium	45-1	12718115	12553261	12598346	12623240	0.67	cps
Scandium	45-2	537617	530043	539430	535697	0.93	cps
Selenium	77-2	1360	1320	1283	1321	2.90	cps
Selenium	78-2	4617	4603	4660	4627	0.64	cps
Selenium	82-1	31537	31838	31835	31737	0.54	cps
Silicon	28-1	1627019	1636323	1647149	1636830	0.62	cps
Silver	109-1	1886491	1863461	1868652	1872868	0.64	cps
Silver	107-1	1965842	1944104	1955419	1955122	0.56	cps
Sodium	23-2	6410521	6383335	6388449	6394102	0.23	cps
Strontium	86-1	445185	442670	444722	444193	0.30	cps
Strontium	88-1	3880345	3841550	3893835	3871910	0.70	cps
Sulfur	34-1	838295	830985	826852	832044	0.70	cps
Terbium	159-1	26069862	25988820	25835172	25964618	0.46	cps
Terbium	159-2	12278303	12335421	12358083	12323936	0.33	cps
Thallium	203-1	1489291	1508137	1506577	1501335	0.70	cps
Thallium	205-1	3573028	3611545	3632362	3605645	0.83	cps
Thorium	232-1	4956946	4932335	4978363	4955881	0.46	cps
Tin	118-1	1183537	1191093	1182073	1185567	0.41	cps
Titanium	47-1	995420	978343	979390	984384	0.97	cps
Uranium	238-1	4905812	4926338	4903069	4911740	0.26	cps
Vanadium	51-2	328767	325786	328492	327682	0.50	cps
Yttrium	89-1	19607546	19234572	19478642	19440253	0.97	cps
Yttrium	89-2	2654100	2647387	2681096	2660861	0.67	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:46:50	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	164886	164617	160275	163259	1.59	cps
Zirconium	90-1	2239079	2226279	2233418	2232925	0.29	cps
Zirconium	91-1	493411	493374	495499	494094	0.25	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 14:50:59 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	736210	738093	738601	737635	0.17	cps
Antimony	121-1	2970894	2988627	3023194	2994238	0.89	cps
Arsenic	75-2	106881	108762	106710	107451	1.06	cps
Barium	135-1	3928862	3973157	3999318	3967112	0.90	cps
Barium	137-1	6780435	6792662	6806165	6793088	0.19	cps
Beryllium	9-1	831534	836035	830989	832853	0.33	cps
Bismuth	209-1	17278801	17172069	17229969	17226947	0.31	cps
Bismuth	209-2	9271530	9239354	9294190	9268358	0.30	cps
Boron	10-1	174421	177313	178324	176686	1.15	cps
Boron	11-1	807173	832562	847752	829162	2.47	cps
Cadmium	111-1	978081	983968	991801	984617	0.70	cps
Cadmium	106-1	115376	114106	116787	115423	1.16	cps
Cadmium	108-1	74424	74554	75860	74946	1.06	cps
Calcium	43-1	1074810	1070780	1089677	1078422	0.92	cps
Calcium	44-1	17231129	17212602	17406738	17283489	0.62	cps
Chromium	52-2	1031616	1039812	1037659	1036362	0.41	cps
Cobalt	59-2	1758576	1770677	1784278	1771177	0.73	cps
Copper	63-2	2543630	2561828	2566573	2557344	0.47	cps
Dysprosium	156-1	117	83	58	86	33.98	cps
Dysprosium	156-2	50	23	67	47	46.85	cps
Erbium	164-1	108	83	83	92	15.74	cps
Erbium	164-2	53	50	13	39	57.08	cps
Gadolinium	160-1	133	167	158	153	11.35	cps
Gadolinium	160-2	293	313	243	283	12.73	cps
Holmium	165-1	25533838	25631106	25701756	25622233	0.33	cps
Holmium	165-2	12567521	12684478	12610126	12620708	0.47	cps
Indium	115-1	19225805	19170661	19217960	19204809	0.16	cps
Indium	115-2	3530965	3562450	3554444	3549286	0.46	cps
Iron	56-2	46384843	46819475	46871022	46691780	0.57	cps
Iron	57-2	1133607	1142386	1141323	1139105	0.42	cps
Krypton	83-1	830	720	767	772	7.15	cps
Lead	206-1	2964215	2985856	3003633	2984568	0.66	cps
Lead	207-1	2650070	2669113	2712978	2677387	1.20	cps
Lead	208-1	11996969	12080495	11975912	12017792	0.46	cps
Lithium	6-1	6078276	6061960	6071578	6070605	0.14	cps
Magnesium	24-2	8892129	8959240	8842858	8898076	0.66	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 14:50:59 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1257442	1276026	1268556	1267341	0.74	cps
Molybdenum	94-1	6450104	6479032	6509962	6479699	0.46	cps
Molybdenum	95-1	7941913	7932693	8042778	7972461	0.77	cps
Molybdenum	96-1	8749649	8790780	8881817	8807415	0.77	cps
Molybdenum	97-1	4939601	4995757	5056520	4997293	1.17	cps
Molybdenum	98-1	12823452	12838943	12787521	12816639	0.21	cps
Neodymium	150-1	400	360	333	364	9.21	cps
Neodymium	150-2	30	20	23	24	20.83	cps
Nickel	60-2	470501	480780	474570	475284	1.09	cps
Phosphorus	31-2	40598	40756	41333	40896	0.95	cps
Potassium	39-2	3603281	3611846	3657375	3624167	0.80	cps
Rhodium	103-1	17659668	17498979	17713477	17624042	0.63	cps
Rhodium	103-2	8410337	8476712	8407595	8431548	0.46	cps
Scandium	45-1	12343570	12286084	12355617	12328423	0.30	cps
Scandium	45-2	523858	521922	521517	522432	0.24	cps
Selenium	77-2	3164	3274	3360	3266	3.02	cps
Selenium	78-2	11349	11008	11186	11181	1.53	cps
Selenium	82-1	75551	75951	76786	76096	0.83	cps
Silicon	28-1	3185514	3256495	3298812	3246940	1.76	cps
Silver	109-1	4492258	4509899	4553108	4518422	0.69	cps
Silver	107-1	4634981	4672397	4772134	4693171	1.51	cps
Sodium	23-2	15497337	15615452	15523001	15545263	0.40	cps
Strontium	86-1	1072140	1066905	1083811	1074285	0.81	cps
Strontium	88-1	9199913	9226417	9253391	9226574	0.29	cps
Sulfur	34-1	1029848	1020687	1015400	1021979	0.72	cps
Terbium	159-1	25658510	25730123	25714595	25701076	0.15	cps
Terbium	159-2	12081961	12250756	12296611	12209776	0.93	cps
Thallium	203-1	3671968	3691874	3711268	3691703	0.53	cps
Thallium	205-1	8673556	8631512	8611202	8638757	0.37	cps
Thorium	232-1	11950609	11932037	12093101	11991915	0.73	cps
Tin	118-1	2853594	2881672	2928532	2887933	1.31	cps
Titanium	47-1	2383385	2398247	2401223	2394285	0.40	cps
Uranium	238-1	11838607	11789066	11919363	11849012	0.56	cps
Vanadium	51-2	804385	809537	803023	805648	0.43	cps
Yttrium	89-1	19111468	18932024	19186798	19076763	0.69	cps
Yttrium	89-2	2600689	2632861	2612108	2615219	0.62	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:50:59	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	389461	393527	396524	393171	0.90	cps
Zirconium	90-1	5397105	5342316	5363275	5367565	0.52	cps
Zirconium	91-1	1198228	1211534	1209831	1206531	0.60	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:54:48	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1452311	1435168	1449111	1445530	0.63	cps
Antimony	121-1	5901689	5911026	5915362	5909359	0.12	cps
Arsenic	75-2	210990	210582	212643	211405	0.52	cps
Barium	135-1	7730172	7819875	7821874	7790640	0.67	cps
Barium	137-1	13595024	13685370	13701660	13660685	0.42	cps
Beryllium	9-1	1610574	1631216	1633535	1625108	0.78	cps
Bismuth	209-1	18523946	15495975	16972019	16997313	8.91	cps
Bismuth	209-2	9063175	9075810	8998121	9045702	0.46	cps
Boron	10-1	340960	359073	361150	353727	3.14	cps
Boron	11-1	1604653	1657152	1664236	1642014	1.98	cps
Cadmium	111-1	1906263	1959112	1953898	1939758	1.50	cps
Cadmium	106-1	219215	221676	222478	221123	0.77	cps
Cadmium	108-1	146435	149685	150207	148776	1.37	cps
Calcium	43-1	2093305	2133668	2156534	2127836	1.50	cps
Calcium	44-1	34307562	34118050	34332392	34252668	0.34	cps
Chromium	52-2	2047710	2029743	2036367	2037940	0.45	cps
Cobalt	59-2	3481947	3466301	3458728	3468992	0.34	cps
Copper	63-2	4968500	4959709	4950661	4959623	0.18	cps
Dysprosium	156-1	192	208	100	167	35.00	cps
Dysprosium	156-2	133	103	113	117	13.09	cps
Erbium	164-1	117	100	167	128	27.15	cps
Erbium	164-2	47	60	57	54	12.74	cps
Gadolinium	160-1	258	142	175	192	31.35	cps
Gadolinium	160-2	297	387	340	341	13.20	cps
Holmium	165-1	28091908	23440817	26080132	25870952	9.02	cps
Holmium	165-2	12576931	12597296	12485211	12553146	0.48	cps
Indium	115-1	20817152	17336730	19047980	19067287	9.13	cps
Indium	115-2	3480238	3475279	3484164	3479894	0.13	cps
Iron	56-2	91384369	90295683	90874510	90851521	0.60	cps
Iron	57-2	2235626	2214666	2220974	2223755	0.48	cps
Krypton	83-1	880	777	847	834	6.32	cps
Lead	206-1	5861056	5995802	6025229	5960695	1.47	cps
Lead	207-1	5263723	5394103	5452536	5370121	1.80	cps
Lead	208-1	23576283	23866602	23929135	23790673	0.79	cps
Lithium	6-1	6472979	5466249	5974439	5971222	8.43	cps
Magnesium	24-2	17463721	17350274	17377776	17397257	0.34	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 14:54:48 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2498313	2471883	2500187	2490127	0.64	cps
Molybdenum	94-1	12981333	13028841	13017446	13009207	0.19	cps
Molybdenum	95-1	15910695	15985289	16041117	15979034	0.41	cps
Molybdenum	96-1	17527141	17716179	17687342	17643554	0.58	cps
Molybdenum	97-1	9835926	9912425	9892213	9880188	0.40	cps
Molybdenum	98-1	25415005	25863272	25796459	25691579	0.94	cps
Neodymium	150-1	667	767	720	718	6.97	cps
Neodymium	150-2	43	90	53	62	39.49	cps
Nickel	60-2	923698	925530	922119	923782	0.18	cps
Phosphorus	31-2	79629	78732	81204	79855	1.57	cps
Potassium	39-2	7122344	7016644	7021779	7053589	0.84	cps
Rhodium	103-1	18859637	15794326	17473681	17375881	8.83	cps
Rhodium	103-2	8253046	8203954	8163863	8206954	0.54	cps
Scandium	45-1	13466832	10950786	12194334	12203984	10.31	cps
Scandium	45-2	521015	519413	521054	520494	0.18	cps
Selenium	77-2	6345	6765	6198	6436	4.57	cps
Selenium	78-2	21535	21114	21279	21309	1.00	cps
Selenium	82-1	147249	150364	150954	149523	1.33	cps
Silicon	28-1	5089829	5183570	5225124	5166174	1.34	cps
Silver	109-1	8798298	8829707	8881927	8836644	0.48	cps
Silver	107-1	9018276	9275731	9146059	9146689	1.41	cps
Sodium	23-2	30538629	30246983	30659167	30481593	0.70	cps
Strontium	86-1	2122393	2177591	2143678	2147888	1.30	cps
Strontium	88-1	18464523	18680380	18600607	18581837	0.59	cps
Sulfur	34-1	1392594	1389223	1382485	1388101	0.37	cps
Terbium	159-1	27965104	23429647	25815834	25736862	8.82	cps
Terbium	159-2	12271311	12116422	12101720	12163151	0.77	cps
Thallium	203-1	7201000	7264378	7247263	7237547	0.45	cps
Thallium	205-1	17118010	17334794	17344231	17265678	0.74	cps
Thorium	232-1	24027459	24149821	24346306	24174529	0.67	cps
Tin	118-1	5716362	5831414	5792452	5780076	1.01	cps
Titanium	47-1	4729178	4733780	4724192	4729050	0.10	cps
Uranium	238-1	23777730	23946574	24118882	23947728	0.71	cps
Vanadium	51-2	1584972	1581902	1596076	1587650	0.47	cps
Yttrium	89-1	20689093	17304171	19073160	19022141	8.90	cps
Yttrium	89-2	2576519	2573051	2590741	2580104	0.36	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:54:48	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	758904	758669	766692	761422	0.60	cps
Zirconium	90-1	10758772	10801948	10791621	10784113	0.21	cps
Zirconium	91-1	2408207	2410070	2412800	2410359	0.10	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 14:58:32 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2908799	2905639	2959925	2924788	1.04	cps
Antimony	121-1	11657644	11756152	11820838	11744878	0.70	cps
Arsenic	75-2	422642	421398	424514	422851	0.37	cps
Barium	135-1	15504893	15749134	15713685	15655904	0.84	cps
Barium	137-1	27228583	27589451	27321069	27379701	0.68	cps
Beryllium	9-1	3180232	3202587	3185670	3189496	0.37	cps
Bismuth	209-1	16563026	16662482	16517150	16580886	0.45	cps
Bismuth	209-2	8811880	8819135	8893966	8841660	0.51	cps
Boron	10-1	675092	692158	693614	686955	1.50	cps
Boron	11-1	3169124	3271285	3266510	3235640	1.78	cps
Cadmium	111-1	3752636	3800232	3815155	3789341	0.86	cps
Cadmium	106-1	425232	421970	427658	424953	0.67	cps
Cadmium	108-1	291072	292972	290834	291626	0.40	cps
Calcium	43-1	4262200	4347680	4336472	4315451	1.08	cps
Calcium	44-1	68696291	69112718	68762122	68857044	0.33	cps
Chromium	52-2	4089769	4106109	4125975	4107284	0.44	cps
Cobalt	59-2	6946716	6882214	6969832	6932921	0.65	cps
Copper	63-2	9795770	9752884	9803322	9783992	0.28	cps
Dysprosium	156-1	300	283	250	278	9.17	cps
Dysprosium	156-2	213	230	220	221	3.79	cps
Erbium	164-1	117	83	108	103	16.88	cps
Erbium	164-2	33	40	47	40	16.68	cps
Gadolinium	160-1	275	200	275	250	17.32	cps
Gadolinium	160-2	330	303	393	342	13.51	cps
Holmium	165-1	26020937	25943730	26067003	26010557	0.24	cps
Holmium	165-2	12710644	12586129	12653851	12650208	0.49	cps
Indium	115-1	18937485	18903160	18844837	18895160	0.25	cps
Indium	115-2	3453491	3481469	3488111	3474357	0.53	cps
Iron	56-2	182611493	182315504	182933682	182620226	0.17	cps
Iron	57-2	4450399	4461316	4537560	4483092	1.06	cps
Krypton	83-1	870	770	867	836	6.80	cps
Lead	206-1	11618669	11721184	11678099	11672651	0.44	cps
Lead	207-1	10381224	10466760	10548672	10465552	0.80	cps
Lead	208-1	46439652	46998934	47021670	46820085	0.70	cps
Lithium	6-1	5909240	5935032	5926742	5923671	0.22	cps
Magnesium	24-2	35005807	34856108	35194324	35018746	0.48	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:58:32	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4981350	5008523	5062510	5017461	0.82	cps
Molybdenum	94-1	25856978	26593750	26037496	26162742	1.47	cps
Molybdenum	95-1	31806219	32246953	32069629	32040934	0.69	cps
Molybdenum	96-1	35285195	35644709	35483501	35471135	0.51	cps
Molybdenum	97-1	19861922	19840741	19888753	19863805	0.12	cps
Molybdenum	98-1	51628929	51618096	52116289	51787771	0.55	cps
Neodymium	150-1	1260	1327	1467	1351	7.81	cps
Neodymium	150-2	133	133	103	123	14.04	cps
Nickel	60-2	1812421	1816852	1846199	1825157	1.01	cps
Phosphorus	31-2	161608	161567	162627	161934	0.37	cps
Potassium	39-2	14239702	14283215	14343341	14288753	0.36	cps
Rhodium	103-1	17231433	17085090	17189420	17168648	0.44	cps
Rhodium	103-2	8200925	8159664	8192167	8184252	0.27	cps
Scandium	45-1	12274041	12422445	12282866	12326450	0.68	cps
Scandium	45-2	526255	527220	532913	528796	0.68	cps
Selenium	77-2	12782	12375	12849	12669	2.02	cps
Selenium	78-2	41725	42733	42534	42331	1.26	cps
Selenium	82-1	290326	294657	293800	292928	0.78	cps
Silicon	28-1	10308149	10525137	10567914	10467067	1.33	cps
Silver	109-1	17218242	17229842	17279657	17242580	0.19	cps
Silver	107-1	18013544	17832615	17879249	17908469	0.52	cps
Sodium	23-2	61758941	61386389	61791074	61645468	0.36	cps
Strontium	86-1	4297469	4325432	4328964	4317288	0.40	cps
Strontium	88-1	37071093	37047840	37314216	37144383	0.40	cps
Sulfur	34-1	2199733	2187901	2212291	2199975	0.55	cps
Terbium	159-1	26007402	26223709	26142196	26124436	0.42	cps
Terbium	159-2	12261644	12204499	12291962	12252702	0.36	cps
Thallium	203-1	14138873	14341100	14335523	14271832	0.81	cps
Thallium	205-1	34051805	34597950	34461516	34370424	0.83	cps
Thorium	232-1	48651655	48541465	48330925	48508015	0.34	cps
Tin	118-1	11355554	11432761	11475324	11421213	0.53	cps
Titanium	47-1	9462708	9585898	9458124	9502243	0.76	cps
Uranium	238-1	48270367	48292317	48407397	48323360	0.15	cps
Vanadium	51-2	3214299	3216907	3252048	3227751	0.65	cps
Yttrium	89-1	19148670	19114941	19247941	19170517	0.36	cps
Yttrium	89-2	2611251	2631798	2644505	2629185	0.64	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 14:58:32	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1489496	1494229	1499926	1494551	0.35	cps
Zirconium	90-1	21548154	21796666	21911761	21752194	0.85	cps
Zirconium	91-1	4806390	4896264	4879164	4860606	0.98	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:02:19	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5823607	5835877	5848562	5836015	0.21	cps
Antimony	121-1	22903116	23044521	22936277	22961304	0.32	cps
Arsenic	75-2	819118	818685	820637	819480	0.13	cps
Barium	135-1	30835970	30795985	30963389	30865115	0.28	cps
Barium	137-1	53532503	53921537	54331662	53928567	0.74	cps
Beryllium	9-1	6093362	6105412	6067511	6088761	0.32	cps
Bismuth	209-1	16079804	16225845	16137169	16147606	0.46	cps
Bismuth	209-2	8527541	8585799	8527686	8547009	0.39	cps
Boron	10-1	1343950	1380076	1362550	1362192	1.33	cps
Boron	11-1	6290894	6427569	6420594	6379686	1.21	cps
Cadmium	111-1	7169755	7207897	7259801	7212484	0.63	cps
Cadmium	106-1	816095	805735	819938	813923	0.90	cps
Cadmium	108-1	563511	560559	562061	562044	0.26	cps
Calcium	43-1	8425470	8419336	8367947	8404251	0.38	cps
Calcium	44-1	135091570	136585716	136140428	135939238	0.56	cps
Chromium	52-2	8117512	8117978	8054783	8096758	0.45	cps
Cobalt	59-2	13651240	13625827	13593089	13623385	0.21	cps
Copper	63-2	18899951	18896702	18850575	18882409	0.15	cps
Dysprosium	156-1	492	442	533	489	9.39	cps
Dysprosium	156-2	417	393	417	409	3.29	cps
Erbium	164-1	58	183	83	108	61.05	cps
Erbium	164-2	53	73	50	59	21.43	cps
Gadolinium	160-1	317	208	267	264	20.55	cps
Gadolinium	160-2	357	320	357	344	6.15	cps
Holmium	165-1	25905556	25900760	25998955	25935091	0.21	cps
Holmium	165-2	12597033	12614784	12660644	12624153	0.26	cps
Indium	115-1	18373134	18512685	18356507	18414108	0.47	cps
Indium	115-2	3322756	3344504	3350431	3339230	0.44	cps
Iron	56-2	360187808	363569353	359862697	361206619	0.57	cps
Iron	57-2	8851543	8882253	8726408	8820068	0.94	cps
Krypton	83-1	827	930	877	878	5.89	cps
Lead	206-1	22523136	22648676	22699665	22623826	0.40	cps
Lead	207-1	20190294	20381964	20444547	20338935	0.65	cps
Lead	208-1	90388556	90937785	91204616	90843652	0.46	cps
Lithium	6-1	5853234	5927952	5828984	5870056	0.88	cps
Magnesium	24-2	70101345	69768433	70220233	70030004	0.33	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:02:19 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9955586	9978583	9849206	9927792	0.70	cps
Molybdenum	94-1	51828687	51943788	51743394	51838623	0.19	cps
Molybdenum	95-1	63199462	63676908	63724874	63533748	0.46	cps
Molybdenum	96-1	69926272	70391745	70595174	70304397	0.49	cps
Molybdenum	97-1	39493194	39500965	39424373	39472844	0.11	cps
Molybdenum	98-1	102776098	102641609	102855565	102757757	0.11	cps
Neodymium	150-1	2554	2607	2660	2607	2.05	cps
Neodymium	150-2	263	240	203	236	12.84	cps
Nickel	60-2	3466799	3499333	3489988	3485373	0.48	cps
Phosphorus	31-2	318908	321810	321523	320747	0.50	cps
Potassium	39-2	28557825	28551135	28663541	28590834	0.22	cps
Rhodium	103-1	16847446	16837750	16770413	16818536	0.25	cps
Rhodium	103-2	7987999	8004139	7909183	7967107	0.64	cps
Scandium	45-1	12302312	12370298	12314450	12329020	0.29	cps
Scandium	45-2	533887	534783	535876	534849	0.19	cps
Selenium	77-2	23733	25119	23773	24208	3.26	cps
Selenium	78-2	80399	80732	81026	80719	0.39	cps
Selenium	82-1	562551	561861	564264	562892	0.22	cps
Silicon	28-1	18595617	18921329	18948999	18821981	1.04	cps
Silver	109-1	32967853	33357485	33172559	33165966	0.59	cps
Silver	107-1	34494895	34183764	34420498	34366385	0.47	cps
Sodium	23-2	122968057	123541149	123270378	123259861	0.23	cps
Strontium	86-1	8348160	8381674	8476581	8402138	0.79	cps
Strontium	88-1	73207752	73604652	73497691	73436698	0.28	cps
Sulfur	34-1	3808568	3804844	3816860	3810091	0.16	cps
Terbium	159-1	25881505	26096922	25976663	25985030	0.42	cps
Terbium	159-2	12250495	12202489	12232359	12228448	0.20	cps
Thallium	203-1	27593154	27503728	27718810	27605230	0.39	cps
Thallium	205-1	66535304	66511445	66813572	66620107	0.25	cps
Thorium	232-1	95824377	95689488	96726924	96080263	0.59	cps
Tin	118-1	22063852	22392171	22362929	22272984	0.82	cps
Titanium	47-1	18785348	18946504	18895973	18875941	0.44	cps
Uranium	238-1	94364883	95926029	95054881	95115265	0.82	cps
Vanadium	51-2	6412112	6398537	6424581	6411744	0.20	cps
Yttrium	89-1	19103332	19377486	19223784	19234867	0.71	cps
Yttrium	89-2	2578559	2597298	2593934	2589930	0.39	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:02:19	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2794382	2822089	2820695	2812389	0.56	cps
Zirconium	90-1	42966517	43307205	43492617	43255446	0.62	cps
Zirconium	91-1	9662331	9744411	9727407	9711383	0.45	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:06:10	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29352566	29583712	29857577	29597952	0.85	cps
Antimony	121-1	25766	26810	26526	26367	2.05	cps
Arsenic	75-2	1030	1044	1115	1063	4.28	cps
Barium	135-1	6218	6652	5801	6224	6.83	cps
Barium	137-1	11030	11272	9487	10596	9.14	cps
Beryllium	9-1	1060	1190	983	1078	9.69	cps
Bismuth	209-1	12978134	13064926	12875705	12972922	0.73	cps
Bismuth	209-2	6973932	7012694	7062997	7016541	0.64	cps
Boron	10-1	28878	26307	24997	26727	7.39	cps
Boron	11-1	135109	124181	114306	124532	8.36	cps
Cadmium	111-1	7258	6873	7274	7135	3.18	cps
Cadmium	106-1	8461	8044	8745	8417	4.19	cps
Cadmium	108-1	129	167	104	133	23.59	cps
Calcium	43-1	39890949	40184484	39796112	39957182	0.51	cps
Calcium	44-1	653175381	654177331	653141631	653498115	0.09	cps
Chromium	52-2	68408	68575	68739	68574	0.24	cps
Cobalt	59-2	150095	151479	152048	151207	0.66	cps
Copper	63-2	25035	24701	25452	25063	1.50	cps
Dysprosium	156-1	308	242	233	261	15.74	cps
Dysprosium	156-2	143	120	87	117	24.41	cps
Erbium	164-1	108	142	150	133	16.54	cps
Erbium	164-2	53	67	57	59	11.79	cps
Gadolinium	160-1	325	333	308	322	3.95	cps
Gadolinium	160-2	367	403	397	389	5.02	cps
Holmium	165-1	23788158	23959007	23608768	23785311	0.74	cps
Holmium	165-2	11644224	11689924	11714609	11682919	0.31	cps
Indium	115-1	17442650	17398249	17250950	17363950	0.58	cps
Indium	115-2	3254094	3279835	3287340	3273756	0.53	cps
Iron	56-2	1691359816	1694621638	1706860838	1697614097	0.48	cps
Iron	57-2	41565926	41449634	41727872	41581144	0.34	cps
Krypton	83-1	910	923	960	931	2.78	cps
Lead	206-1	23571	24300	24039	23970	1.54	cps
Lead	207-1	20745	20689	20043	20492	1.90	cps
Lead	208-1	94199	93991	92203	93465	1.17	cps
Lithium	6-1	5252616	5277781	5231469	5253955	0.44	cps
Magnesium	24-2	319298507	324134641	321955657	321796268	0.75	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:06:10	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47794	49028	48650	48491	1.30	cps
Molybdenum	94-1	30550	30007	28221	29593	4.12	cps
Molybdenum	95-1	46511	46167	45624	46101	0.97	cps
Molybdenum	96-1	65400	62320	58789	62170	5.32	cps
Molybdenum	97-1	27811	26167	24706	26228	5.92	cps
Molybdenum	98-1	67511	64313	59115	63646	6.66	cps
Neodymium	150-1	473	433	447	451	4.51	cps
Neodymium	150-2	157	207	160	174	16.03	cps
Nickel	60-2	44140	43765	43715	43873	0.53	cps
Phosphorus	31-2	467	467	408	447	7.53	cps
Potassium	39-2	145876012	146549503	147514016	146646510	0.56	cps
Rhodium	103-1	14390224	14484833	14250062	14375040	0.82	cps
Rhodium	103-2	6944106	6970302	7024196	6979535	0.59	cps
Scandium	45-1	11683508	11595729	11605580	11628272	0.41	cps
Scandium	45-2	515359	518025	527382	520255	1.21	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	104	130	124	119	11.46	cps
Selenium	82-1	322	252	233	269	17.51	cps
Silicon	28-1	1237091	1251471	1237680	1242081	0.66	cps
Silver	109-1	5576	5818	4292	5229	15.68	cps
Silver	107-1	5735	5735	4759	5410	10.41	cps
Sodium	23-2	614080947	620560097	621522447	618721164	0.65	cps
Strontium	86-1	34309	35169	35654	35044	1.94	cps
Strontium	88-1	292564	291479	288753	290932	0.67	cps
Sulfur	34-1	595891	600242	604626	600253	0.73	cps
Terbium	159-1	23925179	23902750	23774739	23867556	0.34	cps
Terbium	159-2	11241684	11361062	11386395	11329714	0.68	cps
Thallium	203-1	7686	8170	7044	7633	7.40	cps
Thallium	205-1	18430	19148	16669	18082	7.05	cps
Thorium	232-1	17240	17179	12918	15779	15.70	cps
Tin	118-1	22995	22778	22110	22627	2.04	cps
Titanium	47-1	6460	6635	6127	6407	4.03	cps
Uranium	238-1	12181	12790	10363	11778	10.72	cps
Vanadium	51-2	1380	1367	1450	1399	3.20	cps
Yttrium	89-1	17803137	17929190	17765384	17832570	0.48	cps
Yttrium	89-2	2495782	2505629	2532253	2511221	0.75	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:06:10	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	22104	21897	22805	22268	2.14	cps
Zirconium	90-1	14349	14166	13690	14069	2.42	cps
Zirconium	91-1	3301	3259	3159	3239	2.25	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:10:04 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173106	173723	172348	173059	0.40	cps
Antimony	121-1	4796696	4824398	4837071	4819388	0.43	cps
Arsenic	75-2	184186	183034	181775	182998	0.66	cps
Barium	135-1	632350	635102	635437	634296	0.27	cps
Barium	137-1	1109570	1113801	1132082	1118484	1.07	cps
Beryllium	9-1	673490	678114	677140	676248	0.36	cps
Bismuth	209-1	17788011	17528565	17478528	17598368	0.94	cps
Bismuth	209-2	9768417	9714042	9730773	9737744	0.29	cps
Boron	10-1	15250	14908	15175	15111	1.19	cps
Boron	11-1	70482	69068	65568	68373	3.70	cps
Cadmium	111-1	790538	794382	802448	795789	0.76	cps
Cadmium	106-1	80060	78233	79926	79406	1.28	cps
Cadmium	108-1	51502	51974	53681	52386	2.19	cps
Calcium	43-1	178447	181941	182454	180947	1.21	cps
Calcium	44-1	2955812	2970706	2963168	2963228	0.25	cps
Chromium	52-2	862799	853056	855510	857122	0.59	cps
Cobalt	59-2	1507453	1500839	1495835	1501376	0.39	cps
Copper	63-2	1104005	1095676	1095152	1098278	0.45	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	20	20	20	20	0.00	cps
Erbium	164-1	258	300	258	272	8.84	cps
Erbium	164-2	127	123	100	117	12.46	cps
Gadolinium	160-1	183	167	142	164	12.80	cps
Gadolinium	160-2	367	350	420	379	9.65	cps
Holmium	165-1	26248142	26506736	26006302	26253727	0.95	cps
Holmium	165-2	13388651	13314526	13207486	13303554	0.68	cps
Indium	115-1	20351489	20415320	20121403	20296071	0.76	cps
Indium	115-2	3903706	3886905	3860849	3883820	0.56	cps
Iron	56-2	8040804	7985444	7942410	7989553	0.62	cps
Iron	57-2	194354	192743	192237	193111	0.57	cps
Krypton	83-1	703	847	890	813	12.01	cps
Lead	206-1	4789344	4870552	4888869	4849588	1.09	cps
Lead	207-1	4152592	4185176	4228712	4188827	0.91	cps
Lead	208-1	18904662	18983039	19121173	19002958	0.58	cps
Lithium	6-1	6333715	6339587	6286692	6319998	0.46	cps
Magnesium	24-2	878031	865431	859890	867784	1.07	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:10:04 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	524687	528006	518191	523628	0.95	cps
Molybdenum	94-1	2859	2942	2809	2870	2.35	cps
Molybdenum	95-1	3626	3784	3159	3523	9.23	cps
Molybdenum	96-1	3984	3942	3109	3678	13.42	cps
Molybdenum	97-1	2259	2300	2025	2195	6.75	cps
Molybdenum	98-1	5510	5151	4368	5009	11.66	cps
Neodymium	150-1	60	67	93	73	24.06	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	407879	407493	403070	406147	0.66	cps
Phosphorus	31-2	267	442	258	322	32.13	cps
Potassium	39-2	1305579	1293062	1289177	1295940	0.66	cps
Rhodium	103-1	18959310	18822401	18808582	18863431	0.44	cps
Rhodium	103-2	9212867	9104480	9187644	9168330	0.62	cps
Scandium	45-1	13178696	13081288	13089002	13116329	0.41	cps
Scandium	45-2	572816	570924	569664	571135	0.28	cps
Selenium	77-2	5671	5478	5961	5703	4.27	cps
Selenium	78-2	18938	18855	19200	18998	0.95	cps
Selenium	82-1	128299	128430	127921	128217	0.21	cps
Silicon	28-1	645142	639373	639246	641254	0.53	cps
Silver	109-1	3675078	3754862	3771961	3733967	1.38	cps
Silver	107-1	3843498	3821010	3897033	3853847	1.01	cps
Sodium	23-2	2762332	2769230	2725796	2752453	0.85	cps
Strontium	86-1	22059	22477	22585	22374	1.24	cps
Strontium	88-1	177738	178193	178277	178069	0.16	cps
Sulfur	34-1	686994	678965	686549	684169	0.66	cps
Terbium	159-1	26529962	26457893	26438635	26475497	0.18	cps
Terbium	159-2	12955066	12909095	12884438	12916199	0.28	cps
Thallium	203-1	5984893	6074879	6115501	6058424	1.10	cps
Thallium	205-1	14253246	14295743	14404243	14317744	0.54	cps
Thorium	232-1	4240	4156	3617	4004	8.44	cps
Tin	118-1	6160	6277	6318	6252	1.31	cps
Titanium	47-1	850	933	983	922	7.30	cps
Uranium	238-1	3984	3851	3542	3792	5.98	cps
Vanadium	51-2	674851	667707	665383	669314	0.74	cps
Yttrium	89-1	20394905	20190898	20084140	20223315	0.78	cps
Yttrium	89-2	2838181	2820119	2810039	2822780	0.51	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:10:04	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	338184	336303	334618	336369	0.53	cps
Zirconium	90-1	2267	2642	2042	2317	13.09	cps
Zirconium	91-1	1583	1408	1542	1511	6.05	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:13:40 DataFile Name : 013LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6043	6126	6260	6143	1.78	cps
Antimony	121-1	50048	49087	48251	49129	1.83	cps
Arsenic	75-2	900	917	872	896	2.50	cps
Barium	135-1	63245	62173	62650	62689	0.86	cps
Barium	137-1	110782	108354	109530	109555	1.11	cps
Beryllium	9-1	6918	7152	6888	6986	2.06	cps
Bismuth	209-1	17862137	17788197	17777784	17809373	0.26	cps
Bismuth	209-2	9760187	9634506	9568339	9654344	1.01	cps
Boron	10-1	44391	43932	43146	43823	1.44	cps
Boron	11-1	204063	202120	204359	203514	0.60	cps
Cadmium	111-1	14536	14329	14363	14409	0.77	cps
Cadmium	106-1	10221	9896	10037	10051	1.62	cps
Cadmium	108-1	596	625	683	635	7.02	cps
Calcium	43-1	42780	43006	42295	42693	0.85	cps
Calcium	44-1	711887	700992	696931	703270	1.10	cps
Chromium	52-2	18542	18632	18562	18579	0.25	cps
Cobalt	59-2	14574	14357	14401	14444	0.79	cps
Copper	63-2	23175	23703	23456	23445	1.13	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	7	10	20	12	56.76	cps
Erbium	164-1	108	75	58	81	31.60	cps
Erbium	164-2	40	37	30	36	14.32	cps
Gadolinium	160-1	242	192	150	194	23.60	cps
Gadolinium	160-2	333	340	297	323	7.22	cps
Holmium	165-1	26289692	26443818	26317500	26350337	0.31	cps
Holmium	165-2	13089446	13027078	12984338	13033621	0.41	cps
Indium	115-1	20487712	20402334	20596019	20495355	0.47	cps
Indium	115-2	3773606	3762817	3758926	3765116	0.20	cps
Iron	56-2	413053	413835	407653	411513	0.82	cps
Iron	57-2	10776	10120	10360	10419	3.19	cps
Krypton	83-1	807	877	997	893	10.76	cps
Lead	206-1	26226	25592	26110	25976	1.30	cps
Lead	207-1	22258	21796	22186	22080	1.13	cps
Lead	208-1	101887	100818	102417	101707	0.80	cps
Lithium	6-1	6406130	6369249	6382105	6385828	0.29	cps
Magnesium	24-2	354033	350916	345436	350128	1.24	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:13:40	DataFile Name :	013LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5318	5441	5394	5384	1.16	cps
Molybdenum	94-1	54204	53912	54748	54288	0.78	cps
Molybdenum	95-1	67652	66288	65802	66581	1.44	cps
Molybdenum	96-1	73280	75349	72384	73671	2.06	cps
Molybdenum	97-1	40818	40617	41545	40993	1.19	cps
Molybdenum	98-1	106637	105523	108628	106929	1.47	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	4291	3761	4111	4054	6.65	cps
Phosphorus	31-2	1133	1292	1000	1142	12.79	cps
Potassium	39-2	341312	339385	338099	339598	0.48	cps
Rhodium	103-1	19230446	18892638	19067504	19063529	0.89	cps
Rhodium	103-2	9152662	9053339	9068674	9091558	0.59	cps
Scandium	45-1	13211502	13087713	13229454	13176223	0.59	cps
Scandium	45-2	557360	558175	554905	556813	0.31	cps
Selenium	77-2	127	187	137	150	21.43	cps
Selenium	78-2	620	593	559	591	5.18	cps
Selenium	82-1	3252	3262	3124	3213	2.40	cps
Silicon	28-1	765792	764890	765927	765536	0.07	cps
Silver	109-1	38570	37860	36565	37665	2.70	cps
Silver	107-1	40609	38236	38645	39163	3.24	cps
Sodium	23-2	707050	707087	701469	705202	0.46	cps
Strontium	86-1	9745	10254	9971	9990	2.55	cps
Strontium	88-1	73204	72375	73363	72980	0.73	cps
Sulfur	34-1	670637	668845	666825	668769	0.29	cps
Terbium	159-1	26853685	26619206	26823019	26765303	0.48	cps
Terbium	159-2	12582504	12682556	12731672	12665577	0.60	cps
Thallium	203-1	29283	30235	30018	29846	1.67	cps
Thallium	205-1	73319	70613	72004	71979	1.88	cps
Thorium	232-1	89155	90353	89425	89644	0.70	cps
Tin	118-1	117018	114222	116513	115918	1.29	cps
Titanium	47-1	19697	20373	19822	19964	1.80	cps
Uranium	238-1	87187	87374	85568	86710	1.15	cps
Vanadium	51-2	34216	34363	33167	33916	1.92	cps
Yttrium	89-1	20299403	20290998	20424705	20338368	0.37	cps
Yttrium	89-2	2769731	2753797	2772285	2765271	0.36	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:13:40	DataFile Name :	013LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3777	3727	3631	3712	2.01	cps
Zirconium	90-1	43592	43116	43517	43408	0.59	cps
Zirconium	91-1	9887	10012	9804	9901	1.06	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:17:16 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	150	167	181	21.81	cps
Antimony	121-1	1092	1300	1225	1206	8.75	cps
Arsenic	75-2	35	30	37	34	11.36	cps
Barium	135-1	133	150	192	158	18.98	cps
Barium	137-1	267	350	325	314	13.62	cps
Beryllium	9-1	213	320	340	291	23.39	cps
Bismuth	209-1	17790633	17582553	17811440	17728209	0.71	cps
Bismuth	209-2	9747621	9660443	9623570	9677212	0.66	cps
Boron	10-1	7952	7636	7519	7702	2.91	cps
Boron	11-1	35751	36571	34265	35529	3.29	cps
Cadmium	111-1	6185	6246	6549	6326	3.08	cps
Cadmium	106-1	8711	8795	9162	8889	2.70	cps
Cadmium	108-1	13	33	21	22	47.18	cps
Calcium	43-1	408	425	692	508	31.28	cps
Calcium	44-1	16218	16952	18529	17233	6.85	cps
Chromium	52-2	2277	2294	2510	2360	5.52	cps
Cobalt	59-2	157	160	193	170	11.93	cps
Copper	63-2	2857	2710	2980	2849	4.74	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	100	142	58	100	41.67	cps
Erbium	164-2	53	27	13	31	65.47	cps
Gadolinium	160-1	192	175	133	167	18.03	cps
Gadolinium	160-2	330	317	297	314	5.33	cps
Holmium	165-1	26217460	26003802	26116543	26112602	0.41	cps
Holmium	165-2	13004031	12889714	12940529	12944758	0.44	cps
Indium	115-1	20389581	20377588	20589195	20452122	0.58	cps
Indium	115-2	3718922	3739972	3740634	3733176	0.33	cps
Iron	56-2	16348	16710	15948	16335	2.33	cps
Iron	57-2	439	306	361	369	18.17	cps
Krypton	83-1	917	833	957	902	6.97	cps
Lead	206-1	2567	2606	2739	2637	3.43	cps
Lead	207-1	2106	2373	2489	2323	8.46	cps
Lead	208-1	10385	10619	10719	10574	1.62	cps
Lithium	6-1	6420799	6397258	6373551	6397203	0.37	cps
Magnesium	24-2	1558	1767	1483	1603	9.16	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:17:16 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	93	127	111	15.10	cps
Molybdenum	94-1	917	942	1217	1025	16.24	cps
Molybdenum	95-1	883	875	983	914	6.60	cps
Molybdenum	96-1	900	1058	1183	1047	13.56	cps
Molybdenum	97-1	500	458	567	508	10.75	cps
Molybdenum	98-1	1258	1358	1317	1311	3.83	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	143	147	133	141	4.92	cps
Phosphorus	31-2	258	300	267	275	8.02	cps
Potassium	39-2	44217	43857	43080	43718	1.33	cps
Rhodium	103-1	18792404	19085857	18826036	18901432	0.85	cps
Rhodium	103-2	9102228	9055297	9053809	9070445	0.30	cps
Scandium	45-1	13111596	13074599	12960468	13048888	0.60	cps
Scandium	45-2	552774	552594	557144	554170	0.46	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	93	81	96	90	8.56	cps
Selenium	82-1	-33	74	-58	-6	-1268.62	cps
Silicon	28-1	569069	560514	564956	564846	0.76	cps
Silver	109-1	433	517	417	456	11.76	cps
Silver	107-1	700	733	758	731	4.01	cps
Sodium	23-2	71135	72224	72291	71883	0.90	cps
Strontium	86-1	1400	1684	1408	1497	10.77	cps
Strontium	88-1	450	475	600	508	15.81	cps
Sulfur	34-1	654172	661344	663341	659619	0.73	cps
Terbium	159-1	26333715	26444490	26245962	26341389	0.38	cps
Terbium	159-2	12635974	12612223	12594186	12614128	0.17	cps
Thallium	203-1	2159	2175	2292	2209	3.29	cps
Thallium	205-1	4984	5093	5060	5046	1.10	cps
Thorium	232-1	1656	1811	1750	1739	4.51	cps
Tin	118-1	1909	1500	1917	1775	13.42	cps
Titanium	47-1	325	350	242	306	18.56	cps
Uranium	238-1	333	475	717	508	38.13	cps
Vanadium	51-2	23	27	43	31	34.44	cps
Yttrium	89-1	20273671	20159952	20047458	20160360	0.56	cps
Yttrium	89-2	2719060	2722670	2731708	2724480	0.24	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:17:16	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	353	377	387	372	4.60	cps
Zirconium	90-1	1475	1292	1442	1403	6.96	cps
Zirconium	91-1	350	267	258	292	17.38	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:20:53 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27165813	26990267	27016869	27057650	0.35	cps
Antimony	121-1	24956	25891	25065	25304	2.02	cps
Arsenic	75-2	296	270	315	294	7.60	cps
Barium	135-1	9745	9329	9303	9459	2.62	cps
Barium	137-1	16001	15443	15459	15634	2.03	cps
Beryllium	9-1	1970	1927	1933	1943	1.20	cps
Bismuth	209-1	14938280	15221917	15481126	15213774	1.78	cps
Bismuth	209-2	8265034	8293313	7915429	8157926	2.58	cps
Boron	10-1	6185	6585	5918	6229	5.39	cps
Boron	11-1	30240	29714	29279	29744	1.62	cps
Cadmium	111-1	11091	11257	10622	10990	3.00	cps
Cadmium	106-1	8344	8753	8394	8497	2.62	cps
Cadmium	108-1	9645	9954	9549	9716	2.18	cps
Calcium	43-1	8379182	8386130	8285884	8350399	0.67	cps
Calcium	44-1	137104182	135531799	135515299	136050427	0.67	cps
Chromium	52-2	201856	201493	199057	200802	0.76	cps
Cobalt	59-2	16463	16296	16416	16392	0.53	cps
Copper	63-2	81348	80044	81458	80950	0.97	cps
Dysprosium	156-1	158	100	100	119	28.20	cps
Dysprosium	156-2	33	43	77	51	44.40	cps
Erbium	164-1	183	133	150	156	16.37	cps
Erbium	164-2	110	67	70	82	29.33	cps
Gadolinium	160-1	250	233	325	269	18.12	cps
Gadolinium	160-2	320	360	280	320	12.50	cps
Holmium	165-1	25389640	25202312	25807683	25466545	1.22	cps
Holmium	165-2	12491932	12488957	11978008	12319632	2.40	cps
Indium	115-1	18274046	18364304	18801383	18479911	1.53	cps
Indium	115-2	3414351	3401837	3260171	3358786	2.55	cps
Iron	56-2	712910949	705698149	708470238	709026445	0.51	cps
Iron	57-2	17511480	17344036	17438959	17431492	0.48	cps
Krypton	83-1	780	817	880	826	6.13	cps
Lead	206-1	111015	109313	110483	110270	0.79	cps
Lead	207-1	86845	85798	85508	86050	0.82	cps
Lead	208-1	405425	405789	404179	405131	0.21	cps
Lithium	6-1	5795787	5881093	5962072	5879651	1.41	cps
Magnesium	24-2	66853587	66391047	66575283	66606639	0.35	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:20:53 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	38069	38674	38564	38436	0.84	cps
Molybdenum	94-1	13968640	13864507	13948083	13927076	0.40	cps
Molybdenum	95-1	24703072	24598693	24442779	24581515	0.53	cps
Molybdenum	96-1	26329534	26214357	26106976	26216956	0.42	cps
Molybdenum	97-1	15314974	15248245	15130005	15231074	0.62	cps
Molybdenum	98-1	39634321	39300294	39442390	39459002	0.42	cps
Neodymium	150-1	120	93	147	120	22.22	cps
Neodymium	150-2	23	30	37	30	22.23	cps
Nickel	60-2	18695	18936	18489	18707	1.20	cps
Phosphorus	31-2	1547139	1537092	1552634	1545622	0.51	cps
Potassium	39-2	57376220	56958176	57474983	57269793	0.48	cps
Rhodium	103-1	16247065	16482200	16751727	16493664	1.53	cps
Rhodium	103-2	7937836	7956223	7657583	7850548	2.13	cps
Scandium	45-1	12156746	12249090	12471970	12292602	1.32	cps
Scandium	45-2	533255	528111	509185	523517	2.42	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	70	81	107	86	21.99	cps
Selenium	82-1	182	227	71	160	50.29	cps
Silicon	28-1	980620	1010590	1020533	1003915	2.07	cps
Silver	109-1	1567	2167	2134	1956	17.24	cps
Silver	107-1	1659	2075	2300	2011	16.19	cps
Sodium	23-2	123040215	123968257	123413782	123474085	0.38	cps
Strontium	86-1	284719	282601	285214	284178	0.49	cps
Strontium	88-1	2429913	2483263	2470114	2461097	1.13	cps
Sulfur	34-1	12895765	12907933	12865425	12889708	0.17	cps
Terbium	159-1	25203216	25396357	26049935	25549836	1.74	cps
Terbium	159-2	12160240	12116604	11723688	12000177	2.00	cps
Thallium	203-1	4876	5010	6152	5346	13.12	cps
Thallium	205-1	11622	12640	13282	12515	6.69	cps
Thorium	232-1	1672	2067	1867	1869	10.56	cps
Tin	118-1	4809	4951	4326	4695	6.98	cps
Titanium	47-1	7637382	7694882	7677942	7670069	0.39	cps
Uranium	238-1	1559	1717	1659	1645	4.87	cps
Vanadium	51-2	1070	1067	1110	1082	2.23	cps
Yttrium	89-1	18797996	18995536	19356495	19050009	1.49	cps
Yttrium	89-2	2586234	2604534	2475636	2555468	2.73	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:20:53	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	19163	18819	19129	19037	1.00	cps
Zirconium	90-1	2192	2367	2250	2270	3.93	cps
Zirconium	91-1	392	592	458	481	21.19	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:28:17 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27536384	27818271	27758923	27704526	0.54	cps
Antimony	121-1	471284	478491	478641	476139	0.88	cps
Arsenic	75-2	15992	16328	16339	16220	1.21	cps
Barium	135-1	131678	134480	134732	133630	1.27	cps
Barium	137-1	230111	233058	235931	233033	1.25	cps
Beryllium	9-1	124888	125194	125413	125165	0.21	cps
Bismuth	209-1	15577654	15519889	15720593	15606045	0.66	cps
Bismuth	209-2	8318560	8272327	8303359	8298082	0.28	cps
Boron	10-1	80164	81335	81244	80914	0.81	cps
Boron	11-1	375733	379485	377455	377558	0.50	cps
Cadmium	111-1	153027	153783	154259	153690	0.40	cps
Cadmium	106-1	29774	29582	30743	30033	2.07	cps
Cadmium	108-1	23103	22694	22543	22780	1.27	cps
Calcium	43-1	8509435	8554696	8517021	8527051	0.28	cps
Calcium	44-1	138755982	138004511	139006524	138589006	0.38	cps
Chromium	52-2	343684	342643	345014	343780	0.35	cps
Cobalt	59-2	286853	285494	286808	286385	0.27	cps
Copper	63-2	272338	273087	274587	273337	0.42	cps
Dysprosium	156-1	108	117	133	119	10.66	cps
Dysprosium	156-2	33	37	60	43	33.53	cps
Erbium	164-1	183	192	225	200	11.02	cps
Erbium	164-2	77	107	63	82	27.00	cps
Gadolinium	160-1	192	358	175	242	41.95	cps
Gadolinium	160-2	453	303	293	350	25.61	cps
Holmium	165-1	26585036	26228544	26624831	26479470	0.82	cps
Holmium	165-2	12665381	12805922	12680166	12717156	0.61	cps
Indium	115-1	19386618	19083256	19246858	19238911	0.79	cps
Indium	115-2	3428776	3462695	3466873	3452781	0.61	cps
Iron	56-2	720843461	727105550	726311550	724753520	0.47	cps
Iron	57-2	17797841	17825761	17932061	17851887	0.40	cps
Krypton	83-1	970	970	830	923	8.75	cps
Lead	206-1	549273	554095	555235	552867	0.57	cps
Lead	207-1	448294	452687	452250	451077	0.54	cps
Lead	208-1	2074971	2103116	2093019	2090369	0.68	cps
Lithium	6-1	6081491	5996576	6047143	6041737	0.71	cps
Magnesium	24-2	68304272	68618889	68413414	68445525	0.23	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:28:17	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	136196	135647	136449	136097	0.30	cps
Molybdenum	94-1	15519447	15502559	15489603	15503870	0.10	cps
Molybdenum	95-1	25754587	25714616	25687124	25718776	0.13	cps
Molybdenum	96-1	27620785	27569322	27561624	27583910	0.12	cps
Molybdenum	97-1	16026212	15899201	16018124	15981179	0.44	cps
Molybdenum	98-1	41215561	41449072	41484907	41383180	0.35	cps
Neodymium	150-1	107	180	173	153	26.45	cps
Neodymium	150-2	53	37	37	42	22.78	cps
Nickel	60-2	89334	89384	88928	89215	0.28	cps
Phosphorus	31-2	1588713	1601749	1600578	1597013	0.45	cps
Potassium	39-2	58520720	59065130	59234947	58940266	0.63	cps
Rhodium	103-1	17204239	16979823	17260881	17148314	0.87	cps
Rhodium	103-2	8083876	8117648	8117410	8106311	0.24	cps
Scandium	45-1	12966581	12700774	12999979	12889111	1.27	cps
Scandium	45-2	548854	548251	547376	548160	0.14	cps
Selenium	77-2	497	523	483	501	4.06	cps
Selenium	78-2	1628	1637	1639	1635	0.36	cps
Selenium	82-1	10871	11103	11379	11117	2.29	cps
Silicon	28-1	1989102	2024828	2020626	2011519	0.97	cps
Silver	109-1	633801	632104	626430	630778	0.61	cps
Silver	107-1	655918	650127	659900	655315	0.75	cps
Sodium	23-2	127389961	126272378	128019253	127227197	0.70	cps
Strontium	86-1	725072	735381	729419	729957	0.71	cps
Strontium	88-1	6352370	6396876	6425658	6391635	0.58	cps
Sulfur	34-1	13103375	13202156	13128089	13144540	0.39	cps
Terbium	159-1	26613155	26237190	26713745	26521363	0.95	cps
Terbium	159-2	12372341	12422931	12315600	12370291	0.43	cps
Thallium	203-1	550008	561523	567607	559713	1.60	cps
Thallium	205-1	1324636	1345251	1346928	1338938	0.93	cps
Thorium	232-1	58550	60157	59532	59413	1.36	cps
Tin	118-1	1122581	1124551	1120866	1122666	0.16	cps
Titanium	47-1	8090318	8072625	8104655	8089199	0.20	cps
Uranium	238-1	4736516	4776380	4734931	4749276	0.49	cps
Vanadium	51-2	126002	127062	126315	126460	0.43	cps
Yttrium	89-1	19859720	19608966	19967156	19811947	0.93	cps
Yttrium	89-2	2640773	2651831	2644163	2645589	0.21	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:28:17	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	48447	48009	48260	48238	0.46	cps
Zirconium	90-1	2290933	2300328	2286694	2292652	0.30	cps
Zirconium	91-1	498775	512423	505858	505685	1.35	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:31:59	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17373930	17303263	17457618	17378271	0.44	cps
Antimony	121-1	11658535	11732693	11858538	11749922	0.86	cps
Arsenic	75-2	422859	423320	426018	424066	0.40	cps
Barium	135-1	16164101	16051671	16571531	16262434	1.68	cps
Barium	137-1	28286568	28198432	28749505	28411502	1.04	cps
Beryllium	9-1	3175076	3176208	3202024	3184436	0.48	cps
Bismuth	209-1	14795218	14802769	14844519	14814169	0.18	cps
Bismuth	209-2	7897754	7875011	7860985	7877917	0.24	cps
Boron	10-1	687992	701917	711277	700395	1.67	cps
Boron	11-1	3261984	3352760	3336519	3317088	1.46	cps
Cadmium	111-1	3546984	3580615	3603096	3576899	0.79	cps
Cadmium	106-1	417575	420769	417718	418688	0.43	cps
Cadmium	108-1	280323	284746	286461	283844	1.12	cps
Calcium	43-1	22281611	22290592	22579662	22383955	0.76	cps
Calcium	44-1	360256408	361830666	369035625	363707566	1.29	cps
Chromium	52-2	4400699	4453897	4443621	4432739	0.64	cps
Cobalt	59-2	7369359	7360235	7338916	7356170	0.21	cps
Copper	63-2	9670697	9770561	9830312	9757190	0.83	cps
Dysprosium	156-1	550	500	333	461	24.60	cps
Dysprosium	156-2	310	303	260	291	9.33	cps
Erbium	164-1	125	125	200	150	28.87	cps
Erbium	164-2	77	57	70	68	15.02	cps
Gadolinium	160-1	342	325	350	339	3.76	cps
Gadolinium	160-2	433	403	397	411	4.75	cps
Holmium	165-1	26270914	26488821	26166389	26308708	0.63	cps
Holmium	165-2	12731916	12804887	12655801	12730868	0.59	cps
Indium	115-1	18977803	19169866	18989171	19045613	0.57	cps
Indium	115-2	3470854	3516679	3515080	3500871	0.74	cps
Iron	56-2	961680910	966605666	965860844	964715807	0.28	cps
Iron	57-2	23529115	23595049	23583140	23569101	0.15	cps
Krypton	83-1	1043	1013	960	1006	4.20	cps
Lead	206-1	11086792	11153052	11216837	11152227	0.58	cps
Lead	207-1	9871617	9942156	9958369	9924047	0.46	cps
Lead	208-1	44247953	44535739	44762191	44515294	0.58	cps
Lithium	6-1	5909001	5897890	5916350	5907747	0.16	cps
Magnesium	24-2	183421625	182167083	184205879	183264862	0.56	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:31:59	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5372316	5388034	5395018	5385123	0.22	cps
Molybdenum	94-1	27832818	27895904	28012126	27913616	0.33	cps
Molybdenum	95-1	33956647	34038265	34190159	34061690	0.35	cps
Molybdenum	96-1	37432638	37777898	37893019	37701185	0.64	cps
Molybdenum	97-1	21005178	21060728	21437703	21167870	1.11	cps
Molybdenum	98-1	54630364	55057707	55733341	55140471	1.01	cps
Neodymium	150-1	1680	1713	1740	1711	1.76	cps
Neodymium	150-2	197	253	223	224	12.63	cps
Nickel	60-2	1854820	1863083	1865476	1861126	0.30	cps
Phosphorus	31-2	175065	174662	176498	175408	0.55	cps
Potassium	39-2	79525789	80374798	80685298	80195295	0.75	cps
Rhodium	103-1	16523263	16761238	16755839	16680113	0.81	cps
Rhodium	103-2	7891504	7963411	7934320	7929745	0.46	cps
Scandium	45-1	13000698	13051684	13074060	13042147	0.29	cps
Scandium	45-2	564269	575353	577368	572330	1.23	cps
Selenium	77-2	12109	12462	12262	12278	1.44	cps
Selenium	78-2	41078	41127	41509	41238	0.57	cps
Selenium	82-1	274219	277875	282084	278059	1.42	cps
Silicon	28-1	10024816	10184218	10351669	10186901	1.60	cps
Silver	109-1	16484150	16468835	16599185	16517390	0.43	cps
Silver	107-1	17188157	17278584	17224411	17230384	0.26	cps
Sodium	23-2	337920408	339082724	340162216	339055116	0.33	cps
Strontium	86-1	4559765	4556154	4635533	4583818	0.98	cps
Strontium	88-1	39657157	39193119	39901798	39584024	0.91	cps
Sulfur	34-1	2404018	2427289	2461733	2431014	1.19	cps
Terbium	159-1	26423284	26462617	26455218	26447040	0.08	cps
Terbium	159-2	12300278	12340251	12363536	12334689	0.26	cps
Thallium	203-1	13736879	13742898	13902634	13794137	0.68	cps
Thallium	205-1	33034208	33241771	33377697	33217892	0.52	cps
Thorium	232-1	47593936	47236637	47915562	47582045	0.71	cps
Tin	118-1	11595250	11671946	11691504	11652900	0.44	cps
Titanium	47-1	10305809	10351359	10435933	10364367	0.64	cps
Uranium	238-1	47554523	46096081	47620417	47090340	1.83	cps
Vanadium	51-2	3518930	3570755	3550974	3546886	0.74	cps
Yttrium	89-1	19891762	19989657	20106920	19996113	0.54	cps
Yttrium	89-2	2754203	2743531	2740785	2746173	0.26	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P7
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:31:59	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1716529	1735066	1744055	1731883	0.81	cps
Zirconium	90-1	23338615	23308451	23702799	23449955	0.94	cps
Zirconium	91-1	5127258	5180406	5265372	5191012	1.34	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB64 Instrumnet Name : P7
 Client Sample ID : CCB64 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:37:41 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	433	533	467	478	10.66	cps
Antimony	121-1	2542	2175	2200	2306	8.89	cps
Arsenic	75-2	33	28	19	27	28.19	cps
Barium	135-1	583	425	392	467	21.94	cps
Barium	137-1	717	750	592	686	12.17	cps
Beryllium	9-1	390	363	333	362	7.83	cps
Bismuth	209-1	17825346	17852990	17863136	17847157	0.11	cps
Bismuth	209-2	9646294	9594132	9583584	9608003	0.35	cps
Boron	10-1	9237	9195	8386	8939	5.36	cps
Boron	11-1	44083	41467	40589	42046	4.32	cps
Cadmium	111-1	6819	6493	7145	6819	4.79	cps
Cadmium	106-1	9470	8920	9887	9426	5.15	cps
Cadmium	108-1	50	38	25	38	33.33	cps
Calcium	43-1	867	625	658	717	18.28	cps
Calcium	44-1	24421	23778	21767	23322	5.94	cps
Chromium	52-2	2637	2767	2517	2640	4.74	cps
Cobalt	59-2	230	260	317	269	16.37	cps
Copper	63-2	4791	4637	4858	4762	2.37	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	100	67	100	89	21.65	cps
Erbium	164-2	27	47	57	43	35.25	cps
Gadolinium	160-1	200	158	158	172	13.97	cps
Gadolinium	160-2	290	330	367	329	11.66	cps
Holmium	165-1	27182557	27432074	27443765	27352799	0.54	cps
Holmium	165-2	13478522	13336884	13361370	13392258	0.57	cps
Indium	115-1	21106490	21369610	21501779	21325960	0.94	cps
Indium	115-2	3837511	3843401	3838856	3839923	0.08	cps
Iron	56-2	31874	32748	31512	32045	1.98	cps
Iron	57-2	739	811	806	785	5.12	cps
Krypton	83-1	953	920	920	931	2.07	cps
Lead	206-1	2923	2767	2912	2867	3.03	cps
Lead	207-1	2400	2678	2500	2526	5.57	cps
Lead	208-1	11769	11741	11419	11643	1.67	cps
Lithium	6-1	6492101	6513419	6542396	6515972	0.39	cps
Magnesium	24-2	4042	3967	3984	3998	0.99	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB64 Instrumnet Name : P7
 Client Sample ID : CCB64 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:37:41 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	173	150	163	162	7.22	cps
Molybdenum	94-1	3042	2784	2500	2775	9.76	cps
Molybdenum	95-1	3434	3251	3025	3237	6.32	cps
Molybdenum	96-1	4034	3826	3401	3753	8.60	cps
Molybdenum	97-1	2342	2217	1900	2153	10.58	cps
Molybdenum	98-1	5735	5410	4809	5318	8.83	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117	180	220	172	30.25	cps
Phosphorus	31-2	242	208	325	258	23.26	cps
Potassium	39-2	53272	51674	52134	52360	1.57	cps
Rhodium	103-1	19933706	19694926	19709228	19779287	0.68	cps
Rhodium	103-2	9441026	9286621	9359427	9362358	0.83	cps
Scandium	45-1	13751504	13819344	13824447	13798432	0.30	cps
Scandium	45-2	577834	576796	573607	576079	0.38	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	106	107	81	98	14.74	cps
Selenium	82-1	-3	118	54	57	107.08	cps
Silicon	28-1	579528	578807	574771	577702	0.44	cps
Silver	109-1	1375	1250	1142	1256	9.30	cps
Silver	107-1	1492	1483	1300	1425	7.60	cps
Sodium	23-2	88570	85669	86533	86924	1.71	cps
Strontium	86-1	1709	1667	1608	1661	3.02	cps
Strontium	88-1	1467	983	1050	1167	22.45	cps
Sulfur	34-1	712631	714624	711471	712909	0.22	cps
Terbium	159-1	27457203	27561621	27484652	27501159	0.20	cps
Terbium	159-2	13012802	13055456	13030230	13032829	0.16	cps
Thallium	203-1	3259	3192	2859	3103	6.91	cps
Thallium	205-1	7786	7694	7419	7633	2.50	cps
Thorium	232-1	3200	2673	2711	2862	10.28	cps
Tin	118-1	2317	2109	2100	2175	5.65	cps
Titanium	47-1	600	567	533	567	5.88	cps
Uranium	238-1	1167	1175	942	1095	12.10	cps
Vanadium	51-2	73	77	63	71	9.76	cps
Yttrium	89-1	21074087	21253236	21171561	21166295	0.42	cps
Yttrium	89-2	2833391	2828348	2818667	2826802	0.26	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P7
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:37:41	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	357	360	310	342	8.17	cps
Zirconium	90-1	1925	2009	2075	2003	3.75	cps
Zirconium	91-1	492	517	400	469	13.09	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:41:16	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6660	6327	6377	6454	2.79	cps
Antimony	121-1	49405	49580	48486	49157	1.20	cps
Arsenic	75-2	900	924	913	912	1.32	cps
Barium	135-1	64425	67306	65932	65887	2.19	cps
Barium	137-1	113655	114831	115150	114545	0.69	cps
Beryllium	9-1	7272	7075	7118	7155	1.44	cps
Bismuth	209-1	18016239	17998550	17942407	17985732	0.21	cps
Bismuth	209-2	9641257	9716790	9634312	9664120	0.47	cps
Boron	10-1	41475	42452	40848	41592	1.94	cps
Boron	11-1	191822	195469	191880	193057	1.08	cps
Cadmium	111-1	14926	14563	15206	14898	2.16	cps
Cadmium	106-1	10921	10162	10905	10663	4.07	cps
Cadmium	108-1	650	671	567	629	8.76	cps
Calcium	43-1	44535	43624	45237	44465	1.82	cps
Calcium	44-1	739425	727066	730332	732274	0.87	cps
Chromium	52-2	19143	19056	19670	19290	1.72	cps
Cobalt	59-2	14878	14851	14644	14791	0.86	cps
Copper	63-2	25913	25562	25469	25648	0.91	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	17	7	3	9	78.08	cps
Erbium	164-1	117	67	117	100	28.87	cps
Erbium	164-2	37	23	33	31	22.31	cps
Gadolinium	160-1	167	183	208	186	11.27	cps
Gadolinium	160-2	307	293	277	292	5.15	cps
Holmium	165-1	27861083	27285854	27558378	27568438	1.04	cps
Holmium	165-2	13375405	13416016	13480682	13424034	0.40	cps
Indium	115-1	21608736	21311825	21440571	21453711	0.69	cps
Indium	115-2	3851115	3895813	3867561	3871496	0.58	cps
Iron	56-2	424212	423318	422590	423373	0.19	cps
Iron	57-2	10660	10504	11282	10815	3.81	cps
Krypton	83-1	963	927	887	926	4.14	cps
Lead	206-1	24818	26048	26165	25677	2.91	cps
Lead	207-1	21473	21924	21863	21754	1.12	cps
Lead	208-1	97647	99975	100037	99220	1.37	cps
Lithium	6-1	6632266	6568582	6546192	6582347	0.68	cps
Magnesium	24-2	362899	368232	363611	364914	0.79	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:41:16	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5504	5241	5361	5369	2.46	cps
Molybdenum	94-1	57675	55969	56378	56674	1.57	cps
Molybdenum	95-1	69964	69678	68724	69456	0.93	cps
Molybdenum	96-1	76380	77846	77393	77206	0.97	cps
Molybdenum	97-1	43718	43760	42589	43356	1.53	cps
Molybdenum	98-1	112575	110761	115634	112990	2.18	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4334	4101	4204	4213	2.78	cps
Phosphorus	31-2	1150	1200	950	1100	12.03	cps
Potassium	39-2	345658	346341	344298	345432	0.30	cps
Rhodium	103-1	20110771	19763251	19929874	19934632	0.87	cps
Rhodium	103-2	9416445	9527069	9360136	9434550	0.90	cps
Scandium	45-1	14041633	13770977	13843861	13885490	1.01	cps
Scandium	45-2	583390	584703	582148	583413	0.22	cps
Selenium	77-2	113	97	133	114	16.04	cps
Selenium	78-2	593	570	582	582	1.91	cps
Selenium	82-1	3301	3457	3636	3465	4.84	cps
Silicon	28-1	749097	748902	746762	748254	0.17	cps
Silver	109-1	38804	39355	38437	38865	1.19	cps
Silver	107-1	41888	41328	41879	41698	0.77	cps
Sodium	23-2	722684	727721	726026	725477	0.35	cps
Strontium	86-1	10237	10196	10346	10260	0.76	cps
Strontium	88-1	76805	76538	77401	76915	0.57	cps
Sulfur	34-1	725175	727109	721762	724682	0.37	cps
Terbium	159-1	28148662	27756168	27919969	27941600	0.71	cps
Terbium	159-2	13177456	13113595	13131131	13140727	0.25	cps
Thallium	203-1	31121	30886	30728	30912	0.64	cps
Thallium	205-1	73236	73044	73243	73174	0.15	cps
Thorium	232-1	89632	90186	89364	89728	0.47	cps
Tin	118-1	121252	118244	120548	120015	1.31	cps
Titanium	47-1	20982	21041	21341	21121	0.91	cps
Uranium	238-1	88103	86961	88010	87691	0.72	cps
Vanadium	51-2	34875	35503	34982	35120	0.96	cps
Yttrium	89-1	21548296	21095816	21381852	21341988	1.07	cps
Yttrium	89-2	2846370	2868024	2866722	2860372	0.42	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:41:16	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3754	3607	3557	3639	2.81	cps
Zirconium	90-1	45623	46685	45666	45991	1.31	cps
Zirconium	91-1	10329	9704	9795	9943	3.40	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : PB116435BL Instrumnet Name : P7
 Client Sample ID : PB116435BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:45:15 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	67	58	94	58.75	cps
Antimony	121-1	625	542	683	617	11.55	cps
Arsenic	75-2	11	17	19	15	24.99	cps
Barium	135-1	67	83	92	81	15.80	cps
Barium	137-1	67	92	50	69	30.20	cps
Beryllium	9-1	267	240	260	256	5.43	cps
Bismuth	209-1	18095663	17862920	17768543	17909042	0.94	cps
Bismuth	209-2	9755242	9651680	9622696	9676540	0.72	cps
Boron	10-1	5259	4584	5251	5032	7.70	cps
Boron	11-1	24312	23478	24137	23975	1.84	cps
Cadmium	111-1	6520	6778	6772	6690	2.20	cps
Cadmium	106-1	9212	9595	9637	9481	2.47	cps
Cadmium	108-1	17	8	46	24	83.40	cps
Calcium	43-1	200	183	308	231	29.44	cps
Calcium	44-1	13840	14282	13957	14027	1.63	cps
Chromium	52-2	2467	2387	2330	2395	2.87	cps
Cobalt	59-2	140	103	130	124	15.23	cps
Copper	63-2	4047	3974	3997	4006	0.94	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	100	50	67	72	35.26	cps
Erbium	164-2	40	33	47	40	16.68	cps
Gadolinium	160-1	133	158	183	158	15.79	cps
Gadolinium	160-2	367	317	343	342	7.31	cps
Holmium	165-1	27568176	27164518	27480409	27404368	0.77	cps
Holmium	165-2	13419409	13312930	13337170	13356503	0.42	cps
Indium	115-1	21376413	21208760	21240261	21275145	0.42	cps
Indium	115-2	3862739	3819679	3849537	3843985	0.57	cps
Iron	56-2	11544	11499	11444	11495	0.44	cps
Iron	57-2	239	228	339	269	22.79	cps
Krypton	83-1	823	860	873	852	3.04	cps
Lead	206-1	2100	2217	2272	2197	4.00	cps
Lead	207-1	1878	1856	2167	1967	8.83	cps
Lead	208-1	8635	8751	9179	8855	3.24	cps
Lithium	6-1	6612390	6562930	6577010	6584110	0.39	cps
Magnesium	24-2	792	725	717	744	5.52	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116435BL	Instrumnet Name :	P7
Client Sample ID :	PB116435BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:45:15	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73	70	80	74	6.84	cps
Molybdenum	94-1	867	867	842	858	1.68	cps
Molybdenum	95-1	683	708	633	675	5.66	cps
Molybdenum	96-1	1058	842	792	897	15.80	cps
Molybdenum	97-1	383	483	458	442	11.78	cps
Molybdenum	98-1	1092	1075	992	1053	5.09	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	110	153	137	133	16.40	cps
Phosphorus	31-2	242	275	250	256	6.79	cps
Potassium	39-2	42404	40774	41509	41562	1.96	cps
Rhodium	103-1	19652226	19756150	19710421	19706266	0.26	cps
Rhodium	103-2	9447748	9345815	9346233	9379932	0.63	cps
Scandium	45-1	13805318	13658677	13749564	13737853	0.54	cps
Scandium	45-2	580996	577428	575846	578090	0.46	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	115	104	85	101	14.79	cps
Selenium	82-1	99	59	83	80	25.38	cps
Silicon	28-1	528391	523300	529094	526928	0.60	cps
Silver	109-1	333	350	392	358	8.39	cps
Silver	107-1	467	492	475	478	2.66	cps
Sodium	23-2	62899	61585	62188	62224	1.06	cps
Strontium	86-1	1550	1458	1442	1483	3.93	cps
Strontium	88-1	242	233	317	264	17.39	cps
Sulfur	34-1	712406	718875	723925	718402	0.80	cps
Terbium	159-1	27607767	27730478	27493930	27610725	0.43	cps
Terbium	159-2	13089559	12968035	13070093	13042562	0.50	cps
Thallium	203-1	1775	1875	1809	1820	2.80	cps
Thallium	205-1	4493	4276	4384	4384	2.47	cps
Thorium	232-1	1122	1167	1039	1109	5.85	cps
Tin	118-1	1558	1250	1450	1420	11.02	cps
Titanium	47-1	217	225	258	233	9.45	cps
Uranium	238-1	142	117	200	153	27.99	cps
Vanadium	51-2	17	17	3	12	63.01	cps
Yttrium	89-1	21268824	21149357	21034064	21150748	0.55	cps
Yttrium	89-2	2828959	2822269	2810059	2820429	0.34	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116435BL	Instrumnet Name :	P7
Client Sample ID :	PB116435BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:45:15	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	257	293	337	296	13.55	cps
Zirconium	90-1	1634	1433	1475	1514	6.97	cps
Zirconium	91-1	200	275	283	253	18.16	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116435BS	Instrumnet Name :	P7
Client Sample ID :	PB116435BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:48:50	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3101821	3132957	3101505	3112095	0.58	cps
Antimony	121-1	12327785	12397547	12404675	12376669	0.34	cps
Arsenic	75-2	447825	446469	447759	447351	0.17	cps
Barium	135-1	16455757	16568379	16363737	16462624	0.62	cps
Barium	137-1	28642537	29004523	28839418	28828826	0.63	cps
Beryllium	9-1	3346996	3339195	3370650	3352280	0.49	cps
Bismuth	209-1	16688920	16640624	16721861	16683802	0.24	cps
Bismuth	209-2	8876035	8884343	8839584	8866654	0.27	cps
Boron	10-1	728007	726445	741602	732018	1.14	cps
Boron	11-1	3418711	3496596	3470641	3461982	1.15	cps
Cadmium	111-1	3927491	3984370	3989423	3967094	0.87	cps
Cadmium	106-1	439230	447309	453239	446593	1.57	cps
Cadmium	108-1	301757	307526	310375	306553	1.43	cps
Calcium	43-1	4608471	4595426	4609392	4604430	0.17	cps
Calcium	44-1	74344148	73749120	73894843	73996037	0.42	cps
Chromium	52-2	4343400	4337919	4324753	4335357	0.22	cps
Cobalt	59-2	7377140	7370370	7342705	7363405	0.25	cps
Copper	63-2	10428634	10323694	10348475	10366934	0.53	cps
Dysprosium	156-1	250	325	300	292	13.09	cps
Dysprosium	156-2	247	170	253	223	20.74	cps
Erbium	164-1	100	117	142	119	17.55	cps
Erbium	164-2	40	50	50	47	12.37	cps
Gadolinium	160-1	250	242	233	242	3.45	cps
Gadolinium	160-2	317	403	363	361	12.01	cps
Holmium	165-1	26866545	27093719	27141815	27034027	0.54	cps
Holmium	165-2	13184145	13130587	13028080	13114271	0.60	cps
Indium	115-1	19895506	19849529	19914417	19886484	0.17	cps
Indium	115-2	3647237	3638279	3649041	3644852	0.16	cps
Iron	56-2	191464538	193467360	191425971	192119289	0.61	cps
Iron	57-2	4755339	4753786	4757991	4755705	0.04	cps
Krypton	83-1	887	847	887	873	2.64	cps
Lead	206-1	11756717	11658262	11798032	11737670	0.61	cps
Lead	207-1	10483482	10396459	10493503	10457815	0.51	cps
Lead	208-1	46732127	46749802	47109317	46863749	0.45	cps
Lithium	6-1	6292773	6255663	6258226	6268887	0.33	cps
Magnesium	24-2	37500695	37584491	37586237	37557141	0.13	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : PB116435BS Instrumnet Name : P7
 Client Sample ID : PB116435BS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:48:50 DataFile Name : 022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5279572	5319383	5272749	5290568	0.48	cps
Molybdenum	94-1	27704299	27902012	27803725	27803345	0.36	cps
Molybdenum	95-1	33852908	34150622	34098184	34033905	0.47	cps
Molybdenum	96-1	37517344	37461052	37857827	37612074	0.57	cps
Molybdenum	97-1	21068720	21050534	21133061	21084105	0.21	cps
Molybdenum	98-1	54653093	54606570	54467057	54575573	0.18	cps
Neodymium	150-1	1520	1373	1393	1429	5.57	cps
Neodymium	150-2	140	113	113	122	12.59	cps
Nickel	60-2	1926580	1934288	1928731	1929867	0.21	cps
Phosphorus	31-2	173169	171737	171987	172298	0.44	cps
Potassium	39-2	15435293	15284423	15208250	15309322	0.75	cps
Rhodium	103-1	18141652	18174702	18418566	18244973	0.83	cps
Rhodium	103-2	8654248	8579310	8549409	8594322	0.63	cps
Scandium	45-1	13277132	13288735	13274933	13280267	0.06	cps
Scandium	45-2	567407	567024	567444	567292	0.04	cps
Selenium	77-2	13330	12963	13123	13138	1.40	cps
Selenium	78-2	44264	44579	44267	44370	0.41	cps
Selenium	82-1	305283	310218	311572	309024	1.07	cps
Silicon	28-1	11553556	11784234	11792129	11709973	1.16	cps
Silver	109-1	18223523	18408647	18376233	18336134	0.54	cps
Silver	107-1	18992522	19058690	18968837	19006683	0.25	cps
Sodium	23-2	65922343	66129816	66035258	66029139	0.16	cps
Strontium	86-1	4492236	4547644	4586346	4542076	1.04	cps
Strontium	88-1	39653698	39382657	39630569	39555641	0.38	cps
Sulfur	34-1	2421420	2408239	2393727	2407795	0.58	cps
Terbium	159-1	27296240	27160524	27189785	27215517	0.26	cps
Terbium	159-2	12848977	12771364	12635472	12751938	0.85	cps
Thallium	203-1	14433890	14518260	14616182	14522777	0.63	cps
Thallium	205-1	34634077	34827340	34907386	34789601	0.40	cps
Thorium	232-1	48308519	48511204	48407187	48408970	0.21	cps
Tin	118-1	11937453	11980562	12057918	11991978	0.51	cps
Titanium	47-1	10275179	10308958	10230481	10271539	0.38	cps
Uranium	238-1	47919791	47626415	47742366	47762857	0.31	cps
Vanadium	51-2	3449113	3430019	3398602	3425911	0.74	cps
Yttrium	89-1	20551045	20529673	20492911	20524543	0.14	cps
Yttrium	89-2	2767110	2773225	2754272	2764869	0.35	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116435BS	Instrumnet Name :	P7
Client Sample ID :	PB116435BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:48:50	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1561626	1563661	1575855	1567047	0.49	cps
Zirconium	90-1	23209885	23178866	23268590	23219114	0.20	cps
Zirconium	91-1	5124781	5126928	5183457	5145055	0.65	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-01	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:52:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1325	875	533	911	43.58	cps
Antimony	121-1	3134	3634	3926	3565	11.24	cps
Arsenic	75-2	165	87	85	112	40.45	cps
Barium	135-1	3834	3709	3826	3790	1.84	cps
Barium	137-1	6377	5860	6827	6355	7.62	cps
Beryllium	9-1	603	687	673	654	6.84	cps
Bismuth	209-1	20340039	19358432	19608927	19769133	2.58	cps
Bismuth	209-2	10541507	10494513	10483968	10506662	0.29	cps
Boron	10-1	15383	14082	13281	14249	7.45	cps
Boron	11-1	71344	65760	59970	65691	8.66	cps
Cadmium	111-1	8308	7874	7528	7903	4.95	cps
Cadmium	106-1	10821	10438	9879	10379	4.57	cps
Cadmium	108-1	83	100	83	89	10.82	cps
Calcium	43-1	8319	8545	9395	8753	6.48	cps
Calcium	44-1	154423	153505	152680	153536	0.57	cps
Chromium	52-2	25673	24754	25252	25226	1.82	cps
Cobalt	59-2	2104	873	690	1222	62.88	cps
Copper	63-2	18175	17010	16893	17359	4.08	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	30	33	20	28	24.98	cps
Erbium	164-1	92	67	92	83	17.32	cps
Erbium	164-2	57	53	40	50	17.64	cps
Gadolinium	160-1	233	200	183	206	12.39	cps
Gadolinium	160-2	380	347	390	372	6.10	cps
Holmium	165-1	30409529	28800209	29328016	29512585	2.78	cps
Holmium	165-2	14193609	14311267	14287734	14264203	0.44	cps
Indium	115-1	23387110	21958383	22753818	22699770	3.15	cps
Indium	115-2	4063007	4075735	4138566	4092436	0.99	cps
Iron	56-2	79394	48155	41721	56424	35.72	cps
Iron	57-2	2006	1089	1111	1402	37.31	cps
Krypton	83-1	880	873	1027	927	9.35	cps
Lead	206-1	7124	6268	6241	6544	7.68	cps
Lead	207-1	6719	5857	5512	6029	10.30	cps
Lead	208-1	28624	25149	24993	26255	7.82	cps
Lithium	6-1	7163076	6874740	6995281	7011033	2.07	cps
Magnesium	24-2	13315	6485	5501	8434	50.46	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-01	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:52:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2264	1397	1457	1706	28.38	cps
Molybdenum	94-1	5876	6068	5968	5971	1.61	cps
Molybdenum	95-1	8153	7819	7461	7811	4.43	cps
Molybdenum	96-1	9045	9253	8470	8923	4.55	cps
Molybdenum	97-1	4884	4409	4901	4732	5.90	cps
Molybdenum	98-1	13332	12856	12956	13048	1.92	cps
Neodymium	150-1	20	27	53	33	52.92	cps
Neodymium	150-2	7	17	3	9	78.08	cps
Nickel	60-2	1840	1413	1317	1523	18.28	cps
Phosphorus	31-2	217	258	250	242	9.12	cps
Potassium	39-2	49049	45638	44836	46507	4.81	cps
Rhodium	103-1	21677950	20596229	21062363	21112181	2.57	cps
Rhodium	103-2	9867137	9876787	9936192	9893372	0.38	cps
Scandium	45-1	15030270	14107770	14405368	14514469	3.24	cps
Scandium	45-2	596954	602681	612449	604028	1.30	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	126	85	120	110	19.99	cps
Selenium	82-1	73	80	-44	36	191.77	cps
Silicon	28-1	547279	529983	528290	535184	1.96	cps
Silver	109-1	1867	1984	1659	1836	8.97	cps
Silver	107-1	2100	1875	2200	2059	8.09	cps
Sodium	23-2	114510	105285	100905	106900	6.50	cps
Strontium	86-1	2225	2600	2734	2520	10.46	cps
Strontium	88-1	10579	10346	10504	10477	1.14	cps
Sulfur	34-1	655756	655310	659667	656911	0.36	cps
Terbium	159-1	30407058	28711591	29556395	29558348	2.87	cps
Terbium	159-2	13836468	13968124	13842309	13882300	0.54	cps
Thallium	203-1	5410	4668	4409	4829	10.75	cps
Thallium	205-1	11998	11147	11080	11408	4.48	cps
Thorium	232-1	5624	5779	6874	6092	11.19	cps
Tin	118-1	3017	3401	3267	3228	6.03	cps
Titanium	47-1	1233	1342	1317	1297	4.37	cps
Uranium	238-1	4109	4326	4976	4470	10.09	cps
Vanadium	51-2	913	373	280	522	65.47	cps
Yttrium	89-1	23115690	21963383	22522291	22533788	2.56	cps
Yttrium	89-2	2961943	3012485	3006758	2993729	0.92	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-01	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:52:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13173	12883	12752	12936	1.66	cps
Zirconium	90-1	3200	3342	3326	3289	2.36	cps
Zirconium	91-1	742	733	792	756	4.18	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-01 Instrumnet Name : P7
 Client Sample ID : WP022MW004-190109 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:56:05 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7594	7428	6994	7339	4.22	cps
Antimony	121-1	23496	21008	19272	21259	9.99	cps
Arsenic	75-2	872	885	950	903	4.62	cps
Barium	135-1	971764	979829	986487	979360	0.75	cps
Barium	137-1	1690759	1718519	1726999	1712092	1.11	cps
Beryllium	9-1	273	260	333	289	13.52	cps
Bismuth	209-1	15586307	15895294	15883709	15788437	1.11	cps
Bismuth	209-2	8195738	8093984	8172698	8154140	0.65	cps
Boron	10-1	468685	470593	483488	474255	1.70	cps
Boron	11-1	2267168	2332154	2351321	2316881	1.90	cps
Cadmium	111-1	8570	8266	7841	8226	4.45	cps
Cadmium	106-1	8853	8386	8269	8503	3.63	cps
Cadmium	108-1	229	192	188	203	11.32	cps
Calcium	43-1	12524042	12509561	12685692	12573099	0.78	cps
Calcium	44-1	203090784	204932592	205502863	204508746	0.62	cps
Chromium	52-2	14280	13343	12956	13526	5.04	cps
Cobalt	59-2	20217	20221	20605	20348	1.09	cps
Copper	63-2	51654	52387	50249	51430	2.11	cps
Dysprosium	156-1	550	458	508	506	9.08	cps
Dysprosium	156-2	213	183	233	210	11.98	cps
Erbium	164-1	733	733	650	706	6.82	cps
Erbium	164-2	337	310	247	298	15.53	cps
Gadolinium	160-1	608	567	600	592	3.73	cps
Gadolinium	160-2	517	563	527	536	4.59	cps
Holmium	165-1	25400000	25784982	26228131	25804371	1.61	cps
Holmium	165-2	12124712	12062232	12118636	12101860	0.28	cps
Indium	115-1	19059435	19319490	19384459	19254461	0.89	cps
Indium	115-2	3319603	3259306	3305585	3294831	0.96	cps
Iron	56-2	322477	317755	320482	320238	0.74	cps
Iron	57-2	55466	55276	55723	55488	0.40	cps
Krypton	83-1	1327	1227	1367	1307	5.52	cps
Lead	206-1	20021	16138	13846	16669	18.73	cps
Lead	207-1	18246	14047	12439	14911	20.11	cps
Lead	208-1	79494	64062	54956	66171	18.75	cps
Lithium	6-1	6589508	6744428	6772430	6702122	1.47	cps
Magnesium	24-2	18865579	18440232	18219980	18508597	1.77	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-01	Instrumnet Name :	P7
Client Sample ID :	WP022MW004-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:56:05	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	339649	336930	333153	336577	0.97	cps
Molybdenum	94-1	7969	8503	8703	8392	4.52	cps
Molybdenum	95-1	10946	11722	11614	11427	3.68	cps
Molybdenum	96-1	12281	11714	12614	12203	3.73	cps
Molybdenum	97-1	8019	7736	8036	7930	2.13	cps
Molybdenum	98-1	17587	18020	19497	18368	5.45	cps
Neodymium	150-1	600	653	680	644	6.32	cps
Neodymium	150-2	160	260	270	230	26.45	cps
Nickel	60-2	60029	59962	58958	59650	1.01	cps
Phosphorus	31-2	800	783	808	797	1.60	cps
Potassium	39-2	1239079	1220439	1214236	1224584	1.06	cps
Rhodium	103-1	16862367	17313972	17429248	17201862	1.74	cps
Rhodium	103-2	7978847	7912143	7938673	7943221	0.42	cps
Scandium	45-1	12679426	12887913	12899241	12822193	0.97	cps
Scandium	45-2	515394	510791	504762	510316	1.04	cps
Selenium	77-2	77	53	70	67	18.03	cps
Selenium	78-2	130	135	133	133	2.13	cps
Selenium	82-1	566	730	698	665	13.08	cps
Silicon	28-1	172132233	173788746	175240304	173720427	0.90	cps
Silver	109-1	38395	28154	21375	29308	29.24	cps
Silver	107-1	40835	29816	24096	31582	26.94	cps
Sodium	23-2	71116364	70095843	69677752	70296653	1.05	cps
Strontium	86-1	7015877	7141803	7147597	7101759	1.05	cps
Strontium	88-1	60723056	62313135	62568412	61868201	1.62	cps
Sulfur	34-1	6499089	6512664	6561200	6524318	0.50	cps
Terbium	159-1	25650847	26020340	26512443	26061210	1.66	cps
Terbium	159-2	11930986	11726283	11761269	11806179	0.93	cps
Thallium	203-1	60857	43046	33552	45819	30.25	cps
Thallium	205-1	137955	103236	80026	107072	27.23	cps
Thorium	232-1	10466	9020	7930	9139	13.92	cps
Tin	118-1	15392	16302	16135	15943	3.04	cps
Titanium	47-1	7944	7794	8119	7953	2.05	cps
Uranium	238-1	194459	193701	196218	194793	0.66	cps
Vanadium	51-2	7512	7582	7219	7438	2.59	cps
Yttrium	89-1	19119363	19477278	19747462	19448035	1.62	cps
Yttrium	89-2	2512357	2465624	2455842	2477941	1.22	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-01	Instrumnet Name :	P7
Client Sample ID :	WP022MW004-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:56:05	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8656	8679	8436	8590	1.56	cps
Zirconium	90-1	5076	5643	6018	5579	8.50	cps
Zirconium	91-1	1158	1308	1233	1233	6.08	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-02 Instrumnet Name : P7
 Client Sample ID : WP022MW102-190109 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:59:46 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	700	733	817	750	8.01	cps
Antimony	121-1	17845	19890	21868	19868	10.12	cps
Arsenic	75-2	6077	6214	6157	6149	1.12	cps
Barium	135-1	263149	262727	266899	264258	0.87	cps
Barium	137-1	465449	467727	468575	467250	0.35	cps
Beryllium	9-1	357	330	353	347	4.19	cps
Bismuth	209-1	12574861	12735304	13370559	12893575	3.26	cps
Bismuth	209-2	6554799	6343360	6516662	6471607	1.74	cps
Boron	10-1	443378	454104	458251	451911	1.70	cps
Boron	11-1	2174308	2241197	2247939	2221148	1.83	cps
Cadmium	111-1	17688	17821	17587	17699	0.66	cps
Cadmium	106-1	8878	8395	8703	8659	2.83	cps
Cadmium	108-1	1200	1033	1188	1140	8.14	cps
Calcium	43-1	28504407	28805444	28838511	28716121	0.64	cps
Calcium	44-1	461867410	467868710	469470427	466402183	0.86	cps
Chromium	52-2	32887	33471	33388	33249	0.95	cps
Cobalt	59-2	562811	566070	561789	563557	0.40	cps
Copper	63-2	1437519	1450721	1443906	1444049	0.46	cps
Dysprosium	156-1	4001	4093	3876	3990	2.73	cps
Dysprosium	156-2	1690	1894	1693	1759	6.62	cps
Erbium	164-1	33316	34118	34361	33932	1.61	cps
Erbium	164-2	15145	15145	15335	15209	0.72	cps
Gadolinium	160-1	6427	6160	6335	6307	2.15	cps
Gadolinium	160-2	3494	3300	3197	3330	4.52	cps
Holmium	165-1	23062477	23433470	24614302	23703416	3.42	cps
Holmium	165-2	11040289	10806384	10909739	10918804	1.07	cps
Indium	115-1	16354330	16516494	17313124	16727983	3.07	cps
Indium	115-2	2870472	2853744	2855617	2859944	0.32	cps
Iron	56-2	16022390	16014551	15944788	15993910	0.27	cps
Iron	57-2	492897	494570	495777	494415	0.29	cps
Krypton	83-1	2800	2797	3030	2876	4.65	cps
Lead	206-1	144252	144403	146705	145120	0.95	cps
Lead	207-1	115438	115662	118896	116665	1.66	cps
Lead	208-1	546113	544720	557108	549314	1.24	cps
Lithium	6-1	5603686	5682479	5839976	5708714	2.11	cps
Magnesium	24-2	41321942	41546972	41571973	41480295	0.33	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-02 Instrumnet Name : P7
 Client Sample ID : WP022MW102-190109 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 15:59:46 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3861855	3907497	3892623	3887325	0.60	cps
Molybdenum	94-1	28179	29089	28213	28493	1.81	cps
Molybdenum	95-1	22927	21951	22894	22591	2.45	cps
Molybdenum	96-1	25632	26601	25373	25869	2.50	cps
Molybdenum	97-1	14533	14750	14199	14494	1.91	cps
Molybdenum	98-1	36782	36706	36197	36562	0.87	cps
Neodymium	150-1	1547	1573	1547	1556	0.99	cps
Neodymium	150-2	490	400	507	466	12.33	cps
Nickel	60-2	1567977	1583663	1580976	1577539	0.53	cps
Phosphorus	31-2	1450	1408	1625	1495	7.69	cps
Potassium	39-2	3740884	3755433	3780013	3758777	0.53	cps
Rhodium	103-1	14102258	14242003	14907496	14417252	2.98	cps
Rhodium	103-2	6679389	6524486	6550988	6584954	1.26	cps
Scandium	45-1	11097412	11176991	11768501	11347635	3.23	cps
Scandium	45-2	460955	454909	459745	458536	0.70	cps
Selenium	77-2	50	100	90	80	33.07	cps
Selenium	78-2	211	139	187	179	20.54	cps
Selenium	82-1	1592	1707	1514	1604	6.08	cps
Silicon	28-1	169363629	170979679	170938504	170427270	0.54	cps
Silver	109-1	7411	6377	6310	6699	9.21	cps
Silver	107-1	7844	6977	6694	7172	8.36	cps
Sodium	23-2	1142835626	1144447459	1135093292	1140792125	0.44	cps
Strontium	86-1	12406123	12482524	12487673	12458773	0.37	cps
Strontium	88-1	109301598	109539477	109925315	109588797	0.29	cps
Sulfur	34-1	102909436	104101171	104198048	103736218	0.69	cps
Terbium	159-1	23163272	23410897	24808993	23794387	3.73	cps
Terbium	159-2	10684740	10454521	10538823	10559361	1.10	cps
Thallium	203-1	10947	9754	8770	9824	11.10	cps
Thallium	205-1	24582	22820	23129	23511	4.00	cps
Thorium	232-1	3567	3439	3501	3502	1.83	cps
Tin	118-1	11188	11038	10930	11052	1.17	cps
Titanium	47-1	6318	6877	7277	6824	7.06	cps
Uranium	238-1	732506	744669	747607	741594	1.08	cps
Vanadium	51-2	19974	19520	19677	19723	1.17	cps
Yttrium	89-1	17746318	17871933	18914229	18177494	3.53	cps
Yttrium	89-2	2344442	2302570	2327907	2324973	0.91	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-02	Instrumnet Name :	P7
Client Sample ID :	WP022MW102-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 15:59:46	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	144035	144082	144890	144336	0.33	cps
Zirconium	90-1	41662	42113	43410	42395	2.14	cps
Zirconium	91-1	10229	9729	9729	9896	2.92	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-03 Instrumnet Name : P7
 Client Sample ID : WP022RW358-190109 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:03:31 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18296	18178	18490	18322	0.86	cps
Antimony	121-1	21083	21041	22060	21395	2.69	cps
Arsenic	75-2	2285	2213	2226	2242	1.72	cps
Barium	135-1	310795	311230	309119	310381	0.36	cps
Barium	137-1	539262	543798	548108	543723	0.81	cps
Beryllium	9-1	303	390	323	339	13.39	cps
Bismuth	209-1	14358414	14359861	14387220	14368498	0.11	cps
Bismuth	209-2	7228042	7141131	7092220	7153798	0.96	cps
Boron	10-1	478927	493913	491810	488217	1.66	cps
Boron	11-1	2336435	2385599	2412571	2378202	1.62	cps
Cadmium	111-1	6570	5988	6467	6342	4.90	cps
Cadmium	106-1	7586	6944	7527	7352	4.83	cps
Cadmium	108-1	158	188	117	154	23.09	cps
Calcium	43-1	17694873	17783135	17926612	17801540	0.66	cps
Calcium	44-1	289719748	287717073	289564681	289000501	0.39	cps
Chromium	52-2	13453	12949	13246	13216	1.92	cps
Cobalt	59-2	20141	20074	20251	20155	0.44	cps
Copper	63-2	67914	67334	67120	67456	0.61	cps
Dysprosium	156-1	917	808	833	853	6.65	cps
Dysprosium	156-2	390	357	383	377	4.68	cps
Erbium	164-1	883	958	1000	947	6.24	cps
Erbium	164-2	413	483	453	450	7.80	cps
Gadolinium	160-1	950	867	825	881	7.23	cps
Gadolinium	160-2	593	573	597	588	2.15	cps
Holmium	165-1	24827052	24902605	25029503	24919720	0.41	cps
Holmium	165-2	11397522	11256902	11108099	11254174	1.29	cps
Indium	115-1	17465100	17646943	17672202	17594748	0.64	cps
Indium	115-2	2924221	2909755	2889522	2907833	0.60	cps
Iron	56-2	3345313	3327929	3321353	3331532	0.37	cps
Iron	57-2	148655	147797	145502	147318	1.11	cps
Krypton	83-1	2027	2047	2070	2048	1.06	cps
Lead	206-1	12818	12701	12895	12805	0.76	cps
Lead	207-1	11272	10777	10354	10801	4.25	cps
Lead	208-1	50722	49932	48981	49878	1.75	cps
Lithium	6-1	5859935	5877689	5904824	5880816	0.38	cps
Magnesium	24-2	22509716	22371409	22177717	22352947	0.75	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-03 Instrumnet Name : P7
 Client Sample ID : WP022RW358-190109 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:03:31 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2637207	2635258	2606203	2626223	0.66	cps
Molybdenum	94-1	15067	14141	14483	14564	3.22	cps
Molybdenum	95-1	17954	18579	18412	18315	1.77	cps
Molybdenum	96-1	19489	20190	19815	19831	1.77	cps
Molybdenum	97-1	11347	12423	11830	11867	4.54	cps
Molybdenum	98-1	29599	29774	30216	29863	1.07	cps
Neodymium	150-1	1180	1060	1173	1138	5.93	cps
Neodymium	150-2	337	343	327	336	2.50	cps
Nickel	60-2	118773	120866	118907	119515	0.98	cps
Phosphorus	31-2	1017	933	1342	1097	19.66	cps
Potassium	39-2	1808909	1782574	1780852	1790778	0.88	cps
Rhodium	103-1	15268510	15256129	15373647	15299429	0.42	cps
Rhodium	103-2	6969466	6927930	6882058	6926485	0.63	cps
Scandium	45-1	11397956	11500263	11436843	11445021	0.45	cps
Scandium	45-2	445710	442623	441228	443187	0.52	cps
Selenium	77-2	70	67	37	58	31.77	cps
Selenium	78-2	139	159	187	162	14.94	cps
Selenium	82-1	486	594	495	525	11.42	cps
Silicon	28-1	144738516	144862557	145254262	144951778	0.19	cps
Silver	109-1	5826	5218	4859	5301	9.22	cps
Silver	107-1	6243	5735	5468	5815	6.77	cps
Sodium	23-2	448850843	449116377	442428860	446798693	0.85	cps
Strontium	86-1	8151314	8161365	8166697	8159792	0.10	cps
Strontium	88-1	71139875	71508056	71278133	71308688	0.26	cps
Sulfur	34-1	41116674	41442921	41427230	41328942	0.45	cps
Terbium	159-1	24626314	24764860	25137781	24842985	1.06	cps
Terbium	159-2	10971722	10838137	10809977	10873279	0.79	cps
Thallium	203-1	7569	7386	6785	7247	5.66	cps
Thallium	205-1	18113	17237	16352	17234	5.11	cps
Thorium	232-1	4573	4540	4557	4557	0.37	cps
Tin	118-1	8987	8995	9195	9059	1.30	cps
Titanium	47-1	9695	9428	9020	9381	3.63	cps
Uranium	238-1	494558	506573	505660	502264	1.33	cps
Vanadium	51-2	8202	8613	8439	8418	2.45	cps
Yttrium	89-1	17779209	17912776	18035407	17909131	0.72	cps
Yttrium	89-2	2228651	2212599	2196761	2212670	0.72	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-03	Instrumnet Name :	P7
Client Sample ID :	WP022RW358-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:03:31	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16286	16112	15982	16127	0.94	cps
Zirconium	90-1	12086	11205	10438	11243	7.34	cps
Zirconium	91-1	2659	2517	2592	2589	2.74	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-04	Instrumnet Name :	P7
Client Sample ID :	WP022MW357-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:07:13	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3701	3717	3826	3748	1.81	cps
Antimony	121-1	19189	19940	20315	19815	2.90	cps
Arsenic	75-2	609	557	682	616	10.12	cps
Barium	135-1	188140	190099	187508	188582	0.72	cps
Barium	137-1	330229	329511	330892	330211	0.21	cps
Beryllium	9-1	297	313	260	290	9.41	cps
Bismuth	209-1	13242036	13697944	13682670	13540883	1.91	cps
Bismuth	209-2	6625155	6586288	6684825	6632089	0.75	cps
Boron	10-1	403647	419088	419815	414183	2.20	cps
Boron	11-1	1999101	2056781	2066511	2040798	1.79	cps
Cadmium	111-1	6019	6014	5677	5904	3.32	cps
Cadmium	106-1	7511	7469	6952	7311	4.26	cps
Cadmium	108-1	108	133	92	111	18.88	cps
Calcium	43-1	39747331	39859415	39536520	39714422	0.41	cps
Calcium	44-1	644502814	649111298	644971481	646195198	0.39	cps
Chromium	52-2	9063	9013	9490	9189	2.85	cps
Cobalt	59-2	125060	125084	125251	125132	0.08	cps
Copper	63-2	82504	82893	82632	82676	0.24	cps
Dysprosium	156-1	1292	1500	1233	1342	10.45	cps
Dysprosium	156-2	607	533	607	582	7.27	cps
Erbium	164-1	3792	3617	3667	3692	2.44	cps
Erbium	164-2	1583	1647	1723	1651	4.25	cps
Gadolinium	160-1	1692	1500	1417	1536	9.18	cps
Gadolinium	160-2	930	937	910	926	1.50	cps
Holmium	165-1	23926928	24604371	24905963	24479087	2.05	cps
Holmium	165-2	10843007	10990547	10957541	10930365	0.71	cps
Indium	115-1	16540233	17160257	16973650	16891380	1.88	cps
Indium	115-2	2758543	2758207	2783661	2766804	0.53	cps
Iron	56-2	367614	365950	366872	366812	0.23	cps
Iron	57-2	155649	156923	158401	156991	0.88	cps
Krypton	83-1	2400	2507	2587	2498	3.75	cps
Lead	206-1	11505	11111	11455	11357	1.89	cps
Lead	207-1	9048	8731	9376	9052	3.56	cps
Lead	208-1	43379	42183	43434	42999	1.64	cps
Lithium	6-1	5444737	5622982	5642753	5570157	1.96	cps
Magnesium	24-2	44432797	44024318	44336406	44264507	0.48	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-04	Instrumnet Name :	P7
Client Sample ID :	WP022MW357-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:07:13	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1608628	1602781	1606994	1606134	0.19	cps
Molybdenum	94-1	12539	12590	12231	12453	1.56	cps
Molybdenum	95-1	15876	15776	15234	15629	2.21	cps
Molybdenum	96-1	17169	16510	17253	16977	2.40	cps
Molybdenum	97-1	10287	10387	9896	10190	2.55	cps
Molybdenum	98-1	24747	24831	25482	25020	1.61	cps
Neodymium	150-1	1233	1240	1300	1258	2.92	cps
Neodymium	150-2	430	453	397	427	6.68	cps
Nickel	60-2	248662	248538	248144	248448	0.11	cps
Phosphorus	31-2	583	583	658	608	7.12	cps
Potassium	39-2	1161735	1176566	1167861	1168721	0.64	cps
Rhodium	103-1	14068468	14495241	14556199	14373302	1.85	cps
Rhodium	103-2	6512004	6481402	6534778	6509395	0.41	cps
Scandium	45-1	10748683	11197439	11048882	10998334	2.08	cps
Scandium	45-2	427155	427987	429812	428318	0.32	cps
Selenium	77-2	43	63	70	59	23.57	cps
Selenium	78-2	119	130	104	117	11.09	cps
Selenium	82-1	1171	990	994	1051	9.82	cps
Silicon	28-1	119017894	119868536	119304382	119396937	0.36	cps
Silver	109-1	4192	3751	3309	3751	11.78	cps
Silver	107-1	4368	4034	4042	4148	4.58	cps
Sodium	23-2	612931247	610924814	618538430	614131497	0.64	cps
Strontium	86-1	11976266	12127239	12136297	12079934	0.74	cps
Strontium	88-1	104700963	106354315	105709352	105588210	0.79	cps
Sulfur	34-1	77128970	77889512	76639164	77219216	0.82	cps
Terbium	159-1	23697155	24769028	24806590	24424257	2.58	cps
Terbium	159-2	10567599	10540857	10604476	10570978	0.30	cps
Thallium	203-1	4951	4643	4451	4682	5.39	cps
Thallium	205-1	11347	11289	10363	10999	5.02	cps
Thorium	232-1	2284	1961	2072	2106	7.77	cps
Tin	118-1	7110	7727	7936	7591	5.65	cps
Titanium	47-1	6468	6427	6844	6580	3.49	cps
Uranium	238-1	1205258	1215957	1226366	1215860	0.87	cps
Vanadium	51-2	12495	12596	12852	12648	1.46	cps
Yttrium	89-1	17073368	17638075	17515595	17409013	1.71	cps
Yttrium	89-2	2136815	2135914	2155758	2142829	0.52	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-04	Instrumnet Name :	P7
Client Sample ID :	WP022MW357-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:07:13	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	14187	13720	13920	13942	1.68	cps
Zirconium	90-1	10054	10646	11971	10890	9.02	cps
Zirconium	91-1	2259	2559	2567	2461	7.14	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:10:56 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1284	1761	1017	1354	27.84	cps
Antimony	121-1	16494	16494	16677	16555	0.64	cps
Arsenic	75-2	15903	15760	15720	15794	0.61	cps
Barium	135-1	163788	166696	169860	166781	1.82	cps
Barium	137-1	292259	295890	300190	296113	1.34	cps
Beryllium	9-1	330	250	263	281	15.25	cps
Bismuth	209-1	13880017	13918569	14066879	13955155	0.71	cps
Bismuth	209-2	6859865	6808869	6806847	6825194	0.44	cps
Boron	10-1	232055	236040	238521	235539	1.38	cps
Boron	11-1	1143813	1159635	1173398	1158949	1.28	cps
Cadmium	111-1	5402	5219	5060	5227	3.28	cps
Cadmium	106-1	7352	7135	6985	7158	2.58	cps
Cadmium	108-1	46	54	67	56	18.88	cps
Calcium	43-1	33531935	33844526	34122429	33832963	0.87	cps
Calcium	44-1	546784096	554832579	556566662	552727779	0.94	cps
Chromium	52-2	7679	7252	7579	7503	2.98	cps
Cobalt	59-2	1250707	1250719	1257812	1253079	0.33	cps
Copper	63-2	26564	27690	27216	27157	2.08	cps
Dysprosium	156-1	358	375	325	353	7.22	cps
Dysprosium	156-2	157	133	133	141	9.54	cps
Erbium	164-1	533	767	950	750	27.85	cps
Erbium	164-2	270	297	280	282	4.77	cps
Gadolinium	160-1	575	383	442	467	21.05	cps
Gadolinium	160-2	353	367	443	388	12.53	cps
Holmium	165-1	24182004	24651166	24560096	24464422	1.02	cps
Holmium	165-2	11021707	11031410	11037747	11030288	0.07	cps
Indium	115-1	16702329	16954491	16969410	16875410	0.89	cps
Indium	115-2	2785219	2748223	2780385	2771276	0.73	cps
Iron	56-2	125915669	124873542	124702494	125163902	0.52	cps
Iron	57-2	3098021	3097999	3113679	3103233	0.29	cps
Krypton	83-1	2960	3167	3494	3207	8.39	cps
Lead	206-1	7891	8080	7992	7988	1.18	cps
Lead	207-1	6707	7197	6891	6932	3.57	cps
Lead	208-1	30119	31265	31120	30835	2.02	cps
Lithium	6-1	5350065	5390745	5453319	5398043	0.96	cps
Magnesium	24-2	35514615	35517831	35572235	35534894	0.09	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:10:56	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17405403	17135487	17203059	17247983	0.81	cps
Molybdenum	94-1	19622	20432	19664	19906	2.29	cps
Molybdenum	95-1	26217	26542	26810	26523	1.12	cps
Molybdenum	96-1	29248	29790	30818	29952	2.66	cps
Molybdenum	97-1	15759	16335	17136	16410	4.21	cps
Molybdenum	98-1	40141	42640	42314	41698	3.26	cps
Neodymium	150-1	247	260	280	262	6.40	cps
Neodymium	150-2	83	70	107	87	21.42	cps
Nickel	60-2	509203	509783	511804	510263	0.27	cps
Phosphorus	31-2	792	975	775	847	13.10	cps
Potassium	39-2	1097300	1090151	1096230	1094561	0.35	cps
Rhodium	103-1	14308353	14465586	14562118	14445352	0.89	cps
Rhodium	103-2	6562988	6536929	6544536	6548151	0.20	cps
Scandium	45-1	10592040	10766576	10734334	10697650	0.87	cps
Scandium	45-2	418559	412827	415554	415647	0.69	cps
Selenium	77-2	50	60	33	48	28.20	cps
Selenium	78-2	93	100	81	91	10.20	cps
Selenium	82-1	-698	-1001	-1211	-970	-26.55	cps
Silicon	28-1	97550148	98734352	98958483	98414328	0.77	cps
Silver	109-1	3125	2892	2767	2928	6.21	cps
Silver	107-1	3067	3109	2992	3056	1.94	cps
Sodium	23-2	435800426	432757393	434780776	434446199	0.36	cps
Strontium	86-1	8407572	8581859	8644829	8544753	1.44	cps
Strontium	88-1	74555654	75166814	75927193	75216554	0.91	cps
Sulfur	34-1	61176687	61690245	62179737	61682223	0.81	cps
Terbium	159-1	24068892	24378386	24496455	24314578	0.91	cps
Terbium	159-2	10595178	10537533	10616452	10583054	0.39	cps
Thallium	203-1	4017	3301	3309	3542	11.62	cps
Thallium	205-1	8787	8445	7653	8295	7.01	cps
Thorium	232-1	1461	1267	1467	1398	8.15	cps
Tin	118-1	6235	6785	7461	6827	8.99	cps
Titanium	47-1	9637	9470	10079	9729	3.23	cps
Uranium	238-1	109767	112393	112701	111620	1.44	cps
Vanadium	51-2	114261	112941	115168	114124	0.98	cps
Yttrium	89-1	16974624	17160100	17185949	17106891	0.67	cps
Yttrium	89-2	2106679	2088024	2100712	2098472	0.45	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:10:56	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12702	12906	12649	12752	1.06	cps
Zirconium	90-1	14132	14650	15609	14797	5.06	cps
Zirconium	91-1	3576	3501	3601	3559	1.46	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05DUP Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109D Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:14:37 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	742	917	742	800	12.63	cps
Antimony	121-1	16519	16744	17545	16936	3.18	cps
Arsenic	75-2	16070	15545	15922	15846	1.71	cps
Barium	135-1	169142	173042	169691	170625	1.24	cps
Barium	137-1	296646	301578	296159	298128	1.01	cps
Beryllium	9-1	267	290	293	283	5.13	cps
Bismuth	209-1	13882479	13996284	14038192	13972318	0.58	cps
Bismuth	209-2	6734959	6770168	6765480	6756869	0.28	cps
Boron	10-1	230833	229946	231583	230787	0.35	cps
Boron	11-1	1132325	1142440	1124818	1133195	0.78	cps
Cadmium	111-1	5199	4951	5287	5146	3.38	cps
Cadmium	106-1	7135	6852	7369	7119	3.64	cps
Cadmium	108-1	54	58	54	56	4.32	cps
Calcium	43-1	33859584	34067166	33763513	33896755	0.46	cps
Calcium	44-1	552786029	554774562	550484579	552681723	0.39	cps
Chromium	52-2	7272	7395	7459	7375	1.29	cps
Cobalt	59-2	1236969	1233494	1232036	1234166	0.21	cps
Copper	63-2	26143	26317	26708	26390	1.10	cps
Dysprosium	156-1	342	308	350	333	6.61	cps
Dysprosium	156-2	163	187	173	174	6.71	cps
Erbium	164-1	825	667	608	700	16.02	cps
Erbium	164-2	293	307	360	320	11.02	cps
Gadolinium	160-1	392	583	367	447	26.51	cps
Gadolinium	160-2	410	417	457	428	5.90	cps
Holmium	165-1	24381654	24846473	24571317	24599815	0.95	cps
Holmium	165-2	10884474	10879232	10858834	10874180	0.12	cps
Indium	115-1	16776034	16867425	16821287	16821582	0.27	cps
Indium	115-2	2708654	2724714	2732194	2721854	0.44	cps
Iron	56-2	123407656	123427000	123307978	123380878	0.05	cps
Iron	57-2	3063867	3054321	3080421	3066203	0.43	cps
Krypton	83-1	3324	3874	3947	3715	9.17	cps
Lead	206-1	8092	7775	7847	7904	2.10	cps
Lead	207-1	6263	6213	6507	6328	2.49	cps
Lead	208-1	29586	29441	30042	29690	1.06	cps
Lithium	6-1	5344914	5388428	5366443	5366595	0.41	cps
Magnesium	24-2	34608074	34608307	34816530	34677637	0.35	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05DUP Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109D Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:14:37 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16980612	16925224	16999060	16968299	0.23	cps
Molybdenum	94-1	20065	20157	20324	20182	0.65	cps
Molybdenum	95-1	26926	26935	26033	26631	1.95	cps
Molybdenum	96-1	29799	30876	30074	30250	1.85	cps
Molybdenum	97-1	15768	16660	16836	16421	3.49	cps
Molybdenum	98-1	42105	40943	40667	41238	1.85	cps
Neodymium	150-1	280	247	247	258	7.47	cps
Neodymium	150-2	77	97	97	90	12.83	cps
Nickel	60-2	503586	501431	504606	503208	0.32	cps
Phosphorus	31-2	933	750	708	797	15.02	cps
Potassium	39-2	1063612	1069538	1074330	1069160	0.50	cps
Rhodium	103-1	14388919	14499424	14479572	14455972	0.41	cps
Rhodium	103-2	6475042	6490846	6460230	6475373	0.24	cps
Scandium	45-1	10560013	10782339	10740627	10694326	1.11	cps
Scandium	45-2	405704	405509	410909	407374	0.75	cps
Selenium	77-2	33	33	50	39	24.75	cps
Selenium	78-2	96	87	94	93	5.29	cps
Selenium	82-1	-1283	-1663	-1642	-1529	-13.97	cps
Silicon	28-1	97775619	98103050	98149156	98009275	0.21	cps
Silver	109-1	2750	2334	2200	2428	11.82	cps
Silver	107-1	2892	2459	2634	2661	8.19	cps
Sodium	23-2	426420976	427171510	427089226	426893904	0.10	cps
Strontium	86-1	8512487	8656949	8631242	8600226	0.90	cps
Strontium	88-1	75491470	75481256	74870468	75281065	0.47	cps
Sulfur	34-1	61161103	61560878	61135287	61285756	0.39	cps
Terbium	159-1	24163074	24659283	24578325	24466894	1.09	cps
Terbium	159-2	10438803	10517835	10491515	10482718	0.38	cps
Thallium	203-1	3376	3067	2625	3023	12.47	cps
Thallium	205-1	7294	7794	6769	7286	7.04	cps
Thorium	232-1	1317	1167	1022	1169	12.60	cps
Tin	118-1	6635	7327	6802	6921	5.22	cps
Titanium	47-1	10254	10070	10154	10159	0.90	cps
Uranium	238-1	111171	112103	110152	111142	0.88	cps
Vanadium	51-2	111890	113046	112038	112325	0.56	cps
Yttrium	89-1	17040672	17093132	17031161	17054989	0.20	cps
Yttrium	89-2	2059960	2081297	2071165	2070807	0.52	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05DUP	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109D	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:14:37	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12225	12159	12576	12320	1.82	cps
Zirconium	90-1	14591	14324	14508	14475	0.94	cps
Zirconium	91-1	3334	3426	3376	3378	1.36	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:18:19	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13441091	13661476	13627274	13576614	0.87	cps
Antimony	121-1	10839864	10840423	10897693	10859327	0.31	cps
Arsenic	75-2	348845	349473	351136	349818	0.34	cps
Barium	135-1	15355585	15319955	15434319	15369953	0.38	cps
Barium	137-1	26958831	26935385	27051338	26981851	0.23	cps
Beryllium	9-1	2696679	2704006	2741829	2714171	0.89	cps
Bismuth	209-1	14971120	14907081	15029590	14969264	0.41	cps
Bismuth	209-2	7334966	7373643	7424391	7377667	0.61	cps
Boron	10-1	591385	606620	624953	607653	2.77	cps
Boron	11-1	2811227	2857012	2935403	2867881	2.19	cps
Cadmium	111-1	3301844	3328775	3336722	3322447	0.55	cps
Cadmium	106-1	380033	383673	381671	381792	0.48	cps
Cadmium	108-1	257221	261158	261201	259860	0.88	cps
Calcium	43-1	19068086	19256322	19407944	19244117	0.88	cps
Calcium	44-1	311511865	315495824	315397857	314135182	0.72	cps
Chromium	52-2	3626266	3661884	3646234	3644795	0.49	cps
Cobalt	59-2	6087914	6121094	6103550	6104186	0.27	cps
Copper	63-2	8168295	8222436	8124109	8171613	0.60	cps
Dysprosium	156-1	467	408	342	406	15.42	cps
Dysprosium	156-2	247	213	220	227	7.78	cps
Erbium	164-1	133	150	150	144	6.66	cps
Erbium	164-2	73	70	100	81	20.27	cps
Gadolinium	160-1	225	317	375	306	24.75	cps
Gadolinium	160-2	360	360	367	362	1.06	cps
Holmium	165-1	25789564	26044499	26326908	26053657	1.03	cps
Holmium	165-2	11844870	11870667	11879126	11864888	0.15	cps
Indium	115-1	17771688	17842338	17954724	17856250	0.52	cps
Indium	115-2	3028737	3036928	3047619	3037761	0.31	cps
Iron	56-2	784775618	794128151	793823973	790909247	0.67	cps
Iron	57-2	19273009	19498440	19514003	19428484	0.69	cps
Krypton	83-1	783	883	810	826	6.27	cps
Lead	206-1	11192225	11228897	11230269	11217130	0.19	cps
Lead	207-1	9935322	9923956	10013966	9957748	0.49	cps
Lead	208-1	44514796	44524164	44820087	44619682	0.39	cps
Lithium	6-1	5308391	5342000	5359095	5336496	0.48	cps
Magnesium	24-2	145562474	147644370	147051474	146752773	0.73	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCV65 Instrumnet Name : P7
 Client Sample ID : CCV65 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:18:19 DataFile Name : 030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4299501	4328460	4317052	4315004	0.34	cps
Molybdenum	94-1	25214709	25479202	25512964	25402292	0.64	cps
Molybdenum	95-1	31016559	30992588	31156869	31055339	0.29	cps
Molybdenum	96-1	34405392	34275379	34399979	34360250	0.21	cps
Molybdenum	97-1	19293157	19241700	19255491	19263450	0.14	cps
Molybdenum	98-1	49906388	50013902	50191037	50037109	0.29	cps
Neodymium	150-1	1547	1654	1500	1567	5.02	cps
Neodymium	150-2	157	177	177	170	6.79	cps
Nickel	60-2	1529653	1547935	1546789	1541459	0.66	cps
Phosphorus	31-2	130559	133938	135251	133249	1.82	cps
Potassium	39-2	61599635	62506018	62584962	62230205	0.88	cps
Rhodium	103-1	15296922	15310737	15432837	15346832	0.49	cps
Rhodium	103-2	7006757	7088048	7063754	7052853	0.59	cps
Scandium	45-1	11330282	11315723	11320637	11322214	0.07	cps
Scandium	45-2	459144	464347	464341	462611	0.65	cps
Selenium	77-2	10024	9837	9960	9940	0.96	cps
Selenium	78-2	33056	33760	33205	33340	1.11	cps
Selenium	82-1	248224	248397	250217	248946	0.44	cps
Silicon	28-1	8463534	8703638	8862334	8676502	2.31	cps
Silver	109-1	15129388	15137859	15350266	15205838	0.82	cps
Silver	107-1	15697478	15892616	15839216	15809770	0.64	cps
Sodium	23-2	269613964	274142848	272630606	272129139	0.85	cps
Strontium	86-1	4087828	4126165	4141807	4118600	0.67	cps
Strontium	88-1	35564595	35759558	36027891	35784015	0.65	cps
Sulfur	34-1	1992665	2002979	2022021	2005888	0.74	cps
Terbium	159-1	25916629	26160530	26058785	26045314	0.47	cps
Terbium	159-2	11372541	11518394	11365789	11418908	0.76	cps
Thallium	203-1	13856784	13872329	13918420	13882511	0.23	cps
Thallium	205-1	33360639	33483890	33414251	33419593	0.18	cps
Thorium	232-1	49483590	48765334	49257475	49168800	0.75	cps
Tin	118-1	10932194	10969618	11073209	10991674	0.66	cps
Titanium	47-1	8794240	8811391	8884343	8829991	0.54	cps
Uranium	238-1	48896780	48528483	48028284	48484516	0.90	cps
Vanadium	51-2	2859912	2887630	2894124	2880555	0.63	cps
Yttrium	89-1	18071581	18154439	18325811	18183944	0.71	cps
Yttrium	89-2	2302989	2342584	2322094	2322556	0.85	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P7
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:18:19	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1437767	1440398	1442407	1440191	0.16	cps
Zirconium	90-1	20976245	21008778	21237082	21074035	0.67	cps
Zirconium	91-1	4672006	4688313	4739141	4699820	0.75	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB65 Instrumnet Name : P7
 Client Sample ID : CCB65 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:22:02 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575	767	633	658	14.92	cps
Antimony	121-1	4768	4634	4343	4581	4.75	cps
Arsenic	75-2	44	39	54	46	16.38	cps
Barium	135-1	917	1233	1075	1075	14.73	cps
Barium	137-1	1308	2159	1817	1761	24.29	cps
Beryllium	9-1	450	550	513	504	10.03	cps
Bismuth	209-1	18054782	18158006	17823786	18012192	0.95	cps
Bismuth	209-2	9156250	8057198	8804796	8672748	6.47	cps
Boron	10-1	18120	17244	16017	17127	6.17	cps
Boron	11-1	89841	83044	77676	83521	7.30	cps
Cadmium	111-1	6633	6440	6218	6430	3.23	cps
Cadmium	106-1	8786	8545	8320	8550	2.73	cps
Cadmium	108-1	67	42	50	53	24.12	cps
Calcium	43-1	1784	2050	2050	1961	7.85	cps
Calcium	44-1	36563	40883	40456	39301	6.06	cps
Chromium	52-2	2874	3027	3114	3005	4.05	cps
Cobalt	59-2	407	363	313	361	12.93	cps
Copper	63-2	9423	9220	9293	9312	1.11	cps
Dysprosium	156-1	25	33	8	22	57.30	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	75	75	67	21.65	cps
Erbium	164-2	27	27	37	30	19.24	cps
Gadolinium	160-1	150	225	158	178	23.12	cps
Gadolinium	160-2	227	227	263	239	8.86	cps
Holmium	165-1	27020911	26843013	27015127	26959684	0.37	cps
Holmium	165-2	12532979	11051136	12085492	11889869	6.39	cps
Indium	115-1	20122787	20091868	19963633	20059429	0.42	cps
Indium	115-2	3348594	2961716	3249312	3186541	6.31	cps
Iron	56-2	51574	46011	41314	46300	11.09	cps
Iron	57-2	1467	1067	1072	1202	19.08	cps
Krypton	83-1	850	770	790	803	5.18	cps
Lead	206-1	3295	3356	3451	3367	2.33	cps
Lead	207-1	2828	2934	2839	2867	2.02	cps
Lead	208-1	12869	13064	13042	12992	0.82	cps
Lithium	6-1	5827496	5847805	5816479	5830593	0.27	cps
Magnesium	24-2	8136	7277	6452	7288	11.55	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:22:02	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	447	553	430	477	14.04	cps
Molybdenum	94-1	5285	4726	3842	4618	15.75	cps
Molybdenum	95-1	7177	6343	5818	6446	10.63	cps
Molybdenum	96-1	7952	6935	6327	7071	11.62	cps
Molybdenum	97-1	4509	3917	3709	4045	10.26	cps
Molybdenum	98-1	10863	10588	9295	10249	8.17	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	183	220	210	204	9.27	cps
Phosphorus	31-2	150	175	175	167	8.66	cps
Potassium	39-2	32762	32570	32052	32461	1.13	cps
Rhodium	103-1	18375426	18204177	18347002	18308868	0.50	cps
Rhodium	103-2	8368952	7357947	8024649	7917183	6.49	cps
Scandium	45-1	12070285	12010958	11926559	12002601	0.60	cps
Scandium	45-2	466453	407393	445871	439906	6.81	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	76	89	102	89	14.58	cps
Selenium	82-1	56	97	90	81	26.86	cps
Silicon	28-1	693405	667765	651770	670980	3.13	cps
Silver	109-1	4768	4301	4159	4409	7.22	cps
Silver	107-1	4634	4593	4568	4598	0.73	cps
Sodium	23-2	113989	110865	104320	109725	4.50	cps
Strontium	86-1	1475	1433	1659	1522	7.86	cps
Strontium	88-1	3267	4076	4134	3826	12.67	cps
Sulfur	34-1	575697	579052	578797	577849	0.32	cps
Terbium	159-1	27080464	26845965	26985120	26970517	0.44	cps
Terbium	159-2	12094760	10663087	11782663	11513503	6.54	cps
Thallium	203-1	4868	5101	4443	4804	6.95	cps
Thallium	205-1	11831	11139	10722	11230	4.99	cps
Thorium	232-1	6935	7030	6207	6724	6.69	cps
Tin	118-1	3042	2909	2850	2934	3.35	cps
Titanium	47-1	850	842	1000	897	9.93	cps
Uranium	238-1	3117	3434	3534	3362	6.47	cps
Vanadium	51-2	203	143	133	160	23.66	cps
Yttrium	89-1	19380370	19445433	19474281	19433361	0.25	cps
Yttrium	89-2	2402243	2133326	2336307	2290626	6.12	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P7
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:22:02	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	680	597	567	614	9.56	cps
Zirconium	90-1	2884	3000	2992	2959	2.20	cps
Zirconium	91-1	658	650	542	617	10.55	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05LX5 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109L Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 16:25:38 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	350	450	361	23.24	cps
Antimony	121-1	12381	11580	10796	11586	6.84	cps
Arsenic	75-2	3573	3521	3421	3505	2.20	cps
Barium	135-1	36541	36415	36499	36485	0.17	cps
Barium	137-1	63204	64995	63202	63800	1.62	cps
Beryllium	9-1	297	277	237	270	11.31	cps
Bismuth	209-1	16435222	16324107	16423948	16394426	0.37	cps
Bismuth	209-2	8243412	8189038	8163789	8198746	0.50	cps
Boron	10-1	57468	58532	57184	57728	1.23	cps
Boron	11-1	278382	282501	275155	278680	1.32	cps
Cadmium	111-1	6087	5905	5809	5934	2.38	cps
Cadmium	106-1	8319	7919	7844	8028	3.18	cps
Cadmium	108-1	58	25	46	43	39.11	cps
Calcium	43-1	7288719	7204312	7213069	7235367	0.64	cps
Calcium	44-1	117543790	117915211	117396048	117618350	0.23	cps
Chromium	52-2	5011	4811	4798	4873	2.45	cps
Cobalt	59-2	274165	276736	274243	275048	0.53	cps
Copper	63-2	14814	14958	15021	14931	0.71	cps
Dysprosium	156-1	108	58	75	81	31.60	cps
Dysprosium	156-2	40	20	37	32	33.25	cps
Erbium	164-1	300	217	250	256	16.41	cps
Erbium	164-2	87	83	87	86	2.25	cps
Gadolinium	160-1	250	258	225	244	7.10	cps
Gadolinium	160-2	207	303	340	283	24.31	cps
Holmium	165-1	25996235	26172853	26050093	26073060	0.35	cps
Holmium	165-2	11958552	11949124	11903269	11936982	0.25	cps
Indium	115-1	18794351	18622338	18650076	18688922	0.49	cps
Indium	115-2	3087378	3110990	3105428	3101265	0.40	cps
Iron	56-2	27259286	27200799	27353996	27271360	0.28	cps
Iron	57-2	671751	683734	682054	679180	0.96	cps
Krypton	83-1	837	823	893	851	4.37	cps
Lead	206-1	3573	3367	3228	3389	5.11	cps
Lead	207-1	3200	3167	2845	3071	6.40	cps
Lead	208-1	13892	13970	13075	13646	3.63	cps
Lithium	6-1	5563045	5573092	5557123	5564420	0.15	cps
Magnesium	24-2	7534468	7516205	7516314	7522329	0.14	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05LX5 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109L Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 16:25:38 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3619991	3640023	3658700	3639571	0.53	cps
Molybdenum	94-1	5134	5593	5493	5407	4.46	cps
Molybdenum	95-1	6635	6977	6769	6794	2.54	cps
Molybdenum	96-1	7794	8002	7652	7816	2.25	cps
Molybdenum	97-1	4309	4201	3842	4117	5.93	cps
Molybdenum	98-1	10613	10204	10329	10382	2.02	cps
Neodymium	150-1	60	73	80	71	14.32	cps
Neodymium	150-2	10	17	23	17	39.99	cps
Nickel	60-2	114409	115641	115071	115040	0.54	cps
Phosphorus	31-2	333	300	300	311	6.18	cps
Potassium	39-2	254599	255312	258370	256094	0.78	cps
Rhodium	103-1	16536618	16561945	16462849	16520471	0.31	cps
Rhodium	103-2	7533594	7497502	7496415	7509170	0.28	cps
Scandium	45-1	11402918	11502088	11465263	11456756	0.44	cps
Scandium	45-2	435975	441105	438784	438621	0.59	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	70	67	87	75	14.53	cps
Selenium	82-1	353	222	156	244	41.18	cps
Silicon	28-1	21158809	21068198	20851268	21026091	0.75	cps
Silver	109-1	4868	4759	4259	4629	7.01	cps
Silver	107-1	4918	4818	4743	4826	1.82	cps
Sodium	23-2	90058052	90412540	90208762	90226451	0.20	cps
Strontium	86-1	1816118	1818756	1828458	1821110	0.36	cps
Strontium	88-1	15977999	16050800	16081705	16036835	0.33	cps
Sulfur	34-1	13888681	13787533	13731525	13802579	0.58	cps
Terbium	159-1	26045580	26098651	26147044	26097092	0.19	cps
Terbium	159-2	11611500	11485533	11485617	11527550	0.63	cps
Thallium	203-1	4343	4551	4034	4309	6.03	cps
Thallium	205-1	11180	10379	10229	10596	4.82	cps
Thorium	232-1	2172	2089	2228	2163	3.23	cps
Tin	118-1	2192	2300	2009	2167	6.80	cps
Titanium	47-1	958	933	1008	967	3.95	cps
Uranium	238-1	24257	23698	23714	23890	1.33	cps
Vanadium	51-2	23896	23970	23759	23875	0.45	cps
Yttrium	89-1	18465191	18443051	18484877	18464373	0.11	cps
Yttrium	89-2	2273510	2258655	2274116	2268760	0.39	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05LX5	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 16:25:38	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3334	3580	3594	3503	4.18	cps
Zirconium	90-1	5443	5576	5435	5485	1.45	cps
Zirconium	91-1	1167	1283	1167	1206	5.59	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-06 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109M Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:29:15 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2183386	2194626	2202618	2193543	0.44	cps
Antimony	121-1	9624346	9703891	9802717	9710318	0.92	cps
Arsenic	75-2	336478	337374	335220	336357	0.32	cps
Barium	135-1	13783883	13870078	14084955	13912972	1.11	cps
Barium	137-1	24313828	24394151	24698840	24468940	0.83	cps
Beryllium	9-1	2340719	2358906	2342161	2347262	0.43	cps
Bismuth	209-1	13162121	13260790	13495865	13306259	1.29	cps
Bismuth	209-2	6503259	6525783	6498033	6509025	0.23	cps
Boron	10-1	741686	759658	759169	753505	1.36	cps
Boron	11-1	3579940	3647703	3674818	3634154	1.34	cps
Cadmium	111-1	2800317	2827376	2867421	2831705	1.19	cps
Cadmium	106-1	322443	326587	332418	327149	1.53	cps
Cadmium	108-1	218312	221048	224959	221440	1.51	cps
Calcium	43-1	36177099	37163634	37363684	36901472	1.72	cps
Calcium	44-1	589637413	600965597	610598164	600400391	1.75	cps
Chromium	52-2	3122381	3140459	3148459	3137100	0.43	cps
Cobalt	59-2	6585784	6621610	6678482	6628625	0.71	cps
Copper	63-2	7347177	7415424	7382102	7381568	0.46	cps
Dysprosium	156-1	492	492	492	492	0.00	cps
Dysprosium	156-2	363	310	383	352	10.76	cps
Erbium	164-1	667	592	775	678	13.60	cps
Erbium	164-2	350	247	333	310	17.90	cps
Gadolinium	160-1	483	667	600	583	15.91	cps
Gadolinium	160-2	417	400	357	391	7.92	cps
Holmium	165-1	23423404	23740267	24321131	23828267	1.91	cps
Holmium	165-2	10645052	10760852	10749363	10718422	0.60	cps
Indium	115-1	16051814	16207024	16379641	16212826	1.01	cps
Indium	115-2	2671155	2685867	2701971	2686331	0.57	cps
Iron	56-2	263706756	266137317	264817450	264887174	0.46	cps
Iron	57-2	6561836	6629398	6660007	6617080	0.76	cps
Krypton	83-1	3510	4277	4441	4076	12.19	cps
Lead	206-1	9792615	9899243	10113708	9935189	1.65	cps
Lead	207-1	8390365	8547503	8667542	8535137	1.63	cps
Lead	208-1	38203143	38790209	39473118	38822157	1.64	cps
Lithium	6-1	5218050	5266313	5317394	5267253	0.94	cps
Magnesium	24-2	60433410	60544074	60832199	60603228	0.34	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-06 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109M Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:29:15 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20941895	21019036	21086786	21015906	0.34	cps
Molybdenum	94-1	22737611	22680090	23345683	22921128	1.61	cps
Molybdenum	95-1	27684797	27900915	28287465	27957726	1.09	cps
Molybdenum	96-1	30854094	31265762	31414348	31178068	0.93	cps
Molybdenum	97-1	17300061	17402313	17635558	17445977	0.99	cps
Molybdenum	98-1	45119118	45017797	45945968	45360961	1.12	cps
Neodymium	150-1	1173	1427	1407	1336	10.55	cps
Neodymium	150-2	147	240	187	191	24.50	cps
Nickel	60-2	1831282	1856764	1861593	1849880	0.88	cps
Phosphorus	31-2	800	817	800	806	1.19	cps
Potassium	39-2	12047736	12231591	12252542	12177290	0.93	cps
Rhodium	103-1	13881872	13914669	14153293	13983278	1.06	cps
Rhodium	103-2	6295820	6326597	6329791	6317402	0.30	cps
Scandium	45-1	10374479	10468957	10540081	10461172	0.79	cps
Scandium	45-2	417157	418057	419174	418130	0.24	cps
Selenium	77-2	9080	9076	9427	9194	2.19	cps
Selenium	78-2	30838	30805	30671	30772	0.29	cps
Selenium	82-1	229216	232224	234807	232082	1.21	cps
Silicon	28-1	103696565	106593865	107807765	106032732	1.99	cps
Silver	109-1	13247629	13309111	13479221	13345320	0.90	cps
Silver	107-1	13709266	13878628	14103525	13897140	1.42	cps
Sodium	23-2	474237777	475932511	479504244	476558177	0.56	cps
Strontium	86-1	11975292	12214634	12242641	12144189	1.21	cps
Strontium	88-1	104855746	105762427	107086548	105901574	1.06	cps
Sulfur	34-1	59443428	60348437	61187287	60326384	1.45	cps
Terbium	159-1	23563370	23724610	23957187	23748389	0.83	cps
Terbium	159-2	10353992	10378843	10352879	10361905	0.14	cps
Thallium	203-1	12146633	12261269	12574792	12327565	1.80	cps
Thallium	205-1	29303679	29724250	30245653	29757860	1.59	cps
Thorium	232-1	8392	6924	6113	7143	16.17	cps
Tin	118-1	9411727	9518394	9613315	9514479	1.06	cps
Titanium	47-1	7897492	7994681	8101090	7997755	1.27	cps
Uranium	238-1	42618973	43128211	43636302	43127829	1.18	cps
Vanadium	51-2	2650924	2665591	2667216	2661244	0.34	cps
Yttrium	89-1	16609916	16451578	16872414	16644636	1.28	cps
Yttrium	89-2	2072024	2092903	2096292	2087073	0.63	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-06	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109M	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:29:15	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	961440	970141	971643	967741	0.57	cps
Zirconium	90-1	19200967	19063311	19556197	19273492	1.32	cps
Zirconium	91-1	4252632	4303713	4364237	4306861	1.30	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-07 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109M Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:32:59 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2185271	2169475	2148599	2167782	0.85	cps
Antimony	121-1	9841712	9929556	10005955	9925741	0.83	cps
Arsenic	75-2	337982	337717	337653	337784	0.05	cps
Barium	135-1	14168684	14322232	14456702	14315873	1.01	cps
Barium	137-1	24695883	25057748	25193442	24982358	1.03	cps
Beryllium	9-1	2326053	2337049	2364672	2342591	0.85	cps
Bismuth	209-1	13416594	13436319	13684386	13512433	1.10	cps
Bismuth	209-2	6505732	6518575	6575550	6533285	0.57	cps
Boron	10-1	745843	759410	768661	757971	1.51	cps
Boron	11-1	3634877	3696922	3781283	3704360	1.98	cps
Cadmium	111-1	2842329	2913935	2916436	2890900	1.46	cps
Cadmium	106-1	337211	336099	336160	336490	0.19	cps
Cadmium	108-1	222676	224245	226360	224427	0.82	cps
Calcium	43-1	36951173	37128016	37369327	37149505	0.57	cps
Calcium	44-1	605454480	606537914	613438764	608477052	0.71	cps
Chromium	52-2	3125621	3139530	3125959	3130370	0.25	cps
Cobalt	59-2	6677815	6638924	6667187	6661309	0.30	cps
Copper	63-2	7461741	7432505	7401682	7431976	0.40	cps
Dysprosium	156-1	408	442	583	478	19.45	cps
Dysprosium	156-2	237	313	300	283	14.46	cps
Erbium	164-1	692	700	608	667	7.60	cps
Erbium	164-2	270	310	233	271	14.14	cps
Gadolinium	160-1	483	508	375	456	15.56	cps
Gadolinium	160-2	380	393	410	394	3.81	cps
Holmium	165-1	24260364	24511360	24894381	24555369	1.30	cps
Holmium	165-2	10840299	10857688	10884692	10860893	0.21	cps
Indium	115-1	16261945	16497975	16593922	16451281	1.04	cps
Indium	115-2	2678561	2714023	2714021	2702201	0.76	cps
Iron	56-2	266188123	264678623	264467056	265111267	0.35	cps
Iron	57-2	6665869	6653652	6648828	6656117	0.13	cps
Krypton	83-1	4607	4924	5231	4921	6.34	cps
Lead	206-1	9958301	10062786	10132599	10051229	0.87	cps
Lead	207-1	8539239	8612411	8740726	8630792	1.18	cps
Lead	208-1	38908526	39188671	39811855	39303017	1.18	cps
Lithium	6-1	5189464	5220481	5284855	5231600	0.93	cps
Magnesium	24-2	60482951	59600195	59757703	59946950	0.79	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-07 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109M Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:32:59 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21114243	21065158	21019476	21066292	0.22	cps
Molybdenum	94-1	23170490	23516217	23735533	23474080	1.21	cps
Molybdenum	95-1	28149143	28664688	28883368	28565733	1.32	cps
Molybdenum	96-1	31405598	31605022	32124119	31711580	1.17	cps
Molybdenum	97-1	17543432	17834991	17967870	17782097	1.22	cps
Molybdenum	98-1	45934843	46358933	46568530	46287435	0.70	cps
Neodymium	150-1	1260	1453	1407	1373	7.35	cps
Neodymium	150-2	170	170	183	174	4.42	cps
Nickel	60-2	1854555	1855987	1860991	1857178	0.18	cps
Phosphorus	31-2	733	717	875	775	11.23	cps
Potassium	39-2	12249658	12159286	12049726	12152890	0.82	cps
Rhodium	103-1	14270290	14263137	14396416	14309948	0.52	cps
Rhodium	103-2	6353646	6437026	6383209	6391294	0.66	cps
Scandium	45-1	10562591	10695072	10733927	10663863	0.84	cps
Scandium	45-2	417470	418179	417215	417621	0.12	cps
Selenium	77-2	9240	9420	9200	9286	1.26	cps
Selenium	78-2	30816	30623	30660	30700	0.33	cps
Selenium	82-1	232226	234573	235667	234156	0.75	cps
Silicon	28-1	105618821	108456032	110414711	108163188	2.23	cps
Silver	109-1	13408927	13612284	13731378	13584196	1.20	cps
Silver	107-1	14051006	14126663	14182271	14119980	0.47	cps
Sodium	23-2	476269277	474044044	473038161	474450494	0.35	cps
Strontium	86-1	12180537	12298177	12427318	12302011	1.00	cps
Strontium	88-1	107086257	107785344	108978473	107950025	0.89	cps
Sulfur	34-1	60556945	60487293	60568470	60537569	0.07	cps
Terbium	159-1	24184250	24414845	24626600	24408565	0.91	cps
Terbium	159-2	10474197	10542807	10447028	10488011	0.47	cps
Thallium	203-1	12433826	12639055	12735572	12602818	1.22	cps
Thallium	205-1	29918840	30410428	30465184	30264817	0.99	cps
Thorium	232-1	3534	3195	3000	3243	8.33	cps
Tin	118-1	9650354	9688566	9743320	9694080	0.48	cps
Titanium	47-1	8073390	8113776	8169332	8118833	0.59	cps
Uranium	238-1	43629003	43859981	44382926	43957303	0.88	cps
Vanadium	51-2	2674362	2675096	2656122	2668527	0.40	cps
Yttrium	89-1	16988179	17028730	17090280	17035730	0.30	cps
Yttrium	89-2	2077943	2109812	2099152	2095636	0.77	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-07	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109M	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:32:59	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	965278	969963	960651	965297	0.48	cps
Zirconium	90-1	19736854	19678361	19785925	19733713	0.27	cps
Zirconium	91-1	4337007	4369887	4404744	4370546	0.78	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05A Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109A Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:36:43 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2144013	2130732	2169729	2148158	0.92	cps
Antimony	121-1	9909974	9904774	9959707	9924818	0.31	cps
Arsenic	75-2	335847	335981	336511	336113	0.10	cps
Barium	135-1	14234803	14258964	14377688	14290485	0.54	cps
Barium	137-1	24949777	24945744	24986270	24960597	0.09	cps
Beryllium	9-1	2300062	2305387	2325129	2310193	0.57	cps
Bismuth	209-1	13327586	13456401	13537224	13440404	0.79	cps
Bismuth	209-2	6556399	6493355	6592365	6547373	0.77	cps
Boron	10-1	739586	763574	764988	756049	1.89	cps
Boron	11-1	3600878	3746403	3709215	3685499	2.05	cps
Cadmium	111-1	2850942	2887892	2889351	2876062	0.76	cps
Cadmium	106-1	328280	333470	332925	331558	0.86	cps
Cadmium	108-1	222717	225683	227082	225161	0.99	cps
Calcium	43-1	36489626	37240921	37083157	36937901	1.07	cps
Calcium	44-1	598732013	607978630	609516180	605408941	0.96	cps
Chromium	52-2	3121575	3086581	3110703	3106286	0.58	cps
Cobalt	59-2	6637953	6606886	6654927	6633255	0.37	cps
Copper	63-2	7413393	7383193	7420367	7405651	0.27	cps
Dysprosium	156-1	450	517	500	489	7.10	cps
Dysprosium	156-2	283	283	300	289	3.33	cps
Erbium	164-1	808	625	683	706	13.27	cps
Erbium	164-2	283	280	323	296	8.16	cps
Gadolinium	160-1	433	483	592	503	16.10	cps
Gadolinium	160-2	343	447	453	414	14.88	cps
Holmium	165-1	24126535	24467253	24410555	24334781	0.75	cps
Holmium	165-2	10871636	10918479	10947880	10912665	0.35	cps
Indium	115-1	16309415	16497282	16455015	16420571	0.60	cps
Indium	115-2	2689815	2673012	2731452	2698093	1.12	cps
Iron	56-2	264179123	262459761	264218584	263619156	0.38	cps
Iron	57-2	6567515	6533264	6588032	6562937	0.42	cps
Krypton	83-1	4457	4724	5284	4822	8.75	cps
Lead	206-1	10079344	10084638	10103549	10089177	0.13	cps
Lead	207-1	8642774	8648092	8661824	8650897	0.11	cps
Lead	208-1	39316860	39558550	39552818	39476076	0.35	cps
Lithium	6-1	5117987	5129314	5147527	5131609	0.29	cps
Magnesium	24-2	59467714	58998839	59354962	59273838	0.41	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05A Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109A Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:36:43 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20891247	20715763	20898929	20835313	0.50	cps
Molybdenum	94-1	23153968	23732201	23554631	23480267	1.26	cps
Molybdenum	95-1	28195414	28776133	28659751	28543766	1.08	cps
Molybdenum	96-1	31522304	31754533	31839982	31705606	0.52	cps
Molybdenum	97-1	17717705	17799482	17952286	17823158	0.67	cps
Molybdenum	98-1	46116756	46289393	46532682	46312944	0.45	cps
Neodymium	150-1	1147	1400	1427	1325	11.67	cps
Neodymium	150-2	143	180	173	166	11.80	cps
Nickel	60-2	1839152	1837439	1845761	1840784	0.24	cps
Phosphorus	31-2	808	833	725	789	7.19	cps
Potassium	39-2	12023783	11894510	12098444	12005579	0.86	cps
Rhodium	103-1	14097864	14305063	14319037	14240655	0.87	cps
Rhodium	103-2	6390580	6334664	6389360	6371535	0.50	cps
Scandium	45-1	10418135	10697204	10660062	10591800	1.43	cps
Scandium	45-2	415631	408823	414830	413095	0.90	cps
Selenium	77-2	8629	9190	9090	8970	3.33	cps
Selenium	78-2	30356	30412	30302	30356	0.18	cps
Selenium	82-1	231805	232452	234197	232818	0.53	cps
Silicon	28-1	105570167	108497652	108182436	107416752	1.50	cps
Silver	109-1	13547677	13652426	13677996	13626033	0.51	cps
Silver	107-1	13997178	14075019	14153685	14075294	0.56	cps
Sodium	23-2	470965111	463381910	471734111	468693710	0.98	cps
Strontium	86-1	12115100	12234305	12397322	12248909	1.16	cps
Strontium	88-1	106173261	108215323	107722748	107370444	0.99	cps
Sulfur	34-1	59715149	60394603	60231691	60113815	0.59	cps
Terbium	159-1	23978062	24223186	24425177	24208809	0.92	cps
Terbium	159-2	10483505	10424670	10590414	10499530	0.80	cps
Thallium	203-1	12527259	12575262	12538354	12546958	0.20	cps
Thallium	205-1	29933818	30015869	30327929	30092539	0.69	cps
Thorium	232-1	2495	2128	2434	2352	8.35	cps
Tin	118-1	9694943	9664609	9710626	9690059	0.24	cps
Titanium	47-1	7998936	8079448	8094994	8057793	0.64	cps
Uranium	238-1	43701806	44009571	44098373	43936583	0.47	cps
Vanadium	51-2	2652115	2635630	2651090	2646279	0.35	cps
Yttrium	89-1	16832779	16981407	16980838	16931674	0.51	cps
Yttrium	89-2	2100927	2094292	2102361	2099194	0.21	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05A	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:36:43	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	957041	961605	957262	958636	0.27	cps
Zirconium	90-1	19695583	19797909	19879228	19790907	0.46	cps
Zirconium	91-1	4328268	4408044	4396974	4377762	0.99	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-08 Instrumnet Name : P7
 Client Sample ID : WP022RW349-190110 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:40:28 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1283	1650	1700	1545	14.73	cps
Antimony	121-1	16852	16494	17645	16997	3.47	cps
Arsenic	75-2	1752	1745	1552	1683	6.74	cps
Barium	135-1	220988	218027	217026	218680	0.94	cps
Barium	137-1	380960	384354	388701	384672	1.01	cps
Beryllium	9-1	683	540	573	599	12.52	cps
Bismuth	209-1	10851238	10997865	11483636	11110913	2.98	cps
Bismuth	209-2	5392254	5446311	5575125	5471230	1.72	cps
Boron	10-1	369398	375053	377239	373897	1.08	cps
Boron	11-1	1793269	1834508	1861946	1829908	1.89	cps
Cadmium	111-1	79254	78272	79543	79023	0.84	cps
Cadmium	106-1	14149	13399	14525	14024	4.09	cps
Cadmium	108-1	5034	4963	5076	5025	1.13	cps
Calcium	43-1	30867958	31305218	31580497	31251224	1.15	cps
Calcium	44-1	501346128	506139761	511727478	506404456	1.03	cps
Chromium	52-2	18098	18355	18582	18345	1.32	cps
Cobalt	59-2	18761302	18879595	18931797	18857565	0.46	cps
Copper	63-2	1227343	1241369	1245031	1237914	0.75	cps
Dysprosium	156-1	10605	10571	9971	10382	3.44	cps
Dysprosium	156-2	5108	4991	4874	4991	2.34	cps
Erbium	164-1	100938	101442	103164	101848	1.15	cps
Erbium	164-2	44877	44786	45004	44889	0.24	cps
Gadolinium	160-1	18780	18438	18722	18647	0.98	cps
Gadolinium	160-2	9016	8683	8873	8857	1.89	cps
Holmium	165-1	21229302	21706023	22700891	21878739	3.43	cps
Holmium	165-2	10008169	10043314	10278470	10109984	1.45	cps
Indium	115-1	14117185	14548093	15297551	14654276	4.08	cps
Indium	115-2	2509956	2543485	2586731	2546724	1.51	cps
Iron	56-2	62432139	63119514	63144471	62898708	0.64	cps
Iron	57-2	1602614	1620444	1630732	1617930	0.88	cps
Krypton	83-1	15272	16643	17698	16537	7.36	cps
Lead	206-1	45467	46147	46064	45893	0.81	cps
Lead	207-1	37448	36189	36757	36798	1.71	cps
Lead	208-1	171646	171917	172278	171947	0.18	cps
Lithium	6-1	4527395	4629556	4841593	4666181	3.43	cps
Magnesium	24-2	102479702	102851756	103680644	103004034	0.60	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-08	Instrumnet Name :	P7
Client Sample ID :	WP022RW349-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:40:28	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	257349263	259688776	261019216	259352418	0.72	cps
Molybdenum	94-1	35687	37157	36297	36381	2.03	cps
Molybdenum	95-1	21016	20299	19464	20260	3.83	cps
Molybdenum	96-1	17445	16435	16385	16755	3.57	cps
Molybdenum	97-1	7219	7235	6685	7046	4.44	cps
Molybdenum	98-1	18938	18196	17403	18179	4.22	cps
Neodymium	150-1	2207	2174	2120	2167	2.02	cps
Neodymium	150-2	853	757	827	812	6.15	cps
Nickel	60-2	9336180	9380794	9371939	9362971	0.25	cps
Phosphorus	31-2	800	700	700	733	7.87	cps
Potassium	39-2	5113797	5146668	5167101	5142522	0.52	cps
Rhodium	103-1	11837171	12141302	12745346	12241273	3.78	cps
Rhodium	103-2	5559753	5603321	5752937	5638670	1.80	cps
Scandium	45-1	9818871	10076178	10509493	10134847	3.44	cps
Scandium	45-2	415094	419133	428510	420913	1.64	cps
Selenium	77-2	57	47	47	50	11.55	cps
Selenium	78-2	109	122	100	110	10.10	cps
Selenium	82-1	-12639	-14055	-15132	-13942	-8.97	cps
Silicon	28-1	110272957	111476023	113129973	111626318	1.29	cps
Silver	109-1	2484	2200	2384	2356	6.10	cps
Silver	107-1	2850	2900	2542	2764	7.02	cps
Sodium	23-2	1910178243	1916825843	1930067843	1919023976	0.53	cps
Strontium	86-1	13073053	13264278	13401556	13246296	1.25	cps
Strontium	88-1	114308298	116197573	117625765	116043879	1.43	cps
Sulfur	34-1	148602824	150277295	152543812	150474644	1.31	cps
Terbium	159-1	21014950	21735728	22563240	21771306	3.56	cps
Terbium	159-2	9658012	9636301	9848489	9714267	1.20	cps
Thallium	203-1	7644	7044	6377	7022	9.03	cps
Thallium	205-1	18555	15969	15551	16692	9.75	cps
Thorium	232-1	750	722	561	678	15.05	cps
Tin	118-1	27060	24347	24330	25246	6.22	cps
Titanium	47-1	10729	11146	11472	11116	3.35	cps
Uranium	238-1	1121977	1124134	1127072	1124394	0.23	cps
Vanadium	51-2	62261	62472	62481	62405	0.20	cps
Yttrium	89-1	16802076	17188306	17963042	17317808	3.41	cps
Yttrium	89-2	2217458	2238663	2289065	2248395	1.64	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-08	Instrumnet Name :	P7
Client Sample ID :	WP022RW349-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:40:28	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	416424	420775	419060	418753	0.52	cps
Zirconium	90-1	83302	85856	85045	84734	1.54	cps
Zirconium	91-1	19072	18997	18463	18844	1.76	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-09	Instrumnet Name :	P7
Client Sample ID :	SS032MW061-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:44:15	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	542	625	633	600	8.45	cps
Antimony	121-1	25198	24790	24648	24879	1.15	cps
Arsenic	75-2	520	493	535	516	4.19	cps
Barium	135-1	454871	457501	464376	458916	1.07	cps
Barium	137-1	807173	809659	817267	811366	0.65	cps
Beryllium	9-1	387	460	503	450	13.10	cps
Bismuth	209-1	14625410	16350621	15950574	15642202	5.77	cps
Bismuth	209-2	7807131	7833191	7749895	7796739	0.55	cps
Boron	10-1	268872	272020	272969	271287	0.79	cps
Boron	11-1	1301194	1318648	1317370	1312404	0.74	cps
Cadmium	111-1	5188	5382	5688	5419	4.65	cps
Cadmium	106-1	6860	7127	7569	7185	4.98	cps
Cadmium	108-1	92	46	50	63	40.56	cps
Calcium	43-1	8741734	8606918	8611669	8653441	0.88	cps
Calcium	44-1	141934962	141606791	141717032	141752928	0.12	cps
Chromium	52-2	90831	91012	90234	90692	0.45	cps
Cobalt	59-2	3137	3320	3407	3288	4.19	cps
Copper	63-2	27436	27456	27576	27489	0.28	cps
Dysprosium	156-1	100	167	158	142	25.64	cps
Dysprosium	156-2	53	90	57	67	30.41	cps
Erbium	164-1	100	58	108	89	30.13	cps
Erbium	164-2	50	57	40	49	17.16	cps
Gadolinium	160-1	200	250	267	239	14.52	cps
Gadolinium	160-2	317	347	340	334	4.71	cps
Holmium	165-1	23142824	26497754	25486572	25042384	6.87	cps
Holmium	165-2	11482059	11529432	11435513	11482335	0.41	cps
Indium	115-1	16675892	18846951	18294399	17939081	6.29	cps
Indium	115-2	2976544	2981188	2954049	2970593	0.49	cps
Iron	56-2	73953	74148	75276	74459	0.96	cps
Iron	57-2	32047	32041	30983	31690	1.93	cps
Krypton	83-1	2320	2184	2297	2267	3.23	cps
Lead	206-1	3451	3428	3189	3356	4.31	cps
Lead	207-1	3150	2823	2556	2843	10.48	cps
Lead	208-1	13258	13286	12297	12947	4.35	cps
Lithium	6-1	5247059	5748995	5606694	5534249	4.67	cps
Magnesium	24-2	5345324	5370020	5320683	5345342	0.46	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-09 Instrumnet Name : P7
 Client Sample ID : SS032MW061-190110 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:44:15 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	69141	71148	72327	70872	2.27	cps
Molybdenum	94-1	7978	8086	8194	8086	1.34	cps
Molybdenum	95-1	13449	12681	13565	13232	3.63	cps
Molybdenum	96-1	13599	14249	14058	13969	2.39	cps
Molybdenum	97-1	8670	8069	8811	8517	4.63	cps
Molybdenum	98-1	21509	20908	21308	21242	1.44	cps
Neodymium	150-1	133	53	40	76	66.81	cps
Neodymium	150-2	17	17	17	17	0.00	cps
Nickel	60-2	19340	19600	19687	19542	0.92	cps
Phosphorus	31-2	375	367	400	381	4.56	cps
Potassium	39-2	904943	907241	886048	899411	1.29	cps
Rhodium	103-1	14711805	16621857	16311670	15881777	6.45	cps
Rhodium	103-2	7281581	7240402	7184683	7235555	0.67	cps
Scandium	45-1	10179503	11578073	11096687	10951421	6.49	cps
Scandium	45-2	414460	413590	412693	413581	0.21	cps
Selenium	77-2	43	60	37	47	25.75	cps
Selenium	78-2	185	141	139	155	16.92	cps
Selenium	82-1	-200	-71	2	-90	-114.18	cps
Silicon	28-1	162800704	162147529	161673812	162207348	0.35	cps
Silver	109-1	2734	2134	2159	2342	14.50	cps
Silver	107-1	2834	2759	2692	2762	2.57	cps
Sodium	23-2	31182714	31101629	30833187	31039177	0.59	cps
Strontium	86-1	4216173	4248370	4262631	4242392	0.56	cps
Strontium	88-1	36867907	37234143	37167624	37089891	0.53	cps
Sulfur	34-1	1848817	1840081	1838459	1842452	0.30	cps
Terbium	159-1	23079682	25987370	25379995	24815682	6.18	cps
Terbium	159-2	11109919	11137735	10986460	11078038	0.73	cps
Thallium	203-1	3809	3576	3342	3576	6.53	cps
Thallium	205-1	9204	8820	7869	8631	7.96	cps
Thorium	232-1	317	389	411	372	13.27	cps
Tin	118-1	22435	23729	22986	23050	2.82	cps
Titanium	47-1	6877	6335	5485	6232	11.26	cps
Uranium	238-1	149490	147734	149033	148752	0.61	cps
Vanadium	51-2	16666	16329	16049	16348	1.89	cps
Yttrium	89-1	16429187	18654414	17953865	17679155	6.44	cps
Yttrium	89-2	2164898	2164530	2153769	2161066	0.29	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-09	Instrumnet Name :	P7
Client Sample ID :	SS032MW061-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:44:15	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8789	8803	8613	8735	1.21	cps
Zirconium	90-1	1934	1992	2084	2003	3.78	cps
Zirconium	91-1	408	550	433	464	16.30	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1134-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW218-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:47:56	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4643	4809	4334	4595	5.25	cps
Antimony	121-1	32689	32205	31002	31965	2.72	cps
Arsenic	75-2	50203	50015	50281	50166	0.27	cps
Barium	135-1	1494645	1503733	1502793	1500390	0.33	cps
Barium	137-1	2615025	2626921	2636138	2626028	0.40	cps
Beryllium	9-1	323	370	347	347	6.73	cps
Bismuth	209-1	15795625	15943586	16086988	15942066	0.91	cps
Bismuth	209-2	7617390	7571613	7701026	7630010	0.86	cps
Boron	10-1	327026	336128	333116	332090	1.40	cps
Boron	11-1	1615617	1631950	1621255	1622941	0.51	cps
Cadmium	111-1	6819	6948	6449	6739	3.84	cps
Cadmium	106-1	7302	7427	6669	7133	5.70	cps
Cadmium	108-1	121	192	188	167	23.85	cps
Calcium	43-1	7979436	8071207	8018398	8023014	0.57	cps
Calcium	44-1	131388970	131876278	130788882	131351377	0.41	cps
Chromium	52-2	8326	8299	8393	8339	0.58	cps
Cobalt	59-2	16096	16019	15765	15960	1.08	cps
Copper	63-2	33916	34237	34090	34081	0.47	cps
Dysprosium	156-1	900	1158	917	992	14.58	cps
Dysprosium	156-2	380	370	427	392	7.71	cps
Erbium	164-1	875	925	892	897	2.84	cps
Erbium	164-2	380	283	380	348	16.05	cps
Gadolinium	160-1	725	775	842	781	7.50	cps
Gadolinium	160-2	523	563	623	570	8.83	cps
Holmium	165-1	25371456	25555766	25528274	25485165	0.39	cps
Holmium	165-2	11220585	11105357	11315321	11213754	0.94	cps
Indium	115-1	17916931	18091556	18101777	18036755	0.58	cps
Indium	115-2	2846341	2856644	2879514	2860833	0.59	cps
Iron	56-2	22842721	22861319	22805416	22836485	0.12	cps
Iron	57-2	579274	576290	580644	578736	0.38	cps
Krypton	83-1	1570	1807	1700	1692	7.00	cps
Lead	206-1	150579	151997	150342	150973	0.59	cps
Lead	207-1	121033	121683	123370	122029	0.99	cps
Lead	208-1	570600	570942	575567	572370	0.48	cps
Lithium	6-1	5408289	5430326	5362823	5400479	0.64	cps
Magnesium	24-2	3902388	3870050	3894841	3889093	0.44	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1134-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW218-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:47:56	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2015255	2013220	2023464	2017313	0.27	cps
Molybdenum	94-1	31636	30976	31377	31330	1.06	cps
Molybdenum	95-1	49687	51034	52698	51140	2.95	cps
Molybdenum	96-1	55258	55333	54781	55124	0.54	cps
Molybdenum	97-1	33415	31828	31495	32246	3.18	cps
Molybdenum	98-1	82447	84023	83805	83425	1.02	cps
Neodymium	150-1	1353	1200	1153	1236	8.47	cps
Neodymium	150-2	367	377	363	369	1.88	cps
Nickel	60-2	34918	34397	34995	34770	0.94	cps
Phosphorus	31-2	933	933	1075	981	8.34	cps
Potassium	39-2	539163	532147	532550	534620	0.74	cps
Rhodium	103-1	15836940	15866226	15853692	15852286	0.09	cps
Rhodium	103-2	6962080	6926933	6957394	6948802	0.27	cps
Scandium	45-1	10730629	10789824	10716228	10745560	0.36	cps
Scandium	45-2	391453	385755	391586	389598	0.85	cps
Selenium	77-2	50	37	37	41	18.72	cps
Selenium	78-2	93	98	93	94	3.40	cps
Selenium	82-1	-39	-267	-175	-161	-71.46	cps
Silicon	28-1	136305303	135133699	133807149	135082050	0.93	cps
Silver	109-1	1875	1917	1892	1895	1.11	cps
Silver	107-1	2375	1959	2225	2186	9.65	cps
Sodium	23-2	45396074	44761405	44767624	44975034	0.81	cps
Strontium	86-1	2472177	2506973	2525366	2501506	1.08	cps
Strontium	88-1	21804034	21901481	21598466	21767994	0.71	cps
Sulfur	34-1	2003043	2010261	1988493	2000599	0.55	cps
Terbium	159-1	25463981	25411593	25810389	25561988	0.85	cps
Terbium	159-2	10766878	10695747	10807323	10756650	0.53	cps
Thallium	203-1	3492	3009	3017	3173	8.72	cps
Thallium	205-1	7561	7277	6827	7222	5.12	cps
Thorium	232-1	1089	1050	1089	1076	2.09	cps
Tin	118-1	18421	17987	17912	18107	1.52	cps
Titanium	47-1	8520	9345	9512	9125	5.82	cps
Uranium	238-1	70024	71014	72405	71148	1.68	cps
Vanadium	51-2	3801	3841	3911	3851	1.45	cps
Yttrium	89-1	17542716	17561672	17717200	17607196	0.54	cps
Yttrium	89-2	2065167	2065820	2084148	2071712	0.52	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1134-01	Instrumnet Name :	P7
Client Sample ID :	SS037MW218-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:47:56	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	86598	85431	85535	85855	0.75	cps
Zirconium	90-1	4943	5085	4968	4998	1.51	cps
Zirconium	91-1	1550	1550	1325	1475	8.81	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1134-02	Instrumnet Name :	P7
Client Sample ID :	SS038MW007-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:51:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5943	5602	5893	5813	3.17	cps
Antimony	121-1	20174	19181	18747	19367	3.78	cps
Arsenic	75-2	86678	84853	85416	85649	1.09	cps
Barium	135-1	2117568	2130860	2139786	2129405	0.53	cps
Barium	137-1	3745008	3776146	3763256	3761470	0.42	cps
Beryllium	9-1	377	390	353	373	4.97	cps
Bismuth	209-1	15643496	15604642	15734056	15660731	0.42	cps
Bismuth	209-2	7501943	7457736	7503732	7487804	0.35	cps
Boron	10-1	949004	958454	983744	963734	1.86	cps
Boron	11-1	4662789	4713788	4774726	4717101	1.19	cps
Cadmium	111-1	4968	4906	4929	4934	0.63	cps
Cadmium	106-1	6685	6785	6702	6724	0.80	cps
Cadmium	108-1	29	104	29	54	79.94	cps
Calcium	43-1	6654032	6628189	6675105	6652442	0.35	cps
Calcium	44-1	109269819	108143215	109214948	108875994	0.58	cps
Chromium	52-2	7842	8373	8169	8128	3.29	cps
Cobalt	59-2	155959	155834	156451	156081	0.21	cps
Copper	63-2	26077	25923	25967	25989	0.30	cps
Dysprosium	156-1	458	350	367	392	14.89	cps
Dysprosium	156-2	140	170	157	156	9.66	cps
Erbium	164-1	417	483	483	461	8.35	cps
Erbium	164-2	227	200	203	210	6.92	cps
Gadolinium	160-1	517	333	417	422	21.74	cps
Gadolinium	160-2	370	393	430	398	7.60	cps
Holmium	165-1	24842673	25002002	25369284	25071320	1.08	cps
Holmium	165-2	11002794	11023147	11068769	11031570	0.31	cps
Indium	115-1	17429294	17604321	17636109	17556575	0.63	cps
Indium	115-2	2763829	2776287	2786216	2775444	0.40	cps
Iron	56-2	38765130	38302706	38419208	38495681	0.62	cps
Iron	57-2	954735	960332	950965	955344	0.49	cps
Krypton	83-1	1387	1560	1617	1521	7.88	cps
Lead	206-1	7764	7797	7741	7767	0.36	cps
Lead	207-1	6530	6735	6096	6454	5.06	cps
Lead	208-1	29836	29330	29191	29452	1.15	cps
Lithium	6-1	5173394	5168814	5200907	5181038	0.34	cps
Magnesium	24-2	6694140	6655532	6673829	6674500	0.29	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1134-02	Instrumnet Name :	P7
Client Sample ID :	SS038MW007-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:51:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1053967	1045709	1046249	1048642	0.44	cps
Molybdenum	94-1	36263	36798	38862	37308	3.68	cps
Molybdenum	95-1	61685	61349	61926	61653	0.47	cps
Molybdenum	96-1	66698	70137	67744	68193	2.59	cps
Molybdenum	97-1	38845	38520	37433	38266	1.93	cps
Molybdenum	98-1	97657	99606	99194	98819	1.04	cps
Neodymium	150-1	580	800	633	671	17.10	cps
Neodymium	150-2	170	130	153	151	13.30	cps
Nickel	60-2	546913	544980	545330	545741	0.19	cps
Phosphorus	31-2	600	717	592	636	10.99	cps
Potassium	39-2	790861	789732	789636	790076	0.09	cps
Rhodium	103-1	15299050	15386184	15419621	15368285	0.41	cps
Rhodium	103-2	6794618	6721582	6750544	6755581	0.54	cps
Scandium	45-1	10369656	10320181	10315515	10335118	0.29	cps
Scandium	45-2	375882	378332	376637	376951	0.33	cps
Selenium	77-2	47	23	37	36	32.93	cps
Selenium	78-2	94	104	69	89	20.52	cps
Selenium	82-1	313	126	93	178	66.80	cps
Silicon	28-1	161142654	161800691	161491658	161478334	0.20	cps
Silver	109-1	1800	1400	1383	1528	15.44	cps
Silver	107-1	1834	1684	1692	1736	4.86	cps
Sodium	23-2	54170182	53829124	54346278	54115195	0.49	cps
Strontium	86-1	2360683	2367200	2409701	2379195	1.12	cps
Strontium	88-1	20769336	20735305	20787167	20763936	0.13	cps
Sulfur	34-1	595069	585971	584447	588495	0.98	cps
Terbium	159-1	24955717	25110920	25207146	25091261	0.51	cps
Terbium	159-2	10659358	10612919	10717714	10663330	0.49	cps
Thallium	203-1	2309	2017	2234	2186	6.93	cps
Thallium	205-1	5702	5126	4668	5165	10.03	cps
Thorium	232-1	1700	1528	1667	1632	5.60	cps
Tin	118-1	15943	15759	17011	16238	4.16	cps
Titanium	47-1	14367	14416	15787	14857	5.43	cps
Uranium	238-1	708	708	800	739	7.16	cps
Vanadium	51-2	10664	11101	10948	10904	2.03	cps
Yttrium	89-1	16951665	17106826	17024225	17027572	0.46	cps
Yttrium	89-2	2021409	2007412	2028875	2019232	0.54	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1134-02	Instrumnet Name :	P7
Client Sample ID :	SS038MW007-190110	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:51:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8379	8733	8272	8461	2.85	cps
Zirconium	90-1	7161	7769	7127	7352	4.92	cps
Zirconium	91-1	2175	5932	2209	3439	62.80	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-03	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-1-OB-01092019	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:55:15	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2842	2592	3142	2859	9.64	cps
Antimony	121-1	22970	22318	22510	22599	1.48	cps
Arsenic	75-2	665	761	672	699	7.66	cps
Barium	135-1	203095	199783	203604	202161	1.03	cps
Barium	137-1	353965	357399	357315	356226	0.55	cps
Beryllium	9-1	230	280	253	254	9.83	cps
Bismuth	209-1	15013879	14994105	14950446	14986143	0.22	cps
Bismuth	209-2	7204313	7221241	7260521	7228691	0.40	cps
Boron	10-1	1402546	1422777	1429514	1418279	0.99	cps
Boron	11-1	6803674	6839038	6941074	6861262	1.04	cps
Cadmium	111-1	5224	4632	4694	4850	6.70	cps
Cadmium	106-1	7002	6293	6418	6571	5.76	cps
Cadmium	108-1	117	104	129	117	10.71	cps
Calcium	43-1	3556864	3570728	3613863	3580485	0.83	cps
Calcium	44-1	57408297	57861587	58096618	57788834	0.61	cps
Chromium	52-2	318046	315612	316249	316636	0.40	cps
Cobalt	59-2	3557	3410	3147	3372	6.16	cps
Copper	63-2	37134	38380	36776	37430	2.25	cps
Dysprosium	156-1	383	308	325	339	11.62	cps
Dysprosium	156-2	157	153	173	161	6.65	cps
Erbium	164-1	592	692	592	625	9.24	cps
Erbium	164-2	280	253	280	271	5.68	cps
Gadolinium	160-1	500	517	575	531	7.42	cps
Gadolinium	160-2	370	407	433	403	7.88	cps
Holmium	165-1	24687044	24746232	24858907	24764061	0.35	cps
Holmium	165-2	10894756	10856281	10915004	10888681	0.27	cps
Indium	115-1	16823009	16953568	16973849	16916809	0.48	cps
Indium	115-2	2717124	2701697	2708099	2708973	0.29	cps
Iron	56-2	1010140	997663	1007687	1005163	0.66	cps
Iron	57-2	36802	36429	36646	36626	0.51	cps
Krypton	83-1	1447	1497	1647	1530	6.80	cps
Lead	206-1	3634	3445	3245	3441	5.65	cps
Lead	207-1	2767	2611	3000	2793	7.01	cps
Lead	208-1	13058	12747	12686	12831	1.56	cps
Lithium	6-1	4982552	4967910	4986778	4979080	0.20	cps
Magnesium	24-2	7366929	7254474	7282231	7301211	0.80	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-03 Instrumnet Name : P7
 Client Sample ID : EPA-EX-1-OB-01092019 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 16:55:15 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5578083	5543595	5567312	5562997	0.32	cps
Molybdenum	94-1	63660	63458	63467	63528	0.18	cps
Molybdenum	95-1	107208	106119	107284	106870	0.61	cps
Molybdenum	96-1	115271	115330	116977	115859	0.84	cps
Molybdenum	97-1	66715	67393	68390	67499	1.25	cps
Molybdenum	98-1	171570	174212	174008	173264	0.85	cps
Neodymium	150-1	333	480	460	424	18.74	cps
Neodymium	150-2	117	143	183	148	22.71	cps
Nickel	60-2	8169	7952	7949	8023	1.57	cps
Phosphorus	31-2	783	775	817	792	2.78	cps
Potassium	39-2	3718580	3682442	3704947	3701989	0.49	cps
Rhodium	103-1	14653389	14759709	14878570	14763889	0.76	cps
Rhodium	103-2	6599125	6516818	6560907	6558950	0.63	cps
Scandium	45-1	9935924	9990944	9987963	9971610	0.31	cps
Scandium	45-2	370843	365479	369872	368731	0.78	cps
Selenium	77-2	27	33	33	31	12.36	cps
Selenium	78-2	107	126	87	107	18.21	cps
Selenium	82-1	-274	-326	-478	-359	-29.44	cps
Silicon	28-1	153135824	152420858	153033337	152863340	0.25	cps
Silver	109-1	4009	4109	4143	4087	1.70	cps
Silver	107-1	4201	4284	4259	4248	1.01	cps
Sodium	23-2	189731783	188212342	190718517	189554214	0.67	cps
Strontium	86-1	2535975	2547423	2552116	2545171	0.33	cps
Strontium	88-1	21932716	22031416	22000561	21988231	0.23	cps
Sulfur	34-1	2275331	2294438	2281251	2283674	0.43	cps
Terbium	159-1	24559025	24335015	24486780	24460273	0.47	cps
Terbium	159-2	10421888	10383321	10558255	10454488	0.88	cps
Thallium	203-1	1834	1617	1725	1725	6.28	cps
Thallium	205-1	4168	4017	3859	4015	3.84	cps
Thorium	232-1	1118	456	494	689	53.95	cps
Tin	118-1	14692	15209	15626	15175	3.08	cps
Titanium	47-1	9053	10643	8019	9239	14.31	cps
Uranium	238-1	235867	235616	238984	236822	0.79	cps
Vanadium	51-2	3601	3627	3444	3557	2.79	cps
Yttrium	89-1	16657211	16587469	16488326	16577669	0.51	cps
Yttrium	89-2	1978981	1968898	1977607	1975162	0.28	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-03	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-1-OB-01092019	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:55:15	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5645	5528	5665	5612	1.32	cps
Zirconium	90-1	5579	5259	7160	5999	16.97	cps
Zirconium	91-1	1200	858	1317	1125	21.18	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1151-03	Instrumnet Name :	P7
Client Sample ID :	OUTFALL001-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:58:54	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1859	1992	1684	1845	8.38	cps
Antimony	121-1	23370	22694	22527	22864	1.95	cps
Arsenic	75-2	2923	2813	2939	2892	2.37	cps
Barium	135-1	1186039	1210735	1196419	1197731	1.04	cps
Barium	137-1	2086825	2107185	2121006	2105005	0.82	cps
Beryllium	9-1	267	277	217	253	12.69	cps
Bismuth	209-1	15445318	15682199	15711162	15612893	0.93	cps
Bismuth	209-2	7452383	7657320	7329387	7479696	2.21	cps
Boron	10-1	361238	361242	366940	363140	0.91	cps
Boron	11-1	1755050	1781526	1792642	1776406	1.09	cps
Cadmium	111-1	4570	4820	4627	4672	2.81	cps
Cadmium	106-1	6327	6727	6452	6502	3.15	cps
Cadmium	108-1	25	38	38	33	21.65	cps
Calcium	43-1	6356208	6315546	6357433	6343062	0.38	cps
Calcium	44-1	103775194	103484429	104040886	103766836	0.27	cps
Chromium	52-2	8012	8039	8336	8129	2.21	cps
Cobalt	59-2	953	917	910	927	2.52	cps
Copper	63-2	26811	26711	26678	26733	0.26	cps
Dysprosium	156-1	67	33	67	56	34.65	cps
Dysprosium	156-2	23	17	13	18	28.64	cps
Erbium	164-1	183	133	100	139	30.20	cps
Erbium	164-2	60	37	50	49	23.94	cps
Gadolinium	160-1	233	92	158	161	43.99	cps
Gadolinium	160-2	283	297	260	280	6.63	cps
Holmium	165-1	24430481	24734817	25143027	24769442	1.44	cps
Holmium	165-2	11006110	11172499	10649555	10942721	2.44	cps
Indium	115-1	17097947	17434190	17363696	17298611	1.03	cps
Indium	115-2	2713654	2776442	2675925	2722007	1.87	cps
Iron	56-2	67600	66422	67372	67131	0.93	cps
Iron	57-2	22162	21861	22601	22208	1.68	cps
Krypton	83-1	1217	1220	1227	1221	0.42	cps
Lead	206-1	3489	3467	3578	3512	1.67	cps
Lead	207-1	3039	3039	2878	2986	3.12	cps
Lead	208-1	14003	13586	13347	13646	2.43	cps
Lithium	6-1	4916482	5011796	5032731	4987003	1.24	cps
Magnesium	24-2	5742159	5708900	5732942	5728000	0.30	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1151-03	Instrumnet Name :	P7
Client Sample ID :	OUTFALL001-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:58:54	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8329	8426	8363	8373	0.59	cps
Molybdenum	94-1	9370	8419	9487	9092	6.44	cps
Molybdenum	95-1	15417	15184	15209	15270	0.84	cps
Molybdenum	96-1	16293	15943	16260	16165	1.20	cps
Molybdenum	97-1	9412	9103	9362	9292	1.78	cps
Molybdenum	98-1	24046	24380	24547	24324	1.05	cps
Neodymium	150-1	127	67	153	116	38.41	cps
Neodymium	150-2	17	10	7	11	45.82	cps
Nickel	60-2	6381	6215	6522	6373	2.41	cps
Phosphorus	31-2	400	325	450	392	16.07	cps
Potassium	39-2	917567	917603	913564	916244	0.25	cps
Rhodium	103-1	14906002	15117834	15131050	15051628	0.84	cps
Rhodium	103-2	6644809	6837981	6526734	6669841	2.36	cps
Scandium	45-1	9837331	9938765	10006935	9927677	0.86	cps
Scandium	45-2	359353	371242	353078	361224	2.55	cps
Selenium	77-2	33	33	13	27	43.31	cps
Selenium	78-2	56	87	78	73	22.02	cps
Selenium	82-1	240	216	223	226	5.54	cps
Silicon	28-1	122204411	122244478	123079128	122509339	0.40	cps
Silver	109-1	1392	1400	1383	1392	0.60	cps
Silver	107-1	1417	1383	1367	1389	1.83	cps
Sodium	23-2	40376217	40429870	40342670	40382919	0.11	cps
Strontium	86-1	3779338	3822020	3799770	3800376	0.56	cps
Strontium	88-1	32930649	33228648	32885309	33014868	0.56	cps
Sulfur	34-1	1792675	1795081	1790435	1792730	0.13	cps
Terbium	159-1	24261230	24659488	24990478	24637065	1.48	cps
Terbium	159-2	10406501	10730653	10306957	10481370	2.11	cps
Thallium	203-1	1875	1759	1667	1767	5.91	cps
Thallium	205-1	5051	4384	4318	4584	8.85	cps
Thorium	232-1	367	411	350	376	8.40	cps
Tin	118-1	17553	18104	19122	18260	4.36	cps
Titanium	47-1	4476	4351	4809	4545	5.21	cps
Uranium	238-1	58970	59631	59715	59438	0.69	cps
Vanadium	51-2	4121	3904	3937	3987	2.93	cps
Yttrium	89-1	16484431	16630011	16599234	16571225	0.46	cps
Yttrium	89-2	1956054	2002059	1915626	1957913	2.21	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1151-03	Instrumnet Name :	P7
Client Sample ID :	OUTFALL001-190115	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 16:58:54	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8836	9123	9513	9157	3.71	cps
Zirconium	90-1	2417	2017	2359	2264	9.55	cps
Zirconium	91-1	492	625	483	533	14.91	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:03:19	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11806541	11813645	12011531	11877239	0.98	cps
Antimony	121-1	10270854	10336027	10286178	10297686	0.33	cps
Arsenic	75-2	311868	316606	317241	315238	0.93	cps
Barium	135-1	14641843	14675756	14621927	14646508	0.19	cps
Barium	137-1	25706198	25611177	25640848	25652741	0.19	cps
Beryllium	9-1	2396000	2402784	2438644	2412476	0.95	cps
Bismuth	209-1	14492991	14229756	14494751	14405833	1.06	cps
Bismuth	209-2	7007922	6999677	7036424	7014674	0.27	cps
Boron	10-1	540000	549605	557978	549194	1.64	cps
Boron	11-1	2537832	2586418	2645866	2590039	2.09	cps
Cadmium	111-1	3090980	3128219	3128075	3115758	0.69	cps
Cadmium	106-1	356862	356286	358879	357342	0.38	cps
Cadmium	108-1	240409	241097	242497	241334	0.44	cps
Calcium	43-1	17115348	17234652	17270923	17206974	0.47	cps
Calcium	44-1	280296048	281217631	282891165	281468281	0.47	cps
Chromium	52-2	3238516	3253373	3300462	3264117	0.99	cps
Cobalt	59-2	5347019	5414162	5460551	5407244	1.06	cps
Copper	63-2	7298687	7317927	7395302	7337305	0.70	cps
Dysprosium	156-1	392	392	467	417	10.39	cps
Dysprosium	156-2	243	220	223	229	5.51	cps
Erbium	164-1	133	258	125	172	43.37	cps
Erbium	164-2	43	70	60	58	23.32	cps
Gadolinium	160-1	308	283	308	300	4.81	cps
Gadolinium	160-2	333	337	270	313	11.99	cps
Holmium	165-1	24983589	24820679	24884294	24896187	0.33	cps
Holmium	165-2	11218090	11371090	11333119	11307433	0.70	cps
Indium	115-1	16595314	16551436	16799351	16648700	0.79	cps
Indium	115-2	2781076	2784237	2843800	2803037	1.26	cps
Iron	56-2	703140149	710626016	716714594	710160253	0.96	cps
Iron	57-2	17237247	17307143	17680509	17408299	1.37	cps
Krypton	83-1	700	713	880	764	13.12	cps
Lead	206-1	10980001	10967213	10944815	10964010	0.16	cps
Lead	207-1	9688771	9660605	9683776	9677717	0.16	cps
Lead	208-1	43598568	43307239	43504483	43470097	0.34	cps
Lithium	6-1	4754072	4709855	4805087	4756338	1.00	cps
Magnesium	24-2	127817336	128027186	129860474	128568332	0.87	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCV66 Instrumnet Name : P7
 Client Sample ID : CCV66 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:03:19 DataFile Name : 042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3838462	3891212	3927090	3885588	1.15	cps
Molybdenum	94-1	23461005	23193868	23450954	23368609	0.65	cps
Molybdenum	95-1	28685502	28714744	28929163	28776470	0.46	cps
Molybdenum	96-1	31721296	31690931	32009557	31807261	0.55	cps
Molybdenum	97-1	17776901	17812658	17935781	17841780	0.47	cps
Molybdenum	98-1	46330637	46452285	46532945	46438623	0.22	cps
Neodymium	150-1	1487	1513	1467	1489	1.57	cps
Neodymium	150-2	157	203	200	187	13.95	cps
Nickel	60-2	1374506	1400670	1404239	1393138	1.17	cps
Phosphorus	31-2	114286	117620	117888	116598	1.72	cps
Potassium	39-2	53809903	54019549	54811330	54213594	0.97	cps
Rhodium	103-1	14199848	14016102	14250293	14155414	0.87	cps
Rhodium	103-2	6471032	6492228	6536791	6500017	0.52	cps
Scandium	45-1	10101706	10048047	10270437	10140063	1.14	cps
Scandium	45-2	401397	407264	416635	408432	1.88	cps
Selenium	77-2	8819	8819	9417	9019	3.82	cps
Selenium	78-2	29851	30399	30428	30226	1.08	cps
Selenium	82-1	226797	227510	230204	228171	0.79	cps
Silicon	28-1	7301814	7457933	7585873	7448540	1.91	cps
Silver	109-1	14122824	14257435	14140082	14173447	0.52	cps
Silver	107-1	14706634	14681232	14764790	14717552	0.29	cps
Sodium	23-2	236538389	237573414	240811239	238307680	0.94	cps
Strontium	86-1	3780611	3810356	3834032	3808333	0.70	cps
Strontium	88-1	32947758	33056737	33146531	33050342	0.30	cps
Sulfur	34-1	1787523	1804864	1830197	1807528	1.19	cps
Terbium	159-1	24874673	24606914	25012161	24831249	0.83	cps
Terbium	159-2	10813030	10831875	10885801	10843569	0.35	cps
Thallium	203-1	13487692	13432973	13437874	13452847	0.23	cps
Thallium	205-1	32354748	32387942	32615121	32452604	0.44	cps
Thorium	232-1	48130512	47834621	47934723	47966619	0.31	cps
Tin	118-1	10381181	10317647	10331624	10343484	0.32	cps
Titanium	47-1	7884990	7856416	7999516	7913640	0.96	cps
Uranium	238-1	47331708	47535541	47191623	47352957	0.37	cps
Vanadium	51-2	2548935	2567201	2595056	2570397	0.90	cps
Yttrium	89-1	16709083	16657706	16760097	16708962	0.31	cps
Yttrium	89-2	2105277	2111159	2146143	2120859	1.04	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P7
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:03:19	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1095581	1097071	1110191	1100947	0.73	cps
Zirconium	90-1	19337125	19334161	19493399	19388228	0.47	cps
Zirconium	91-1	4296994	4305737	4346739	4316490	0.62	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P7
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:09:22 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	442	400	442	428	5.62	cps
Antimony	121-1	2267	2117	1934	2106	7.93	cps
Arsenic	75-2	30	52	31	38	32.74	cps
Barium	135-1	550	658	558	589	10.24	cps
Barium	137-1	983	850	983	939	8.20	cps
Beryllium	9-1	360	390	363	371	4.43	cps
Bismuth	209-1	17135634	17336611	17108949	17193731	0.72	cps
Bismuth	209-2	8496399	8620921	8540075	8552465	0.74	cps
Boron	10-1	18137	17602	17736	17825	1.56	cps
Boron	11-1	86547	82677	81621	83615	3.10	cps
Cadmium	111-1	5636	5690	5478	5601	1.96	cps
Cadmium	106-1	7627	7569	7377	7525	1.74	cps
Cadmium	108-1	58	13	33	35	66.09	cps
Calcium	43-1	933	833	775	847	9.45	cps
Calcium	44-1	21500	22343	21817	21886	1.94	cps
Chromium	52-2	2690	2960	2720	2790	5.30	cps
Cobalt	59-2	313	240	240	264	16.01	cps
Copper	63-2	7092	7068	7229	7130	1.21	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	92	100	58	83	26.46	cps
Erbium	164-2	43	20	27	30	40.05	cps
Gadolinium	160-1	92	175	142	136	30.82	cps
Gadolinium	160-2	270	237	307	271	12.92	cps
Holmium	165-1	25586877	25808391	25654005	25683091	0.44	cps
Holmium	165-2	11649718	11744723	11754289	11716244	0.49	cps
Indium	115-1	18710500	18570399	18591938	18624279	0.41	cps
Indium	115-2	3029785	3054889	3070470	3051715	0.67	cps
Iron	56-2	31590	31768	32709	32022	1.88	cps
Iron	57-2	800	817	678	765	9.92	cps
Krypton	83-1	830	740	717	762	7.85	cps
Lead	206-1	2428	2717	2378	2508	7.30	cps
Lead	207-1	2095	2184	2034	2104	3.59	cps
Lead	208-1	9452	10180	9946	9859	3.77	cps
Lithium	6-1	5149495	5184322	5164913	5166243	0.34	cps
Magnesium	24-2	5026	4684	5134	4948	4.75	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P7
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:09:22 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	303	350	283	312	10.96	cps
Molybdenum	94-1	2000	2134	1867	2000	6.67	cps
Molybdenum	95-1	2600	2459	2359	2473	4.91	cps
Molybdenum	96-1	3342	2592	2600	2845	15.14	cps
Molybdenum	97-1	1533	1475	1433	1481	3.39	cps
Molybdenum	98-1	4368	3576	3334	3759	14.38	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	160	177	187	174	7.72	cps
Phosphorus	31-2	125	167	100	131	25.80	cps
Potassium	39-2	24479	23728	23728	23978	1.81	cps
Rhodium	103-1	16792106	16880279	16701648	16791344	0.53	cps
Rhodium	103-2	7582850	7587576	7600697	7590375	0.12	cps
Scandium	45-1	10710096	10719730	10637969	10689265	0.42	cps
Scandium	45-2	399920	402359	403454	401911	0.45	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	76	96	70	81	16.88	cps
Selenium	82-1	-31	96	80	48	143.91	cps
Silicon	28-1	513624	512160	509547	511777	0.40	cps
Silver	109-1	2217	2492	2267	2325	6.30	cps
Silver	107-1	2542	2417	2317	2425	4.65	cps
Sodium	23-2	70407	68733	66264	68468	3.04	cps
Strontium	86-1	1333	1275	1392	1333	4.38	cps
Strontium	88-1	1567	1975	1483	1675	15.71	cps
Sulfur	34-1	528639	525794	532956	529130	0.68	cps
Terbium	159-1	25526787	25743330	25447262	25572460	0.60	cps
Terbium	159-2	11252518	11293330	11340119	11295322	0.39	cps
Thallium	203-1	2900	2967	2984	2950	1.49	cps
Thallium	205-1	7653	7269	6894	7272	5.22	cps
Thorium	232-1	3678	3695	3317	3564	5.99	cps
Tin	118-1	1817	1775	2000	1864	6.42	cps
Titanium	47-1	442	517	475	478	7.87	cps
Uranium	238-1	1942	1800	1475	1739	13.76	cps
Vanadium	51-2	103	137	127	122	13.99	cps
Yttrium	89-1	17796415	17839961	17766536	17800971	0.21	cps
Yttrium	89-2	2127566	2157305	2171475	2152115	1.04	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P7
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:09:22	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	420	487	477	461	7.80	cps
Zirconium	90-1	2200	1800	2117	2039	10.35	cps
Zirconium	91-1	375	392	350	372	5.63	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-05 Instrumnet Name : P7
 Client Sample ID : EPA-EX-2-OB-01092019 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:12:58 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144273	140287	141159	141906	1.48	cps
Antimony	121-1	46839	37602	33290	39244	17.64	cps
Arsenic	75-2	378	324	380	361	8.75	cps
Barium	135-1	98339	97860	98657	98285	0.41	cps
Barium	137-1	172890	171168	174718	172925	1.03	cps
Beryllium	9-1	2580	2770	2647	2666	3.62	cps
Bismuth	209-1	14429361	14636979	15461216	14842519	3.68	cps
Bismuth	209-2	7222077	7235738	7296887	7251567	0.55	cps
Boron	10-1	553877	566611	576353	565614	1.99	cps
Boron	11-1	2722546	2767326	2797344	2762405	1.36	cps
Cadmium	111-1	33582	34996	34978	34519	2.35	cps
Cadmium	106-1	9137	9504	9570	9404	2.48	cps
Cadmium	108-1	2192	2067	1950	2070	5.84	cps
Calcium	43-1	2267455	2294273	2285490	2282406	0.60	cps
Calcium	44-1	37229834	37129902	37010654	37123463	0.30	cps
Chromium	52-2	164233304	163367738	162284514	163295185	0.60	cps
Cobalt	59-2	64206	65201	63959	64455	1.02	cps
Copper	63-2	4768828	4749688	4743653	4754056	0.28	cps
Dysprosium	156-1	16778	17228	17862	17289	3.15	cps
Dysprosium	156-2	7746	8199	8143	8029	3.08	cps
Erbium	164-1	18179	19682	19064	18975	3.98	cps
Erbium	164-2	8173	7692	8373	8079	4.33	cps
Gadolinium	160-1	18630	19440	18538	18869	2.63	cps
Gadolinium	160-2	9727	9957	9944	9876	1.31	cps
Holmium	165-1	22789679	23516764	24712853	23673099	4.10	cps
Holmium	165-2	10546065	10554359	10619485	10573303	0.38	cps
Indium	115-1	15872026	16206362	17040187	16372858	3.67	cps
Indium	115-2	2649976	2645871	2657390	2651079	0.22	cps
Iron	56-2	300085	298134	294488	297569	0.95	cps
Iron	57-2	14813	14863	14730	14802	0.46	cps
Krypton	83-1	1433	1490	1443	1456	2.08	cps
Lead	206-1	23176	22375	23260	22937	2.13	cps
Lead	207-1	18886	19109	18853	18949	0.73	cps
Lead	208-1	88500	88568	88183	88417	0.23	cps
Lithium	6-1	4643787	4756117	4916872	4772259	2.88	cps
Magnesium	24-2	2622917	2595866	2581079	2599954	0.82	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-05	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-2-OB-01092019	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:12:58	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1591202	1583960	1584432	1586531	0.26	cps
Molybdenum	94-1	21317	21792	21100	21403	1.66	cps
Molybdenum	95-1	33357	33632	33240	33409	0.60	cps
Molybdenum	96-1	36147	36264	36431	36281	0.39	cps
Molybdenum	97-1	21024	21759	21634	21472	1.83	cps
Molybdenum	98-1	52673	53903	54296	53624	1.58	cps
Neodymium	150-1	18052	18052	18479	18195	1.36	cps
Neodymium	150-2	6308	6171	6182	6220	1.23	cps
Nickel	60-2	145085	144726	143248	144353	0.67	cps
Phosphorus	31-2	417	483	342	414	17.12	cps
Potassium	39-2	1394971	1380055	1380726	1385251	0.61	cps
Rhodium	103-1	13821573	14134318	15002457	14319449	4.27	cps
Rhodium	103-2	6376059	6436238	6430601	6414300	0.52	cps
Scandium	45-1	9287290	9486931	9923683	9565968	3.40	cps
Scandium	45-2	349259	351490	350419	350390	0.32	cps
Selenium	77-2	93	70	100	88	17.95	cps
Selenium	78-2	207	183	202	198	6.38	cps
Selenium	82-1	614	768	831	738	15.16	cps
Silicon	28-1	195315842	194727617	193430092	194491184	0.50	cps
Silver	109-1	159212	156710	159246	158389	0.92	cps
Silver	107-1	166628	164268	163728	164875	0.94	cps
Sodium	23-2	100150013	98948879	99081871	99393588	0.66	cps
Strontium	86-1	303486	301789	302629	302635	0.28	cps
Strontium	88-1	2597986	2612916	2638038	2616313	0.77	cps
Sulfur	34-1	3157035	3154634	3133628	3148432	0.41	cps
Terbium	159-1	22694832	23143260	24476350	23438147	3.95	cps
Terbium	159-2	10220197	10154854	10263789	10212947	0.54	cps
Thallium	203-1	9637	7577	6727	7981	18.75	cps
Thallium	205-1	22896	18172	16277	19115	17.83	cps
Thorium	232-1	2845	2611	2695	2717	4.35	cps
Tin	118-1	33825	34493	34669	34329	1.30	cps
Titanium	47-1	5960	5993	6402	6118	4.02	cps
Uranium	238-1	8336	8428	8036	8267	2.48	cps
Vanadium	51-2	1463	1240	1310	1338	8.54	cps
Yttrium	89-1	15561496	15915652	16776214	16084454	3.88	cps
Yttrium	89-2	1920082	1935102	1936338	1930507	0.47	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-05	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-2-OB-01092019	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:12:58	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	199990	196634	196232	197618	1.04	cps
Zirconium	90-1	7160	7652	7486	7433	3.37	cps
Zirconium	91-1	1775	1667	1533	1659	7.30	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-07 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:16:38 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	517	617	475	536	13.58	cps
Antimony	121-1	23170	21676	21309	22051	4.47	cps
Arsenic	75-2	474	456	469	466	2.04	cps
Barium	135-1	1050697	1054452	1055647	1053598	0.25	cps
Barium	137-1	1844033	1859264	1858971	1854089	0.47	cps
Beryllium	9-1	223	303	203	243	21.75	cps
Bismuth	209-1	14919082	15275162	15231287	15141844	1.28	cps
Bismuth	209-2	7211264	7104942	7225684	7180630	0.92	cps
Boron	10-1	63877	63007	62572	63152	1.05	cps
Boron	11-1	305491	301996	302397	303295	0.63	cps
Cadmium	111-1	4905	5247	5190	5114	3.59	cps
Cadmium	106-1	6518	6977	7019	6838	4.06	cps
Cadmium	108-1	29	58	63	50	36.32	cps
Calcium	43-1	5916069	5936812	5936154	5929678	0.20	cps
Calcium	44-1	97607723	97487711	96941627	97345687	0.36	cps
Chromium	52-2	9809629	9765546	9731072	9768749	0.40	cps
Cobalt	59-2	1243	1143	1183	1190	4.23	cps
Copper	63-2	35159	35162	34615	34979	0.90	cps
Dysprosium	156-1	175	175	192	181	5.33	cps
Dysprosium	156-2	103	83	113	100	15.28	cps
Erbium	164-1	575	692	825	697	17.94	cps
Erbium	164-2	310	343	280	311	10.18	cps
Gadolinium	160-1	358	417	275	350	20.34	cps
Gadolinium	160-2	367	343	337	349	4.52	cps
Holmium	165-1	23730070	24528579	24310371	24189673	1.71	cps
Holmium	165-2	10617902	10425775	10483060	10508913	0.94	cps
Indium	115-1	16606548	17062399	16759164	16809371	1.38	cps
Indium	115-2	2622328	2580214	2605716	2602753	0.82	cps
Iron	56-2	79106	79018	78811	78978	0.19	cps
Iron	57-2	21143	21522	21666	21444	1.26	cps
Krypton	83-1	1047	1253	1143	1148	9.01	cps
Lead	206-1	5051	5557	5474	5360	5.06	cps
Lead	207-1	4640	4251	4323	4405	4.70	cps
Lead	208-1	20434	20268	20323	20342	0.42	cps
Lithium	6-1	4837154	4928377	4893087	4886206	0.94	cps
Magnesium	24-2	8729445	8715030	8620887	8688454	0.68	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-07	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:16:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2767	2600	2570	2646	4.01	cps
Molybdenum	94-1	3192	3676	3534	3467	7.17	cps
Molybdenum	95-1	4484	5009	5051	4848	6.52	cps
Molybdenum	96-1	5551	5626	5343	5507	2.67	cps
Molybdenum	97-1	3175	3184	2942	3100	4.43	cps
Molybdenum	98-1	8228	8311	7652	8064	4.45	cps
Neodymium	150-1	280	173	213	222	24.25	cps
Neodymium	150-2	67	57	33	52	32.76	cps
Nickel	60-2	5321	5381	5318	5340	0.67	cps
Phosphorus	31-2	258	283	392	311	22.78	cps
Potassium	39-2	626245	619159	608165	617856	1.47	cps
Rhodium	103-1	14371318	14808657	14634653	14604876	1.51	cps
Rhodium	103-2	6459810	6315626	6370196	6381877	1.14	cps
Scandium	45-1	9571217	9789309	9638593	9666373	1.16	cps
Scandium	45-2	345704	341450	345294	344149	0.68	cps
Selenium	77-2	60	80	63	68	15.81	cps
Selenium	78-2	207	187	178	191	7.95	cps
Selenium	82-1	971	739	785	832	14.73	cps
Silicon	28-1	85196006	84944225	84693475	84944569	0.30	cps
Silver	109-1	2567	2359	2450	2459	4.25	cps
Silver	107-1	2634	2475	2659	2589	3.84	cps
Sodium	23-2	56287793	56450178	55777853	56171942	0.62	cps
Strontium	86-1	986073	986788	983928	985596	0.15	cps
Strontium	88-1	8635297	8655800	8622118	8637738	0.20	cps
Sulfur	34-1	1528620	1526770	1529348	1528246	0.09	cps
Terbium	159-1	23748822	24514479	24429933	24231078	1.73	cps
Terbium	159-2	10211353	10019811	10093781	10108315	0.96	cps
Thallium	203-1	2700	2567	2192	2486	10.60	cps
Thallium	205-1	6260	5877	5618	5918	5.46	cps
Thorium	232-1	1561	1356	1545	1487	7.68	cps
Tin	118-1	10713	10279	11455	10816	5.50	cps
Titanium	47-1	3175	2575	2984	2912	10.53	cps
Uranium	238-1	22362	23030	22395	22596	1.67	cps
Vanadium	51-2	5374	5434	5348	5386	0.82	cps
Yttrium	89-1	15994875	16440816	16211194	16215628	1.38	cps
Yttrium	89-2	1891162	1847646	1866233	1868347	1.17	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-07	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:16:38	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5955	5885	5765	5868	1.64	cps
Zirconium	90-1	1792	1750	1900	1814	4.27	cps
Zirconium	91-1	417	508	375	433	15.74	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05DLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109D Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:22:38 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	108	183	128	38.21	cps
Antimony	121-1	2500	1959	2159	2206	12.42	cps
Arsenic	75-2	1522	1572	1496	1530	2.52	cps
Barium	135-1	17195	16978	17712	17295	2.18	cps
Barium	137-1	30819	29432	30459	30237	2.38	cps
Beryllium	9-1	180	220	213	204	10.48	cps
Bismuth	209-1	16223361	15947610	15841217	16004063	1.23	cps
Bismuth	209-2	7849964	7878284	7909684	7879311	0.38	cps
Boron	10-1	28929	29922	30056	29635	2.08	cps
Boron	11-1	139816	143929	142946	142230	1.51	cps
Cadmium	111-1	5138	4965	4708	4937	4.39	cps
Cadmium	106-1	7252	7010	6594	6952	4.79	cps
Cadmium	108-1	25	54	17	32	61.64	cps
Calcium	43-1	3074738	3083792	3105970	3088167	0.52	cps
Calcium	44-1	50304661	50541651	50736291	50527534	0.43	cps
Chromium	52-2	9020	8913	8783	8905	1.33	cps
Cobalt	59-2	118379	118181	119132	118564	0.42	cps
Copper	63-2	9076	8819	9163	9020	1.98	cps
Dysprosium	156-1	25	58	50	44	39.04	cps
Dysprosium	156-2	20	23	27	23	14.29	cps
Erbium	164-1	108	108	150	122	19.68	cps
Erbium	164-2	63	33	47	48	31.46	cps
Gadolinium	160-1	125	133	158	139	12.49	cps
Gadolinium	160-2	257	290	300	282	8.04	cps
Holmium	165-1	24738070	24485360	24222518	24481983	1.05	cps
Holmium	165-2	11091527	11023319	11094423	11069757	0.36	cps
Indium	115-1	17353454	17064284	17058494	17158744	0.98	cps
Indium	115-2	2778048	2779434	2793466	2783649	0.31	cps
Iron	56-2	11748681	11654113	11778907	11727234	0.56	cps
Iron	57-2	289797	291282	295893	292324	1.09	cps
Krypton	83-1	690	660	693	681	2.70	cps
Lead	206-1	1750	1734	1922	1802	5.80	cps
Lead	207-1	1745	1617	1717	1693	3.97	cps
Lead	208-1	7084	7190	7395	7223	2.19	cps
Lithium	6-1	4668787	4646091	4592575	4635818	0.84	cps
Magnesium	24-2	3043980	3003962	3008996	3018980	0.72	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05DLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109D Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:22:38 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1548602	1546495	1567595	1554231	0.75	cps
Molybdenum	94-1	2317	2642	2492	2484	6.55	cps
Molybdenum	95-1	2859	2900	2809	2856	1.61	cps
Molybdenum	96-1	2984	3167	3184	3112	3.57	cps
Molybdenum	97-1	1842	1709	1533	1695	9.13	cps
Molybdenum	98-1	4167	4217	4351	4245	2.23	cps
Neodymium	150-1	53	40	40	44	17.33	cps
Neodymium	150-2	10	20	10	13	43.30	cps
Nickel	60-2	49858	49898	49972	49909	0.12	cps
Phosphorus	31-2	175	217	183	192	11.50	cps
Potassium	39-2	110240	110669	112651	111187	1.16	cps
Rhodium	103-1	15286375	15087723	14894477	15089525	1.30	cps
Rhodium	103-2	6777650	6752160	6798444	6776085	0.34	cps
Scandium	45-1	9726281	9643695	9525575	9631850	1.05	cps
Scandium	45-2	359255	355889	359818	358321	0.59	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	59	46	56	54	12.43	cps
Selenium	82-1	125	110	161	132	19.75	cps
Silicon	28-1	8907986	8868098	8880218	8885434	0.23	cps
Silver	109-1	750	675	742	722	5.69	cps
Silver	107-1	1058	892	933	961	9.03	cps
Sodium	23-2	36857649	36509981	36743535	36703722	0.48	cps
Strontium	86-1	828363	817069	820646	822026	0.70	cps
Strontium	88-1	7257388	7204770	7200682	7220947	0.44	cps
Sulfur	34-1	6021650	6000540	6034358	6018849	0.28	cps
Terbium	159-1	24773722	24459068	24229928	24487573	1.11	cps
Terbium	159-2	10652131	10683719	10594960	10643603	0.42	cps
Thallium	203-1	1442	1058	1117	1206	17.13	cps
Thallium	205-1	3059	2784	2959	2934	4.75	cps
Thorium	232-1	622	406	472	500	22.19	cps
Tin	118-1	1617	1634	1392	1547	8.72	cps
Titanium	47-1	492	517	483	497	3.49	cps
Uranium	238-1	11806	12048	11956	11937	1.02	cps
Vanadium	51-2	9763	9813	10174	9917	2.26	cps
Yttrium	89-1	16518052	16322138	16136292	16325494	1.17	cps
Yttrium	89-2	1962569	1971323	1981717	1971870	0.49	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05DLX10	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109D	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 17:22:38	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2154	1964	1867	1995	7.31	cps
Zirconium	90-1	2300	2392	2142	2278	5.55	cps
Zirconium	91-1	500	467	442	469	6.23	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05DUPDLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109D Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:26:14 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	142	92	117	21.43	cps
Antimony	121-1	1892	1967	2134	1997	6.19	cps
Arsenic	75-2	1530	1541	1533	1535	0.37	cps
Barium	135-1	17295	17186	16953	17145	1.02	cps
Barium	137-1	29816	29992	31203	30337	2.49	cps
Beryllium	9-1	187	173	167	176	5.80	cps
Bismuth	209-1	16046479	16111051	16110091	16089207	0.23	cps
Bismuth	209-2	7960351	7887357	7897254	7914987	0.50	cps
Boron	10-1	28486	29839	29605	29310	2.47	cps
Boron	11-1	136024	138076	138034	137378	0.85	cps
Cadmium	111-1	5234	5124	5044	5134	1.86	cps
Cadmium	106-1	7394	7244	7135	7258	1.79	cps
Cadmium	108-1	13	13	38	21	69.28	cps
Calcium	43-1	3099568	3119371	3131753	3116898	0.52	cps
Calcium	44-1	50579230	50850682	50682206	50704040	0.27	cps
Chromium	52-2	7035	7342	6938	7105	2.97	cps
Cobalt	59-2	119827	119015	119474	119439	0.34	cps
Copper	63-2	8456	8836	8596	8629	2.23	cps
Dysprosium	156-1	8	58	17	28	96.44	cps
Dysprosium	156-2	13	17	23	18	28.64	cps
Erbium	164-1	133	133	142	136	3.53	cps
Erbium	164-2	47	47	63	52	18.42	cps
Gadolinium	160-1	158	200	150	169	15.81	cps
Gadolinium	160-2	250	290	283	274	7.81	cps
Holmium	165-1	24650916	24792797	24906575	24783430	0.52	cps
Holmium	165-2	11229011	11162802	11101148	11164321	0.57	cps
Indium	115-1	17267986	17349305	17311665	17309652	0.24	cps
Indium	115-2	2820206	2793806	2811045	2808352	0.48	cps
Iron	56-2	11786120	11665993	11679224	11710446	0.56	cps
Iron	57-2	293933	295313	295626	294957	0.31	cps
Krypton	83-1	633	793	703	710	11.30	cps
Lead	206-1	1817	1961	1867	1882	3.90	cps
Lead	207-1	1572	1695	1578	1615	4.27	cps
Lead	208-1	7034	7562	7112	7236	3.94	cps
Lithium	6-1	4657683	4651484	4674312	4661159	0.25	cps
Magnesium	24-2	3063815	3054390	3073156	3063787	0.31	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05DUPDLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109D Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:26:14 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1566769	1549647	1574876	1563764	0.82	cps
Molybdenum	94-1	2409	2284	2484	2392	4.22	cps
Molybdenum	95-1	2734	2867	2784	2795	2.41	cps
Molybdenum	96-1	3426	3050	3150	3209	6.05	cps
Molybdenum	97-1	2009	1734	1617	1786	11.26	cps
Molybdenum	98-1	4634	4759	4526	4640	2.52	cps
Neodymium	150-1	47	33	40	40	16.68	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	50701	50226	50754	50560	0.58	cps
Phosphorus	31-2	92	175	158	142	31.13	cps
Potassium	39-2	110677	112407	112113	111732	0.83	cps
Rhodium	103-1	15112924	15208680	15077618	15133074	0.45	cps
Rhodium	103-2	6854975	6834501	6800506	6829994	0.40	cps
Scandium	45-1	9673786	9693940	9704267	9690665	0.16	cps
Scandium	45-2	362782	357236	363840	361286	0.98	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	72	69	70	70	2.63	cps
Selenium	82-1	137	65	87	96	38.55	cps
Silicon	28-1	8911477	8969230	8985866	8955524	0.44	cps
Silver	109-1	883	883	725	831	11.01	cps
Silver	107-1	1025	850	892	922	9.91	cps
Sodium	23-2	37212532	36780725	37090334	37027864	0.60	cps
Strontium	86-1	831348	839823	839034	836735	0.56	cps
Strontium	88-1	7265688	7294184	7299429	7286434	0.25	cps
Sulfur	34-1	6063074	6085360	6109700	6086045	0.38	cps
Terbium	159-1	24545318	24585555	24675080	24601984	0.27	cps
Terbium	159-2	10776679	10696205	10718334	10730406	0.39	cps
Thallium	203-1	1250	1025	1158	1145	9.89	cps
Thallium	205-1	2500	2559	2467	2509	1.85	cps
Thorium	232-1	428	411	506	448	11.25	cps
Tin	118-1	1517	1542	1500	1520	1.38	cps
Titanium	47-1	475	450	475	467	3.09	cps
Uranium	238-1	12148	11639	11931	11906	2.14	cps
Vanadium	51-2	10204	10264	10404	10290	1.00	cps
Yttrium	89-1	16447396	16565066	16469344	16493935	0.38	cps
Yttrium	89-2	1992486	1993904	1998155	1994849	0.15	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05DUPDLX10	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109D	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 17:26:14	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2120	2030	2064	2071	2.20	cps
Zirconium	90-1	2200	2392	2467	2353	5.85	cps
Zirconium	91-1	567	633	533	578	8.81	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05LDLX50 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109LI Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 17:29:51 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	83	92	103	26.06	cps
Antimony	121-1	283	375	317	325	14.28	cps
Arsenic	75-2	333	313	287	311	7.46	cps
Barium	135-1	3301	3459	3434	3398	2.51	cps
Barium	137-1	5660	6552	6560	6257	8.27	cps
Beryllium	9-1	163	137	163	154	9.97	cps
Bismuth	209-1	16741189	16816561	16700684	16752811	0.35	cps
Bismuth	209-2	8285127	8175358	8222069	8227518	0.67	cps
Boron	10-1	11755	10754	10688	11066	5.40	cps
Boron	11-1	51873	53094	50636	51868	2.37	cps
Cadmium	111-1	5150	4827	4957	4978	3.26	cps
Cadmium	106-1	7311	6835	7027	7058	3.39	cps
Cadmium	108-1	25	17	29	24	26.95	cps
Calcium	43-1	623014	626800	627331	625715	0.38	cps
Calcium	44-1	10222526	10247772	10256887	10242395	0.17	cps
Chromium	52-2	7442	7429	7919	7597	3.68	cps
Cobalt	59-2	24718	24020	24708	24482	1.63	cps
Copper	63-2	6808	6865	7025	6900	1.63	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	83	67	100	83	20.00	cps
Erbium	164-2	40	47	33	40	16.68	cps
Gadolinium	160-1	200	117	158	158	26.32	cps
Gadolinium	160-2	247	287	240	258	9.79	cps
Holmium	165-1	24755701	24860148	24931467	24849105	0.36	cps
Holmium	165-2	11268218	11270377	11340567	11293054	0.36	cps
Indium	115-1	17613498	17767333	17738906	17706579	0.46	cps
Indium	115-2	2863614	2874155	2913403	2883724	0.91	cps
Iron	56-2	2316557	2328156	2341803	2328839	0.54	cps
Iron	57-2	59170	60039	60759	59989	1.33	cps
Krypton	83-1	663	670	660	664	0.77	cps
Lead	206-1	1378	1567	1439	1461	6.60	cps
Lead	207-1	1345	1539	1295	1393	9.27	cps
Lead	208-1	6062	6523	5934	6173	5.02	cps
Lithium	6-1	4715410	4758737	4762312	4745486	0.55	cps
Magnesium	24-2	612069	612770	620780	615206	0.79	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05LDLX50 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109LI Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 17:29:51 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	314136	314515	319022	315891	0.86	cps
Molybdenum	94-1	925	992	850	922	7.69	cps
Molybdenum	95-1	700	850	667	739	13.22	cps
Molybdenum	96-1	892	925	850	889	4.23	cps
Molybdenum	97-1	475	525	442	481	8.73	cps
Molybdenum	98-1	1175	1242	1133	1183	4.62	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	10447	11091	10437	10658	3.51	cps
Phosphorus	31-2	125	100	225	150	44.10	cps
Potassium	39-2	37657	36763	36930	37116	1.28	cps
Rhodium	103-1	15740579	15794963	15770824	15768789	0.17	cps
Rhodium	103-2	7099300	7025522	7054951	7059924	0.53	cps
Scandium	45-1	9814989	9848918	9887349	9850419	0.37	cps
Scandium	45-2	368949	371213	375919	372027	0.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	76	61	65	15.12	cps
Selenium	82-1	48	40	28	38	26.36	cps
Silicon	28-1	2389144	2401936	2391907	2394329	0.28	cps
Silver	109-1	633	858	867	786	16.84	cps
Silver	107-1	883	892	883	886	0.54	cps
Sodium	23-2	7444004	7403137	7467912	7438351	0.44	cps
Strontium	86-1	166210	166107	168157	166825	0.69	cps
Strontium	88-1	1445124	1452227	1451030	1449460	0.26	cps
Sulfur	34-1	1970511	1988063	1969464	1976013	0.53	cps
Terbium	159-1	24660688	25264141	24737356	24887395	1.32	cps
Terbium	159-2	10860514	10871462	10933460	10888479	0.36	cps
Thallium	203-1	850	817	825	831	2.09	cps
Thallium	205-1	2109	2342	2292	2248	5.47	cps
Thorium	232-1	417	411	367	398	6.88	cps
Tin	118-1	1467	1525	1292	1428	8.51	cps
Titanium	47-1	258	275	208	247	14.03	cps
Uranium	238-1	2509	2542	2267	2439	6.15	cps
Vanadium	51-2	2110	2040	2164	2105	2.94	cps
Yttrium	89-1	16646058	16759614	16776132	16727268	0.42	cps
Yttrium	89-2	2031938	2036157	2050134	2039410	0.47	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05LDLX50	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109LI	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:29:51	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1050	983	1007	1013	3.34	cps
Zirconium	90-1	1408	1383	1242	1345	6.69	cps
Zirconium	91-1	317	225	300	281	17.41	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-06DLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109M Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:33:27 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	194145	194084	196431	194886	0.69	cps
Antimony	121-1	1061920	1066953	1063667	1064180	0.24	cps
Arsenic	75-2	32863	33344	32768	32992	0.94	cps
Barium	135-1	1425738	1437348	1467534	1443540	1.49	cps
Barium	137-1	2518629	2539451	2570153	2542744	1.02	cps
Beryllium	9-1	237290	237056	237526	237290	0.10	cps
Bismuth	209-1	15914937	15877013	15938781	15910244	0.20	cps
Bismuth	209-2	7803515	7775076	7793040	7790544	0.18	cps
Boron	10-1	74233	74441	76226	74967	1.46	cps
Boron	11-1	355852	354420	358077	356116	0.52	cps
Cadmium	111-1	340682	341508	343767	341986	0.47	cps
Cadmium	106-1	43526	42916	44663	43702	2.03	cps
Cadmium	108-1	25519	25348	25590	25486	0.49	cps
Calcium	43-1	3461245	3457380	3456361	3458329	0.07	cps
Calcium	44-1	56154112	55544574	55665070	55787919	0.58	cps
Chromium	52-2	298975	293252	296597	296274	0.97	cps
Cobalt	59-2	639887	635504	635377	636922	0.40	cps
Copper	63-2	766876	766445	767904	767075	0.10	cps
Dysprosium	156-1	42	50	58	50	16.67	cps
Dysprosium	156-2	23	33	23	27	21.65	cps
Erbium	164-1	150	208	108	156	32.29	cps
Erbium	164-2	37	67	80	61	36.31	cps
Gadolinium	160-1	158	133	125	139	12.49	cps
Gadolinium	160-2	263	300	210	258	17.56	cps
Holmium	165-1	24796014	24648196	24638383	24694198	0.36	cps
Holmium	165-2	11108657	11122777	11092287	11107907	0.14	cps
Indium	115-1	17178291	17068467	17030541	17092433	0.45	cps
Indium	115-2	2800562	2833265	2809278	2814368	0.60	cps
Iron	56-2	25330923	25208307	25122871	25220700	0.41	cps
Iron	57-2	621329	629762	623076	624722	0.71	cps
Krypton	83-1	777	733	707	739	4.78	cps
Lead	206-1	1117012	1126562	1135241	1126272	0.81	cps
Lead	207-1	965406	959728	980057	968397	1.08	cps
Lead	208-1	4389904	4392233	4465451	4415863	0.97	cps
Lithium	6-1	4603854	4576563	4589489	4589969	0.30	cps
Magnesium	24-2	5377480	5352981	5348524	5359661	0.29	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-06DLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109M Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:33:27 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1952649	1948060	1938334	1946348	0.38	cps
Molybdenum	94-1	2232692	2269065	2273321	2258359	0.99	cps
Molybdenum	95-1	2719526	2757917	2799055	2758833	1.44	cps
Molybdenum	96-1	3006099	3059064	3092040	3052401	1.42	cps
Molybdenum	97-1	1695038	1729431	1728456	1717642	1.14	cps
Molybdenum	98-1	4432747	4488120	4515664	4478844	0.94	cps
Neodymium	150-1	127	180	140	149	18.64	cps
Neodymium	150-2	23	17	23	21	18.21	cps
Nickel	60-2	186918	188735	188518	188057	0.53	cps
Phosphorus	31-2	192	208	175	192	8.69	cps
Potassium	39-2	1067159	1063242	1062908	1064436	0.22	cps
Rhodium	103-1	15120721	14975629	15034715	15043688	0.48	cps
Rhodium	103-2	6754863	6748741	6750078	6751227	0.05	cps
Scandium	45-1	9670876	9554006	9607292	9610725	0.61	cps
Scandium	45-2	363194	362625	363984	363268	0.19	cps
Selenium	77-2	930	1083	963	992	8.13	cps
Selenium	78-2	3256	3239	3215	3237	0.63	cps
Selenium	82-1	25051	24861	25574	25162	1.47	cps
Silicon	28-1	9605221	9546626	9544691	9565513	0.36	cps
Silver	109-1	1508155	1532987	1542495	1527879	1.16	cps
Silver	107-1	1580708	1580279	1598040	1586342	0.64	cps
Sodium	23-2	41379024	41172475	41069635	41207045	0.38	cps
Strontium	86-1	1201556	1214575	1206343	1207491	0.55	cps
Strontium	88-1	10490705	10435809	10469316	10465277	0.26	cps
Sulfur	34-1	6053206	6044071	6028501	6041926	0.21	cps
Terbium	159-1	24499660	24432630	24491721	24474670	0.15	cps
Terbium	159-2	10727842	10737109	10654004	10706319	0.43	cps
Thallium	203-1	1378223	1392922	1401899	1391015	0.86	cps
Thallium	205-1	3318282	3343417	3376815	3346171	0.88	cps
Thorium	232-1	739	622	578	646	12.88	cps
Tin	118-1	1011139	1009381	1028025	1016181	1.01	cps
Titanium	47-1	727186	729016	737927	731376	0.79	cps
Uranium	238-1	4634126	4602570	4659812	4632169	0.62	cps
Vanadium	51-2	240775	238432	238357	239188	0.57	cps
Yttrium	89-1	16430895	16366469	16382294	16393219	0.20	cps
Yttrium	89-2	2001891	2007217	1999628	2002912	0.19	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-06DLX10	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109M	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 17:33:27	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	117753	117760	116957	117490	0.39	cps
Zirconium	90-1	1879414	1893799	1897979	1890397	0.52	cps
Zirconium	91-1	416963	420317	420786	419355	0.50	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-07DLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109M Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:37:04 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195098	195410	193721	194743	0.46	cps
Antimony	121-1	1049717	1055380	1064334	1056477	0.70	cps
Arsenic	75-2	32898	32997	33372	33089	0.75	cps
Barium	135-1	1431919	1441692	1450004	1441205	0.63	cps
Barium	137-1	2495988	2543726	2564473	2534729	1.39	cps
Beryllium	9-1	235042	236148	234757	235316	0.31	cps
Bismuth	209-1	16014154	15864842	15932200	15937065	0.47	cps
Bismuth	209-2	7858051	7807569	7810454	7825358	0.36	cps
Boron	10-1	73546	73990	75681	74405	1.51	cps
Boron	11-1	354310	354208	361605	356708	1.19	cps
Cadmium	111-1	335444	336902	339104	337150	0.55	cps
Cadmium	106-1	43317	43568	43367	43417	0.31	cps
Cadmium	108-1	25352	25490	25932	25591	1.18	cps
Calcium	43-1	3434350	3451753	3478806	3454970	0.65	cps
Calcium	44-1	56257172	55881803	55954193	56031056	0.36	cps
Chromium	52-2	291214	293229	293934	292792	0.48	cps
Cobalt	59-2	629377	632260	633506	631714	0.34	cps
Copper	63-2	763330	766221	762181	763910	0.27	cps
Dysprosium	156-1	50	33	67	50	33.34	cps
Dysprosium	156-2	50	30	23	34	40.30	cps
Erbium	164-1	117	158	192	156	24.16	cps
Erbium	164-2	43	70	47	53	27.24	cps
Gadolinium	160-1	192	208	225	208	8.00	cps
Gadolinium	160-2	290	313	240	281	13.33	cps
Holmium	165-1	24597636	24548973	24682667	24609759	0.27	cps
Holmium	165-2	11079040	11142315	11141422	11120926	0.33	cps
Indium	115-1	17151610	17119757	17366809	17212726	0.78	cps
Indium	115-2	2836540	2830359	2829430	2832110	0.14	cps
Iron	56-2	25258664	25261853	25081250	25200589	0.41	cps
Iron	57-2	621437	624802	627595	624611	0.49	cps
Krypton	83-1	720	670	673	688	4.06	cps
Lead	206-1	1110802	1118840	1128043	1119228	0.77	cps
Lead	207-1	948299	953802	973889	958663	1.41	cps
Lead	208-1	4355247	4355430	4430873	4380517	1.00	cps
Lithium	6-1	4576129	4582606	4593667	4584134	0.19	cps
Magnesium	24-2	5364973	5366323	5314346	5348547	0.55	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-07DLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109M Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:37:04 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1953460	1947566	1953268	1951431	0.17	cps
Molybdenum	94-1	2242284	2255740	2289951	2262658	1.09	cps
Molybdenum	95-1	2746919	2738934	2799612	2761822	1.19	cps
Molybdenum	96-1	3037306	3041098	3105360	3061255	1.25	cps
Molybdenum	97-1	1703320	1713331	1746107	1720919	1.30	cps
Molybdenum	98-1	4436787	4451119	4504864	4464257	0.80	cps
Neodymium	150-1	133	147	140	140	4.76	cps
Neodymium	150-2	17	20	10	16	32.73	cps
Nickel	60-2	188336	186560	187269	187388	0.48	cps
Phosphorus	31-2	167	192	217	192	13.05	cps
Potassium	39-2	1059940	1069640	1068536	1066039	0.50	cps
Rhodium	103-1	15059851	14974114	15018940	15017635	0.29	cps
Rhodium	103-2	6796122	6810842	6798129	6801698	0.12	cps
Scandium	45-1	9727577	9628019	9750864	9702153	0.67	cps
Scandium	45-2	367503	367072	368174	367583	0.15	cps
Selenium	77-2	900	1023	910	944	7.25	cps
Selenium	78-2	3086	3061	3048	3065	0.61	cps
Selenium	82-1	24781	25142	25022	24982	0.73	cps
Silicon	28-1	9549597	9552713	9619839	9574050	0.41	cps
Silver	109-1	1489711	1506621	1514276	1503536	0.84	cps
Silver	107-1	1559121	1561489	1606299	1575637	1.69	cps
Sodium	23-2	40918553	41094976	41190077	41067869	0.34	cps
Strontium	86-1	1197432	1212081	1216852	1208788	0.84	cps
Strontium	88-1	10369849	10463758	10497385	10443664	0.63	cps
Sulfur	34-1	6050774	6018153	6044906	6037944	0.29	cps
Terbium	159-1	24559071	24360403	24672340	24530605	0.64	cps
Terbium	159-2	10667483	10698652	10766187	10710774	0.47	cps
Thallium	203-1	1368725	1386692	1387698	1381038	0.77	cps
Thallium	205-1	3321916	3321132	3373062	3338703	0.89	cps
Thorium	232-1	522	594	539	552	6.85	cps
Tin	118-1	1001291	1004887	1017423	1007867	0.84	cps
Titanium	47-1	729505	726585	738916	731669	0.88	cps
Uranium	238-1	4580402	4604179	4667040	4617207	0.97	cps
Vanadium	51-2	236278	237531	235851	236553	0.37	cps
Yttrium	89-1	16559669	16513796	16608124	16560530	0.28	cps
Yttrium	89-2	2008546	2010381	2014882	2011270	0.16	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-07DLX10	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109M	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 17:37:04	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	116444	117011	116543	116666	0.26	cps
Zirconium	90-1	1881038	1895305	1921829	1899391	1.09	cps
Zirconium	91-1	417934	420935	424922	421264	0.83	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05ADLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109A Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:40:41 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	198484	198854	200797	199379	0.62	cps
Antimony	121-1	1080241	1087602	1100331	1089391	0.93	cps
Arsenic	75-2	34259	34289	33912	34153	0.61	cps
Barium	135-1	1477821	1479033	1495988	1484281	0.68	cps
Barium	137-1	2582384	2604509	2613482	2600125	0.62	cps
Beryllium	9-1	238280	240187	240082	239516	0.45	cps
Bismuth	209-1	15756115	15980577	15921589	15886094	0.73	cps
Bismuth	209-2	7823135	7946510	7869711	7879785	0.79	cps
Boron	10-1	75321	75112	78496	76310	2.48	cps
Boron	11-1	356355	367488	366220	363354	1.68	cps
Cadmium	111-1	343050	345884	347767	345567	0.69	cps
Cadmium	106-1	44279	44237	44872	44462	0.80	cps
Cadmium	108-1	26346	26826	26341	26504	1.05	cps
Calcium	43-1	3535729	3586552	3581963	3568081	0.79	cps
Calcium	44-1	57273845	57317783	57831985	57474537	0.54	cps
Chromium	52-2	302792	304470	303539	303600	0.28	cps
Cobalt	59-2	659741	654004	649191	654312	0.81	cps
Copper	63-2	794810	793286	793134	793743	0.12	cps
Dysprosium	156-1	50	17	33	33	50.00	cps
Dysprosium	156-2	43	40	73	52	35.16	cps
Erbium	164-1	192	167	167	175	8.25	cps
Erbium	164-2	63	50	40	51	22.90	cps
Gadolinium	160-1	158	200	200	186	12.93	cps
Gadolinium	160-2	243	220	260	241	8.33	cps
Holmium	165-1	24595731	24502135	24691576	24596481	0.39	cps
Holmium	165-2	11220510	11204373	11149103	11191328	0.33	cps
Indium	115-1	17123881	17239956	17306083	17223306	0.54	cps
Indium	115-2	2831486	2837441	2829580	2832836	0.14	cps
Iron	56-2	28653849	28531686	28431015	28538850	0.39	cps
Iron	57-2	704551	702662	704899	704038	0.17	cps
Krypton	83-1	687	790	883	787	12.51	cps
Lead	206-1	1127193	1147507	1164537	1146412	1.63	cps
Lead	207-1	969451	987738	995873	984354	1.37	cps
Lead	208-1	4431494	4500455	4545083	4492344	1.27	cps
Lithium	6-1	4561594	4581066	4582679	4575113	0.26	cps
Magnesium	24-2	5499291	5530527	5487079	5505632	0.41	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-05ADLX10 Instrumnet Name : P7
 Client Sample ID : WP022MW359-190109A Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 17:40:41 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2028896	2034618	2012041	2025185	0.58	cps
Molybdenum	94-1	2307572	2310129	2334747	2317483	0.65	cps
Molybdenum	95-1	2804144	2830214	2865566	2833308	1.09	cps
Molybdenum	96-1	3100835	3167209	3145102	3137715	1.08	cps
Molybdenum	97-1	1757986	1769051	1767219	1764752	0.34	cps
Molybdenum	98-1	4574339	4602362	4597069	4591256	0.32	cps
Neodymium	150-1	213	147	133	164	26.06	cps
Neodymium	150-2	7	13	23	14	58.06	cps
Nickel	60-2	194698	191786	191861	192782	0.86	cps
Phosphorus	31-2	183	217	158	186	15.73	cps
Potassium	39-2	1107474	1099135	1093363	1099991	0.64	cps
Rhodium	103-1	15181722	15150670	15180068	15170820	0.12	cps
Rhodium	103-2	6841324	6839747	6813400	6831490	0.23	cps
Scandium	45-1	9724795	9724486	9798115	9749132	0.44	cps
Scandium	45-2	367238	370624	369174	369012	0.46	cps
Selenium	77-2	860	880	820	853	3.58	cps
Selenium	78-2	3295	3187	3328	3270	2.25	cps
Selenium	82-1	25595	25862	25579	25679	0.62	cps
Silicon	28-1	9784487	9804563	9844264	9811105	0.31	cps
Silver	109-1	1545768	1554405	1555948	1552041	0.35	cps
Silver	107-1	1610108	1616391	1622516	1616338	0.38	cps
Sodium	23-2	42145284	42467286	41999017	42203862	0.57	cps
Strontium	86-1	1219880	1246683	1248093	1238219	1.28	cps
Strontium	88-1	10727713	10729387	10826023	10761041	0.52	cps
Sulfur	34-1	6165678	6190978	6168792	6175149	0.22	cps
Terbium	159-1	24481893	24446838	24560730	24496487	0.24	cps
Terbium	159-2	10859676	10804754	10746752	10803727	0.52	cps
Thallium	203-1	1405393	1421161	1422585	1416380	0.67	cps
Thallium	205-1	3367665	3431430	3455696	3418263	1.33	cps
Thorium	232-1	578	622	544	582	6.71	cps
Tin	118-1	1023960	1023995	1052794	1033583	1.61	cps
Titanium	47-1	751023	751432	760373	754276	0.70	cps
Uranium	238-1	4714547	4708771	4785190	4736169	0.90	cps
Vanadium	51-2	243807	247865	243777	245150	0.96	cps
Yttrium	89-1	16522132	16672272	16603626	16599344	0.45	cps
Yttrium	89-2	2017952	2026258	2018815	2021008	0.23	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-05ADLX10	Instrumnet Name :	P7
Client Sample ID :	WP022MW359-190109A	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 17:40:41	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	120199	120871	121036	120702	0.37	cps
Zirconium	90-1	1927495	1956491	1958502	1947496	0.89	cps
Zirconium	91-1	426032	429833	435017	430294	1.05	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-08DLX100 Instrumnet Name : P7
 Client Sample ID : WP022RW349-190110DI Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 17:44:17 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	58	67	58	14.29	cps
Antimony	121-1	258	300	233	264	12.76	cps
Arsenic	75-2	33	37	22	31	24.99	cps
Barium	135-1	3109	3309	3442	3287	5.11	cps
Barium	137-1	5418	5660	5260	5446	3.70	cps
Beryllium	9-1	220	160	190	190	15.79	cps
Bismuth	209-1	16679525	16606048	16712868	16666147	0.33	cps
Bismuth	209-2	8272198	8231656	8228250	8244035	0.30	cps
Boron	10-1	10529	10504	10521	10518	0.12	cps
Boron	11-1	49716	49799	48102	49206	1.94	cps
Cadmium	111-1	6443	6301	6254	6333	1.56	cps
Cadmium	106-1	7377	7044	7135	7185	2.40	cps
Cadmium	108-1	125	108	113	115	7.52	cps
Calcium	43-1	390508	392438	387390	390112	0.65	cps
Calcium	44-1	6381484	6357825	6331573	6356961	0.39	cps
Chromium	52-2	5605	6238	5895	5912	5.36	cps
Cobalt	59-2	246448	244957	244711	245372	0.38	cps
Copper	63-2	24227	24711	24147	24362	1.25	cps
Dysprosium	156-1	142	150	150	147	3.27	cps
Dysprosium	156-2	90	33	87	70	45.43	cps
Erbium	164-1	1584	1483	1550	1539	3.31	cps
Erbium	164-2	800	617	637	684	14.69	cps
Gadolinium	160-1	283	417	367	356	18.94	cps
Gadolinium	160-2	357	363	413	378	8.20	cps
Holmium	165-1	25253666	25132251	25213002	25199640	0.25	cps
Holmium	165-2	11533316	11472812	11477784	11494638	0.29	cps
Indium	115-1	18007312	17991290	17959629	17986077	0.13	cps
Indium	115-2	2957953	2937663	2943676	2946431	0.35	cps
Iron	56-2	800634	807321	808358	805438	0.52	cps
Iron	57-2	21032	21082	21388	21168	0.91	cps
Krypton	83-1	743	713	757	738	3.01	cps
Lead	206-1	2467	2500	2517	2495	1.02	cps
Lead	207-1	2022	1956	2022	2000	1.92	cps
Lead	208-1	9135	9318	9202	9218	1.01	cps
Lithium	6-1	4707910	4703607	4730614	4714044	0.31	cps
Magnesium	24-2	1167162	1164527	1165171	1165620	0.12	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1133-08DLX100 Instrumnet Name : P7
 Client Sample ID : WP022RW349-190110DI Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 17:44:17 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3224334	3212141	3213819	3216765	0.21	cps
Molybdenum	94-1	1175	1075	1242	1164	7.21	cps
Molybdenum	95-1	1108	992	792	964	16.62	cps
Molybdenum	96-1	1150	1058	875	1028	13.62	cps
Molybdenum	97-1	567	600	517	561	7.48	cps
Molybdenum	98-1	1467	1375	1325	1389	5.17	cps
Neodymium	150-1	47	20	27	31	44.61	cps
Neodymium	150-2	17	10	10	12	31.50	cps
Nickel	60-2	130377	130770	129552	130233	0.48	cps
Phosphorus	31-2	192	133	100	142	32.75	cps
Potassium	39-2	75141	75283	75375	75266	0.16	cps
Rhodium	103-1	15950699	15839882	15886800	15892460	0.35	cps
Rhodium	103-2	7227249	7108220	7195046	7176838	0.86	cps
Scandium	45-1	10037102	10087347	10051272	10058573	0.26	cps
Scandium	45-2	378479	375042	378329	377283	0.51	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	48	52	67	56	17.64	cps
Selenium	82-1	42	72	-27	29	175.58	cps
Silicon	28-1	1884093	1904403	1895492	1894663	0.54	cps
Silver	109-1	775	833	733	781	6.43	cps
Silver	107-1	867	783	950	867	9.62	cps
Sodium	23-2	20915327	20851759	20884188	20883758	0.15	cps
Strontium	86-1	178335	179854	176817	178335	0.85	cps
Strontium	88-1	1538140	1554082	1554824	1549016	0.61	cps
Sulfur	34-1	3044945	3039370	3039846	3041387	0.10	cps
Terbium	159-1	25193770	24949288	25174691	25105917	0.54	cps
Terbium	159-2	11060625	11055226	11143521	11086457	0.45	cps
Thallium	203-1	1375	1158	1200	1245	9.24	cps
Thallium	205-1	2684	2784	2759	2742	1.90	cps
Thorium	232-1	261	233	261	252	6.37	cps
Tin	118-1	1425	1333	1734	1497	14.00	cps
Titanium	47-1	342	258	350	317	16.01	cps
Uranium	238-1	17279	16970	16687	16979	1.75	cps
Vanadium	51-2	757	800	783	780	2.80	cps
Yttrium	89-1	17046813	17091972	17096444	17078410	0.16	cps
Yttrium	89-2	2081901	2076992	2081545	2080146	0.13	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1133-08DLX100	Instrumnet Name :	P7
Client Sample ID :	WP022RW349-190110DI	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 17:44:17	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8743	9010	8779	8844	1.64	cps
Zirconium	90-1	2300	2209	2225	2245	2.17	cps
Zirconium	91-1	383	475	550	469	17.78	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-05DLX50 Instrumnet Name : P7
 Client Sample ID : EPA-EX-2-OB-01092019 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 17:47:53 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3175	3075	3226	3159	2.42	cps
Antimony	121-1	308	292	267	289	7.26	cps
Arsenic	75-2	13	9	9	10	20.36	cps
Barium	135-1	2384	1917	2284	2195	11.20	cps
Barium	137-1	3634	3926	3984	3848	4.87	cps
Beryllium	9-1	193	220	193	202	7.61	cps
Bismuth	209-1	16724414	16869004	16750549	16781322	0.46	cps
Bismuth	209-2	8315859	8340646	8397076	8351194	0.50	cps
Boron	10-1	15917	16159	15859	15978	1.00	cps
Boron	11-1	74466	75782	76829	75693	1.56	cps
Cadmium	111-1	5588	5963	5734	5761	3.28	cps
Cadmium	106-1	7002	7727	7285	7338	4.98	cps
Cadmium	108-1	67	67	71	68	3.54	cps
Calcium	43-1	47921	48422	48497	48280	0.65	cps
Calcium	44-1	810378	796957	801625	802987	0.85	cps
Chromium	52-2	3590271	3598734	3592700	3593902	0.12	cps
Cobalt	59-2	1477	1377	1473	1442	3.94	cps
Copper	63-2	111238	110563	112441	111414	0.85	cps
Dysprosium	156-1	383	392	300	358	14.15	cps
Dysprosium	156-2	167	163	207	179	13.48	cps
Erbium	164-1	492	392	433	439	11.45	cps
Erbium	164-2	210	153	183	182	15.56	cps
Gadolinium	160-1	467	525	575	522	10.38	cps
Gadolinium	160-2	433	443	480	452	5.43	cps
Holmium	165-1	24888776	24768792	24856980	24838183	0.25	cps
Holmium	165-2	11307229	11353942	11353201	11338124	0.24	cps
Indium	115-1	17824091	17825975	17518149	17722738	1.00	cps
Indium	115-2	2901801	2930758	2926530	2919696	0.54	cps
Iron	56-2	11110	10860	11127	11032	1.35	cps
Iron	57-2	439	450	383	424	8.42	cps
Krypton	83-1	640	730	657	676	7.09	cps
Lead	206-1	1672	1478	1856	1669	11.32	cps
Lead	207-1	1417	1478	1545	1480	4.32	cps
Lead	208-1	6812	6440	7145	6799	5.19	cps
Lithium	6-1	4707699	4707180	4671637	4695505	0.44	cps
Magnesium	24-2	56424	57386	56541	56784	0.92	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-05DLX50	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-2-OB-01092019	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:47:53	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	35366	35633	36104	35701	1.05	cps
Molybdenum	94-1	1050	883	875	936	10.55	cps
Molybdenum	95-1	850	1000	933	928	8.10	cps
Molybdenum	96-1	1217	1250	1075	1181	7.87	cps
Molybdenum	97-1	642	558	667	622	9.12	cps
Molybdenum	98-1	1592	1450	1625	1556	5.97	cps
Neodymium	150-1	393	473	373	413	12.80	cps
Neodymium	150-2	83	143	147	124	28.64	cps
Nickel	60-2	3177	3230	3214	3207	0.85	cps
Phosphorus	31-2	100	100	33	78	49.49	cps
Potassium	39-2	46608	47962	46181	46917	1.98	cps
Rhodium	103-1	16013540	15994912	15871781	15960078	0.48	cps
Rhodium	103-2	7139071	7182530	7145697	7155766	0.33	cps
Scandium	45-1	10081035	9899565	9928602	9969734	0.98	cps
Scandium	45-2	369356	371819	375308	372161	0.80	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	59	70	65	65	8.57	cps
Selenium	82-1	69	13	104	62	73.83	cps
Silicon	28-1	4581569	4517827	4506851	4535416	0.89	cps
Silver	109-1	3534	3942	4234	3903	9.01	cps
Silver	107-1	4526	4626	4301	4484	3.71	cps
Sodium	23-2	2151088	2167473	2161854	2160138	0.39	cps
Strontium	86-1	7561	7611	7661	7611	0.66	cps
Strontium	88-1	55793	55416	57558	56256	2.03	cps
Sulfur	34-1	543033	536027	534880	537980	0.82	cps
Terbium	159-1	24966940	24851571	24544201	24787571	0.88	cps
Terbium	159-2	10893125	11008597	11017931	10973217	0.63	cps
Thallium	203-1	808	892	775	825	7.28	cps
Thallium	205-1	2134	2309	2067	2170	5.75	cps
Thorium	232-1	256	228	172	219	19.42	cps
Tin	118-1	1525	1834	1809	1722	9.94	cps
Titanium	47-1	325	350	300	325	7.69	cps
Uranium	238-1	275	300	367	314	15.10	cps
Vanadium	51-2	63	60	87	70	20.76	cps
Yttrium	89-1	16886325	16920610	16807636	16871524	0.34	cps
Yttrium	89-2	2041551	2055144	2062756	2053150	0.52	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-05DLX50	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-2-OB-01092019	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 17:47:53	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5341	5251	5234	5275	1.09	cps
Zirconium	90-1	1225	1217	1250	1231	1.41	cps
Zirconium	91-1	225	167	183	192	15.68	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:55:43	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11682953	11712033	11747975	11714320	0.28	cps
Antimony	121-1	9785012	9881595	9923885	9863498	0.72	cps
Arsenic	75-2	307810	312281	313721	311270	0.99	cps
Barium	135-1	13792527	13929360	13936648	13886179	0.58	cps
Barium	137-1	24068229	24255478	24526325	24283344	0.95	cps
Beryllium	9-1	2286957	2322950	2351048	2320319	1.38	cps
Bismuth	209-1	13519502	13603929	13642319	13588583	0.46	cps
Bismuth	209-2	6764344	6779614	6766076	6770011	0.12	cps
Boron	10-1	487288	502188	515094	501523	2.77	cps
Boron	11-1	2269896	2330194	2440446	2346845	3.69	cps
Cadmium	111-1	3912328	4003178	4053013	3989506	1.79	cps
Cadmium	106-1	420713	428929	434589	428077	1.63	cps
Cadmium	108-1	294328	297947	300042	297439	0.97	cps
Calcium	43-1	16046883	16251353	16501185	16266474	1.40	cps
Calcium	44-1	262503548	266558648	268715248	265925814	1.19	cps
Chromium	52-2	3150252	3179295	3187162	3172237	0.61	cps
Cobalt	59-2	5229414	5278877	5316403	5274898	0.83	cps
Copper	63-2	7089961	7146468	7200827	7145752	0.78	cps
Dysprosium	156-1	517	392	442	450	13.98	cps
Dysprosium	156-2	307	313	247	289	12.71	cps
Erbium	164-1	142	183	200	175	17.17	cps
Erbium	164-2	67	93	103	88	21.59	cps
Gadolinium	160-1	200	308	283	264	21.50	cps
Gadolinium	160-2	270	330	283	294	10.70	cps
Holmium	165-1	23251989	23634998	23546888	23477958	0.85	cps
Holmium	165-2	10975964	10947061	11060268	10994431	0.53	cps
Indium	115-1	15521799	15682828	15972141	15725589	1.45	cps
Indium	115-2	2738690	2757019	2755523	2750411	0.37	cps
Iron	56-2	689883727	692119304	688648949	690217327	0.25	cps
Iron	57-2	16914906	17018384	17238763	17057351	0.97	cps
Krypton	83-1	603	697	780	693	12.75	cps
Lead	206-1	10223939	10184799	10298331	10235690	0.56	cps
Lead	207-1	9113405	9127310	9168433	9136383	0.31	cps
Lead	208-1	40742015	40702479	40950226	40798240	0.33	cps
Lithium	6-1	4479873	4484545	4553362	4505927	0.91	cps
Magnesium	24-2	123346919	124132649	124552186	124010585	0.49	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:55:43	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3813672	3804402	3796688	3804921	0.22	cps
Molybdenum	94-1	22004899	22221283	22366682	22197621	0.82	cps
Molybdenum	95-1	27116487	27124878	27429520	27223628	0.66	cps
Molybdenum	96-1	29725159	30305515	30493402	30174692	1.33	cps
Molybdenum	97-1	16834356	17093212	17244532	17057367	1.22	cps
Molybdenum	98-1	43519307	44080411	44414799	44004839	1.03	cps
Neodymium	150-1	1513	1293	1367	1391	8.05	cps
Neodymium	150-2	217	170	163	183	15.85	cps
Nickel	60-2	1344904	1356344	1369407	1356885	0.90	cps
Phosphorus	31-2	114244	112421	117501	114722	2.24	cps
Potassium	39-2	53157901	52959032	53210795	53109243	0.25	cps
Rhodium	103-1	13289897	13416073	13588403	13431458	1.12	cps
Rhodium	103-2	6270438	6315988	6332942	6306456	0.51	cps
Scandium	45-1	9471504	9587725	9660364	9573198	1.00	cps
Scandium	45-2	392384	396604	400449	396479	1.02	cps
Selenium	77-2	8676	8753	8819	8749	0.82	cps
Selenium	78-2	29263	29846	30168	29759	1.54	cps
Selenium	82-1	214429	217014	221208	217551	1.57	cps
Silicon	28-1	6765735	6911668	7132385	6936596	2.66	cps
Silver	109-1	15273688	15375258	15518536	15389160	0.80	cps
Silver	107-1	15882668	15864153	16127272	15958031	0.92	cps
Sodium	23-2	227876480	228634438	231284139	229265019	0.78	cps
Strontium	86-1	3535733	3600957	3683721	3606804	2.06	cps
Strontium	88-1	31177047	31263170	31530313	31323510	0.59	cps
Sulfur	34-1	1694089	1719805	1750864	1721586	1.65	cps
Terbium	159-1	23422145	23321211	23473446	23405601	0.33	cps
Terbium	159-2	10500891	10563464	10591300	10551885	0.44	cps
Thallium	203-1	12605561	12698317	12857810	12720563	1.00	cps
Thallium	205-1	30512377	30529301	30748820	30596833	0.43	cps
Thorium	232-1	45392204	45705518	45353286	45483669	0.42	cps
Tin	118-1	9657892	9823804	9867497	9783064	1.13	cps
Titanium	47-1	7420801	7539045	7604893	7521580	1.24	cps
Uranium	238-1	45132830	45027678	44889453	45016654	0.27	cps
Vanadium	51-2	2493311	2514619	2535963	2514631	0.85	cps
Yttrium	89-1	15614280	15776554	15910418	15767084	0.94	cps
Yttrium	89-2	2065667	2075473	2086560	2075900	0.50	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P7
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:55:43	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1072524	1083809	1091717	1082683	0.89	cps
Zirconium	90-1	18308724	18334449	18598804	18413992	0.87	cps
Zirconium	91-1	4014165	4086083	4131887	4077378	1.46	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB67 Instrumnet Name : P7
 Client Sample ID : CCB67 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:59:27 DataFile Name : 055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	617	642	717	658	7.91	cps
Antimony	121-1	3842	3509	3226	3526	8.76	cps
Arsenic	75-2	39	41	24	35	26.43	cps
Barium	135-1	542	800	700	681	19.14	cps
Barium	137-1	975	1150	1517	1214	22.77	cps
Beryllium	9-1	307	380	390	359	12.68	cps
Bismuth	209-1	16796656	16642575	16583070	16674100	0.66	cps
Bismuth	209-2	8331844	8409923	8409225	8383664	0.54	cps
Boron	10-1	13356	12147	11313	12272	8.37	cps
Boron	11-1	62940	55753	52467	57053	9.39	cps
Cadmium	111-1	5794	5615	5944	5784	2.85	cps
Cadmium	106-1	7636	7469	7827	7644	2.35	cps
Cadmium	108-1	38	79	50	56	38.49	cps
Calcium	43-1	733	867	1167	922	24.07	cps
Calcium	44-1	20206	21900	23369	21825	7.25	cps
Chromium	52-2	3130	3220	3294	3215	2.55	cps
Cobalt	59-2	330	410	380	373	10.83	cps
Copper	63-2	5374	5641	5614	5543	2.65	cps
Dysprosium	156-1	8	42	8	19	99.00	cps
Dysprosium	156-2	0	7	13	7	99.98	cps
Erbium	164-1	83	83	100	89	10.83	cps
Erbium	164-2	23	40	27	30	29.40	cps
Gadolinium	160-1	125	108	225	153	41.30	cps
Gadolinium	160-2	233	253	320	269	16.88	cps
Holmium	165-1	25018156	25067010	24677849	24921005	0.85	cps
Holmium	165-2	11560333	11518190	11562439	11546987	0.22	cps
Indium	115-1	18225781	18209202	18100481	18178488	0.37	cps
Indium	115-2	3025654	3030639	3022730	3026341	0.13	cps
Iron	56-2	45064	46028	48994	46695	4.39	cps
Iron	57-2	1028	1039	1139	1069	5.73	cps
Krypton	83-1	793	703	667	721	9.04	cps
Lead	206-1	2850	2767	2706	2774	2.61	cps
Lead	207-1	2456	2617	2395	2489	4.61	cps
Lead	208-1	10974	11030	11119	11041	0.66	cps
Lithium	6-1	5017974	5007909	4994261	5006714	0.24	cps
Magnesium	24-2	7127	7110	7394	7210	2.21	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB67 Instrumnet Name : P7
 Client Sample ID : CCB67 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 17:59:27 DataFile Name : 055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	243	293	340	292	16.54	cps
Molybdenum	94-1	4017	3742	3717	3826	4.35	cps
Molybdenum	95-1	5768	4984	4584	5112	11.78	cps
Molybdenum	96-1	6110	5235	5026	5457	10.54	cps
Molybdenum	97-1	3717	3359	3034	3370	10.15	cps
Molybdenum	98-1	9037	8286	7744	8356	7.77	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	187	133	150	157	17.41	cps
Phosphorus	31-2	125	125	158	136	14.14	cps
Potassium	39-2	24530	24521	24438	24496	0.21	cps
Rhodium	103-1	16407181	16455659	16287783	16383541	0.53	cps
Rhodium	103-2	7405719	7379265	7371511	7385498	0.24	cps
Scandium	45-1	10445242	10354420	10410431	10403364	0.44	cps
Scandium	45-2	393283	398573	393007	394954	0.79	cps
Selenium	77-2	0	10	10	7	86.60	cps
Selenium	78-2	76	78	83	79	4.87	cps
Selenium	82-1	2	82	44	43	93.96	cps
Silicon	28-1	440584	436715	428534	435278	1.41	cps
Silver	109-1	1308	1717	1692	1572	14.56	cps
Silver	107-1	1675	1717	1659	1684	1.79	cps
Sodium	23-2	66104	67460	63376	65647	3.17	cps
Strontium	86-1	1492	1175	1450	1372	12.54	cps
Strontium	88-1	1342	1608	1967	1639	19.14	cps
Sulfur	34-1	515213	516688	512157	514686	0.45	cps
Terbium	159-1	24836005	24911031	24642236	24796424	0.56	cps
Terbium	159-2	11170362	11135144	11099606	11135037	0.32	cps
Thallium	203-1	4876	4309	4084	4423	9.23	cps
Thallium	205-1	11022	10755	10038	10605	4.80	cps
Thorium	232-1	7641	6713	6585	6980	8.26	cps
Tin	118-1	2567	2609	2500	2559	2.14	cps
Titanium	47-1	592	625	558	592	5.63	cps
Uranium	238-1	1867	2100	2217	2061	8.65	cps
Vanadium	51-2	107	173	177	152	25.94	cps
Yttrium	89-1	17439503	17351723	17287185	17359470	0.44	cps
Yttrium	89-2	2144867	2152443	2148385	2148565	0.18	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P7
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 17:59:27	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	483	490	537	503	5.77	cps
Zirconium	90-1	2267	2459	2584	2436	6.55	cps
Zirconium	91-1	558	533	517	536	3.91	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : PB116267BL Instrumnet Name : P7
 Client Sample ID : PB116267BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:03:03 DataFile Name : 056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	125	58	92	36.36	cps
Antimony	121-1	1092	1050	933	1025	8.01	cps
Arsenic	75-2	11	15	15	14	15.73	cps
Barium	135-1	183	92	108	128	38.21	cps
Barium	137-1	375	267	208	283	29.85	cps
Beryllium	9-1	200	200	190	197	2.94	cps
Bismuth	209-1	16567933	16620869	16640706	16609836	0.23	cps
Bismuth	209-2	8371583	8391089	8356488	8373054	0.21	cps
Boron	10-1	6785	6043	5985	6271	7.12	cps
Boron	11-1	31718	30398	29513	30543	3.63	cps
Cadmium	111-1	5497	5492	5256	5415	2.54	cps
Cadmium	106-1	7644	7619	7344	7536	2.21	cps
Cadmium	108-1	42	42	38	40	5.98	cps
Calcium	43-1	433	483	367	428	13.68	cps
Calcium	44-1	13415	12698	12205	12773	4.76	cps
Chromium	52-2	3224	3107	3320	3217	3.32	cps
Cobalt	59-2	57	77	63	66	15.54	cps
Copper	63-2	5278	5094	5004	5125	2.72	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	83	100	83	89	10.82	cps
Erbium	164-2	30	37	30	32	11.95	cps
Gadolinium	160-1	150	150	175	158	9.12	cps
Gadolinium	160-2	287	340	263	297	13.25	cps
Holmium	165-1	24417814	24812046	25007135	24745665	1.21	cps
Holmium	165-2	11411591	11445590	11483254	11446812	0.31	cps
Indium	115-1	17986151	17988453	18125288	18033297	0.44	cps
Indium	115-2	3013336	3020186	3038568	3024030	0.43	cps
Iron	56-2	9086	8664	8764	8838	2.50	cps
Iron	57-2	183	178	178	180	1.79	cps
Krypton	83-1	800	763	710	758	5.97	cps
Lead	206-1	2117	2156	2278	2184	3.85	cps
Lead	207-1	1939	1800	1789	1843	4.54	cps
Lead	208-1	8507	8613	8685	8601	1.04	cps
Lithium	6-1	5007441	5004748	5030437	5014209	0.28	cps
Magnesium	24-2	750	592	542	628	17.32	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116267BL	Instrumnet Name :	P7
Client Sample ID :	PB116267BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:03:03	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	190	193	147	177	14.74	cps
Molybdenum	94-1	1167	1125	1008	1100	7.46	cps
Molybdenum	95-1	1275	1042	942	1086	15.75	cps
Molybdenum	96-1	1308	1392	1158	1286	9.19	cps
Molybdenum	97-1	717	625	575	639	11.25	cps
Molybdenum	98-1	1792	1734	1592	1706	6.03	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	127	117	83	109	20.84	cps
Phosphorus	31-2	158	108	125	131	19.50	cps
Potassium	39-2	21082	22101	20840	21341	3.13	cps
Rhodium	103-1	16200840	16323707	16403340	16309296	0.63	cps
Rhodium	103-2	7400191	7420580	7466845	7429205	0.46	cps
Scandium	45-1	10370448	10258352	10437296	10355365	0.87	cps
Scandium	45-2	394031	395171	398418	395873	0.58	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	93	76	80	83	10.58	cps
Selenium	82-1	-83	-3	21	-22	-251.58	cps
Silicon	28-1	394318	396586	395621	395508	0.29	cps
Silver	109-1	1150	1233	842	1075	19.19	cps
Silver	107-1	1442	1100	958	1167	21.30	cps
Sodium	23-2	46180	46389	46080	46217	0.34	cps
Strontium	86-1	1083	1183	1175	1147	4.84	cps
Strontium	88-1	550	617	392	519	22.25	cps
Sulfur	34-1	523585	519560	520610	521252	0.40	cps
Terbium	159-1	24835216	24824278	24791195	24816897	0.09	cps
Terbium	159-2	11077877	11070148	11230980	11126335	0.82	cps
Thallium	203-1	2009	1834	1834	1892	5.34	cps
Thallium	205-1	4484	4117	4368	4323	4.34	cps
Thorium	232-1	2089	2095	1784	1989	8.95	cps
Tin	118-1	1825	1959	1659	1814	8.29	cps
Titanium	47-1	283	267	250	267	6.25	cps
Uranium	238-1	425	592	250	422	40.47	cps
Vanadium	51-2	23	23	27	24	7.89	cps
Yttrium	89-1	17220308	17248488	17337456	17268751	0.35	cps
Yttrium	89-2	2125548	2125234	2155514	2135432	0.81	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116267BL	Instrumnet Name :	P7
Client Sample ID :	PB116267BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:03:03	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1023	1097	1017	1046	4.25	cps
Zirconium	90-1	1500	1508	1533	1514	1.15	cps
Zirconium	91-1	250	300	283	278	9.17	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : PB116267BS Instrumnet Name : P7
 Client Sample ID : PB116267BS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:06:39 DataFile Name : 057LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2110554	2118632	2093611	2107599	0.61	cps
Antimony	121-1	10779154	10765820	10769517	10771497	0.06	cps
Arsenic	75-2	333366	336369	333948	334561	0.48	cps
Barium	135-1	14476561	14443204	14367514	14429093	0.39	cps
Barium	137-1	25453989	25309621	25162984	25308865	0.57	cps
Beryllium	9-1	2542700	2523361	2543883	2536648	0.45	cps
Bismuth	209-1	15533304	15560194	15649114	15580870	0.39	cps
Bismuth	209-2	7782466	7812764	7722064	7772431	0.59	cps
Boron	10-1	535693	545073	550276	543680	1.36	cps
Boron	11-1	2504757	2562455	2578141	2548451	1.52	cps
Cadmium	111-1	3401853	3410861	3411785	3408167	0.16	cps
Cadmium	106-1	378864	382942	379211	380339	0.59	cps
Cadmium	108-1	257064	258062	261227	258784	0.84	cps
Calcium	43-1	3566862	3557325	3596883	3573690	0.58	cps
Calcium	44-1	57444551	57531241	57227572	57401121	0.27	cps
Chromium	52-2	3147641	3166724	3141553	3151973	0.42	cps
Cobalt	59-2	5410543	5445299	5417531	5424458	0.34	cps
Copper	63-2	7704916	7706408	7680060	7697128	0.19	cps
Dysprosium	156-1	408	233	250	297	32.50	cps
Dysprosium	156-2	150	177	180	169	9.74	cps
Erbium	164-1	133	75	108	106	27.73	cps
Erbium	164-2	23	50	23	32	47.79	cps
Gadolinium	160-1	117	233	150	167	36.05	cps
Gadolinium	160-2	270	280	293	281	4.16	cps
Holmium	165-1	24699005	25079223	24856742	24878324	0.77	cps
Holmium	165-2	11386352	11559091	11351518	11432320	0.97	cps
Indium	115-1	17191459	17230253	17294395	17238702	0.30	cps
Indium	115-2	2887025	2932570	2906959	2908851	0.78	cps
Iron	56-2	141514803	140658142	140875136	141016027	0.32	cps
Iron	57-2	3443632	3494400	3479690	3472574	0.75	cps
Krypton	83-1	710	757	743	737	3.26	cps
Lead	206-1	10999477	11011483	10960674	10990545	0.24	cps
Lead	207-1	9771657	9729337	9733735	9744910	0.24	cps
Lead	208-1	43584565	43576523	43645182	43602090	0.09	cps
Lithium	6-1	4910731	4900198	4911697	4907542	0.13	cps
Magnesium	24-2	25776239	25966233	25522093	25754855	0.87	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : PB116267BS Instrumnet Name : P7
 Client Sample ID : PB116267BS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:06:39 DataFile Name : 057LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3839279	3838976	3827804	3835353	0.17	cps
Molybdenum	94-1	22943737	22969411	22954903	22956017	0.06	cps
Molybdenum	95-1	28221648	28297557	28167032	28228745	0.23	cps
Molybdenum	96-1	31327110	31372333	31041261	31246901	0.57	cps
Molybdenum	97-1	17783460	17590121	17530585	17634722	0.75	cps
Molybdenum	98-1	45878815	45874940	45964497	45906084	0.11	cps
Neodymium	150-1	1227	1227	1473	1309	10.88	cps
Neodymium	150-2	133	130	100	121	15.16	cps
Nickel	60-2	1422885	1438931	1427698	1429838	0.58	cps
Phosphorus	31-2	115545	114966	115175	115229	0.25	cps
Potassium	39-2	10485837	10401263	10375522	10420874	0.55	cps
Rhodium	103-1	15307203	15471620	15382620	15387148	0.53	cps
Rhodium	103-2	6891122	6959136	6893188	6914482	0.56	cps
Scandium	45-1	10318791	10370696	10279856	10323114	0.44	cps
Scandium	45-2	398000	401135	396296	398477	0.62	cps
Selenium	77-2	9727	10034	9847	9869	1.57	cps
Selenium	78-2	32880	32733	32828	32814	0.23	cps
Selenium	82-1	255321	257631	257970	256974	0.56	cps
Silicon	28-1	8233997	8435753	8546984	8405578	1.89	cps
Silver	109-1	15420737	15489000	15377276	15429005	0.37	cps
Silver	107-1	15996563	16035027	16020851	16017481	0.12	cps
Sodium	23-2	45582397	45555706	44921714	45353272	0.82	cps
Strontium	86-1	3729934	3784635	3808078	3774216	1.06	cps
Strontium	88-1	32732439	32584039	32741911	32686130	0.27	cps
Sulfur	34-1	1841828	1827389	1831071	1833429	0.41	cps
Terbium	159-1	24637325	24652185	24492880	24594130	0.36	cps
Terbium	159-2	11006494	11049536	10917505	10991178	0.61	cps
Thallium	203-1	13488548	13568153	13614755	13557152	0.47	cps
Thallium	205-1	32626334	32809598	32537291	32657741	0.43	cps
Thorium	232-1	45761611	45626822	46024397	45804276	0.44	cps
Tin	118-1	10467636	10369269	10398313	10411739	0.49	cps
Titanium	47-1	7887281	7851474	7777629	7838795	0.71	cps
Uranium	238-1	45450236	44858675	45569701	45292871	0.84	cps
Vanadium	51-2	2458692	2481255	2458742	2466230	0.53	cps
Yttrium	89-1	17065490	17012414	17034722	17037542	0.16	cps
Yttrium	89-2	2125274	2133121	2132585	2130327	0.21	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116267BS	Instrumnet Name :	P7
Client Sample ID :	PB116267BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:06:39	DataFile Name :	057LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1185908	1188187	1184992	1186362	0.14	cps
Zirconium	90-1	19139913	18964559	19126386	19076953	0.51	cps
Zirconium	91-1	4229900	4225234	4257551	4237562	0.41	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-04	Instrumnet Name :	P7
Client Sample ID :	EB-01082019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:10:17	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	208	183	206	10.20	cps
Antimony	121-1	3442	3151	2825	3139	9.83	cps
Arsenic	75-2	61	57	98	72	31.19	cps
Barium	135-1	9253	9012	8803	9023	2.50	cps
Barium	137-1	16043	16018	15927	15996	0.38	cps
Beryllium	9-1	357	277	340	324	13.01	cps
Bismuth	209-1	18558633	18381312	18463381	18467775	0.48	cps
Bismuth	209-2	9058809	9027497	9103478	9063261	0.42	cps
Boron	10-1	14624	13440	12180	13415	9.11	cps
Boron	11-1	66003	59920	55186	60370	8.98	cps
Cadmium	111-1	6686	6628	6235	6516	3.77	cps
Cadmium	106-1	8478	8570	7961	8336	3.94	cps
Cadmium	108-1	88	54	54	65	29.48	cps
Calcium	43-1	13190	13498	13307	13332	1.17	cps
Calcium	44-1	222416	220200	219650	220755	0.66	cps
Chromium	52-2	82325	82938	82248	82504	0.46	cps
Cobalt	59-2	627	617	593	612	2.79	cps
Copper	63-2	328247	329195	331275	329572	0.47	cps
Dysprosium	156-1	42	92	42	58	49.48	cps
Dysprosium	156-2	23	40	50	38	35.67	cps
Erbium	164-1	208	117	175	167	27.84	cps
Erbium	164-2	67	60	80	69	14.78	cps
Gadolinium	160-1	308	208	192	236	26.72	cps
Gadolinium	160-2	340	310	340	330	5.25	cps
Holmium	165-1	27528992	27139327	27037814	27235378	0.95	cps
Holmium	165-2	12392636	12385048	12343303	12373662	0.21	cps
Indium	115-1	20001840	19808467	19971443	19927250	0.52	cps
Indium	115-2	3261254	3273326	3296872	3277151	0.55	cps
Iron	56-2	106511	109153	109242	108302	1.43	cps
Iron	57-2	2578	2695	2739	2671	3.12	cps
Krypton	83-1	687	763	627	692	9.90	cps
Lead	206-1	11722	11316	11161	11400	2.54	cps
Lead	207-1	8992	9292	9114	9133	1.65	cps
Lead	208-1	43874	42188	42756	42939	2.00	cps
Lithium	6-1	5475496	5404685	5373614	5417932	0.96	cps
Magnesium	24-2	5009	5093	4926	5009	1.66	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-04	Instrumnet Name :	P7
Client Sample ID :	EB-01082019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:10:17	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3617	3621	3701	3646	1.29	cps
Molybdenum	94-1	6143	5143	4493	5260	15.81	cps
Molybdenum	95-1	8520	7769	7235	7841	8.23	cps
Molybdenum	96-1	9795	8178	7703	8559	12.82	cps
Molybdenum	97-1	5876	4734	4076	4896	18.61	cps
Molybdenum	98-1	13532	12656	11405	12531	8.53	cps
Neodymium	150-1	100	60	60	73	31.49	cps
Neodymium	150-2	20	23	33	26	27.15	cps
Nickel	60-2	5228	4978	5271	5159	3.07	cps
Phosphorus	31-2	133	292	125	183	51.22	cps
Potassium	39-2	25890	25715	25648	25751	0.49	cps
Rhodium	103-1	17979169	18006636	17829095	17938300	0.53	cps
Rhodium	103-2	7988588	7918735	8022639	7976654	0.66	cps
Scandium	45-1	11432263	11297343	11347973	11359193	0.60	cps
Scandium	45-2	424768	428729	428595	427364	0.53	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	83	52	83	73	24.95	cps
Selenium	82-1	131	-32	100	66	131.06	cps
Silicon	28-1	490313	481298	472515	481375	1.85	cps
Silver	109-1	2242	1759	1792	1931	13.98	cps
Silver	107-1	2417	1909	1817	2047	15.79	cps
Sodium	23-2	103127	103656	102799	103194	0.42	cps
Strontium	86-1	3934	3459	3817	3737	6.63	cps
Strontium	88-1	22727	22293	22827	22616	1.26	cps
Sulfur	34-1	1790140	1778266	1778926	1782444	0.37	cps
Terbium	159-1	27610054	27308047	27145718	27354606	0.86	cps
Terbium	159-2	11957826	11924662	11973079	11951856	0.21	cps
Thallium	203-1	3509	3109	3059	3226	7.65	cps
Thallium	205-1	8395	8270	7553	8072	5.63	cps
Thorium	232-1	4201	3250	3384	3612	14.25	cps
Tin	118-1	3201	3100	2975	3092	3.65	cps
Titanium	47-1	517	417	500	478	11.21	cps
Uranium	238-1	1734	1383	1233	1450	17.70	cps
Vanadium	51-2	227	187	240	218	12.75	cps
Yttrium	89-1	19037396	19016447	19034389	19029411	0.06	cps
Yttrium	89-2	2308835	2306857	2308669	2308121	0.05	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-04	Instrumnet Name :	P7
Client Sample ID :	EB-01082019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:10:17	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	76020	76851	78617	77163	1.72	cps
Zirconium	90-1	2242	2017	2142	2134	5.29	cps
Zirconium	91-1	492	325	358	392	22.52	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:13:53	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1158	933	858	983	15.88	cps
Antimony	121-1	29324	25858	23871	26351	10.47	cps
Arsenic	75-2	602	641	567	603	6.14	cps
Barium	135-1	947942	976415	972110	965489	1.59	cps
Barium	137-1	1690499	1716772	1703942	1703737	0.77	cps
Beryllium	9-1	263	297	250	270	8.90	cps
Bismuth	209-1	14483102	14734358	14649072	14622178	0.87	cps
Bismuth	209-2	7202811	7206503	7198928	7202747	0.05	cps
Boron	10-1	59241	60121	59426	59596	0.78	cps
Boron	11-1	282301	282721	287546	284189	1.03	cps
Cadmium	111-1	7650	7557	7396	7534	1.70	cps
Cadmium	106-1	7085	6952	7294	7110	2.42	cps
Cadmium	108-1	271	175	204	217	22.67	cps
Calcium	43-1	6211538	6238038	6272075	6240550	0.49	cps
Calcium	44-1	101883977	102272856	102004290	102053708	0.20	cps
Chromium	52-2	14108392	14048683	13967111	14041395	0.51	cps
Cobalt	59-2	4061	4187	3917	4055	3.33	cps
Copper	63-2	27129	26858	27172	27053	0.63	cps
Dysprosium	156-1	150	183	217	183	18.18	cps
Dysprosium	156-2	123	113	83	107	19.51	cps
Erbium	164-1	450	525	483	486	7.73	cps
Erbium	164-2	250	203	240	231	10.63	cps
Gadolinium	160-1	392	292	383	356	15.61	cps
Gadolinium	160-2	363	383	343	363	5.51	cps
Holmium	165-1	23294943	23775348	24012865	23694385	1.54	cps
Holmium	165-2	10729228	10743159	10691080	10721156	0.25	cps
Indium	115-1	16396122	16901837	16712610	16670190	1.53	cps
Indium	115-2	2690102	2717484	2688823	2698803	0.60	cps
Iron	56-2	22568	22278	20993	21947	3.82	cps
Iron	57-2	21900	21505	21260	21555	1.50	cps
Krypton	83-1	1103	1113	1303	1173	9.60	cps
Lead	206-1	6880	5785	4946	5870	16.52	cps
Lead	207-1	5501	5079	4784	5122	7.04	cps
Lead	208-1	25833	22886	20535	23085	11.50	cps
Lithium	6-1	4893356	4975430	4979449	4949412	0.98	cps
Magnesium	24-2	8148520	8144838	8070273	8121210	0.54	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:13:53	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1579517	1575565	1566904	1573995	0.41	cps
Molybdenum	94-1	4918	4634	4509	4687	4.46	cps
Molybdenum	95-1	6560	5960	6210	6243	4.83	cps
Molybdenum	96-1	6518	7494	6885	6966	7.07	cps
Molybdenum	97-1	4393	4259	3934	4195	5.62	cps
Molybdenum	98-1	10062	9837	9520	9807	2.78	cps
Neodymium	150-1	280	200	240	240	16.67	cps
Neodymium	150-2	40	50	40	43	13.32	cps
Nickel	60-2	4634	4477	4557	4556	1.72	cps
Phosphorus	31-2	325	217	350	297	23.85	cps
Potassium	39-2	606014	605100	592326	601147	1.27	cps
Rhodium	103-1	14411920	14778903	14740042	14643622	1.38	cps
Rhodium	103-2	6563894	6550080	6548080	6554018	0.13	cps
Scandium	45-1	9708388	9811781	9877224	9799131	0.87	cps
Scandium	45-2	363873	364567	361770	363403	0.40	cps
Selenium	77-2	87	53	67	69	24.36	cps
Selenium	78-2	207	191	176	191	8.23	cps
Selenium	82-1	725	748	645	706	7.69	cps
Silicon	28-1	84567483	85276835	84943160	84929160	0.42	cps
Silver	109-1	13507	10204	7744	10485	27.58	cps
Silver	107-1	13699	10846	8461	11002	23.83	cps
Sodium	23-2	64533224	64584691	63608404	64242106	0.86	cps
Strontium	86-1	1041553	1055314	1064961	1053943	1.12	cps
Strontium	88-1	9128573	9230266	9282138	9213659	0.85	cps
Sulfur	34-1	1490028	1507885	1517351	1505088	0.92	cps
Terbium	159-1	23162526	23810160	23558019	23510235	1.39	cps
Terbium	159-2	10393785	10401122	10254314	10349740	0.80	cps
Thallium	203-1	14726	10980	8870	11525	25.73	cps
Thallium	205-1	34989	25943	21009	27314	25.96	cps
Thorium	232-1	5724	4896	4484	5034	12.54	cps
Tin	118-1	12998	13307	13223	13176	1.21	cps
Titanium	47-1	2859	2650	2542	2684	6.00	cps
Uranium	238-1	30721	29468	30287	30159	2.11	cps
Vanadium	51-2	5918	5815	6061	5931	2.09	cps
Yttrium	89-1	16007864	16330949	16280802	16206538	1.07	cps
Yttrium	89-2	1971919	1954562	1946872	1957784	0.66	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:13:53	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9757	9650	9593	9667	0.86	cps
Zirconium	90-1	2992	3159	2934	3028	3.86	cps
Zirconium	91-1	675	567	525	589	13.15	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02DUP Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFDUP Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:17:30 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	975	950	967	964	1.32	cps
Antimony	121-1	19539	19873	21359	20257	4.78	cps
Arsenic	75-2	546	609	587	581	5.50	cps
Barium	135-1	976334	973080	974123	974512	0.17	cps
Barium	137-1	1724364	1726016	1720868	1723749	0.15	cps
Beryllium	9-1	310	190	197	232	29.04	cps
Bismuth	209-1	14703281	14751824	14842923	14766009	0.48	cps
Bismuth	209-2	7115680	6991995	6996458	7034711	1.00	cps
Boron	10-1	55477	57100	56548	56375	1.46	cps
Boron	11-1	262230	266744	268061	265678	1.15	cps
Cadmium	111-1	6471	6327	6359	6386	1.18	cps
Cadmium	106-1	6802	6535	6694	6677	2.01	cps
Cadmium	108-1	142	146	163	150	7.35	cps
Calcium	43-1	6153817	6073418	6117542	6114926	0.66	cps
Calcium	44-1	100019975	99297736	100203017	99840243	0.48	cps
Chromium	52-2	13512056	13312569	13300269	13374965	0.89	cps
Cobalt	59-2	3924	3907	4137	3989	3.22	cps
Copper	63-2	25593	25419	24734	25249	1.80	cps
Dysprosium	156-1	133	167	225	175	26.51	cps
Dysprosium	156-2	90	103	63	86	23.81	cps
Erbium	164-1	442	533	425	467	12.50	cps
Erbium	164-2	267	247	213	242	11.12	cps
Gadolinium	160-1	325	350	392	356	9.47	cps
Gadolinium	160-2	360	330	273	321	13.71	cps
Holmium	165-1	23545762	23665628	23730518	23647302	0.40	cps
Holmium	165-2	10453741	10373302	10346210	10391084	0.54	cps
Indium	115-1	16374488	16486293	16529905	16463562	0.49	cps
Indium	115-2	2582366	2561796	2553813	2565992	0.57	cps
Iron	56-2	20164	19541	19313	19673	2.24	cps
Iron	57-2	20409	20420	20237	20355	0.51	cps
Krypton	83-1	1117	1183	1297	1199	7.59	cps
Lead	206-1	4179	4062	3923	4054	3.16	cps
Lead	207-1	3145	3245	3128	3173	1.99	cps
Lead	208-1	15482	15271	14882	15211	2.00	cps
Lithium	6-1	4788942	4775693	4783707	4782781	0.14	cps
Magnesium	24-2	7837099	7711237	7689172	7745836	1.03	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02DUP Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFDUP Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:17:30 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1523039	1502162	1497489	1507563	0.90	cps
Molybdenum	94-1	4284	3892	4168	4115	4.89	cps
Molybdenum	95-1	5751	5201	5685	5546	5.42	cps
Molybdenum	96-1	6135	5601	6043	5927	4.81	cps
Molybdenum	97-1	3542	3742	3301	3528	6.27	cps
Molybdenum	98-1	8828	8945	8878	8884	0.66	cps
Neodymium	150-1	340	280	287	302	10.88	cps
Neodymium	150-2	70	67	67	68	2.84	cps
Nickel	60-2	4617	4464	4347	4476	3.03	cps
Phosphorus	31-2	275	183	292	250	23.33	cps
Potassium	39-2	567156	561532	555840	561509	1.01	cps
Rhodium	103-1	14345640	14365408	14489558	14400202	0.54	cps
Rhodium	103-2	6291535	6255821	6241446	6262934	0.41	cps
Scandium	45-1	9480148	9373258	9518993	9457466	0.80	cps
Scandium	45-2	342842	337813	336871	339175	0.95	cps
Selenium	77-2	43	67	60	57	21.21	cps
Selenium	78-2	180	163	198	180	9.76	cps
Selenium	82-1	671	654	435	587	22.38	cps
Silicon	28-1	82363144	81658131	81726185	81915820	0.47	cps
Silver	109-1	3442	3034	3000	3159	7.79	cps
Silver	107-1	3634	3267	3134	3345	7.74	cps
Sodium	23-2	61291901	60379822	60469028	60713584	0.83	cps
Strontium	86-1	1038263	1041968	1037801	1039344	0.22	cps
Strontium	88-1	9111744	9111845	9110390	9111327	0.01	cps
Sulfur	34-1	1464102	1452406	1448472	1454993	0.56	cps
Terbium	159-1	23709384	23582771	23949200	23747119	0.78	cps
Terbium	159-2	10083420	9953024	9930045	9988830	0.83	cps
Thallium	203-1	3342	2992	2734	3023	10.10	cps
Thallium	205-1	7861	7111	6352	7108	10.62	cps
Thorium	232-1	2884	2584	2673	2713	5.68	cps
Tin	118-1	11205	11922	11914	11680	3.52	cps
Titanium	47-1	2284	2584	2392	2420	6.28	cps
Uranium	238-1	31339	30913	33177	31810	3.78	cps
Vanadium	51-2	5815	5648	5638	5700	1.74	cps
Yttrium	89-1	15966527	15935406	16055687	15985873	0.39	cps
Yttrium	89-2	1860621	1844743	1836680	1847348	0.66	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02DUP	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFDUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:17:30	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10257	10317	10527	10367	1.37	cps
Zirconium	90-1	2600	2425	2475	2500	3.61	cps
Zirconium	91-1	492	625	550	556	12.03	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02LX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 18:21:06	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	192	242	217	11.54	cps
Antimony	121-1	6652	5726	5585	5988	9.68	cps
Arsenic	75-2	87	113	107	102	13.32	cps
Barium	135-1	199504	196919	195218	197213	1.09	cps
Barium	137-1	343586	342458	342085	342710	0.23	cps
Beryllium	9-1	197	183	163	181	9.26	cps
Bismuth	209-1	16273675	16093694	16147529	16171633	0.57	cps
Bismuth	209-2	7886101	7840460	7857446	7861336	0.29	cps
Boron	10-1	14866	14449	14766	14694	1.48	cps
Boron	11-1	69753	68799	69309	69287	0.69	cps
Cadmium	111-1	5977	4945	4968	5296	11.13	cps
Cadmium	106-1	8019	6552	6568	7047	11.96	cps
Cadmium	108-1	58	29	38	42	36.05	cps
Calcium	43-1	1203804	1197144	1187574	1196174	0.68	cps
Calcium	44-1	19704668	19520595	19307039	19510767	1.02	cps
Chromium	52-2	2693942	2670289	2672775	2679002	0.49	cps
Cobalt	59-2	727	850	917	831	11.60	cps
Copper	63-2	12249	12112	12339	12233	0.93	cps
Dysprosium	156-1	33	83	83	67	43.31	cps
Dysprosium	156-2	23	27	27	26	7.55	cps
Erbium	164-1	125	158	108	131	19.50	cps
Erbium	164-2	73	70	80	74	6.84	cps
Gadolinium	160-1	175	258	192	208	21.17	cps
Gadolinium	160-2	230	270	237	246	8.73	cps
Holmium	165-1	24472389	24614902	24198241	24428510	0.87	cps
Holmium	165-2	10955290	10946915	10787842	10896682	0.87	cps
Indium	115-1	17291770	17252534	17211595	17251966	0.23	cps
Indium	115-2	2766653	2773354	2757820	2765942	0.28	cps
Iron	56-2	9653	9620	9292	9522	2.10	cps
Iron	57-2	4201	4195	4562	4319	4.87	cps
Krypton	83-1	697	713	690	700	1.72	cps
Lead	206-1	1911	1556	1517	1661	13.09	cps
Lead	207-1	1478	1400	1372	1417	3.86	cps
Lead	208-1	7029	6440	6229	6566	6.32	cps
Lithium	6-1	4625339	4621637	4567747	4604907	0.70	cps
Magnesium	24-2	1555740	1535110	1525288	1538713	1.01	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02LX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 18:21:06	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	308877	306105	304775	306585	0.68	cps
Molybdenum	94-1	1250	1192	1042	1161	9.26	cps
Molybdenum	95-1	1358	1267	1242	1289	4.77	cps
Molybdenum	96-1	1533	1625	1592	1583	2.93	cps
Molybdenum	97-1	758	917	833	836	9.47	cps
Molybdenum	98-1	2184	2017	1892	2031	7.21	cps
Neodymium	150-1	60	40	60	53	21.65	cps
Neodymium	150-2	13	10	30	18	60.28	cps
Nickel	60-2	1013	1053	967	1011	4.29	cps
Phosphorus	31-2	83	100	158	114	34.58	cps
Potassium	39-2	129183	128905	126754	128281	1.04	cps
Rhodium	103-1	15496527	15149057	15123481	15256355	1.37	cps
Rhodium	103-2	6806149	6810883	6751199	6789411	0.49	cps
Scandium	45-1	9597848	9471268	9435717	9501611	0.90	cps
Scandium	45-2	352167	350589	348713	350490	0.49	cps
Selenium	77-2	17	10	7	11	45.82	cps
Selenium	78-2	83	89	70	81	11.75	cps
Selenium	82-1	258	241	214	237	9.35	cps
Silicon	28-1	16389070	16260564	16158856	16269497	0.71	cps
Silver	109-1	1083	933	1100	1039	8.84	cps
Silver	107-1	1317	1267	1108	1231	8.84	cps
Sodium	23-2	12270817	12176234	12114639	12187230	0.65	cps
Strontium	86-1	211398	205356	204283	207012	1.85	cps
Strontium	88-1	1824397	1796616	1793456	1804823	0.94	cps
Sulfur	34-1	674996	666405	662873	668091	0.93	cps
Terbium	159-1	24555106	24632393	24244540	24477347	0.84	cps
Terbium	159-2	10528425	10567507	10441975	10512636	0.61	cps
Thallium	203-1	1217	1117	1142	1158	4.49	cps
Thallium	205-1	3067	3059	2684	2937	7.46	cps
Thorium	232-1	906	811	900	872	6.08	cps
Tin	118-1	2434	2467	2425	2442	0.90	cps
Titanium	47-1	525	567	625	572	8.78	cps
Uranium	238-1	6268	6293	6060	6207	2.06	cps
Vanadium	51-2	1510	1343	1467	1440	6.01	cps
Yttrium	89-1	16389570	16324544	16198108	16304074	0.60	cps
Yttrium	89-2	1961204	1955322	1936578	1951035	0.66	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02LX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 18:21:06	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2890	2644	2854	2796	4.76	cps
Zirconium	90-1	1475	1383	1400	1420	3.44	cps
Zirconium	91-1	192	283	317	264	24.53	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02MS Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFMS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:24:43 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1640816	1654615	1663327	1652919	0.69	cps
Antimony	121-1	8991736	8960060	9021622	8991139	0.34	cps
Arsenic	75-2	253638	257856	256948	256147	0.87	cps
Barium	135-1	13421169	13413858	13439634	13424887	0.10	cps
Barium	137-1	23589755	23565496	23650138	23601797	0.18	cps
Beryllium	9-1	1992522	1991269	1988787	1990859	0.10	cps
Bismuth	209-1	13686928	13761473	13771523	13739974	0.34	cps
Bismuth	209-2	6577071	6587308	6498000	6554126	0.75	cps
Boron	10-1	467972	485465	491210	481549	2.51	cps
Boron	11-1	2225708	2294477	2325431	2281872	2.24	cps
Cadmium	111-1	2742980	2762021	2791997	2765666	0.89	cps
Cadmium	106-1	305926	311352	310254	309177	0.93	cps
Cadmium	108-1	208931	214116	212000	211683	1.23	cps
Calcium	43-1	8347405	8330015	8307696	8328372	0.24	cps
Calcium	44-1	136251286	135845378	135777478	135958047	0.19	cps
Chromium	52-2	14960060	14955496	14981133	14965563	0.09	cps
Cobalt	59-2	4281226	4328630	4339685	4316514	0.72	cps
Copper	63-2	6344322	6323378	6319545	6329082	0.21	cps
Dysprosium	156-1	400	317	333	350	12.60	cps
Dysprosium	156-2	283	233	183	233	21.43	cps
Erbium	164-1	625	392	625	547	24.62	cps
Erbium	164-2	253	187	210	217	15.61	cps
Gadolinium	160-1	367	333	367	356	5.41	cps
Gadolinium	160-2	267	357	317	313	14.39	cps
Holmium	165-1	22597169	22695849	22920690	22737903	0.73	cps
Holmium	165-2	10064293	10058948	10048040	10057094	0.08	cps
Indium	115-1	14927065	15019802	15093000	15013289	0.55	cps
Indium	115-2	2413474	2430159	2433856	2425830	0.45	cps
Iron	56-2	114075503	114120569	113649494	113948522	0.23	cps
Iron	57-2	2796265	2808538	2795845	2800216	0.26	cps
Krypton	83-1	1353	1553	1427	1445	7.01	cps
Lead	206-1	9585683	9754628	9730752	9690354	0.94	cps
Lead	207-1	8250488	8380417	8360682	8330529	0.84	cps
Lead	208-1	37654473	38102484	38072868	37943275	0.66	cps
Lithium	6-1	4366163	4365284	4377592	4369680	0.16	cps
Magnesium	24-2	26342240	26604662	26407654	26451519	0.52	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02MS	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFMS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:24:43	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4538515	4590353	4587922	4572263	0.64	cps
Molybdenum	94-1	19694860	19773323	19825168	19764450	0.33	cps
Molybdenum	95-1	23997100	24354346	24182427	24177957	0.74	cps
Molybdenum	96-1	26674761	27005045	26881601	26853802	0.62	cps
Molybdenum	97-1	15035948	15063318	15087081	15062116	0.17	cps
Molybdenum	98-1	39105934	39301615	39581955	39329835	0.61	cps
Neodymium	150-1	1140	1207	1213	1187	3.42	cps
Neodymium	150-2	137	150	117	134	12.48	cps
Nickel	60-2	1129214	1133900	1142368	1135161	0.59	cps
Phosphorus	31-2	333	300	225	286	19.39	cps
Potassium	39-2	8705948	8733660	8714794	8718134	0.16	cps
Rhodium	103-1	13035604	13160710	13068591	13088302	0.50	cps
Rhodium	103-2	5804665	5850058	5846116	5833613	0.43	cps
Scandium	45-1	8635003	8639913	8641510	8638809	0.04	cps
Scandium	45-2	323566	324611	327097	325092	0.56	cps
Selenium	77-2	7089	7742	7455	7429	4.41	cps
Selenium	78-2	25183	24903	25253	25113	0.74	cps
Selenium	82-1	200285	202506	204500	202430	1.04	cps
Silicon	28-1	78113006	78625268	78842837	78527037	0.48	cps
Silver	109-1	12761691	12745179	12791804	12766225	0.19	cps
Silver	107-1	13210749	13200432	13166069	13192417	0.18	cps
Sodium	23-2	93047179	93260213	94006623	93438005	0.54	cps
Strontium	86-1	4102689	4168105	4143150	4137981	0.80	cps
Strontium	88-1	35874916	36329255	35681501	35961891	0.92	cps
Sulfur	34-1	1306411	1305619	1298105	1303378	0.35	cps
Terbium	159-1	22518663	22562007	22514417	22531696	0.12	cps
Terbium	159-2	9680745	9709497	9570503	9653582	0.76	cps
Thallium	203-1	11946379	12077908	12106498	12043595	0.71	cps
Thallium	205-1	28650086	28966190	29102758	28906345	0.80	cps
Thorium	232-1	5707	5185	4362	5085	13.34	cps
Tin	118-1	8511192	8643338	8622970	8592500	0.83	cps
Titanium	47-1	6343827	6336611	6424874	6368437	0.77	cps
Uranium	238-1	41172237	41720414	41735214	41542622	0.77	cps
Vanadium	51-2	1957513	1961863	1967701	1962359	0.26	cps
Yttrium	89-1	14725376	14808311	14795306	14776331	0.30	cps
Yttrium	89-2	1769270	1785429	1790072	1781590	0.61	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02MS	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFMS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:24:43	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	903153	905673	908538	905788	0.30	cps
Zirconium	90-1	16443549	16411083	16515960	16456864	0.33	cps
Zirconium	91-1	3642849	3664574	3689535	3665652	0.64	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02MSD Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFMSD Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:28:22 DataFile Name : 063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1654191	1665749	1682828	1667589	0.86	cps
Antimony	121-1	9378990	9446265	9508650	9444635	0.69	cps
Arsenic	75-2	262980	264208	265231	264140	0.43	cps
Barium	135-1	14096574	14100128	14169844	14122182	0.29	cps
Barium	137-1	24450503	24869829	25015014	24778449	1.18	cps
Beryllium	9-1	2034734	2054088	2058233	2049018	0.61	cps
Bismuth	209-1	13553731	13656014	13814601	13674782	0.96	cps
Bismuth	209-2	6378941	6361937	6473965	6404948	0.94	cps
Boron	10-1	492762	499714	508159	500212	1.54	cps
Boron	11-1	2336798	2385623	2432897	2385106	2.01	cps
Cadmium	111-1	2881644	2898870	2935608	2905374	0.95	cps
Cadmium	106-1	322638	325145	328070	325285	0.84	cps
Cadmium	108-1	218582	221202	223595	221126	1.13	cps
Calcium	43-1	8563870	8604884	8697314	8622023	0.79	cps
Calcium	44-1	140439378	140914836	141690282	141014832	0.45	cps
Chromium	52-2	15097803	15158788	15194606	15150399	0.32	cps
Cobalt	59-2	4439546	4457509	4456586	4451213	0.23	cps
Copper	63-2	6442579	6454701	6450871	6449384	0.10	cps
Dysprosium	156-1	425	308	283	339	22.31	cps
Dysprosium	156-2	183	197	233	204	12.66	cps
Erbium	164-1	658	558	442	553	19.62	cps
Erbium	164-2	217	240	250	236	7.26	cps
Gadolinium	160-1	400	458	400	419	8.03	cps
Gadolinium	160-2	280	353	377	337	14.98	cps
Holmium	165-1	22938026	23316273	23353685	23202661	0.99	cps
Holmium	165-2	10072817	10124282	10156797	10117966	0.42	cps
Indium	115-1	15188601	15236211	15252834	15225882	0.22	cps
Indium	115-2	2372746	2400198	2418187	2397044	0.95	cps
Iron	56-2	116756286	116351872	116444880	116517679	0.18	cps
Iron	57-2	2846435	2865645	2863046	2858376	0.36	cps
Krypton	83-1	1307	1553	1587	1482	10.32	cps
Lead	206-1	10009107	9985645	10197735	10064162	1.16	cps
Lead	207-1	8520736	8570323	8681931	8590997	0.96	cps
Lead	208-1	39015071	39117496	39631564	39254710	0.84	cps
Lithium	6-1	4308802	4340924	4342849	4330859	0.44	cps
Magnesium	24-2	26629825	26832818	26804568	26755737	0.41	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02MSD Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFMSD Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:28:22 DataFile Name : 063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4632846	4665809	4679024	4659226	0.51	cps
Molybdenum	94-1	20513793	20703222	20897592	20704869	0.93	cps
Molybdenum	95-1	25053818	25479004	25504234	25345685	1.00	cps
Molybdenum	96-1	27927059	28278888	28456023	28220657	0.95	cps
Molybdenum	97-1	15632199	15874077	16013339	15839872	1.22	cps
Molybdenum	98-1	40769199	41234967	41461912	41155359	0.86	cps
Neodymium	150-1	1340	1327	1313	1327	1.01	cps
Neodymium	150-2	103	137	157	132	20.38	cps
Nickel	60-2	1158286	1171641	1163643	1164523	0.58	cps
Phosphorus	31-2	225	300	233	253	16.26	cps
Potassium	39-2	8803764	8769220	8878623	8817202	0.63	cps
Rhodium	103-1	13131907	13351588	13377571	13287022	1.02	cps
Rhodium	103-2	5743616	5794620	5828009	5788748	0.73	cps
Scandium	45-1	8613770	8689198	8709634	8670867	0.58	cps
Scandium	45-2	317548	319072	320931	319183	0.53	cps
Selenium	77-2	7562	7746	7435	7581	2.06	cps
Selenium	78-2	25311	25548	25268	25376	0.59	cps
Selenium	82-1	210227	211839	213819	211961	0.85	cps
Silicon	28-1	79640935	80921958	81086866	80549920	0.98	cps
Silver	109-1	13248280	13461551	13567983	13425938	1.21	cps
Silver	107-1	13789379	13908703	14115812	13937965	1.19	cps
Sodium	23-2	93551429	93931404	94291140	93924658	0.39	cps
Strontium	86-1	4288192	4355566	4380521	4341426	1.10	cps
Strontium	88-1	37377916	37858348	37976458	37737574	0.84	cps
Sulfur	34-1	1300604	1307492	1306813	1304970	0.29	cps
Terbium	159-1	22951985	23139260	23327310	23139519	0.81	cps
Terbium	159-2	9614955	9669315	9652737	9645669	0.29	cps
Thallium	203-1	12441469	12484505	12554454	12493476	0.46	cps
Thallium	205-1	30052601	30045249	30451712	30183187	0.77	cps
Thorium	232-1	2978	2450	2884	2771	10.16	cps
Tin	118-1	8978339	9038400	9092728	9036489	0.63	cps
Titanium	47-1	6571207	6576481	6659439	6602375	0.75	cps
Uranium	238-1	42429303	42406266	43243088	42692886	1.12	cps
Vanadium	51-2	2005985	2023113	2021734	2016944	0.47	cps
Yttrium	89-1	14885042	15013199	15121166	15006469	0.79	cps
Yttrium	89-2	1751205	1780133	1771759	1767699	0.84	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02MSD	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFMSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:28:22	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	920354	920756	926976	922695	0.40	cps
Zirconium	90-1	17257705	17282146	17562211	17367354	0.97	cps
Zirconium	91-1	3813682	3847228	3900004	3853638	1.13	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02A	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFA	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:32:01	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1602064	1617796	1605787	1608549	0.51	cps
Antimony	121-1	9238877	9206629	9348241	9264582	0.80	cps
Arsenic	75-2	256086	257296	258756	257379	0.52	cps
Barium	135-1	13705235	13788405	13921538	13805059	0.79	cps
Barium	137-1	23997540	24096641	24243722	24112634	0.51	cps
Beryllium	9-1	1970747	1973415	1983055	1975739	0.33	cps
Bismuth	209-1	13612175	13638404	13805788	13685456	0.77	cps
Bismuth	209-2	6440392	6424332	6438460	6434395	0.14	cps
Boron	10-1	483683	487563	492448	487898	0.90	cps
Boron	11-1	2266876	2336458	2364542	2322625	2.16	cps
Cadmium	111-1	2812732	2829956	2871827	2838172	1.07	cps
Cadmium	106-1	314940	317779	317267	316662	0.48	cps
Cadmium	108-1	214742	215769	216286	215599	0.36	cps
Calcium	43-1	8362961	8408941	8406012	8392638	0.31	cps
Calcium	44-1	136945745	136960561	137415711	137107339	0.19	cps
Chromium	52-2	14902097	14800860	14844936	14849298	0.34	cps
Cobalt	59-2	4293016	4310558	4347470	4317015	0.64	cps
Copper	63-2	6297126	6306051	6326032	6309736	0.23	cps
Dysprosium	156-1	408	467	283	386	24.26	cps
Dysprosium	156-2	203	293	253	250	18.04	cps
Erbium	164-1	558	575	575	569	1.69	cps
Erbium	164-2	230	247	210	229	8.02	cps
Gadolinium	160-1	383	258	425	356	24.39	cps
Gadolinium	160-2	323	370	340	344	6.87	cps
Holmium	165-1	23145871	23206552	23530690	23294371	0.89	cps
Holmium	165-2	10050385	10094243	10141881	10095503	0.45	cps
Indium	115-1	15085313	15202657	15219528	15169166	0.48	cps
Indium	115-2	2370929	2408760	2406016	2395235	0.88	cps
Iron	56-2	113338911	113219780	112878953	113145881	0.21	cps
Iron	57-2	2766449	2780322	2805708	2784160	0.72	cps
Krypton	83-1	1377	1397	1493	1422	4.39	cps
Lead	206-1	9857236	9880962	9881059	9873086	0.14	cps
Lead	207-1	8450231	8427982	8451397	8443203	0.16	cps
Lead	208-1	38589393	38517670	38788828	38631964	0.36	cps
Lithium	6-1	4217148	4225502	4240323	4227658	0.28	cps
Magnesium	24-2	25908219	25812922	25960817	25893986	0.29	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02A	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFA	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:32:01	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4518500	4548927	4539740	4535723	0.34	cps
Molybdenum	94-1	20084493	20260987	20286524	20210668	0.54	cps
Molybdenum	95-1	24616925	24652516	24747830	24672424	0.27	cps
Molybdenum	96-1	27310394	27443260	27612574	27455409	0.55	cps
Molybdenum	97-1	15361460	15442286	15562711	15455485	0.66	cps
Molybdenum	98-1	40053895	40508876	40662387	40408386	0.78	cps
Neodymium	150-1	1427	1093	1267	1262	13.21	cps
Neodymium	150-2	113	117	90	107	13.62	cps
Nickel	60-2	1131502	1131763	1143109	1135458	0.58	cps
Phosphorus	31-2	167	225	275	222	24.40	cps
Potassium	39-2	8569093	8662644	8542929	8591556	0.73	cps
Rhodium	103-1	13199901	13254513	13324767	13259727	0.47	cps
Rhodium	103-2	5741266	5818272	5812705	5790748	0.74	cps
Scandium	45-1	8604145	8587570	8639739	8610485	0.31	cps
Scandium	45-2	314726	319457	316250	316811	0.76	cps
Selenium	77-2	7422	7452	7259	7378	1.41	cps
Selenium	78-2	24539	24966	24569	24691	0.96	cps
Selenium	82-1	207223	208408	208099	207910	0.30	cps
Silicon	28-1	78242162	78880448	78795277	78639296	0.44	cps
Silver	109-1	13063179	13002722	13255147	13107016	1.01	cps
Silver	107-1	13589834	13517642	13583220	13563565	0.29	cps
Sodium	23-2	90611300	91320471	91206735	91046169	0.42	cps
Strontium	86-1	4207490	4227109	4273649	4236083	0.80	cps
Strontium	88-1	36908466	36897462	37056095	36954008	0.24	cps
Sulfur	34-1	1268344	1277430	1267853	1271209	0.42	cps
Terbium	159-1	22817490	23029124	23241565	23029393	0.92	cps
Terbium	159-2	9622088	9697646	9723915	9681217	0.55	cps
Thallium	203-1	12303865	12293369	12309841	12302358	0.07	cps
Thallium	205-1	29314225	29451158	29436882	29400755	0.26	cps
Thorium	232-1	1939	1878	1911	1909	1.60	cps
Tin	118-1	8852526	8799156	8827495	8826392	0.30	cps
Titanium	47-1	6433586	6416965	6458967	6436506	0.33	cps
Uranium	238-1	41509798	41634338	42017936	41720691	0.63	cps
Vanadium	51-2	1947575	1956375	1952721	1952224	0.23	cps
Yttrium	89-1	14911647	14854682	14957251	14907860	0.34	cps
Yttrium	89-2	1750362	1769679	1768154	1762732	0.61	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02A	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFA	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:32:01	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	893493	900246	904744	899494	0.63	cps
Zirconium	90-1	16792328	16882844	16979631	16884934	0.55	cps
Zirconium	91-1	3700232	3726505	3799136	3741958	1.37	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-06 Instrumnet Name : P7
 Client Sample ID : EPA-MW-13-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:35:39 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	383	492	375	417	15.62	cps
Antimony	121-1	19815	18738	18538	19030	3.61	cps
Arsenic	75-2	648	672	632	651	3.15	cps
Barium	135-1	1142650	1158166	1167008	1155941	1.07	cps
Barium	137-1	2017688	2037468	2029532	2028229	0.49	cps
Beryllium	9-1	467	363	320	383	19.66	cps
Bismuth	209-1	14369914	14505967	14365164	14413682	0.55	cps
Bismuth	209-2	6806608	6838627	6791608	6812281	0.35	cps
Boron	10-1	54733	54516	55068	54772	0.51	cps
Boron	11-1	264984	262203	261416	262868	0.71	cps
Cadmium	111-1	5017	4982	4898	4966	1.23	cps
Cadmium	106-1	6335	6368	6302	6335	0.53	cps
Cadmium	108-1	121	54	108	94	37.52	cps
Calcium	43-1	5481333	5508003	5508376	5499237	0.28	cps
Calcium	44-1	89794623	89353146	90405167	89850978	0.59	cps
Chromium	52-2	3803375	3811531	3785490	3800132	0.35	cps
Cobalt	59-2	963	1023	907	964	6.05	cps
Copper	63-2	25232	24968	25032	25077	0.55	cps
Dysprosium	156-1	225	333	325	294	20.47	cps
Dysprosium	156-2	137	113	120	123	9.74	cps
Erbium	164-1	875	933	942	917	3.96	cps
Erbium	164-2	380	443	400	408	7.94	cps
Gadolinium	160-1	483	533	575	531	8.65	cps
Gadolinium	160-2	350	333	390	358	8.14	cps
Holmium	165-1	23286948	23592610	23729702	23536420	0.96	cps
Holmium	165-2	10206375	10257806	10265379	10243187	0.31	cps
Indium	115-1	16023365	16016591	16010189	16016715	0.04	cps
Indium	115-2	2474912	2516608	2511212	2500911	0.91	cps
Iron	56-2	26474	25322	25283	25693	2.63	cps
Iron	57-2	17978	18273	18301	18184	0.98	cps
Krypton	83-1	997	1157	1107	1087	7.53	cps
Lead	206-1	3134	3278	3184	3199	2.29	cps
Lead	207-1	2750	2711	2695	2719	1.05	cps
Lead	208-1	12241	12553	11908	12234	2.64	cps
Lithium	6-1	4258269	4295506	4285104	4279627	0.45	cps
Magnesium	24-2	8627310	8725382	8596713	8649801	0.78	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-06 Instrumnet Name : P7
 Client Sample ID : EPA-MW-13-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:35:39 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2257	2354	2174	2261	3.98	cps
Molybdenum	94-1	5168	4309	4076	4518	12.73	cps
Molybdenum	95-1	6919	6335	5977	6410	7.42	cps
Molybdenum	96-1	8119	7094	6452	7222	11.65	cps
Molybdenum	97-1	4493	4184	3709	4129	9.56	cps
Molybdenum	98-1	11422	10696	9737	10618	7.96	cps
Neodymium	150-1	220	267	213	233	12.45	cps
Neodymium	150-2	67	63	40	57	25.64	cps
Nickel	60-2	2214	2327	2430	2324	4.66	cps
Phosphorus	31-2	267	167	225	219	22.89	cps
Potassium	39-2	788526	791331	788212	789356	0.22	cps
Rhodium	103-1	13833422	13918751	13856491	13869555	0.32	cps
Rhodium	103-2	6068991	6070576	6065685	6068417	0.04	cps
Scandium	45-1	8738921	8745286	8769310	8751172	0.18	cps
Scandium	45-2	318243	319198	316515	317985	0.43	cps
Selenium	77-2	67	80	50	66	22.93	cps
Selenium	78-2	181	176	189	182	3.57	cps
Selenium	82-1	855	668	746	757	12.42	cps
Silicon	28-1	79770793	80164716	79714266	79883259	0.31	cps
Silver	109-1	1967	2059	1650	1892	11.33	cps
Silver	107-1	2034	2025	1775	1945	7.55	cps
Sodium	23-2	48442023	48928158	48364949	48578377	0.63	cps
Strontium	86-1	1189694	1199143	1199483	1196107	0.46	cps
Strontium	88-1	10479277	10595876	10476962	10517372	0.65	cps
Sulfur	34-1	1409498	1413260	1420901	1414553	0.41	cps
Terbium	159-1	23230263	23463556	23256545	23316788	0.55	cps
Terbium	159-2	9864011	9915652	9871093	9883585	0.28	cps
Thallium	203-1	5618	5243	4376	5079	12.54	cps
Thallium	205-1	13666	12365	11022	12351	10.71	cps
Thorium	232-1	294	317	311	307	3.76	cps
Tin	118-1	34627	33474	31812	33304	4.25	cps
Titanium	47-1	2450	2442	2667	2520	5.06	cps
Uranium	238-1	36076	33971	33637	34561	3.83	cps
Vanadium	51-2	6702	6768	6745	6738	0.50	cps
Yttrium	89-1	15184435	15290634	15359704	15278257	0.58	cps
Yttrium	89-2	1782762	1787452	1783546	1784587	0.14	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-06	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-13-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:35:39	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11735	12169	11848	11917	1.89	cps
Zirconium	90-1	2334	2075	1925	2111	9.78	cps
Zirconium	91-1	367	617	350	444	33.61	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:43:26	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10497821	10493330	10604564	10531905	0.60	cps
Antimony	121-1	9503784	9602496	9716941	9607740	1.11	cps
Arsenic	75-2	290047	293080	293649	292259	0.66	cps
Barium	135-1	13395462	13532794	13622309	13516855	0.85	cps
Barium	137-1	23336014	23689452	23832637	23619368	1.08	cps
Beryllium	9-1	2112356	2140236	2157065	2136552	1.06	cps
Bismuth	209-1	13164174	13423546	13430256	13339325	1.14	cps
Bismuth	209-2	6515924	6530329	6542689	6529647	0.21	cps
Boron	10-1	444042	466126	481168	463779	4.03	cps
Boron	11-1	2114491	2225246	2258329	2199355	3.43	cps
Cadmium	111-1	3108190	3142450	3157897	3136179	0.81	cps
Cadmium	106-1	345311	354810	355511	351878	1.62	cps
Cadmium	108-1	238273	240441	242374	240362	0.85	cps
Calcium	43-1	14975460	15424057	15448862	15282793	1.74	cps
Calcium	44-1	246408014	251458464	252463222	250109900	1.30	cps
Chromium	52-2	2930621	2946021	2962390	2946344	0.54	cps
Cobalt	59-2	4901213	4918976	4975061	4931750	0.78	cps
Copper	63-2	6679657	6671171	6731167	6693998	0.49	cps
Dysprosium	156-1	400	375	375	383	3.76	cps
Dysprosium	156-2	200	240	210	217	9.61	cps
Erbium	164-1	150	158	217	175	20.76	cps
Erbium	164-2	70	43	67	60	24.22	cps
Gadolinium	160-1	250	225	283	253	11.58	cps
Gadolinium	160-2	340	303	277	307	10.37	cps
Holmium	165-1	23251501	23455726	23542895	23416707	0.64	cps
Holmium	165-2	10752788	10744673	10747850	10748437	0.04	cps
Indium	115-1	15187005	15512267	15603269	15434180	1.42	cps
Indium	115-2	2620524	2638250	2645537	2634771	0.49	cps
Iron	56-2	637281103	641137614	642219992	640212903	0.41	cps
Iron	57-2	15744546	15697970	15910663	15784393	0.71	cps
Krypton	83-1	783	790	667	747	9.29	cps
Lead	206-1	9891803	9993874	10017525	9967734	0.67	cps
Lead	207-1	8800271	8882180	8847988	8843480	0.47	cps
Lead	208-1	39378547	39874435	39740072	39664351	0.65	cps
Lithium	6-1	4105970	4187473	4234221	4175888	1.55	cps
Magnesium	24-2	111807107	112673611	114416598	112965772	1.18	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCV68 Instrumnet Name : P7
 Client Sample ID : CCV68 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:43:26 DataFile Name : 066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3484746	3511822	3559512	3518693	1.08	cps
Molybdenum	94-1	21074429	21519530	21751775	21448578	1.60	cps
Molybdenum	95-1	25881522	26231749	26554959	26222743	1.28	cps
Molybdenum	96-1	28670446	29139015	29306577	29038679	1.14	cps
Molybdenum	97-1	16102215	16315986	16439788	16285996	1.05	cps
Molybdenum	98-1	41889684	42068854	43004338	42320959	1.41	cps
Neodymium	150-1	1467	1593	1420	1493	6.01	cps
Neodymium	150-2	157	167	233	186	22.46	cps
Nickel	60-2	1258867	1266295	1275717	1266959	0.67	cps
Phosphorus	31-2	104205	103214	105496	104305	1.10	cps
Potassium	39-2	47993541	48283896	48777146	48351527	0.82	cps
Rhodium	103-1	12878380	13051129	13301032	13076847	1.62	cps
Rhodium	103-2	5984149	6043134	6050021	6025768	0.60	cps
Scandium	45-1	8876012	9025669	9182324	9028002	1.70	cps
Scandium	45-2	365923	366640	370166	367576	0.62	cps
Selenium	77-2	8209	8336	8406	8317	1.20	cps
Selenium	78-2	27838	28205	27743	27929	0.87	cps
Selenium	82-1	207994	210242	212611	210282	1.10	cps
Silicon	28-1	6444223	6714149	6874433	6677602	3.26	cps
Silver	109-1	13364503	13485925	13649557	13499995	1.06	cps
Silver	107-1	13750769	14040718	14145375	13978954	1.46	cps
Sodium	23-2	206890250	207908567	209993859	208264225	0.76	cps
Strontium	86-1	3426015	3506102	3534033	3488716	1.61	cps
Strontium	88-1	29644555	30234115	30629225	30169298	1.64	cps
Sulfur	34-1	1591613	1616093	1635104	1614270	1.35	cps
Terbium	159-1	23062736	23261923	23601901	23308854	1.17	cps
Terbium	159-2	10267584	10337006	10311476	10305355	0.34	cps
Thallium	203-1	12341326	12334975	12492768	12389690	0.72	cps
Thallium	205-1	29675865	29781201	29898027	29785031	0.37	cps
Thorium	232-1	43667984	44646816	44921112	44411971	1.48	cps
Tin	118-1	9322723	9520144	9679946	9507604	1.88	cps
Titanium	47-1	6881965	7059197	7143014	7028059	1.90	cps
Uranium	238-1	43087101	43750077	43994816	43610665	1.08	cps
Vanadium	51-2	2303873	2316949	2352242	2324355	1.08	cps
Yttrium	89-1	15203731	15338434	15576989	15373051	1.23	cps
Yttrium	89-2	1944757	1958282	1981941	1961660	0.96	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P7
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:43:26	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	965487	975592	990333	977137	1.28	cps
Zirconium	90-1	17522856	17735221	17981647	17746575	1.29	cps
Zirconium	91-1	3901657	3964496	4031801	3965985	1.64	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB68 Instrumnet Name : P7
 Client Sample ID : CCB68 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:48:34 DataFile Name : 067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	208	167	208	20.00	cps
Antimony	121-1	2084	1975	1842	1967	6.16	cps
Arsenic	75-2	19	28	26	24	20.35	cps
Barium	135-1	250	200	317	256	22.90	cps
Barium	137-1	650	508	492	550	15.82	cps
Beryllium	9-1	317	320	337	324	3.30	cps
Bismuth	209-1	16146684	16124910	15880811	16050802	0.92	cps
Bismuth	209-2	7972146	7987356	8004767	7988090	0.20	cps
Boron	10-1	10512	10145	9870	10176	3.17	cps
Boron	11-1	47793	44976	44107	45625	4.22	cps
Cadmium	111-1	5145	4965	5126	5079	1.94	cps
Cadmium	106-1	7019	6810	6910	6913	1.51	cps
Cadmium	108-1	50	21	46	39	40.57	cps
Calcium	43-1	475	483	408	456	9.02	cps
Calcium	44-1	13565	13348	13632	13515	1.10	cps
Chromium	52-2	4597	4604	4828	4676	2.80	cps
Cobalt	59-2	197	130	157	161	20.83	cps
Copper	63-2	5908	5791	5598	5766	2.72	cps
Dysprosium	156-1	25	0	33	19	89.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	92	92	86	11.18	cps
Erbium	164-2	20	27	17	21	24.12	cps
Gadolinium	160-1	167	133	100	133	25.00	cps
Gadolinium	160-2	230	287	220	246	14.64	cps
Holmium	165-1	24456147	24244916	23959080	24220048	1.03	cps
Holmium	165-2	11126467	11243883	11276712	11215687	0.70	cps
Indium	115-1	17455558	17442189	17257016	17384921	0.64	cps
Indium	115-2	2860866	2886242	2877144	2874751	0.45	cps
Iron	56-2	18373	18301	18929	18534	1.86	cps
Iron	57-2	383	350	433	389	10.78	cps
Krypton	83-1	737	723	680	713	4.15	cps
Lead	206-1	2272	2200	2261	2245	1.73	cps
Lead	207-1	1989	1900	2000	1963	2.79	cps
Lead	208-1	9157	8968	8790	8972	2.04	cps
Lithium	6-1	4628248	4561861	4546939	4579016	0.95	cps
Magnesium	24-2	2359	2609	2550	2506	5.22	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:48:34	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	230	240	217	229	5.12	cps
Molybdenum	94-1	2059	1709	1925	1897	9.31	cps
Molybdenum	95-1	2767	2367	2050	2395	15.00	cps
Molybdenum	96-1	3067	2817	2584	2823	8.57	cps
Molybdenum	97-1	1792	1609	1392	1597	12.54	cps
Molybdenum	98-1	4401	3909	3567	3959	10.59	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	140	103	113	119	15.94	cps
Phosphorus	31-2	92	142	175	136	30.82	cps
Potassium	39-2	20774	20615	20790	20726	0.47	cps
Rhodium	103-1	15630001	15660357	15556202	15615520	0.34	cps
Rhodium	103-2	7067358	7039091	7112156	7072868	0.52	cps
Scandium	45-1	9713321	9619748	9631193	9654754	0.53	cps
Scandium	45-2	362945	363009	363337	363097	0.06	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	54	57	83	65	24.91	cps
Selenium	82-1	-11	-39	118	22	372.01	cps
Silicon	28-1	373747	372023	366796	370855	0.98	cps
Silver	109-1	1358	1333	1408	1367	2.79	cps
Silver	107-1	1383	1575	1692	1550	10.04	cps
Sodium	23-2	48045	49441	47994	48493	1.69	cps
Strontium	86-1	1033	1083	1058	1058	2.36	cps
Strontium	88-1	883	1008	900	931	7.29	cps
Sulfur	34-1	469574	470960	469787	470107	0.16	cps
Terbium	159-1	24665725	24248204	24384395	24432775	0.87	cps
Terbium	159-2	10847350	10778643	10822259	10816084	0.32	cps
Thallium	203-1	3000	3126	2992	3039	2.46	cps
Thallium	205-1	8119	7911	7452	7828	4.36	cps
Thorium	232-1	2739	2867	2678	2762	3.49	cps
Tin	118-1	1825	1675	1508	1670	9.49	cps
Titanium	47-1	275	375	283	311	17.84	cps
Uranium	238-1	967	883	1142	997	13.22	cps
Vanadium	51-2	87	77	47	70	29.74	cps
Yttrium	89-1	16604379	16595404	16470129	16556638	0.45	cps
Yttrium	89-2	2013065	2020800	2022225	2018697	0.24	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P7
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:48:34	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	480	430	467	459	5.64	cps
Zirconium	90-1	1292	1567	1750	1536	15.02	cps
Zirconium	91-1	242	358	250	283	22.97	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-08 Instrumnet Name : P7
 Client Sample ID : EPA-MW-13-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:52:45 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	808	908	900	872	6.36	cps
Antimony	121-1	40777	38679	38537	39331	3.19	cps
Arsenic	75-2	830	804	772	802	3.59	cps
Barium	135-1	7807810	7960029	8029821	7932553	1.43	cps
Barium	137-1	13666827	14066769	14085250	13939615	1.70	cps
Beryllium	9-1	797	687	710	731	7.93	cps
Bismuth	209-1	13090061	13279612	13492831	13287501	1.52	cps
Bismuth	209-2	6392618	6367415	6388112	6382715	0.21	cps
Boron	10-1	157815	159448	163205	160156	1.73	cps
Boron	11-1	763103	781823	794076	779668	2.00	cps
Cadmium	111-1	5545	5312	5310	5389	2.52	cps
Cadmium	106-1	6460	6268	6418	6382	1.58	cps
Cadmium	108-1	133	121	125	126	5.04	cps
Calcium	43-1	16366412	16690995	16646938	16568115	1.06	cps
Calcium	44-1	268756831	272295598	273198439	271416956	0.86	cps
Chromium	52-2	2777047	2781740	2782080	2780289	0.10	cps
Cobalt	59-2	374116	378481	378221	376939	0.65	cps
Copper	63-2	19820	20137	20788	20249	2.44	cps
Dysprosium	156-1	258	242	200	233	12.88	cps
Dysprosium	156-2	177	153	150	160	9.08	cps
Erbium	164-1	233	250	300	261	13.29	cps
Erbium	164-2	143	130	93	122	21.18	cps
Gadolinium	160-1	208	275	275	253	15.23	cps
Gadolinium	160-2	250	310	283	281	10.69	cps
Holmium	165-1	22536006	23034858	23475863	23015575	2.04	cps
Holmium	165-2	10266032	10181098	10245870	10231000	0.43	cps
Indium	115-1	15110834	15409390	15505142	15341789	1.34	cps
Indium	115-2	2483159	2484704	2512176	2493346	0.65	cps
Iron	56-2	173314726	172993176	173193537	173167146	0.09	cps
Iron	57-2	4270334	4274774	4323414	4289507	0.69	cps
Krypton	83-1	1623	1450	1677	1583	7.49	cps
Lead	206-1	8631	8764	8142	8512	3.85	cps
Lead	207-1	6902	6746	6452	6700	3.41	cps
Lead	208-1	32388	32072	31277	31912	1.79	cps
Lithium	6-1	4343504	4408571	4424225	4392100	0.97	cps
Magnesium	24-2	22333620	22227174	22200466	22253753	0.32	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-08 Instrumnet Name : P7
 Client Sample ID : EPA-MW-13-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:52:45 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	85405042	85497175	85403495	85435238	0.06	cps
Molybdenum	94-1	3426	3242	3000	3223	6.62	cps
Molybdenum	95-1	7419	6885	7544	7283	4.80	cps
Molybdenum	96-1	6877	6760	6485	6707	3.00	cps
Molybdenum	97-1	2434	2625	2525	2528	3.79	cps
Molybdenum	98-1	6052	5635	5143	5610	8.11	cps
Neodymium	150-1	753	813	827	798	4.90	cps
Neodymium	150-2	80	53	63	66	20.55	cps
Nickel	60-2	238958	242651	238068	239892	1.01	cps
Phosphorus	31-2	442	308	467	406	20.99	cps
Potassium	39-2	902815	897838	900890	900514	0.28	cps
Rhodium	103-1	12910833	13145257	13269730	13108606	1.39	cps
Rhodium	103-2	5841897	5792757	5849052	5827902	0.53	cps
Scandium	45-1	8854125	8948975	9091101	8964733	1.33	cps
Scandium	45-2	328254	327086	327606	327649	0.18	cps
Selenium	77-2	47	33	33	38	20.39	cps
Selenium	78-2	122	104	128	118	10.69	cps
Selenium	82-1	1591	1939	1798	1776	9.88	cps
Silicon	28-1	213866296	216347863	217653263	215955808	0.89	cps
Silver	109-1	5810	4459	3834	4701	21.48	cps
Silver	107-1	6027	5210	4226	5154	17.49	cps
Sodium	23-2	146231745	144765887	145171832	145389821	0.52	cps
Strontium	86-1	2796758	2830963	2884267	2837329	1.55	cps
Strontium	88-1	24379384	24661651	24994674	24678570	1.25	cps
Sulfur	34-1	508601	501799	493908	501436	1.47	cps
Terbium	159-1	22658259	22906700	23276241	22947067	1.36	cps
Terbium	159-2	9845524	9796838	9899203	9847188	0.52	cps
Thallium	203-1	9245	7002	5893	7380	23.14	cps
Thallium	205-1	23522	17329	13950	18267	26.58	cps
Thorium	232-1	2684	2523	2378	2528	6.05	cps
Tin	118-1	45751	49639	49797	48396	4.74	cps
Titanium	47-1	9879	10221	10971	10357	5.40	cps
Uranium	238-1	583	617	642	614	4.77	cps
Vanadium	51-2	1910	1883	1750	1848	4.64	cps
Yttrium	89-1	14869210	15037951	15221201	15042787	1.17	cps
Yttrium	89-2	1813673	1797992	1824451	1812039	0.73	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-08	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:52:45	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12609	12322	12639	12523	1.40	cps
Zirconium	90-1	3751	3667	3409	3609	4.94	cps
Zirconium	91-1	1083	1050	900	1011	9.66	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-10 Instrumnet Name : P7
 Client Sample ID : EPA-MW-30-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 18:56:30 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7836	7636	7469	7647	2.40	cps
Antimony	121-1	26217	25541	24747	25502	2.88	cps
Arsenic	75-2	950	939	870	920	4.69	cps
Barium	135-1	1097943	1110759	1092553	1100418	0.85	cps
Barium	137-1	1936070	1950550	1941198	1942606	0.38	cps
Beryllium	9-1	1910	2020	1997	1976	2.93	cps
Bismuth	209-1	13383683	13668193	13645195	13565690	1.17	cps
Bismuth	209-2	6508477	6555634	6524337	6529483	0.37	cps
Boron	10-1	355064	364942	370361	363456	2.13	cps
Boron	11-1	1751124	1808140	1829238	1796168	2.25	cps
Cadmium	111-1	4985	4924	5186	5032	2.73	cps
Cadmium	106-1	6127	6085	6260	6157	1.49	cps
Cadmium	108-1	100	117	83	100	16.66	cps
Calcium	43-1	7545759	7596182	7655026	7598989	0.72	cps
Calcium	44-1	124076903	124266007	124288578	124210496	0.09	cps
Chromium	52-2	1547044	1540850	1524786	1537560	0.75	cps
Cobalt	59-2	71336	71677	71178	71397	0.36	cps
Copper	63-2	24113	23322	24527	23988	2.55	cps
Dysprosium	156-1	133	133	208	158	27.35	cps
Dysprosium	156-2	70	73	67	70	4.76	cps
Erbium	164-1	517	608	675	600	13.25	cps
Erbium	164-2	207	320	213	247	25.78	cps
Gadolinium	160-1	317	433	242	331	29.22	cps
Gadolinium	160-2	323	327	337	329	2.11	cps
Holmium	165-1	22894029	23144230	23294224	23110827	0.87	cps
Holmium	165-2	10181199	10186578	10150103	10172627	0.19	cps
Indium	115-1	15359529	15648913	15519163	15509202	0.93	cps
Indium	115-2	2459287	2483370	2452180	2464946	0.66	cps
Iron	56-2	113039180	112395150	111472327	112302219	0.70	cps
Iron	57-2	2755097	2764772	2721899	2747256	0.82	cps
Krypton	83-1	1727	1610	1657	1665	3.53	cps
Lead	206-1	3045	2939	2834	2939	3.59	cps
Lead	207-1	2617	2334	2473	2474	5.73	cps
Lead	208-1	11580	11230	11158	11323	2.00	cps
Lithium	6-1	4195558	4251251	4248219	4231676	0.74	cps
Magnesium	24-2	11613031	11578467	11507762	11566420	0.46	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-10	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:56:30	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	109532695	109138998	108048335	108906676	0.71	cps
Molybdenum	94-1	6027	6035	5751	5938	2.72	cps
Molybdenum	95-1	11914	12181	12990	12361	4.53	cps
Molybdenum	96-1	9604	10212	10154	9990	3.36	cps
Molybdenum	97-1	4984	5093	5310	5129	3.23	cps
Molybdenum	98-1	11822	11822	11855	11833	0.16	cps
Neodymium	150-1	233	187	187	202	13.33	cps
Neodymium	150-2	23	10	37	23	57.15	cps
Nickel	60-2	144517	144607	143722	144282	0.34	cps
Phosphorus	31-2	417	417	517	450	12.83	cps
Potassium	39-2	1228423	1232757	1206550	1222577	1.15	cps
Rhodium	103-1	13136566	13288318	13292164	13239016	0.67	cps
Rhodium	103-2	5771985	5838606	5785479	5798690	0.61	cps
Scandium	45-1	8715460	8827149	8868931	8803847	0.90	cps
Scandium	45-2	322119	320503	319457	320693	0.42	cps
Selenium	77-2	30	23	23	26	15.07	cps
Selenium	78-2	85	96	109	97	12.43	cps
Selenium	82-1	3083	3595	3734	3471	9.89	cps
Silicon	28-1	129630024	130194428	130195549	130006667	0.25	cps
Silver	109-1	2259	2342	1842	2147	12.48	cps
Silver	107-1	2467	2284	2542	2431	5.47	cps
Sodium	23-2	178338150	177025350	175365991	176909830	0.84	cps
Strontium	86-1	2383083	2380265	2393860	2385736	0.30	cps
Strontium	88-1	20711021	20750973	20923659	20795218	0.54	cps
Sulfur	34-1	1038673	1041595	1037683	1039317	0.20	cps
Terbium	159-1	22739887	22921861	23178502	22946750	0.96	cps
Terbium	159-2	9809463	9793667	9692571	9765234	0.65	cps
Thallium	203-1	2325	2142	2034	2167	6.81	cps
Thallium	205-1	6202	4776	4918	5299	14.82	cps
Thorium	232-1	1745	1911	1611	1756	8.56	cps
Tin	118-1	21017	22786	21968	21924	4.04	cps
Titanium	47-1	6552	7127	6919	6866	4.24	cps
Uranium	238-1	1767	1709	1850	1775	4.01	cps
Vanadium	51-2	1350	1350	1433	1378	3.49	cps
Yttrium	89-1	14975156	15206095	15150342	15110531	0.80	cps
Yttrium	89-2	1792961	1791338	1774457	1786252	0.57	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-10	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 18:56:30	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13370	12946	13049	13122	1.68	cps
Zirconium	90-1	4543	4267	3609	4140	11.59	cps
Zirconium	91-1	1100	983	867	983	11.86	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-12 Instrumnet Name : P7
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:00:12 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	900	792	933	875	8.47	cps
Antimony	121-1	23537	24472	25549	24519	4.11	cps
Arsenic	75-2	600	556	594	583	4.15	cps
Barium	135-1	953205	953840	945471	950839	0.49	cps
Barium	137-1	1674176	1659674	1662603	1665484	0.46	cps
Beryllium	9-1	240	260	270	257	5.95	cps
Bismuth	209-1	14356619	14345717	14380389	14360909	0.12	cps
Bismuth	209-2	6757386	6768170	6721270	6748942	0.36	cps
Boron	10-1	55905	54883	54833	55207	1.10	cps
Boron	11-1	266362	264474	267391	266076	0.56	cps
Cadmium	111-1	6178	5844	6141	6054	3.02	cps
Cadmium	106-1	6410	6152	6610	6391	3.60	cps
Cadmium	108-1	163	125	142	143	13.13	cps
Calcium	43-1	5652939	5657094	5621077	5643704	0.35	cps
Calcium	44-1	92497029	92595942	92132673	92408548	0.26	cps
Chromium	52-2	13162645	13034790	12969952	13055796	0.75	cps
Cobalt	59-2	3320	3494	3400	3405	2.55	cps
Copper	63-2	22484	22698	22878	22687	0.87	cps
Dysprosium	156-1	108	183	258	183	40.91	cps
Dysprosium	156-2	83	90	80	84	6.03	cps
Erbium	164-1	408	450	392	417	7.21	cps
Erbium	164-2	183	153	203	180	13.98	cps
Gadolinium	160-1	333	317	383	344	10.07	cps
Gadolinium	160-2	373	270	277	307	18.86	cps
Holmium	165-1	23237701	23303696	23295448	23278948	0.15	cps
Holmium	165-2	10046632	10038644	9995269	10026848	0.28	cps
Indium	115-1	15825268	15985811	15800440	15870506	0.63	cps
Indium	115-2	2459326	2452067	2450548	2453980	0.19	cps
Iron	56-2	24927	24638	23519	24361	3.05	cps
Iron	57-2	18256	18323	17444	18008	2.72	cps
Krypton	83-1	1193	1220	1143	1186	3.28	cps
Lead	206-1	4123	4012	3651	3928	6.29	cps
Lead	207-1	3378	3439	3112	3310	5.27	cps
Lead	208-1	15693	15582	14559	15278	4.09	cps
Lithium	6-1	4181339	4180911	4185653	4182635	0.06	cps
Magnesium	24-2	7034918	7030724	6956996	7007546	0.63	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-12	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:00:12	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1182267	1177723	1165762	1175251	0.73	cps
Molybdenum	94-1	3275	3176	3417	3289	3.69	cps
Molybdenum	95-1	5101	5218	5101	5140	1.31	cps
Molybdenum	96-1	5385	5368	5418	5390	0.47	cps
Molybdenum	97-1	3017	3101	3409	3176	6.50	cps
Molybdenum	98-1	7978	8053	7978	8003	0.54	cps
Neodymium	150-1	260	147	247	218	28.44	cps
Neodymium	150-2	47	63	90	67	32.79	cps
Nickel	60-2	4341	4447	4194	4327	2.94	cps
Phosphorus	31-2	233	200	267	233	14.29	cps
Potassium	39-2	505803	498303	501519	501875	0.75	cps
Rhodium	103-1	13869808	13675565	13735440	13760271	0.72	cps
Rhodium	103-2	5967886	5938167	5912275	5939443	0.47	cps
Scandium	45-1	8761713	8672497	8679725	8704645	0.57	cps
Scandium	45-2	309973	307170	310207	309117	0.55	cps
Selenium	77-2	80	100	43	74	38.61	cps
Selenium	78-2	154	146	185	162	12.77	cps
Selenium	82-1	1130	1041	1089	1087	4.13	cps
Silicon	28-1	74704854	74833379	75237458	74925230	0.37	cps
Silver	109-1	2125	2042	1884	2017	6.09	cps
Silver	107-1	2192	2209	1892	2097	8.50	cps
Sodium	23-2	55294205	55384076	54516510	55064930	0.87	cps
Strontium	86-1	998493	999258	993182	996978	0.33	cps
Strontium	88-1	8647263	8732184	8724235	8701227	0.54	cps
Sulfur	34-1	1327952	1330783	1328128	1328955	0.12	cps
Terbium	159-1	23214265	23186254	23045719	23148746	0.39	cps
Terbium	159-2	9665421	9662602	9643631	9657218	0.12	cps
Thallium	203-1	1842	1992	1609	1814	10.65	cps
Thallium	205-1	4451	4501	4268	4406	2.79	cps
Thorium	232-1	822	900	850	857	4.60	cps
Tin	118-1	19039	19765	19857	19553	2.29	cps
Titanium	47-1	2584	2817	2617	2673	4.72	cps
Uranium	238-1	30629	31657	31749	31345	1.98	cps
Vanadium	51-2	5154	5124	4948	5075	2.20	cps
Yttrium	89-1	15291301	15205467	15165356	15220708	0.42	cps
Yttrium	89-2	1740548	1753001	1745427	1746325	0.36	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-12	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:00:12	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11471	11461	10911	11281	2.84	cps
Zirconium	90-1	1834	1850	1617	1767	7.37	cps
Zirconium	91-1	308	417	342	356	15.61	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-14 Instrumnet Name : P7
 Client Sample ID : EPA-MW-31-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:03:48 DataFile Name : 071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5693	5343	5118	5385	5.38	cps
Antimony	121-1	34510	35688	37100	35766	3.63	cps
Arsenic	75-2	954	959	993	969	2.17	cps
Barium	135-1	574973	583860	582728	580520	0.83	cps
Barium	137-1	1015717	1040993	1030490	1029066	1.23	cps
Beryllium	9-1	627	553	587	589	6.24	cps
Bismuth	209-1	11582066	11811413	11909597	11767692	1.43	cps
Bismuth	209-2	5554417	5595345	5672356	5607373	1.07	cps
Boron	10-1	334774	348311	362784	348623	4.02	cps
Boron	11-1	1656959	1708348	1759221	1708176	2.99	cps
Cadmium	111-1	4541	4721	4576	4613	2.07	cps
Cadmium	106-1	5810	6052	5927	5929	2.04	cps
Cadmium	108-1	79	75	92	82	10.59	cps
Calcium	43-1	3934113	4003426	4055976	3997838	1.53	cps
Calcium	44-1	62969366	64196304	65265358	64143676	1.79	cps
Chromium	52-2	4868603	4904724	4930042	4901123	0.63	cps
Cobalt	59-2	176666	177078	178815	177520	0.64	cps
Copper	63-2	93687	95523	95841	95017	1.22	cps
Dysprosium	156-1	808	1033	967	936	12.35	cps
Dysprosium	156-2	420	387	437	414	6.14	cps
Erbium	164-1	1125	1183	1183	1164	2.89	cps
Erbium	164-2	513	503	557	524	5.41	cps
Gadolinium	160-1	1000	1150	958	1036	9.73	cps
Gadolinium	160-2	720	723	677	707	3.68	cps
Holmium	165-1	21074459	21179035	21490119	21247871	1.02	cps
Holmium	165-2	9527433	9552696	9589793	9556640	0.33	cps
Indium	115-1	13715241	13823708	14063553	13867501	1.29	cps
Indium	115-2	2279381	2290639	2306559	2292193	0.60	cps
Iron	56-2	128831242	128722545	129647622	129067136	0.39	cps
Iron	57-2	3100961	3128467	3160992	3130140	0.96	cps
Krypton	83-1	5521	6025	6672	6072	9.50	cps
Lead	206-1	2217	2067	2250	2178	4.48	cps
Lead	207-1	1789	1945	1778	1837	5.07	cps
Lead	208-1	8424	8646	8423	8498	1.51	cps
Lithium	6-1	3793313	3867296	3942110	3867573	1.92	cps
Magnesium	24-2	9565972	9618871	9729163	9638002	0.86	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-14 Instrumnet Name : P7
 Client Sample ID : EPA-MW-31-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:03:48 DataFile Name : 071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	54462226	54629823	55196398	54762815	0.70	cps
Molybdenum	94-1	17904	17086	16877	17289	3.14	cps
Molybdenum	95-1	31218	31828	31970	31672	1.26	cps
Molybdenum	96-1	32354	32572	31862	32263	1.13	cps
Molybdenum	97-1	18913	19597	20048	19520	2.93	cps
Molybdenum	98-1	44755	46427	45173	45451	1.91	cps
Neodymium	150-1	853	680	667	733	14.20	cps
Neodymium	150-2	217	293	250	253	15.17	cps
Nickel	60-2	84947	84860	85179	84995	0.19	cps
Phosphorus	31-2	1892	1592	1675	1720	9.01	cps
Potassium	39-2	1721526	1741206	1758756	1740496	1.07	cps
Rhodium	103-1	11550846	11688527	11893374	11710916	1.47	cps
Rhodium	103-2	5274799	5299423	5368411	5314211	0.91	cps
Scandium	45-1	8040650	8209860	8360317	8203609	1.95	cps
Scandium	45-2	315112	314744	321401	317086	1.18	cps
Selenium	77-2	40	50	40	43	13.32	cps
Selenium	78-2	141	113	161	138	17.48	cps
Selenium	82-1	46866	49520	53492	49959	6.68	cps
Silicon	28-1	132649978	135040936	137727524	135139479	1.88	cps
Silver	109-1	16986	16902	16619	16836	1.14	cps
Silver	107-1	18271	17153	17336	17587	3.41	cps
Sodium	23-2	792259634	795645068	805723118	797875940	0.88	cps
Strontium	86-1	1293115	1307590	1320406	1307037	1.04	cps
Strontium	88-1	11129773	11297931	11471180	11299628	1.51	cps
Sulfur	34-1	1583286	1594277	1618820	1598794	1.14	cps
Terbium	159-1	20823611	21116577	21379923	21106704	1.32	cps
Terbium	159-2	9088968	9116952	9217123	9141014	0.74	cps
Thallium	203-1	1383	1225	983	1197	16.83	cps
Thallium	205-1	3109	2800	2492	2800	11.01	cps
Thorium	232-1	967	789	1039	932	13.81	cps
Tin	118-1	17720	18864	19698	18761	5.29	cps
Titanium	47-1	7861	9553	8995	8803	9.80	cps
Uranium	238-1	3109	2975	2767	2950	5.84	cps
Vanadium	51-2	1817	1840	1770	1809	1.97	cps
Yttrium	89-1	13659136	13898469	14208535	13922047	1.98	cps
Yttrium	89-2	1705385	1712101	1744664	1720717	1.22	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-14	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:03:48	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6405	6305	6592	6434	2.26	cps
Zirconium	90-1	3384	3042	3367	3264	5.90	cps
Zirconium	91-1	783	850	750	795	6.41	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-16 Instrumnet Name : P7
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:07:28 DataFile Name : 072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533	450	333	439	22.89	cps
Antimony	121-1	25524	25633	23730	24962	4.28	cps
Arsenic	75-2	765	728	739	744	2.56	cps
Barium	135-1	939832	932663	918602	930365	1.16	cps
Barium	137-1	1657151	1644093	1617452	1639565	1.23	cps
Beryllium	9-1	273	230	280	261	10.40	cps
Bismuth	209-1	14742576	14729154	14606596	14692775	0.51	cps
Bismuth	209-2	6924009	6892576	6903691	6906759	0.23	cps
Boron	10-1	54440	53261	53663	53788	1.11	cps
Boron	11-1	254472	252728	252267	253156	0.46	cps
Cadmium	111-1	5114	5508	4870	5164	6.24	cps
Cadmium	106-1	6569	7169	6310	6682	6.59	cps
Cadmium	108-1	54	50	38	47	18.37	cps
Calcium	43-1	5679792	5640660	5510309	5610254	1.58	cps
Calcium	44-1	92741419	92437696	90404985	91861367	1.38	cps
Chromium	52-2	11777174	11686605	11706756	11723512	0.41	cps
Cobalt	59-2	933	897	883	904	2.86	cps
Copper	63-2	22347	22337	21937	22207	1.05	cps
Dysprosium	156-1	225	308	300	278	16.52	cps
Dysprosium	156-2	140	130	97	122	18.56	cps
Erbium	164-1	725	792	692	736	6.92	cps
Erbium	164-2	343	303	323	323	6.19	cps
Gadolinium	160-1	358	342	425	375	11.76	cps
Gadolinium	160-2	347	430	317	364	16.11	cps
Holmium	165-1	24050642	23996716	23912925	23986761	0.29	cps
Holmium	165-2	10393686	10400770	10379025	10391160	0.11	cps
Indium	115-1	16508029	16593714	16417239	16506327	0.53	cps
Indium	115-2	2503401	2514327	2529917	2515882	0.53	cps
Iron	56-2	43855	44490	44841	44395	1.13	cps
Iron	57-2	18696	18445	18373	18505	0.91	cps
Krypton	83-1	1457	1663	1550	1557	6.65	cps
Lead	206-1	2606	2461	2284	2450	6.59	cps
Lead	207-1	2284	2428	2084	2265	7.64	cps
Lead	208-1	10213	10246	9529	9996	4.05	cps
Lithium	6-1	4487802	4507437	4426060	4473766	0.95	cps
Magnesium	24-2	7840125	7776022	7802005	7806050	0.41	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-16 Instrumnet Name : P7
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:07:28 DataFile Name : 072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8222	7712	7892	7942	3.26	cps
Molybdenum	94-1	2067	1925	1834	1942	6.05	cps
Molybdenum	95-1	3175	3017	2592	2928	10.30	cps
Molybdenum	96-1	3401	3317	3326	3348	1.37	cps
Molybdenum	97-1	2042	1992	1800	1945	6.56	cps
Molybdenum	98-1	4359	4718	4676	4584	4.28	cps
Neodymium	150-1	307	193	267	256	22.49	cps
Neodymium	150-2	63	53	47	54	15.40	cps
Nickel	60-2	3074	2930	2874	2959	3.48	cps
Phosphorus	31-2	250	267	200	239	14.52	cps
Potassium	39-2	519024	516654	518178	517952	0.23	cps
Rhodium	103-1	14374144	14552385	14380818	14435782	0.70	cps
Rhodium	103-2	6192538	6143899	6215842	6184093	0.59	cps
Scandium	45-1	9338025	9347118	9185812	9290318	0.98	cps
Scandium	45-2	325500	323027	321572	323366	0.61	cps
Selenium	77-2	67	63	80	70	12.60	cps
Selenium	78-2	193	187	165	181	8.10	cps
Selenium	82-1	3022	2383	2185	2530	17.29	cps
Silicon	28-1	82292889	82014266	80210421	81505859	1.39	cps
Silver	109-1	1075	1033	1167	1092	6.25	cps
Silver	107-1	1342	1133	1175	1217	9.06	cps
Sodium	23-2	59395920	58950274	59440337	59262177	0.46	cps
Strontium	86-1	1205037	1197544	1153420	1185334	2.35	cps
Strontium	88-1	10579321	10414001	10288896	10427406	1.40	cps
Sulfur	34-1	1474995	1469231	1447785	1464004	0.98	cps
Terbium	159-1	23909149	24030207	23868544	23935967	0.35	cps
Terbium	159-2	10001973	9990850	9911101	9967975	0.50	cps
Thallium	203-1	1342	1375	1167	1295	8.65	cps
Thallium	205-1	3517	3176	3151	3281	6.24	cps
Thorium	232-1	506	489	539	511	4.98	cps
Tin	118-1	13006	13182	12606	12931	2.28	cps
Titanium	47-1	2992	2584	2884	2820	7.50	cps
Uranium	238-1	48442	48811	47941	48398	0.90	cps
Vanadium	51-2	6748	6672	6768	6729	0.76	cps
Yttrium	89-1	16049879	15904914	15491271	15815354	1.83	cps
Yttrium	89-2	1816307	1804902	1806335	1809181	0.34	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-16	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:07:28	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7882	7822	7519	7741	2.52	cps
Zirconium	90-1	1408	1392	1383	1395	0.91	cps
Zirconium	91-1	375	225	283	294	25.68	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-18	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:11:05	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1442	1517	1583	1514	4.68	cps
Antimony	121-1	20825	20566	21492	20961	2.28	cps
Arsenic	75-2	1298	1339	1237	1291	3.97	cps
Barium	135-1	102972	102560	101922	102485	0.52	cps
Barium	137-1	177587	181413	182272	180424	1.38	cps
Beryllium	9-1	263	247	290	267	8.20	cps
Bismuth	209-1	13653567	13893098	13881061	13809242	0.98	cps
Bismuth	209-2	6640462	6570217	6559249	6589976	0.67	cps
Boron	10-1	245010	251228	251626	249288	1.49	cps
Boron	11-1	1181539	1219471	1217009	1206006	1.76	cps
Cadmium	111-1	4322	4351	4437	4370	1.36	cps
Cadmium	106-1	6018	6085	6210	6104	1.59	cps
Cadmium	108-1	46	83	63	64	29.42	cps
Calcium	43-1	1588576	1587099	1600306	1591994	0.45	cps
Calcium	44-1	25576399	25954372	25800169	25776980	0.74	cps
Chromium	52-2	444243	448181	449433	447286	0.61	cps
Cobalt	59-2	168535	168967	170144	169215	0.49	cps
Copper	63-2	19523	19633	20264	19807	2.02	cps
Dysprosium	156-1	625	450	692	589	21.20	cps
Dysprosium	156-2	280	220	280	260	13.32	cps
Erbium	164-1	5185	5201	5435	5273	2.65	cps
Erbium	164-2	2394	2224	2254	2290	3.96	cps
Gadolinium	160-1	950	1058	1075	1028	6.60	cps
Gadolinium	160-2	680	683	563	642	10.64	cps
Holmium	165-1	22543518	23296000	23127748	22989089	1.72	cps
Holmium	165-2	10161652	10160885	10131986	10151508	0.17	cps
Indium	115-1	15125145	15334725	15373402	15277758	0.87	cps
Indium	115-2	2439885	2449886	2450926	2446899	0.25	cps
Iron	56-2	263536256	264457189	261405400	263132948	0.59	cps
Iron	57-2	6437343	6451707	6455403	6448151	0.15	cps
Krypton	83-1	1753	1657	1830	1747	4.97	cps
Lead	206-1	2695	2489	2411	2532	5.78	cps
Lead	207-1	1778	2139	2195	2037	11.11	cps
Lead	208-1	9546	10074	9846	9822	2.70	cps
Lithium	6-1	4009707	4087564	4083442	4060238	1.08	cps
Magnesium	24-2	3015006	3040510	3020597	3025371	0.44	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-18 Instrumnet Name : P7
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:11:05 DataFile Name : 073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	68770214	68545344	68546679	68620746	0.19	cps
Molybdenum	94-1	3917	3642	3734	3765	3.72	cps
Molybdenum	95-1	7461	7611	6744	7272	6.37	cps
Molybdenum	96-1	8928	8703	9137	8923	2.43	cps
Molybdenum	97-1	2842	2309	2567	2573	10.37	cps
Molybdenum	98-1	5801	6168	6360	6110	4.65	cps
Neodymium	150-1	400	360	400	387	5.97	cps
Neodymium	150-2	123	150	143	139	9.99	cps
Nickel	60-2	104210	104113	105029	104451	0.48	cps
Phosphorus	31-2	5635	6001	6060	5899	3.91	cps
Potassium	39-2	3674462	3716982	3681522	3690988	0.62	cps
Rhodium	103-1	13017240	13266223	13237009	13173490	1.03	cps
Rhodium	103-2	5879614	5864234	5847728	5863859	0.27	cps
Scandium	45-1	8392790	8572314	8553243	8506115	1.16	cps
Scandium	45-2	314836	315370	312835	314347	0.43	cps
Selenium	77-2	27	47	23	32	39.17	cps
Selenium	78-2	83	78	78	80	4.02	cps
Selenium	82-1	762	904	859	842	8.65	cps
Silicon	28-1	78660981	79389133	79333802	79127972	0.51	cps
Silver	109-1	1492	1583	1633	1570	4.58	cps
Silver	107-1	1625	1600	1767	1664	5.40	cps
Sodium	23-2	168143291	168249412	167253716	167882140	0.33	cps
Strontium	86-1	1500350	1503791	1504399	1502847	0.15	cps
Strontium	88-1	12986742	13093617	13192307	13090889	0.79	cps
Sulfur	34-1	1673163	1698779	1667638	1679860	0.99	cps
Terbium	159-1	22360156	22945623	22994203	22766661	1.55	cps
Terbium	159-2	9742666	9705584	9660156	9702802	0.43	cps
Thallium	203-1	792	1017	725	845	18.10	cps
Thallium	205-1	2434	2150	1959	2181	10.96	cps
Thorium	232-1	672	600	694	656	7.53	cps
Tin	118-1	16460	16527	16494	16494	0.20	cps
Titanium	47-1	5293	5576	5801	5557	4.59	cps
Uranium	238-1	233	250	283	256	9.96	cps
Vanadium	51-2	1933	1860	1944	1912	2.38	cps
Yttrium	89-1	14694264	14957703	14885771	14845913	0.92	cps
Yttrium	89-2	1769462	1766417	1765795	1767224	0.11	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-18	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:11:05	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	38177	38341	38508	38342	0.43	cps
Zirconium	90-1	4067	4201	4109	4126	1.65	cps
Zirconium	91-1	1117	1208	975	1100	10.69	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-20 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:14:46 DataFile Name : 074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	174457	171658	170959	172358	1.07	cps
Antimony	121-1	34452	37033	37426	36304	4.45	cps
Arsenic	75-2	1324	1489	1513	1442	7.13	cps
Barium	135-1	27436	26735	27712	27294	1.85	cps
Barium	137-1	48619	49849	49347	49272	1.25	cps
Beryllium	9-1	217	217	237	223	5.17	cps
Bismuth	209-1	13716486	13780521	13967349	13821452	0.94	cps
Bismuth	209-2	6744547	6719677	6675634	6713286	0.52	cps
Boron	10-1	37088	37414	37556	37353	0.64	cps
Boron	11-1	183593	179055	181620	181423	1.25	cps
Cadmium	111-1	4739	4762	4874	4791	1.51	cps
Cadmium	106-1	6135	6160	6402	6232	2.36	cps
Cadmium	108-1	92	96	100	96	4.35	cps
Calcium	43-1	15676	15601	15884	15720	0.93	cps
Calcium	44-1	279851	278015	279934	279267	0.39	cps
Chromium	52-2	21154371	20991365	20892702	21012812	0.63	cps
Cobalt	59-2	3150	3334	3260	3248	2.84	cps
Copper	63-2	178639	178243	177242	178041	0.40	cps
Dysprosium	156-1	5151	5576	5560	5429	4.44	cps
Dysprosium	156-2	2560	2557	2530	2549	0.65	cps
Erbium	164-1	5460	5618	5726	5601	2.40	cps
Erbium	164-2	2204	2147	2307	2219	3.66	cps
Gadolinium	160-1	5960	5776	5685	5807	2.41	cps
Gadolinium	160-2	3170	3297	2960	3143	5.41	cps
Holmium	165-1	22388464	22804005	23043542	22745337	1.46	cps
Holmium	165-2	10220828	10280514	10220664	10240669	0.34	cps
Indium	115-1	14946610	15072095	15297344	15105350	1.18	cps
Indium	115-2	2440366	2417728	2425204	2427766	0.48	cps
Iron	56-2	1017455	1010370	1000507	1009444	0.84	cps
Iron	57-2	25606	25267	25300	25391	0.74	cps
Krypton	83-1	1390	1640	1627	1552	9.06	cps
Lead	206-1	9581	9376	9576	9511	1.23	cps
Lead	207-1	7280	7758	7864	7634	4.07	cps
Lead	208-1	35553	35670	36793	36005	1.90	cps
Lithium	6-1	3932038	3921473	3969313	3940941	0.64	cps
Magnesium	24-2	296105	295663	294174	295314	0.34	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:14:46	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	114460	115539	116530	115510	0.90	cps
Molybdenum	94-1	11105	10796	11038	10980	1.48	cps
Molybdenum	95-1	10913	11922	11513	11449	4.43	cps
Molybdenum	96-1	12781	13132	12881	12931	1.40	cps
Molybdenum	97-1	7427	7494	7527	7483	0.68	cps
Molybdenum	98-1	19105	18246	18221	18524	2.72	cps
Neodymium	150-1	5688	5808	6062	5853	3.26	cps
Neodymium	150-2	1853	1997	1877	1909	4.03	cps
Nickel	60-2	15632	15251	15365	15416	1.27	cps
Phosphorus	31-2	3767	4084	3959	3937	4.05	cps
Potassium	39-2	138205	137035	136169	137136	0.75	cps
Rhodium	103-1	13084818	13034842	13241252	13120304	0.82	cps
Rhodium	103-2	5900793	5905910	5835931	5880878	0.66	cps
Scandium	45-1	8133658	8170219	8262517	8188798	0.81	cps
Scandium	45-2	305623	302225	303128	303658	0.58	cps
Selenium	77-2	23	47	40	37	32.79	cps
Selenium	78-2	70	80	76	75	6.19	cps
Selenium	82-1	5004	5005	5563	5190	6.21	cps
Silicon	28-1	8931656	8908529	8976005	8938730	0.38	cps
Silver	109-1	78979	79532	78536	79016	0.63	cps
Silver	107-1	82037	80236	79649	80641	1.54	cps
Sodium	23-2	163163974	161798595	161080208	162014259	0.65	cps
Strontium	86-1	38904	38845	39397	39048	0.78	cps
Strontium	88-1	336945	335246	333338	335176	0.54	cps
Sulfur	34-1	672002	649899	639345	653749	2.55	cps
Terbium	159-1	22306837	22506835	22910117	22574596	1.36	cps
Terbium	159-2	9856534	9821111	9777589	9818411	0.40	cps
Thallium	203-1	975	967	950	964	1.32	cps
Thallium	205-1	2634	2409	2225	2423	8.44	cps
Thorium	232-1	2578	2434	2550	2521	3.04	cps
Tin	118-1	16560	17812	17386	17253	3.69	cps
Titanium	47-1	5360	4851	5385	5198	5.79	cps
Uranium	238-1	25877	26704	26119	26233	1.62	cps
Vanadium	51-2	8546	8279	8889	8572	3.57	cps
Yttrium	89-1	14404939	14571527	14728231	14568232	1.11	cps
Yttrium	89-2	1751880	1733911	1740507	1742099	0.52	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:14:46	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7132	6852	7109	7031	2.21	cps
Zirconium	90-1	11672	11714	11764	11716	0.39	cps
Zirconium	91-1	2542	2350	2350	2414	4.58	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-22 Instrumnet Name : P7
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:18:24 DataFile Name : 075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3676	3609	3792	3692	2.51	cps
Antimony	121-1	27069	25148	24923	25713	4.59	cps
Arsenic	75-2	828	756	737	773	6.20	cps
Barium	135-1	913527	914816	908909	912418	0.34	cps
Barium	137-1	1610673	1609319	1592791	1604261	0.62	cps
Beryllium	9-1	183	233	163	193	18.65	cps
Bismuth	209-1	14399732	14362947	14342377	14368352	0.20	cps
Bismuth	209-2	6691280	6657091	6665368	6671246	0.27	cps
Boron	10-1	49641	51881	51070	50864	2.23	cps
Boron	11-1	241983	244571	244615	243723	0.62	cps
Cadmium	111-1	4501	4358	4400	4420	1.66	cps
Cadmium	106-1	6193	6027	6093	6104	1.37	cps
Cadmium	108-1	38	63	46	49	26.19	cps
Calcium	43-1	4984807	4981002	5001279	4989029	0.22	cps
Calcium	44-1	81444831	81359852	81562733	81455805	0.13	cps
Chromium	52-2	9971882	9983496	9909277	9954885	0.40	cps
Cobalt	59-2	1050	1067	1110	1076	2.88	cps
Copper	63-2	25065	24497	25135	24899	1.40	cps
Dysprosium	156-1	83	67	50	67	25.00	cps
Dysprosium	156-2	40	40	50	43	13.32	cps
Erbium	164-1	342	317	250	303	15.65	cps
Erbium	164-2	170	153	127	150	14.57	cps
Gadolinium	160-1	83	192	192	156	40.21	cps
Gadolinium	160-2	200	243	243	229	10.93	cps
Holmium	165-1	23017899	23195500	23166727	23126709	0.41	cps
Holmium	165-2	9964714	9913130	9953368	9943737	0.27	cps
Indium	115-1	15580862	15711312	15643299	15645158	0.42	cps
Indium	115-2	2403175	2371499	2391810	2388828	0.67	cps
Iron	56-2	45170	45465	46028	45554	0.96	cps
Iron	57-2	17033	16343	16193	16523	2.71	cps
Krypton	83-1	1120	1257	1200	1192	5.76	cps
Lead	206-1	2445	2611	2289	2448	6.58	cps
Lead	207-1	2089	1995	1961	2015	3.29	cps
Lead	208-1	9435	9463	9202	9366	1.53	cps
Lithium	6-1	4025619	4016107	4011331	4017686	0.18	cps
Magnesium	24-2	5923838	5878075	5808035	5869983	0.99	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-22 Instrumnet Name : P7
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:18:24 DataFile Name : 075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29096	28441	28738	28758	1.14	cps
Molybdenum	94-1	17328	16393	16427	16716	3.17	cps
Molybdenum	95-1	28371	27703	28271	28115	1.28	cps
Molybdenum	96-1	29473	29440	29064	29326	0.77	cps
Molybdenum	97-1	17253	17244	17712	17403	1.54	cps
Molybdenum	98-1	45390	44746	44186	44774	1.35	cps
Neodymium	150-1	73	113	133	107	28.64	cps
Neodymium	150-2	17	7	30	18	65.83	cps
Nickel	60-2	3821	3874	3984	3893	2.14	cps
Phosphorus	31-2	250	342	317	303	15.65	cps
Potassium	39-2	612611	615692	608216	612173	0.61	cps
Rhodium	103-1	13531260	13550794	13515366	13532473	0.13	cps
Rhodium	103-2	5765740	5685262	5717790	5722931	0.71	cps
Scandium	45-1	8454543	8451628	8376738	8427636	0.52	cps
Scandium	45-2	297021	295724	295798	296181	0.25	cps
Selenium	77-2	53	40	53	49	15.74	cps
Selenium	78-2	185	189	133	169	18.36	cps
Selenium	82-1	1194	1071	1038	1101	7.45	cps
Silicon	28-1	77811325	77274385	77152402	77412704	0.45	cps
Silver	109-1	667	742	692	700	5.46	cps
Silver	107-1	792	742	725	753	4.61	cps
Sodium	23-2	57985003	57624045	56897510	57502186	0.96	cps
Strontium	86-1	861664	851541	859268	857491	0.62	cps
Strontium	88-1	7472320	7433863	7504549	7470244	0.47	cps
Sulfur	34-1	1341668	1341107	1342546	1341774	0.05	cps
Terbium	159-1	23004595	22964570	23014085	22994416	0.11	cps
Terbium	159-2	9509381	9488505	9536810	9511565	0.25	cps
Thallium	203-1	917	925	1133	992	12.38	cps
Thallium	205-1	2517	2209	2234	2320	7.38	cps
Thorium	232-1	567	444	300	437	30.54	cps
Tin	118-1	10554	11313	11138	11002	3.61	cps
Titanium	47-1	2692	2500	2792	2661	5.57	cps
Uranium	238-1	21469	21886	21661	21672	0.96	cps
Vanadium	51-2	6488	6372	6308	6389	1.43	cps
Yttrium	89-1	14798402	14829875	14830150	14819476	0.12	cps
Yttrium	89-2	1701168	1672405	1695906	1689827	0.91	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-22	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:18:24	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7078	7032	6508	6873	4.61	cps
Zirconium	90-1	2584	2525	2434	2514	3.01	cps
Zirconium	91-1	450	575	492	506	12.59	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-24 Instrumnet Name : P7
 Client Sample ID : EPA-MW-38-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:22:01 DataFile Name : 076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1150	1142	1025	1106	6.32	cps
Antimony	121-1	20699	20057	19197	19984	3.77	cps
Arsenic	75-2	824	828	806	819	1.45	cps
Barium	135-1	172591	175182	176531	174768	1.15	cps
Barium	137-1	303663	305154	309685	306168	1.02	cps
Beryllium	9-1	200	197	230	209	8.79	cps
Bismuth	209-1	13326599	13334465	13370651	13343905	0.18	cps
Bismuth	209-2	6289092	6322891	6308911	6306964	0.27	cps
Boron	10-1	1306486	1340714	1363031	1336744	2.13	cps
Boron	11-1	6267471	6398293	6517718	6394494	1.96	cps
Cadmium	111-1	4469	3951	4616	4345	8.03	cps
Cadmium	106-1	6335	5543	6610	6163	8.99	cps
Cadmium	108-1	142	113	171	142	20.59	cps
Calcium	43-1	2799701	2817429	2838155	2818429	0.68	cps
Calcium	44-1	44970107	45412284	45834915	45405769	0.95	cps
Chromium	52-2	122712	122557	123172	122814	0.26	cps
Cobalt	59-2	7909	8142	8006	8019	1.46	cps
Copper	63-2	29390	29590	29540	29507	0.35	cps
Dysprosium	156-1	75	158	92	108	40.71	cps
Dysprosium	156-2	47	40	43	43	7.70	cps
Erbium	164-1	375	325	425	375	13.33	cps
Erbium	164-2	157	167	130	151	12.54	cps
Gadolinium	160-1	317	275	200	264	22.40	cps
Gadolinium	160-2	327	310	277	304	8.36	cps
Holmium	165-1	22296258	22309509	22722806	22442858	1.08	cps
Holmium	165-2	9831181	9829013	9851248	9837147	0.12	cps
Indium	115-1	14622521	14688985	14964740	14758749	1.23	cps
Indium	115-2	2325809	2336866	2361737	2341471	0.79	cps
Iron	56-2	7682969	7669671	7667915	7673518	0.11	cps
Iron	57-2	194876	195434	195416	195242	0.16	cps
Krypton	83-1	1403	1507	1483	1465	3.70	cps
Lead	206-1	4529	4351	4284	4388	2.88	cps
Lead	207-1	3539	3395	3228	3388	4.60	cps
Lead	208-1	16304	16388	16171	16288	0.67	cps
Lithium	6-1	3812886	3836046	3885220	3844717	0.96	cps
Magnesium	24-2	6836855	6826945	6849806	6837869	0.17	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-24 Instrumnet Name : P7
 Client Sample ID : EPA-MW-38-OB-010820 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:22:01 DataFile Name : 076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5796064	5797989	5853784	5815946	0.56	cps
Molybdenum	94-1	52247	52548	53753	52849	1.51	cps
Molybdenum	95-1	77369	77929	78809	78036	0.93	cps
Molybdenum	96-1	82806	83192	83913	83304	0.67	cps
Molybdenum	97-1	47924	47221	49805	48316	2.77	cps
Molybdenum	98-1	124111	126204	125565	125294	0.86	cps
Neodymium	150-1	27	87	60	58	52.03	cps
Neodymium	150-2	27	13	20	20	33.35	cps
Nickel	60-2	5201	5028	4861	5030	3.38	cps
Phosphorus	31-2	1859	1800	2359	2006	15.30	cps
Potassium	39-2	1244838	1228855	1248094	1240596	0.83	cps
Rhodium	103-1	12498829	12553668	12690795	12581097	0.79	cps
Rhodium	103-2	5485777	5542798	5579496	5536024	0.85	cps
Scandium	45-1	8147755	8179803	8302293	8209950	0.99	cps
Scandium	45-2	300112	298440	300800	299784	0.40	cps
Selenium	77-2	27	20	13	20	33.35	cps
Selenium	78-2	78	100	72	83	17.64	cps
Selenium	82-1	-174	-329	-296	-266	-30.70	cps
Silicon	28-1	204686342	206084096	208793717	206521385	1.01	cps
Silver	109-1	1275	1375	1342	1331	3.83	cps
Silver	107-1	1550	1417	1333	1433	7.63	cps
Sodium	23-2	266271839	266341406	266367698	266326981	0.02	cps
Strontium	86-1	3590055	3593037	3640093	3607728	0.78	cps
Strontium	88-1	31118460	31004622	31541010	31221364	0.91	cps
Sulfur	34-1	933239	929459	932325	931674	0.21	cps
Terbium	159-1	22152717	22149037	22445558	22249104	0.76	cps
Terbium	159-2	9367346	9394025	9406505	9389292	0.21	cps
Thallium	203-1	792	742	708	747	5.61	cps
Thallium	205-1	1992	1634	2009	1878	11.28	cps
Thorium	232-1	494	450	522	489	7.45	cps
Tin	118-1	9120	9212	9337	9223	1.18	cps
Titanium	47-1	7385	7244	7294	7308	0.98	cps
Uranium	238-1	136377	136520	134371	135756	0.88	cps
Vanadium	51-2	6191	5981	6281	6151	2.50	cps
Yttrium	89-1	14195646	14292354	14389692	14292564	0.68	cps
Yttrium	89-2	1679150	1686671	1697338	1687719	0.54	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-24	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:22:01	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6682	6698	6795	6725	0.91	cps
Zirconium	90-1	25868	25768	24406	25348	3.22	cps
Zirconium	91-1	6152	5985	5726	5954	3.60	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02DLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:25:41	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	208	192	192	8.69	cps
Antimony	121-1	5985	5851	5685	5840	2.57	cps
Arsenic	75-2	135	148	137	140	5.00	cps
Barium	135-1	190664	195761	195515	193980	1.48	cps
Barium	137-1	341503	340691	341212	341135	0.12	cps
Beryllium	9-1	170	170	153	164	5.85	cps
Bismuth	209-1	15928367	15646136	15710589	15761698	0.94	cps
Bismuth	209-2	7428388	7479098	7445740	7451075	0.35	cps
Boron	10-1	39511	36553	33905	36656	7.65	cps
Boron	11-1	188706	173182	162051	174646	7.67	cps
Cadmium	111-1	4920	4571	5018	4836	4.86	cps
Cadmium	106-1	6585	6085	6727	6466	5.22	cps
Cadmium	108-1	33	25	46	35	30.20	cps
Calcium	43-1	1143281	1137336	1146499	1142372	0.41	cps
Calcium	44-1	18623837	18685323	18633928	18647696	0.18	cps
Chromium	52-2	2546882	2566459	2542388	2551910	0.50	cps
Cobalt	59-2	787	777	777	780	0.74	cps
Copper	63-2	11028	11061	11091	11060	0.29	cps
Dysprosium	156-1	58	33	50	47	26.97	cps
Dysprosium	156-2	23	33	13	23	42.86	cps
Erbium	164-1	167	217	142	175	21.82	cps
Erbium	164-2	87	107	77	90	16.97	cps
Gadolinium	160-1	167	150	158	158	5.26	cps
Gadolinium	160-2	290	230	283	268	12.28	cps
Holmium	165-1	24164105	23936078	23942774	24014319	0.54	cps
Holmium	165-2	10430663	10522260	10475311	10476078	0.44	cps
Indium	115-1	16804556	16520795	16645479	16656943	0.85	cps
Indium	115-2	2565842	2585025	2609209	2586692	0.84	cps
Iron	56-2	10443	10037	9648	10043	3.96	cps
Iron	57-2	3873	4123	3756	3917	4.78	cps
Krypton	83-1	643	673	650	656	2.40	cps
Lead	206-1	1300	1367	1278	1315	3.52	cps
Lead	207-1	1133	1233	1200	1189	4.28	cps
Lead	208-1	5423	5451	5367	5414	0.78	cps
Lithium	6-1	4137698	4108258	4074740	4106899	0.77	cps
Magnesium	24-2	1405887	1423510	1423629	1417675	0.72	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02DLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:25:41	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	290874	288345	287371	288863	0.63	cps
Molybdenum	94-1	1067	858	983	970	10.82	cps
Molybdenum	95-1	992	1083	1000	1025	4.95	cps
Molybdenum	96-1	1217	1425	1242	1295	8.79	cps
Molybdenum	97-1	625	750	733	703	9.66	cps
Molybdenum	98-1	1667	1667	1767	1700	3.40	cps
Neodymium	150-1	40	47	40	42	9.12	cps
Neodymium	150-2	10	17	10	12	31.50	cps
Nickel	60-2	887	937	973	932	4.67	cps
Phosphorus	31-2	167	142	125	144	14.52	cps
Potassium	39-2	116101	116286	116135	116174	0.08	cps
Rhodium	103-1	14831021	14572654	14682826	14695500	0.88	cps
Rhodium	103-2	6311212	6406976	6405678	6374622	0.86	cps
Scandium	45-1	8864563	8828952	8840530	8844682	0.21	cps
Scandium	45-2	313257	316567	316820	315548	0.63	cps
Selenium	77-2	10	7	20	12	56.76	cps
Selenium	78-2	61	76	94	77	21.65	cps
Selenium	82-1	365	380	345	363	4.80	cps
Silicon	28-1	15110344	15272485	15095246	15159358	0.65	cps
Silver	109-1	558	525	392	492	17.94	cps
Silver	107-1	600	650	583	611	5.68	cps
Sodium	23-2	11210701	11178207	11197041	11195316	0.15	cps
Strontium	86-1	206870	203335	201577	203927	1.32	cps
Strontium	88-1	1783551	1769193	1773073	1775272	0.42	cps
Sulfur	34-1	587071	581341	584405	584272	0.49	cps
Terbium	159-1	24059146	23924215	23793335	23925566	0.56	cps
Terbium	159-2	10003718	10127996	10206057	10112590	1.01	cps
Thallium	203-1	575	517	500	531	7.42	cps
Thallium	205-1	1400	1550	1242	1397	11.04	cps
Thorium	232-1	156	194	167	172	11.63	cps
Tin	118-1	2209	2217	2059	2161	4.12	cps
Titanium	47-1	617	483	525	542	12.59	cps
Uranium	238-1	6394	6685	6310	6463	3.05	cps
Vanadium	51-2	1247	1343	1437	1342	7.08	cps
Yttrium	89-1	15753367	15543700	15528715	15608594	0.80	cps
Yttrium	89-2	1792783	1806118	1818118	1805673	0.70	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02DLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:25:41	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2427	2340	2300	2356	2.75	cps
Zirconium	90-1	1433	1200	1175	1270	11.22	cps
Zirconium	91-1	217	200	250	222	11.46	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:29:52	DataFile Name :	078CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9655701	9838386	9942932	9812340	1.48	cps
Antimony	121-1	9149636	9208165	9330799	9229533	1.00	cps
Arsenic	75-2	274990	279840	280479	278436	1.08	cps
Barium	135-1	12959810	13132677	13126487	13072991	0.75	cps
Barium	137-1	22945675	22974071	23098557	23006101	0.35	cps
Beryllium	9-1	2002458	2019553	2041557	2021190	0.97	cps
Bismuth	209-1	12903409	12999019	12987970	12963466	0.40	cps
Bismuth	209-2	6304863	6384223	6413968	6367685	0.89	cps
Boron	10-1	435788	446427	453116	445110	1.96	cps
Boron	11-1	2035783	2112249	2118777	2088936	2.21	cps
Cadmium	111-1	3051479	3047810	3061476	3053588	0.23	cps
Cadmium	106-1	341035	338954	342598	340862	0.54	cps
Cadmium	108-1	231558	233675	234539	233257	0.66	cps
Calcium	43-1	14398934	14572598	14756404	14575978	1.23	cps
Calcium	44-1	234293339	237567097	243131730	238330722	1.87	cps
Chromium	52-2	2766887	2791313	2809915	2789372	0.77	cps
Cobalt	59-2	4646190	4672559	4714389	4677713	0.74	cps
Copper	63-2	6352674	6406414	6448659	6402582	0.75	cps
Dysprosium	156-1	367	417	408	397	6.74	cps
Dysprosium	156-2	230	250	237	239	4.26	cps
Erbium	164-1	200	117	150	156	26.96	cps
Erbium	164-2	73	73	57	68	14.19	cps
Gadolinium	160-1	350	242	192	261	31.00	cps
Gadolinium	160-2	340	223	320	294	21.19	cps
Holmium	165-1	22613345	22675478	22729260	22672694	0.26	cps
Holmium	165-2	10272517	10385477	10453775	10370590	0.88	cps
Indium	115-1	14849011	14819638	14881603	14850084	0.21	cps
Indium	115-2	2486479	2538472	2547390	2524113	1.30	cps
Iron	56-2	601314569	604168702	611710947	605731406	0.89	cps
Iron	57-2	14808706	14941225	15099831	14949920	0.97	cps
Krypton	83-1	760	817	790	789	3.59	cps
Lead	206-1	9810250	9879250	9777307	9822269	0.53	cps
Lead	207-1	8701369	8738763	8697871	8712668	0.26	cps
Lead	208-1	38972909	39148007	38944234	39021717	0.28	cps
Lithium	6-1	3867925	3929903	3952335	3916721	1.12	cps
Magnesium	24-2	104241659	106072338	105741090	105351695	0.93	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCV69 Instrumnet Name : P7
 Client Sample ID : CCV69 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:29:52 DataFile Name : 078CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3283963	3317248	3350542	3317251	1.00	cps
Molybdenum	94-1	20309465	20636517	20847152	20597711	1.32	cps
Molybdenum	95-1	24907671	25244272	25433007	25194984	1.06	cps
Molybdenum	96-1	27688666	27935316	28312077	27978686	1.12	cps
Molybdenum	97-1	15627658	15791345	15954394	15791132	1.03	cps
Molybdenum	98-1	40822124	40975392	41789121	41195545	1.26	cps
Neodymium	150-1	1420	1467	1447	1445	1.62	cps
Neodymium	150-2	220	167	173	187	15.57	cps
Nickel	60-2	1200847	1208719	1218803	1209456	0.74	cps
Phosphorus	31-2	96471	99203	97970	97882	1.40	cps
Potassium	39-2	44654237	45444741	45899242	45332740	1.39	cps
Rhodium	103-1	12524103	12601787	12733663	12619851	0.84	cps
Rhodium	103-2	5686907	5802767	5819105	5769593	1.25	cps
Scandium	45-1	8503701	8558757	8669048	8577169	0.98	cps
Scandium	45-2	341123	349142	349117	346460	1.33	cps
Selenium	77-2	7906	7859	8026	7930	1.09	cps
Selenium	78-2	26346	26055	26790	26397	1.40	cps
Selenium	82-1	203949	204384	206806	205046	0.75	cps
Silicon	28-1	6106151	6332977	6449544	6296224	2.77	cps
Silver	109-1	13033165	13099384	13227506	13120018	0.75	cps
Silver	107-1	13436594	13474110	13569708	13493470	0.51	cps
Sodium	23-2	192306038	195760263	197568071	195211457	1.37	cps
Strontium	86-1	3351582	3386098	3372502	3370061	0.52	cps
Strontium	88-1	28683207	29245391	29500903	29143167	1.44	cps
Sulfur	34-1	1505029	1527967	1538951	1523982	1.14	cps
Terbium	159-1	22451209	22338931	22555444	22448528	0.48	cps
Terbium	159-2	9895181	9908762	10007833	9937259	0.62	cps
Thallium	203-1	12092440	12100805	12190026	12127757	0.45	cps
Thallium	205-1	29015909	29323263	29181823	29173665	0.53	cps
Thorium	232-1	43515061	43809576	43717363	43680667	0.34	cps
Tin	118-1	9125813	9118725	9267430	9170656	0.91	cps
Titanium	47-1	6662378	6739452	6813691	6738507	1.12	cps
Uranium	238-1	42644559	42966397	42755251	42788736	0.38	cps
Vanadium	51-2	2176857	2182943	2217317	2192372	1.00	cps
Yttrium	89-1	14607545	14818753	14898233	14774844	1.02	cps
Yttrium	89-2	1846286	1885941	1893098	1875109	1.34	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P7
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:29:52	DataFile Name :	078CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	920580	932970	939557	931036	1.03	cps
Zirconium	90-1	16936802	17059261	17263771	17086611	0.97	cps
Zirconium	91-1	3822244	3812014	3860619	3831626	0.67	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB69 Instrumnet Name : P7
 Client Sample ID : CCB69 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:34:05 DataFile Name : 079CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	475	450	422	16.79	cps
Antimony	121-1	2725	2559	2317	2534	8.11	cps
Arsenic	75-2	28	41	37	35	18.97	cps
Barium	135-1	542	600	325	489	29.64	cps
Barium	137-1	1042	958	625	875	25.20	cps
Beryllium	9-1	340	260	260	287	16.11	cps
Bismuth	209-1	15922894	15812134	15724773	15819933	0.63	cps
Bismuth	209-2	7850561	7800584	7762290	7804478	0.57	cps
Boron	10-1	16752	16268	15951	16323	2.47	cps
Boron	11-1	81486	75263	73438	76729	5.50	cps
Cadmium	111-1	5206	5201	4878	5095	3.69	cps
Cadmium	106-1	7102	7035	6652	6930	3.51	cps
Cadmium	108-1	33	33	46	37	19.25	cps
Calcium	43-1	658	658	508	608	14.24	cps
Calcium	44-1	17619	18512	15158	17097	10.16	cps
Chromium	52-2	2724	2880	2960	2855	4.22	cps
Cobalt	59-2	203	217	243	221	9.21	cps
Copper	63-2	6008	6125	6115	6082	1.06	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	125	58	42	75	58.79	cps
Erbium	164-2	27	23	20	23	14.29	cps
Gadolinium	160-1	150	167	192	169	12.38	cps
Gadolinium	160-2	277	263	223	254	10.91	cps
Holmium	165-1	23836471	24070708	23871157	23926112	0.53	cps
Holmium	165-2	10952153	10939432	10823808	10905131	0.65	cps
Indium	115-1	17230604	17227148	17051211	17169654	0.60	cps
Indium	115-2	2762951	2755838	2754831	2757873	0.16	cps
Iron	56-2	25361	28422	31106	28296	10.16	cps
Iron	57-2	628	533	733	632	15.84	cps
Krypton	83-1	683	690	697	690	0.97	cps
Lead	206-1	1895	1761	1678	1778	6.15	cps
Lead	207-1	1539	1517	1350	1469	7.03	cps
Lead	208-1	7195	7151	6606	6984	4.70	cps
Lithium	6-1	4323518	4309044	4270541	4301035	0.64	cps
Magnesium	24-2	3267	3817	4317	3801	13.82	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB69 Instrumnet Name : P7
 Client Sample ID : CCB69 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 19:34:05 DataFile Name : 079CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	157	230	187	191	19.29	cps
Molybdenum	94-1	3242	2509	2450	2734	16.14	cps
Molybdenum	95-1	3851	3701	2750	3434	17.38	cps
Molybdenum	96-1	4076	4167	3092	3778	15.78	cps
Molybdenum	97-1	2417	2275	1775	2156	15.64	cps
Molybdenum	98-1	6227	5760	4409	5465	17.27	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	83	137	143	121	27.16	cps
Phosphorus	31-2	83	83	92	86	5.58	cps
Potassium	39-2	21550	21725	20774	21349	2.37	cps
Rhodium	103-1	15426325	15398244	15303390	15375986	0.42	cps
Rhodium	103-2	6848706	6837057	6876594	6854119	0.30	cps
Scandium	45-1	9378918	9372668	9305543	9352377	0.43	cps
Scandium	45-2	343830	343876	345643	344450	0.30	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	63	70	83	72	14.28	cps
Selenium	82-1	65	59	0	41	87.65	cps
Silicon	28-1	361254	355333	347699	354762	1.92	cps
Silver	109-1	2184	2184	1809	2059	10.52	cps
Silver	107-1	2534	2567	1975	2359	14.10	cps
Sodium	23-2	60137	59996	61635	60590	1.50	cps
Strontium	86-1	1075	1292	1225	1197	9.27	cps
Strontium	88-1	1392	1517	1058	1322	17.92	cps
Sulfur	34-1	449619	448228	445276	447707	0.50	cps
Terbium	159-1	24133336	23815611	23875074	23941340	0.71	cps
Terbium	159-2	10526619	10464158	10497151	10495976	0.30	cps
Thallium	203-1	3126	2909	2542	2859	10.32	cps
Thallium	205-1	8028	7161	6410	7200	11.24	cps
Thorium	232-1	6596	5768	4779	5714	15.92	cps
Tin	118-1	2142	1942	1767	1950	9.62	cps
Titanium	47-1	550	683	475	569	18.53	cps
Uranium	238-1	1884	1809	983	1559	32.05	cps
Vanadium	51-2	97	113	163	124	27.88	cps
Yttrium	89-1	16259654	16330027	16181112	16256931	0.46	cps
Yttrium	89-2	1932935	1944335	1947055	1941442	0.39	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P7
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 19:34:05	DataFile Name :	079CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	440	423	430	431	1.95	cps
Zirconium	90-1	2050	2250	1650	1984	15.40	cps
Zirconium	91-1	417	492	333	414	19.14	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02DUPDLX5 Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFDUPE Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 19:37:41 DataFile Name : 080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	150	192	208	32.74	cps
Antimony	121-1	13040	13482	12765	13095	2.76	cps
Arsenic	75-2	130	135	115	127	8.32	cps
Barium	135-1	195742	193115	199487	196115	1.63	cps
Barium	137-1	343933	343587	349274	345598	0.92	cps
Beryllium	9-1	213	180	250	214	16.33	cps
Bismuth	209-1	15438253	15500519	15443589	15460787	0.22	cps
Bismuth	209-2	7671861	7648179	7583251	7634430	0.60	cps
Boron	10-1	19238	19288	19271	19266	0.13	cps
Boron	11-1	91293	91744	90126	91055	0.92	cps
Cadmium	111-1	5112	4981	5287	5127	2.99	cps
Cadmium	106-1	6543	6452	6785	6594	2.61	cps
Cadmium	108-1	50	63	54	56	11.46	cps
Calcium	43-1	1183998	1194236	1198849	1192361	0.64	cps
Calcium	44-1	19405407	19417759	19410124	19411097	0.03	cps
Chromium	52-2	2722813	2739227	2739663	2733901	0.35	cps
Cobalt	59-2	797	783	870	817	5.71	cps
Copper	63-2	10527	11078	10747	10784	2.57	cps
Dysprosium	156-1	50	83	50	61	31.50	cps
Dysprosium	156-2	30	20	27	26	19.92	cps
Erbium	164-1	150	125	208	161	26.54	cps
Erbium	164-2	63	73	73	70	8.25	cps
Gadolinium	160-1	192	158	208	186	13.68	cps
Gadolinium	160-2	263	230	270	254	8.42	cps
Holmium	165-1	23476014	23828431	24012067	23772171	1.15	cps
Holmium	165-2	10912574	10912111	10858091	10894258	0.29	cps
Indium	115-1	16790154	16810084	16876763	16825667	0.27	cps
Indium	115-2	2704476	2743488	2752853	2733606	0.94	cps
Iron	56-2	12995	12978	11749	12574	5.68	cps
Iron	57-2	4256	4251	4279	4262	0.35	cps
Krypton	83-1	667	770	730	722	7.22	cps
Lead	206-1	2050	1972	1795	1939	6.76	cps
Lead	207-1	1706	1572	1745	1674	5.40	cps
Lead	208-1	7868	7362	7201	7477	4.65	cps
Lithium	6-1	4200099	4231313	4249266	4226893	0.59	cps
Magnesium	24-2	1523514	1529835	1532834	1528728	0.31	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFDUPE	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:37:41	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	308540	310238	310986	309921	0.40	cps
Molybdenum	94-1	1934	1617	1650	1734	10.04	cps
Molybdenum	95-1	1517	1550	1842	1636	10.93	cps
Molybdenum	96-1	2084	1992	2100	2059	2.83	cps
Molybdenum	97-1	1308	1008	1392	1236	16.31	cps
Molybdenum	98-1	2725	2809	2892	2809	2.97	cps
Neodymium	150-1	27	47	33	36	28.64	cps
Neodymium	150-2	3	10	20	11	75.52	cps
Nickel	60-2	877	1023	1020	973	8.60	cps
Phosphorus	31-2	125	100	108	111	11.46	cps
Potassium	39-2	128073	129645	128923	128880	0.61	cps
Rhodium	103-1	14707025	14948140	14878408	14844524	0.84	cps
Rhodium	103-2	6676547	6739647	6731318	6715837	0.51	cps
Scandium	45-1	9220112	9209859	9151959	9193977	0.40	cps
Scandium	45-2	337697	339951	342409	340019	0.69	cps
Selenium	77-2	10	20	3	11	75.52	cps
Selenium	78-2	54	89	94	79	27.97	cps
Selenium	82-1	288	182	190	220	26.82	cps
Silicon	28-1	15733974	15879939	15881943	15831952	0.54	cps
Silver	109-1	2242	2467	2242	2317	5.61	cps
Silver	107-1	2384	2734	2434	2517	7.52	cps
Sodium	23-2	11909666	11906314	11958489	11924823	0.24	cps
Strontium	86-1	210708	209270	210116	210031	0.34	cps
Strontium	88-1	1805076	1810430	1828456	1814654	0.68	cps
Sulfur	34-1	624040	620349	621905	622098	0.30	cps
Terbium	159-1	23473068	23829107	23793814	23698663	0.83	cps
Terbium	159-2	10458237	10504048	10602029	10521438	0.70	cps
Thallium	203-1	4034	3984	3201	3740	12.50	cps
Thallium	205-1	9962	8895	7878	8912	11.70	cps
Thorium	232-1	2167	2000	1817	1995	8.78	cps
Tin	118-1	2342	2234	2392	2323	3.49	cps
Titanium	47-1	633	583	658	625	6.11	cps
Uranium	238-1	6293	6544	6627	6488	2.68	cps
Vanadium	51-2	1203	1193	1067	1155	6.60	cps
Yttrium	89-1	15841049	15978288	15945069	15921469	0.45	cps
Yttrium	89-2	1917011	1922393	1920701	1920035	0.14	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFDUPC	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:37:41	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2577	2470	2444	2497	2.83	cps
Zirconium	90-1	1667	1709	1792	1722	3.70	cps
Zirconium	91-1	308	308	392	336	14.31	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02LDLX25 Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFLDL Dilution Factor : 25
 Date & Time Acquired :: 2019-01-17 19:41:17 DataFile Name : 081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	92	92	83	17.32	cps
Antimony	121-1	983	817	867	889	9.62	cps
Arsenic	75-2	30	28	35	31	12.49	cps
Barium	135-1	39757	39725	40184	39889	0.64	cps
Barium	137-1	69667	69481	69844	69664	0.26	cps
Beryllium	9-1	157	170	180	169	6.93	cps
Bismuth	209-1	15862104	15901471	16053218	15938931	0.63	cps
Bismuth	209-2	7845433	7814724	7781242	7813800	0.41	cps
Boron	10-1	9111	9762	9078	9317	4.14	cps
Boron	11-1	43873	43882	44215	43990	0.44	cps
Cadmium	111-1	4831	5082	5113	5009	3.08	cps
Cadmium	106-1	6685	7044	7094	6941	3.21	cps
Cadmium	108-1	33	46	33	37	19.25	cps
Calcium	43-1	238622	236404	236704	237243	0.51	cps
Calcium	44-1	3889334	3894623	3886886	3890281	0.10	cps
Chromium	52-2	545288	543031	540458	542926	0.45	cps
Cobalt	59-2	247	233	210	230	8.07	cps
Copper	63-2	6718	6768	6508	6665	2.07	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	108	117	25	83	60.83	cps
Erbium	164-2	23	43	47	38	33.41	cps
Gadolinium	160-1	117	192	167	158	24.12	cps
Gadolinium	160-2	227	250	223	233	6.23	cps
Holmium	165-1	23808060	24056182	24275427	24046556	0.97	cps
Holmium	165-2	10917907	10906651	10837297	10887285	0.40	cps
Indium	115-1	17041497	17311090	17351573	17234720	0.98	cps
Indium	115-2	2777286	2779747	2750154	2769063	0.59	cps
Iron	56-2	6980	7096	7174	7083	1.38	cps
Iron	57-2	1061	1039	1178	1093	6.83	cps
Krypton	83-1	707	727	670	701	4.10	cps
Lead	206-1	1139	1161	1300	1200	7.28	cps
Lead	207-1	883	1150	922	985	14.62	cps
Lead	208-1	4628	4706	4578	4638	1.39	cps
Lithium	6-1	4219949	4264862	4287395	4257402	0.81	cps
Magnesium	24-2	304041	303062	299947	302350	0.71	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFLDL	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 19:41:17	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	61334	62991	61127	61817	1.65	cps
Molybdenum	94-1	850	783	767	800	5.51	cps
Molybdenum	95-1	700	633	525	619	14.26	cps
Molybdenum	96-1	942	917	567	808	25.94	cps
Molybdenum	97-1	342	425	208	325	33.63	cps
Molybdenum	98-1	867	792	992	883	11.44	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	300	270	240	270	11.11	cps
Phosphorus	31-2	100	92	142	111	24.11	cps
Potassium	39-2	40598	39069	40674	40114	2.26	cps
Rhodium	103-1	15156551	15354865	15443718	15318378	0.96	cps
Rhodium	103-2	6846582	6840544	6795229	6827452	0.41	cps
Scandium	45-1	9202477	9345722	9363585	9303928	0.95	cps
Scandium	45-2	343617	344349	341317	343094	0.46	cps
Selenium	77-2	13	7	7	9	43.25	cps
Selenium	78-2	65	52	69	62	14.18	cps
Selenium	82-1	16	59	151	75	92.26	cps
Silicon	28-1	3931644	3946950	3953435	3944010	0.28	cps
Silver	109-1	767	567	600	644	16.63	cps
Silver	107-1	817	783	783	795	2.42	cps
Sodium	23-2	2416893	2398881	2406956	2407577	0.37	cps
Strontium	86-1	43157	43291	42046	42832	1.60	cps
Strontium	88-1	362407	368981	362703	364697	1.02	cps
Sulfur	34-1	483443	486699	483264	484469	0.40	cps
Terbium	159-1	23795036	24233509	24182325	24070290	1.00	cps
Terbium	159-2	10454241	10544240	10426411	10474964	0.59	cps
Thallium	203-1	975	867	1067	970	10.33	cps
Thallium	205-1	2559	2117	2084	2253	11.77	cps
Thorium	232-1	883	950	794	876	8.91	cps
Tin	118-1	1467	1283	1517	1422	8.64	cps
Titanium	47-1	217	133	258	203	31.39	cps
Uranium	238-1	1425	1167	1508	1367	13.04	cps
Vanadium	51-2	340	337	353	343	2.57	cps
Yttrium	89-1	16019972	16135941	16266133	16140682	0.76	cps
Yttrium	89-2	1943331	1941247	1924050	1936209	0.55	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02LDLX25	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFLDL	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 19:41:17	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	867	947	960	924	5.46	cps
Zirconium	90-1	1258	1242	1367	1289	5.27	cps
Zirconium	91-1	208	300	333	281	23.07	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02MSDLX5 Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFMSDL Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 19:44:53 DataFile Name : 082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333575	332922	330049	332182	0.56	cps
Antimony	121-1	1943550	1946129	1958193	1949291	0.40	cps
Arsenic	75-2	54594	55383	54409	54795	0.94	cps
Barium	135-1	2841284	2815626	2851603	2836171	0.65	cps
Barium	137-1	4980606	4988512	5037170	5002096	0.61	cps
Beryllium	9-1	417200	415176	417779	416718	0.33	cps
Bismuth	209-1	15065509	15106213	15301946	15157889	0.83	cps
Bismuth	209-2	7370074	7376304	7354337	7366905	0.15	cps
Boron	10-1	98721	102756	104040	101839	2.73	cps
Boron	11-1	471565	479902	482043	477837	1.16	cps
Cadmium	111-1	619036	626565	626621	624074	0.70	cps
Cadmium	106-1	73357	74061	73834	73751	0.49	cps
Cadmium	108-1	47045	46648	46363	46685	0.73	cps
Calcium	43-1	1724200	1725857	1722639	1724232	0.09	cps
Calcium	44-1	28009296	28054490	28005546	28023111	0.10	cps
Chromium	52-2	3090597	3057305	3053292	3067065	0.67	cps
Cobalt	59-2	902300	899874	897533	899902	0.26	cps
Copper	63-2	1350652	1337632	1338081	1342122	0.55	cps
Dysprosium	156-1	58	100	33	64	52.71	cps
Dysprosium	156-2	23	50	50	41	37.46	cps
Erbium	164-1	133	183	125	147	21.43	cps
Erbium	164-2	83	50	93	76	30.03	cps
Gadolinium	160-1	225	133	167	175	26.51	cps
Gadolinium	160-2	213	273	260	249	12.66	cps
Holmium	165-1	23574350	23548289	23712067	23611569	0.37	cps
Holmium	165-2	10744774	10665406	10582646	10664275	0.76	cps
Indium	115-1	16293786	16258838	16526201	16359608	0.89	cps
Indium	115-2	2623217	2634127	2614289	2623878	0.38	cps
Iron	56-2	23957539	23673288	23500517	23710448	0.97	cps
Iron	57-2	585168	577809	573771	578916	1.00	cps
Krypton	83-1	670	753	697	707	6.02	cps
Lead	206-1	2048466	2057245	2067978	2057896	0.47	cps
Lead	207-1	1727510	1757055	1779160	1754575	1.48	cps
Lead	208-1	7996525	8072315	8152903	8073914	0.97	cps
Lithium	6-1	4168307	4125922	4184070	4159433	0.72	cps
Magnesium	24-2	5415508	5345151	5346063	5368907	0.75	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02MSDLX5 Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFMSDL Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 19:44:53 DataFile Name : 082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	949366	940395	930571	940111	1.00	cps
Molybdenum	94-1	4157024	4127888	4149957	4144957	0.37	cps
Molybdenum	95-1	5060265	5047154	5049438	5052286	0.14	cps
Molybdenum	96-1	5595732	5608462	5515273	5573156	0.91	cps
Molybdenum	97-1	3133328	3145142	3135846	3138105	0.20	cps
Molybdenum	98-1	8084744	8079827	8102955	8089175	0.15	cps
Neodymium	150-1	307	340	333	327	5.40	cps
Neodymium	150-2	33	37	23	31	22.31	cps
Nickel	60-2	242005	240737	241713	241485	0.27	cps
Phosphorus	31-2	108	142	142	131	14.74	cps
Potassium	39-2	1776389	1775619	1753002	1768337	0.75	cps
Rhodium	103-1	14304278	14386293	14449432	14380001	0.51	cps
Rhodium	103-2	6430428	6386968	6341090	6386162	0.70	cps
Scandium	45-1	8943366	8843696	8956432	8914498	0.69	cps
Scandium	45-2	327992	329163	325028	327394	0.65	cps
Selenium	77-2	1613	1613	1623	1617	0.36	cps
Selenium	78-2	5622	5686	5590	5633	0.87	cps
Selenium	82-1	46113	45493	45771	45792	0.68	cps
Silicon	28-1	16382997	16235749	16305477	16308074	0.45	cps
Silver	109-1	2803640	2837003	2847609	2829417	0.81	cps
Silver	107-1	2902122	2917452	2935477	2918350	0.57	cps
Sodium	23-2	18674697	18550086	18523929	18582904	0.43	cps
Strontium	86-1	863625	862119	863824	863189	0.11	cps
Strontium	88-1	7482928	7426976	7495372	7468425	0.49	cps
Sulfur	34-1	616800	610920	606557	611426	0.84	cps
Terbium	159-1	23327172	23336107	23793501	23485594	1.14	cps
Terbium	159-2	10249501	10317913	10152754	10240056	0.81	cps
Thallium	203-1	2511853	2529094	2565786	2535578	1.09	cps
Thallium	205-1	6076860	6138094	6182474	6132476	0.86	cps
Thorium	232-1	1167	1111	1189	1156	3.47	cps
Tin	118-1	1841829	1860316	1867789	1856645	0.72	cps
Titanium	47-1	1312714	1294054	1306753	1304507	0.73	cps
Uranium	238-1	8350155	8255053	8339869	8315026	0.63	cps
Vanadium	51-2	397109	394584	391945	394546	0.65	cps
Yttrium	89-1	15464906	15380464	15570765	15472045	0.62	cps
Yttrium	89-2	1859428	1859611	1842955	1853998	0.52	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02MSDLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFMSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:44:53	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	206694	205308	206435	206145	0.36	cps
Zirconium	90-1	3418660	3409780	3421818	3416753	0.18	cps
Zirconium	91-1	758577	761232	754789	758200	0.43	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02MSDDLX5 Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFMSDC Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 19:48:29 DataFile Name : 083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	343671	341145	343567	342794	0.42	cps
Antimony	121-1	1999587	2037003	2015783	2017458	0.93	cps
Arsenic	75-2	56654	55665	56457	56259	0.93	cps
Barium	135-1	2910479	2975792	2911424	2932565	1.28	cps
Barium	137-1	5095155	5202970	5120483	5139536	1.10	cps
Beryllium	9-1	429356	433100	429575	430677	0.49	cps
Bismuth	209-1	15281932	15296746	15066031	15214903	0.85	cps
Bismuth	209-2	7429919	7573072	7418281	7473757	1.15	cps
Boron	10-1	103076	105189	105667	104644	1.32	cps
Boron	11-1	488418	500041	500328	496262	1.37	cps
Cadmium	111-1	639174	648858	641703	643245	0.78	cps
Cadmium	106-1	75326	78149	75267	76247	2.16	cps
Cadmium	108-1	48721	49762	48646	49043	1.27	cps
Calcium	43-1	1755112	1772096	1766567	1764592	0.49	cps
Calcium	44-1	28638010	28641957	28454349	28578105	0.38	cps
Chromium	52-2	3136467	3128858	3133595	3132973	0.12	cps
Cobalt	59-2	931865	924620	931516	929334	0.44	cps
Copper	63-2	1386317	1381147	1389071	1385512	0.29	cps
Dysprosium	156-1	42	108	83	78	43.30	cps
Dysprosium	156-2	70	73	53	66	16.35	cps
Erbium	164-1	150	158	167	158	5.26	cps
Erbium	164-2	47	83	63	64	28.49	cps
Gadolinium	160-1	200	300	200	233	24.74	cps
Gadolinium	160-2	197	193	257	216	16.53	cps
Holmium	165-1	23910852	23942325	23807330	23886836	0.30	cps
Holmium	165-2	10838529	10926948	10717418	10827632	0.97	cps
Indium	115-1	16363569	16480050	16289219	16377613	0.59	cps
Indium	115-2	2659590	2718900	2648193	2675561	1.42	cps
Iron	56-2	24204434	24230538	24402602	24279191	0.44	cps
Iron	57-2	592312	592460	592420	592397	0.01	cps
Krypton	83-1	773	677	657	702	8.89	cps
Lead	206-1	2111297	2149568	2154871	2138579	1.11	cps
Lead	207-1	1804225	1830192	1836123	1823513	0.93	cps
Lead	208-1	8281951	8418745	8385108	8361935	0.85	cps
Lithium	6-1	4196361	4207572	4165026	4189653	0.53	cps
Magnesium	24-2	5478735	5433056	5482848	5464879	0.51	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02MSDDLX5 Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFMSDC Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 19:48:29 DataFile Name : 083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	960717	956188	965986	960964	0.51	cps
Molybdenum	94-1	4252724	4312820	4243257	4269600	0.88	cps
Molybdenum	95-1	5181954	5252438	5220209	5218200	0.68	cps
Molybdenum	96-1	5702614	5730265	5662939	5698606	0.59	cps
Molybdenum	97-1	3230456	3254738	3230528	3238574	0.43	cps
Molybdenum	98-1	8356799	8382943	8297513	8345752	0.52	cps
Neodymium	150-1	267	347	247	287	18.46	cps
Neodymium	150-2	23	27	20	23	14.29	cps
Nickel	60-2	252328	248202	251240	250590	0.85	cps
Phosphorus	31-2	108	83	133	108	23.08	cps
Potassium	39-2	1822312	1820696	1814774	1819261	0.22	cps
Rhodium	103-1	14535419	14520193	14465746	14507119	0.25	cps
Rhodium	103-2	6479421	6631214	6444646	6518427	1.52	cps
Scandium	45-1	8917064	8957753	8903832	8926216	0.31	cps
Scandium	45-2	331731	338420	329676	333276	1.37	cps
Selenium	77-2	1733	1703	1723	1720	0.89	cps
Selenium	78-2	5740	5792	5898	5810	1.38	cps
Selenium	82-1	46841	47923	47447	47404	1.14	cps
Silicon	28-1	16591515	16817169	16614191	16674292	0.75	cps
Silver	109-1	2890929	2952907	2914369	2919402	1.07	cps
Silver	107-1	3034051	3047538	3044229	3041939	0.23	cps
Sodium	23-2	19020242	18745736	19073929	18946635	0.93	cps
Strontium	86-1	877907	899179	884425	887170	1.23	cps
Strontium	88-1	7715059	7785842	7675356	7725419	0.72	cps
Sulfur	34-1	595206	594852	598583	596213	0.35	cps
Terbium	159-1	23880557	23900170	23763721	23848150	0.31	cps
Terbium	159-2	10393750	10522160	10290719	10402210	1.11	cps
Thallium	203-1	2601267	2652071	2643300	2632213	1.03	cps
Thallium	205-1	6227937	6315640	6285053	6276210	0.71	cps
Thorium	232-1	945	956	878	926	4.54	cps
Tin	118-1	1910023	1938889	1920070	1922994	0.76	cps
Titanium	47-1	1325875	1336389	1346408	1336224	0.77	cps
Uranium	238-1	8666018	8658244	8592110	8638791	0.47	cps
Vanadium	51-2	408491	405711	407880	407361	0.36	cps
Yttrium	89-1	15544201	15714684	15502461	15587115	0.72	cps
Yttrium	89-2	1862902	1920891	1870403	1884732	1.67	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFMSDE	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:48:29	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	211454	211529	212358	211780	0.24	cps
Zirconium	90-1	3549068	3584501	3533201	3555590	0.74	cps
Zirconium	91-1	782439	790826	783245	785503	0.59	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02ADLX5 Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFADL Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 19:52:06 DataFile Name : 084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	344753	349311	347849	347304	0.67	cps
Antimony	121-1	1996843	2027025	2024943	2016270	0.84	cps
Arsenic	75-2	57435	57221	57885	57514	0.59	cps
Barium	135-1	2921546	2939061	2954201	2938269	0.56	cps
Barium	137-1	5141675	5174989	5211550	5176071	0.68	cps
Beryllium	9-1	423477	423029	423844	423450	0.10	cps
Bismuth	209-1	15202324	15189451	15251648	15214474	0.22	cps
Bismuth	209-2	7423036	7492897	7460048	7458660	0.47	cps
Boron	10-1	101616	102630	103359	102535	0.85	cps
Boron	11-1	489389	487602	494562	490518	0.74	cps
Cadmium	111-1	641926	644092	644041	643353	0.19	cps
Cadmium	106-1	74329	76314	75418	75354	1.32	cps
Cadmium	108-1	48458	49244	48767	48823	0.81	cps
Calcium	43-1	1758226	1769319	1780561	1769368	0.63	cps
Calcium	44-1	28650049	28624115	28741986	28672050	0.22	cps
Chromium	52-2	3176225	3168907	3176176	3173770	0.13	cps
Cobalt	59-2	941741	930955	942228	938308	0.68	cps
Copper	63-2	1398177	1388555	1406467	1397733	0.64	cps
Dysprosium	156-1	58	83	83	75	19.24	cps
Dysprosium	156-2	63	53	43	53	18.75	cps
Erbium	164-1	192	175	125	164	21.17	cps
Erbium	164-2	87	47	73	69	29.56	cps
Gadolinium	160-1	192	183	250	208	17.44	cps
Gadolinium	160-2	250	243	283	259	8.28	cps
Holmium	165-1	23489932	23899604	23823218	23737585	0.92	cps
Holmium	165-2	10665877	10703883	10771399	10713719	0.50	cps
Indium	115-1	16420989	16446838	16400593	16422807	0.14	cps
Indium	115-2	2657200	2661449	2665615	2661421	0.16	cps
Iron	56-2	24651889	24455496	24729167	24612184	0.57	cps
Iron	57-2	598601	597970	603168	599913	0.47	cps
Krypton	83-1	717	730	777	741	4.25	cps
Lead	206-1	2113789	2110218	2127281	2117096	0.43	cps
Lead	207-1	1791391	1823854	1826779	1814008	1.08	cps
Lead	208-1	8295953	8326798	8365973	8329574	0.42	cps
Lithium	6-1	4125356	4131201	4135065	4130540	0.12	cps
Magnesium	24-2	5540556	5550272	5545605	5545478	0.09	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-02ADLX5 Instrumnet Name : P7
 Client Sample ID : D-01082019-01-FFADL Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 19:52:06 DataFile Name : 084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	970709	979802	976389	975633	0.47	cps
Molybdenum	94-1	4271005	4271189	4267453	4269882	0.05	cps
Molybdenum	95-1	5191178	5192437	5249380	5210998	0.64	cps
Molybdenum	96-1	5688611	5684710	5705695	5693005	0.20	cps
Molybdenum	97-1	3228240	3220244	3257685	3235389	0.61	cps
Molybdenum	98-1	8416580	8297727	8352755	8355687	0.71	cps
Neodymium	150-1	293	213	293	267	17.32	cps
Neodymium	150-2	43	20	53	39	43.98	cps
Nickel	60-2	250978	252733	252409	252040	0.37	cps
Phosphorus	31-2	117	167	125	136	19.68	cps
Potassium	39-2	1829912	1839243	1835205	1834787	0.26	cps
Rhodium	103-1	14477199	14539543	14483531	14500091	0.24	cps
Rhodium	103-2	6453309	6428526	6480408	6454081	0.40	cps
Scandium	45-1	8922913	8900941	8935046	8919633	0.19	cps
Scandium	45-2	332931	332902	333448	333094	0.09	cps
Selenium	77-2	1783	1597	1857	1746	7.68	cps
Selenium	78-2	5853	5964	5712	5843	2.16	cps
Selenium	82-1	47104	47868	47482	47485	0.81	cps
Silicon	28-1	16603114	16594784	16612207	16603368	0.05	cps
Silver	109-1	2923015	2932497	2938777	2931429	0.27	cps
Silver	107-1	3028169	2994348	3037475	3019997	0.75	cps
Sodium	23-2	19142369	19069021	19139516	19116969	0.22	cps
Strontium	86-1	888086	887898	899706	891897	0.76	cps
Strontium	88-1	7696814	7707378	7757870	7720687	0.42	cps
Sulfur	34-1	591092	585750	588862	588568	0.46	cps
Terbium	159-1	23709425	23959636	23749581	23806214	0.56	cps
Terbium	159-2	10319583	10296845	10352564	10322997	0.27	cps
Thallium	203-1	2606306	2653520	2662786	2640871	1.15	cps
Thallium	205-1	6141351	6253795	6241657	6212268	0.99	cps
Thorium	232-1	800	806	767	791	2.66	cps
Tin	118-1	1901784	1922059	1917211	1913685	0.55	cps
Titanium	47-1	1346049	1337261	1342623	1341978	0.33	cps
Uranium	238-1	8564601	8582880	8580135	8575872	0.11	cps
Vanadium	51-2	413776	409655	412632	412021	0.52	cps
Yttrium	89-1	15538582	15539008	15673516	15583702	0.50	cps
Yttrium	89-2	1880807	1876548	1891263	1882873	0.40	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-02ADLX5	Instrumnet Name :	P7
Client Sample ID :	D-01082019-01-FFADL	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 19:52:06	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	214417	214714	216057	215063	0.41	cps
Zirconium	90-1	3546089	3542370	3581522	3556660	0.61	cps
Zirconium	91-1	784291	788708	789153	787384	0.34	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-08DLX50 Instrumnet Name : P7
 Client Sample ID : EPA-MW-13-OB-010820 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 19:55:42 DataFile Name : 085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	75	58	86	40.29	cps
Antimony	121-1	667	642	375	561	28.81	cps
Arsenic	75-2	31	22	44	33	34.12	cps
Barium	135-1	187034	188173	185683	186963	0.67	cps
Barium	137-1	323363	324410	325528	324434	0.33	cps
Beryllium	9-1	253	217	190	220	14.45	cps
Bismuth	209-1	16042826	16088786	15987381	16039664	0.32	cps
Bismuth	209-2	7843470	7909018	7920937	7891142	0.53	cps
Boron	10-1	10671	9954	9804	10143	4.57	cps
Boron	11-1	47242	46314	45386	46314	2.00	cps
Cadmium	111-1	5200	5048	4852	5033	3.46	cps
Cadmium	106-1	7227	7002	6744	6991	3.46	cps
Cadmium	108-1	25	29	50	35	38.57	cps
Calcium	43-1	378367	381663	379706	379912	0.44	cps
Calcium	44-1	6179417	6210834	6224652	6204968	0.37	cps
Chromium	52-2	66124	66198	67939	66754	1.54	cps
Cobalt	59-2	8916	9493	9306	9239	3.19	cps
Copper	63-2	5848	5644	5648	5713	2.04	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	10	3	10	8	49.52	cps
Erbium	164-1	92	92	108	97	9.90	cps
Erbium	164-2	53	33	30	39	32.45	cps
Gadolinium	160-1	117	92	158	122	27.56	cps
Gadolinium	160-2	247	243	267	252	5.00	cps
Holmium	165-1	24204626	24202326	24324721	24243891	0.29	cps
Holmium	165-2	10933655	11024647	11028100	10995467	0.49	cps
Indium	115-1	17104658	16889851	17055960	17016823	0.66	cps
Indium	115-2	2747881	2780362	2788537	2772260	0.78	cps
Iron	56-2	4045139	4069759	4113741	4076213	0.85	cps
Iron	57-2	101253	102808	104844	102968	1.75	cps
Krypton	83-1	657	683	643	661	3.08	cps
Lead	206-1	1489	1389	1528	1469	4.88	cps
Lead	207-1	1433	1300	1228	1320	7.90	cps
Lead	208-1	6262	5790	5334	5795	8.01	cps
Lithium	6-1	4197384	4182140	4219478	4199667	0.45	cps
Magnesium	24-2	505514	506918	514371	508934	0.94	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-08DLX50 Instrumnet Name : P7
 Client Sample ID : EPA-MW-13-OB-010820 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 19:55:42 DataFile Name : 085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1984998	1986447	2007468	1992971	0.63	cps
Molybdenum	94-1	1525	1350	1358	1411	7.00	cps
Molybdenum	95-1	1675	1367	992	1345	25.46	cps
Molybdenum	96-1	2000	1433	1442	1625	19.99	cps
Molybdenum	97-1	1000	792	767	853	15.02	cps
Molybdenum	98-1	2667	2459	1709	2278	22.13	cps
Neodymium	150-1	40	40	13	31	49.50	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	6131	6298	6228	6219	1.35	cps
Phosphorus	31-2	92	142	142	125	23.10	cps
Potassium	39-2	37782	37081	37532	37465	0.95	cps
Rhodium	103-1	15258641	15172436	15360411	15263829	0.62	cps
Rhodium	103-2	6784850	6833358	6813779	6810663	0.36	cps
Scandium	45-1	9165787	9156102	9183983	9168624	0.15	cps
Scandium	45-2	338061	339796	341332	339730	0.48	cps
Selenium	77-2	10	0	7	6	91.64	cps
Selenium	78-2	80	65	61	69	14.30	cps
Selenium	82-1	135	30	117	94	59.49	cps
Silicon	28-1	5118608	5145342	5164606	5142852	0.45	cps
Silver	109-1	875	633	575	694	22.91	cps
Silver	107-1	917	783	692	797	14.19	cps
Sodium	23-2	3332127	3351573	3379337	3354345	0.71	cps
Strontium	86-1	65165	66061	67325	66184	1.64	cps
Strontium	88-1	563248	568306	568888	566814	0.55	cps
Sulfur	34-1	415915	421660	418325	418633	0.69	cps
Terbium	159-1	24443840	24119572	24366155	24309856	0.70	cps
Terbium	159-2	10513533	10567679	10658843	10580018	0.69	cps
Thallium	203-1	1575	1617	1375	1522	8.49	cps
Thallium	205-1	3976	3609	3159	3581	11.43	cps
Thorium	232-1	233	267	300	267	12.50	cps
Tin	118-1	1642	1417	1567	1542	7.43	cps
Titanium	47-1	517	625	317	486	32.18	cps
Uranium	238-1	983	900	658	847	19.93	cps
Vanadium	51-2	77	87	110	91	18.77	cps
Yttrium	89-1	16021789	15972214	16104489	16032831	0.42	cps
Yttrium	89-2	1916459	1927651	1941575	1928562	0.65	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-08DLX50	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-13-OB-010820	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 19:55:42	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	990	933	1070	998	6.88	cps
Zirconium	90-1	1609	1333	1358	1433	10.61	cps
Zirconium	91-1	375	358	267	333	17.50	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-10DLX50 Instrumnet Name : P7
 Client Sample ID : EPA-MW-30-OB-010820 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 19:59:19 DataFile Name : 086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	283	325	294	9.10	cps
Antimony	121-1	308	400	358	356	12.91	cps
Arsenic	75-2	41	24	37	34	25.79	cps
Barium	135-1	25132	24806	25858	25265	2.13	cps
Barium	137-1	43411	43821	44263	43832	0.97	cps
Beryllium	9-1	173	250	233	219	18.42	cps
Bismuth	209-1	15920660	15667819	15742277	15776919	0.82	cps
Bismuth	209-2	7846672	7975879	7814589	7879047	1.08	cps
Boron	10-1	12798	12547	12380	12575	1.67	cps
Boron	11-1	61132	60891	61961	61328	0.92	cps
Cadmium	111-1	4971	5181	4693	4948	4.95	cps
Cadmium	106-1	6960	7244	6568	6924	4.90	cps
Cadmium	108-1	38	21	25	28	31.23	cps
Calcium	43-1	173927	171239	171254	172140	0.90	cps
Calcium	44-1	2851176	2826439	2818100	2831905	0.61	cps
Chromium	52-2	38778	38855	39232	38955	0.62	cps
Cobalt	59-2	1840	1873	1990	1901	4.14	cps
Copper	63-2	5608	5611	5604	5608	0.06	cps
Dysprosium	156-1	17	25	50	31	56.77	cps
Dysprosium	156-2	17	20	7	14	48.02	cps
Erbium	164-1	108	133	75	106	27.73	cps
Erbium	164-2	57	40	40	46	21.13	cps
Gadolinium	160-1	125	142	108	125	13.33	cps
Gadolinium	160-2	287	290	233	270	11.78	cps
Holmium	165-1	23954877	23963465	23952724	23957022	0.02	cps
Holmium	165-2	10889788	11338675	11020817	11083093	2.08	cps
Indium	115-1	17098803	16830714	16882270	16937262	0.84	cps
Indium	115-2	2724955	2861312	2779884	2788717	2.46	cps
Iron	56-2	2587071	2611652	2623313	2607345	0.71	cps
Iron	57-2	64704	66445	65552	65567	1.33	cps
Krypton	83-1	617	733	700	683	8.79	cps
Lead	206-1	1317	1256	1283	1285	2.38	cps
Lead	207-1	1083	1028	1267	1126	11.10	cps
Lead	208-1	5001	4973	4956	4976	0.45	cps
Lithium	6-1	4212291	4178821	4176951	4189354	0.47	cps
Magnesium	24-2	261825	263078	261365	262089	0.34	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-10DLX50	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 19:59:19	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2523472	2543051	2555798	2540774	0.64	cps
Molybdenum	94-1	733	692	833	753	9.67	cps
Molybdenum	95-1	758	792	742	764	3.33	cps
Molybdenum	96-1	933	1025	917	958	6.09	cps
Molybdenum	97-1	408	358	400	389	6.89	cps
Molybdenum	98-1	1033	1100	900	1011	10.07	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	3404	3681	3557	3547	3.91	cps
Phosphorus	31-2	200	175	83	153	40.20	cps
Potassium	39-2	44827	44760	45479	45022	0.88	cps
Rhodium	103-1	15128634	14938031	15049989	15038885	0.64	cps
Rhodium	103-2	6733914	6969953	6772485	6825451	1.86	cps
Scandium	45-1	9214371	9144087	9088326	9148928	0.69	cps
Scandium	45-2	339088	350132	342973	344064	1.63	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	63	85	72	73	15.20	cps
Selenium	82-1	90	83	78	83	7.07	cps
Silicon	28-1	3717522	3687320	3691365	3698736	0.44	cps
Silver	109-1	600	508	558	556	8.26	cps
Silver	107-1	567	583	558	569	2.24	cps
Sodium	23-2	4077469	4074955	4108504	4086976	0.46	cps
Strontium	86-1	54814	56185	54914	55304	1.38	cps
Strontium	88-1	468890	471619	475441	471984	0.70	cps
Sulfur	34-1	442466	440166	439268	440633	0.37	cps
Terbium	159-1	24001834	23794462	23994786	23930361	0.49	cps
Terbium	159-2	10479711	10816467	10512893	10603023	1.75	cps
Thallium	203-1	1033	1200	917	1050	13.56	cps
Thallium	205-1	2350	2525	2384	2420	3.84	cps
Thorium	232-1	261	244	217	241	9.33	cps
Tin	118-1	1367	1567	1317	1417	9.34	cps
Titanium	47-1	333	400	342	358	10.14	cps
Uranium	238-1	283	333	333	317	9.12	cps
Vanadium	51-2	90	67	63	73	19.81	cps
Yttrium	89-1	15952407	15970661	15831540	15918203	0.47	cps
Yttrium	89-2	1899471	1978095	1933617	1937061	2.04	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-10DLX50	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-30-OB-010820	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 19:59:19	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	893	997	1050	980	8.13	cps
Zirconium	90-1	1342	1267	1183	1264	6.27	cps
Zirconium	91-1	225	233	292	250	14.53	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-12DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 20:02:55 DataFile Name : 087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	217	250	250	13.33	cps
Antimony	121-1	6327	5926	5593	5949	6.17	cps
Arsenic	75-2	130	117	137	128	8.07	cps
Barium	135-1	190547	191247	190807	190867	0.19	cps
Barium	137-1	338408	335836	334238	336161	0.63	cps
Beryllium	9-1	130	180	140	150	17.64	cps
Bismuth	209-1	15567838	15585171	15547835	15566948	0.12	cps
Bismuth	209-2	7650928	7590121	7596228	7612426	0.44	cps
Boron	10-1	13290	12989	12806	13028	1.87	cps
Boron	11-1	59267	60463	60764	60165	1.32	cps
Cadmium	111-1	4638	4852	5086	4859	4.61	cps
Cadmium	106-1	6018	6402	6677	6366	5.20	cps
Cadmium	108-1	71	71	67	69	3.47	cps
Calcium	43-1	1159989	1166847	1163856	1163564	0.30	cps
Calcium	44-1	18791833	18873267	19044513	18903205	0.68	cps
Chromium	52-2	2776005	2764620	2752562	2764396	0.42	cps
Cobalt	59-2	810	760	767	779	3.49	cps
Copper	63-2	9200	9680	9567	9482	2.65	cps
Dysprosium	156-1	33	17	42	31	41.65	cps
Dysprosium	156-2	17	33	27	26	32.81	cps
Erbium	164-1	133	200	192	175	20.76	cps
Erbium	164-2	70	77	77	74	5.17	cps
Gadolinium	160-1	108	125	192	142	31.13	cps
Gadolinium	160-2	260	267	250	259	3.24	cps
Holmium	165-1	23820097	23824522	24181778	23942132	0.87	cps
Holmium	165-2	10735455	10799212	10785704	10773457	0.31	cps
Indium	115-1	16679192	16722655	16843063	16748303	0.51	cps
Indium	115-2	2692327	2702715	2701900	2698981	0.21	cps
Iron	56-2	8909	8736	8197	8614	4.31	cps
Iron	57-2	4034	3940	4123	4032	2.27	cps
Krypton	83-1	733	710	747	730	2.54	cps
Lead	206-1	1834	1656	1656	1715	5.99	cps
Lead	207-1	1456	1356	1356	1389	4.16	cps
Lead	208-1	7062	6495	6367	6642	5.57	cps
Lithium	6-1	4168136	4179823	4180532	4176164	0.17	cps
Magnesium	24-2	1478679	1474056	1472729	1475155	0.21	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-12DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-31-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 20:02:55 DataFile Name : 087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	252663	253093	251930	252562	0.23	cps
Molybdenum	94-1	1058	1033	942	1011	6.08	cps
Molybdenum	95-1	1200	1417	1192	1270	10.05	cps
Molybdenum	96-1	1492	1375	1392	1420	4.45	cps
Molybdenum	97-1	817	775	775	789	3.05	cps
Molybdenum	98-1	2125	1792	2117	2011	9.45	cps
Neodymium	150-1	27	40	80	49	56.77	cps
Neodymium	150-2	30	17	30	26	30.11	cps
Nickel	60-2	1003	1080	1030	1038	3.75	cps
Phosphorus	31-2	167	133	117	139	18.33	cps
Potassium	39-2	122023	120796	120713	121177	0.61	cps
Rhodium	103-1	14793258	14893045	14919614	14868639	0.45	cps
Rhodium	103-2	6592145	6594739	6569302	6585395	0.21	cps
Scandium	45-1	8988929	9022519	9096596	9036015	0.61	cps
Scandium	45-2	336173	334915	333300	334796	0.43	cps
Selenium	77-2	10	17	10	12	31.50	cps
Selenium	78-2	85	80	89	85	5.51	cps
Selenium	82-1	188	204	198	196	4.11	cps
Silicon	28-1	15450487	15499954	15586662	15512368	0.44	cps
Silver	109-1	1117	1067	975	1053	6.82	cps
Silver	107-1	1350	1042	1158	1183	13.16	cps
Sodium	23-2	11614332	11580057	11491071	11561820	0.55	cps
Strontium	86-1	203084	206574	206287	205315	0.94	cps
Strontium	88-1	1782306	1766154	1787380	1778614	0.62	cps
Sulfur	34-1	609947	609580	604837	608121	0.47	cps
Terbium	159-1	23733955	24015480	24013893	23921109	0.68	cps
Terbium	159-2	10384882	10300692	10358597	10348057	0.42	cps
Thallium	203-1	1792	1700	1450	1647	10.74	cps
Thallium	205-1	4184	4209	3801	4065	5.63	cps
Thorium	232-1	261	233	211	235	10.65	cps
Tin	118-1	2884	2750	2967	2867	3.81	cps
Titanium	47-1	617	725	525	622	16.09	cps
Uranium	238-1	6435	6385	6369	6396	0.54	cps
Vanadium	51-2	1110	1180	1237	1176	5.40	cps
Yttrium	89-1	15820929	15703158	15770252	15764780	0.37	cps
Yttrium	89-2	1887275	1890517	1880992	1886261	0.26	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-12DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-31-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 20:02:55	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3144	3250	2967	3120	4.59	cps
Zirconium	90-1	1108	1417	1167	1231	13.31	cps
Zirconium	91-1	283	300	167	250	29.06	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-14DLX20 Instrumnet Name : P7
 Client Sample ID : EPA-MW-31-OB-010820 Dilution Factor : 20
 Date & Time Acquired :: 2019-01-17 20:06:33 DataFile Name : 088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425	283	300	336	23.04	cps
Antimony	121-1	925	1058	950	978	7.25	cps
Arsenic	75-2	43	57	67	56	21.86	cps
Barium	135-1	33633	32247	32798	32893	2.12	cps
Barium	137-1	57838	57905	59043	58262	1.16	cps
Beryllium	9-1	160	173	177	170	5.19	cps
Bismuth	209-1	15119336	15215003	15200701	15178347	0.34	cps
Bismuth	209-2	7445396	7515343	7469119	7476620	0.48	cps
Boron	10-1	22017	22985	22993	22665	2.48	cps
Boron	11-1	108613	111358	113650	111207	2.27	cps
Cadmium	111-1	4743	4677	4683	4701	0.77	cps
Cadmium	106-1	6627	6552	6594	6591	0.57	cps
Cadmium	108-1	13	38	46	32	54.30	cps
Calcium	43-1	222380	222374	224003	222919	0.42	cps
Calcium	44-1	3638498	3656816	3656505	3650606	0.29	cps
Chromium	52-2	269981	274927	271332	272080	0.94	cps
Cobalt	59-2	10327	10431	10187	10315	1.19	cps
Copper	63-2	10424	10567	10774	10588	1.66	cps
Dysprosium	156-1	42	83	67	64	32.83	cps
Dysprosium	156-2	27	20	70	39	69.81	cps
Erbium	164-1	100	200	183	161	33.25	cps
Erbium	164-2	90	67	63	73	19.81	cps
Gadolinium	160-1	158	133	142	144	8.81	cps
Gadolinium	160-2	300	280	247	276	9.78	cps
Holmium	165-1	23456931	23745907	23739865	23647568	0.70	cps
Holmium	165-2	10758227	10866262	10748495	10790995	0.61	cps
Indium	115-1	16354518	16533493	16470179	16452730	0.55	cps
Indium	115-2	2666414	2694060	2681744	2680739	0.52	cps
Iron	56-2	7458256	7502983	7431213	7464151	0.49	cps
Iron	57-2	181609	181249	179039	180632	0.77	cps
Krypton	83-1	630	700	573	634	10.00	cps
Lead	206-1	1050	1083	1017	1050	3.18	cps
Lead	207-1	911	772	800	828	8.88	cps
Lead	208-1	4117	4011	3961	4030	1.97	cps
Lithium	6-1	4063392	4102990	4120421	4095601	0.71	cps
Magnesium	24-2	520944	533773	521964	525560	1.36	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-14DLX20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-17 20:06:33	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3081216	3090769	3070123	3080703	0.34	cps
Molybdenum	94-1	1283	1508	1408	1400	8.05	cps
Molybdenum	95-1	1984	1909	2034	1975	3.19	cps
Molybdenum	96-1	2150	2142	2092	2128	1.48	cps
Molybdenum	97-1	1033	1233	1158	1142	8.85	cps
Molybdenum	98-1	2959	2700	2884	2848	4.67	cps
Neodymium	150-1	53	67	40	53	25.00	cps
Neodymium	150-2	13	13	30	19	50.96	cps
Nickel	60-2	5051	5224	5144	5140	1.69	cps
Phosphorus	31-2	167	158	200	175	12.60	cps
Potassium	39-2	109434	111349	110341	110375	0.87	cps
Rhodium	103-1	14375850	14512599	14560127	14482859	0.66	cps
Rhodium	103-2	6470527	6542877	6492284	6501896	0.57	cps
Scandium	45-1	8857606	8923062	8932966	8904545	0.46	cps
Scandium	45-2	332700	336556	334524	334593	0.58	cps
Selenium	77-2	3	17	7	9	78.08	cps
Selenium	78-2	72	87	72	77	11.09	cps
Selenium	82-1	2688	2640	2918	2749	5.42	cps
Silicon	28-1	7717626	7765734	7813179	7765513	0.62	cps
Silver	109-1	1567	1250	1308	1375	12.26	cps
Silver	107-1	1392	1542	1700	1545	9.98	cps
Sodium	23-2	43340275	43378170	42917769	43212071	0.59	cps
Strontium	86-1	73698	76085	75055	74946	1.60	cps
Strontium	88-1	636566	646421	647188	643392	0.92	cps
Sulfur	34-1	487783	484053	491497	487777	0.76	cps
Terbium	159-1	23558776	23600854	23733710	23631114	0.39	cps
Terbium	159-2	10396534	10441018	10402421	10413324	0.23	cps
Thallium	203-1	700	667	583	650	9.25	cps
Thallium	205-1	1500	1559	1350	1470	7.32	cps
Thorium	232-1	183	178	172	178	3.12	cps
Tin	118-1	1709	1600	1558	1622	4.77	cps
Titanium	47-1	417	542	467	475	13.25	cps
Uranium	238-1	325	233	367	308	22.12	cps
Vanadium	51-2	150	107	150	136	18.45	cps
Yttrium	89-1	15511719	15654659	15614446	15593608	0.47	cps
Yttrium	89-2	1863816	1900494	1894371	1886227	1.04	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-14DLX20	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-31-OB-010820	Dilution Factor :	20
Date & Time Acquired ::	2019-01-17 20:06:33	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1030	1130	1007	1056	6.21	cps
Zirconium	90-1	1092	1283	933	1103	15.89	cps
Zirconium	91-1	233	325	150	236	37.07	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-16DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 20:10:09 DataFile Name : 089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	133	200	186	25.46	cps
Antimony	121-1	5093	5235	4893	5073	3.39	cps
Arsenic	75-2	156	178	144	159	10.66	cps
Barium	135-1	191146	191543	189718	190803	0.50	cps
Barium	137-1	336961	335464	337975	336800	0.37	cps
Beryllium	9-1	190	147	127	154	20.96	cps
Bismuth	209-1	15299074	15354499	15561695	15405089	0.90	cps
Bismuth	209-2	7543641	7550867	7482131	7525546	0.50	cps
Boron	10-1	10571	10896	10546	10671	1.83	cps
Boron	11-1	51806	52752	53445	52668	1.56	cps
Cadmium	111-1	4752	4745	4645	4714	1.28	cps
Cadmium	106-1	6543	6535	6427	6502	1.00	cps
Cadmium	108-1	29	42	42	38	19.24	cps
Calcium	43-1	1131422	1130090	1135639	1132383	0.26	cps
Calcium	44-1	18298319	18391023	18354182	18347841	0.25	cps
Chromium	52-2	2455953	2464913	2465114	2461994	0.21	cps
Cobalt	59-2	247	187	183	206	17.34	cps
Copper	63-2	8906	9120	9026	9017	1.19	cps
Dysprosium	156-1	42	33	58	44	28.65	cps
Dysprosium	156-2	50	50	50	50	0.00	cps
Erbium	164-1	292	167	208	222	28.64	cps
Erbium	164-2	103	93	103	100	5.77	cps
Gadolinium	160-1	217	142	208	189	21.76	cps
Gadolinium	160-2	223	310	263	266	16.33	cps
Holmium	165-1	23617860	23741591	24010008	23789820	0.84	cps
Holmium	165-2	10678477	10743682	10591414	10671191	0.72	cps
Indium	115-1	16520330	16570249	16785818	16625466	0.85	cps
Indium	115-2	2660519	2669072	2677729	2669107	0.32	cps
Iron	56-2	10782	10498	11060	10780	2.60	cps
Iron	57-2	3689	3912	3956	3852	3.71	cps
Krypton	83-1	707	600	740	682	10.72	cps
Lead	206-1	1372	1433	1622	1476	8.83	cps
Lead	207-1	1156	1067	1183	1135	5.37	cps
Lead	208-1	5228	5612	5528	5456	3.70	cps
Lithium	6-1	4133019	4167125	4192894	4164346	0.72	cps
Magnesium	24-2	1625678	1618316	1620895	1621630	0.23	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-16DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-32-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 20:10:09 DataFile Name : 089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	620	750	667	679	9.70	cps
Molybdenum	94-1	767	717	658	714	7.59	cps
Molybdenum	95-1	758	550	600	636	17.10	cps
Molybdenum	96-1	908	808	908	875	6.60	cps
Molybdenum	97-1	367	442	383	397	9.92	cps
Molybdenum	98-1	1058	1042	1083	1061	1.98	cps
Neodymium	150-1	80	73	93	82	12.39	cps
Neodymium	150-2	20	20	20	20	0.00	cps
Nickel	60-2	710	730	737	726	1.91	cps
Phosphorus	31-2	117	75	158	117	35.72	cps
Potassium	39-2	119948	121578	118824	120117	1.15	cps
Rhodium	103-1	14654602	14698603	14790465	14714557	0.47	cps
Rhodium	103-2	6530570	6505272	6549345	6528396	0.34	cps
Scandium	45-1	8956382	8971680	8981006	8969690	0.14	cps
Scandium	45-2	329960	331325	331290	330858	0.24	cps
Selenium	77-2	43	7	37	29	67.60	cps
Selenium	78-2	94	106	119	106	11.35	cps
Selenium	82-1	346	433	288	356	20.49	cps
Silicon	28-1	16163233	16185052	16249154	16199147	0.28	cps
Silver	109-1	692	775	717	728	5.88	cps
Silver	107-1	792	708	858	786	9.56	cps
Sodium	23-2	12190639	12146149	12115015	12150601	0.31	cps
Strontium	86-1	240066	243636	244384	242695	0.95	cps
Strontium	88-1	2121412	2119509	2111711	2117544	0.24	cps
Sulfur	34-1	637182	620896	630208	629429	1.30	cps
Terbium	159-1	23480941	23786001	23790535	23685826	0.75	cps
Terbium	159-2	10298229	10298777	10263109	10286705	0.20	cps
Thallium	203-1	1025	958	1000	995	3.39	cps
Thallium	205-1	2334	2425	2042	2267	8.83	cps
Thorium	232-1	189	183	211	194	7.56	cps
Tin	118-1	1842	2292	1975	2036	11.35	cps
Titanium	47-1	658	525	700	628	14.56	cps
Uranium	238-1	10813	10246	10180	10413	3.34	cps
Vanadium	51-2	1420	1447	1483	1450	2.19	cps
Yttrium	89-1	15597641	15622954	15676414	15632336	0.26	cps
Yttrium	89-2	1868302	1872373	1867752	1869476	0.14	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-16DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-32-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 20:10:09	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2074	2004	2030	2036	1.74	cps
Zirconium	90-1	1267	1158	1000	1142	11.75	cps
Zirconium	91-1	175	250	208	211	17.80	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:13:45	DataFile Name :	090CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9903000	10229411	10361730	10164714	2.32	cps
Antimony	121-1	9448635	9489156	9544747	9494179	0.51	cps
Arsenic	75-2	279333	287405	291990	286243	2.24	cps
Barium	135-1	13234084	13362838	13342041	13312988	0.52	cps
Barium	137-1	23154679	23245715	23482547	23294314	0.73	cps
Beryllium	9-1	2061637	2077346	2085865	2074949	0.59	cps
Bismuth	209-1	13091865	13090596	14738099	13640187	6.97	cps
Bismuth	209-2	6167999	6423096	6523191	6371429	2.87	cps
Boron	10-1	435794	443826	452691	444103	1.90	cps
Boron	11-1	2037727	2105245	2152952	2098641	2.76	cps
Cadmium	111-1	3367301	3367456	3408282	3381013	0.70	cps
Cadmium	106-1	370443	374838	373982	373087	0.62	cps
Cadmium	108-1	254978	258413	255099	256163	0.76	cps
Calcium	43-1	14956169	15075231	15208591	15079997	0.84	cps
Calcium	44-1	243741247	246767689	249032039	246513658	1.08	cps
Chromium	52-2	2803555	2883802	2943548	2876968	2.44	cps
Cobalt	59-2	4679976	4829876	4912612	4807488	2.45	cps
Copper	63-2	6432538	6599395	6681724	6571219	1.93	cps
Dysprosium	156-1	358	583	442	461	24.67	cps
Dysprosium	156-2	223	243	253	240	6.36	cps
Erbium	164-1	108	233	92	144	53.61	cps
Erbium	164-2	47	70	50	56	22.71	cps
Gadolinium	160-1	242	225	400	289	33.43	cps
Gadolinium	160-2	283	347	343	324	10.99	cps
Holmium	165-1	23076795	23074302	25930387	24027161	6.86	cps
Holmium	165-2	10059511	10547162	10736019	10447564	3.34	cps
Indium	115-1	15176981	15240305	17181730	15866339	7.18	cps
Indium	115-2	2459656	2588038	2657820	2568505	3.91	cps
Iron	56-2	607718525	625738325	635597370	623018073	2.27	cps
Iron	57-2	15050189	15430674	15687088	15389317	2.08	cps
Krypton	83-1	777	693	767	746	6.10	cps
Lead	206-1	9751790	9866845	9728165	9782267	0.76	cps
Lead	207-1	8631500	8663028	8661733	8652087	0.21	cps
Lead	208-1	38735280	38929836	38798170	38821095	0.26	cps
Lithium	6-1	4037572	4050053	4502193	4196606	6.31	cps
Magnesium	24-2	106240240	109916411	110912107	109022919	2.26	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:13:45	DataFile Name :	090CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3346509	3429241	3505824	3427191	2.32	cps
Molybdenum	94-1	20894422	21207478	21134046	21078649	0.78	cps
Molybdenum	95-1	25563669	25981378	25864128	25803058	0.83	cps
Molybdenum	96-1	28402096	28878948	28689511	28656852	0.84	cps
Molybdenum	97-1	15980832	16133658	16142605	16085698	0.57	cps
Molybdenum	98-1	41597117	41914784	42344530	41952144	0.89	cps
Neodymium	150-1	1393	1633	1313	1447	11.51	cps
Neodymium	150-2	163	197	170	177	9.98	cps
Nickel	60-2	1211992	1249226	1261823	1241014	2.09	cps
Phosphorus	31-2	98122	101368	102987	100826	2.46	cps
Potassium	39-2	45776319	47409657	47959378	47048451	2.41	cps
Rhodium	103-1	12929816	13052241	14748153	13576737	7.49	cps
Rhodium	103-2	5692162	5960756	6072060	5908326	3.31	cps
Scandium	45-1	8901333	8921388	10124729	9315817	7.52	cps
Scandium	45-2	343261	360285	367205	356917	3.45	cps
Selenium	77-2	8262	8002	8209	8158	1.68	cps
Selenium	78-2	26836	27493	28146	27492	2.38	cps
Selenium	82-1	207566	207705	208839	208037	0.34	cps
Silicon	28-1	6325835	6568509	6658866	6517737	2.64	cps
Silver	109-1	14073840	14058784	14093711	14075445	0.12	cps
Silver	107-1	14408896	14537110	14635816	14527274	0.78	cps
Sodium	23-2	194836046	203475975	205169209	201160410	2.76	cps
Strontium	86-1	3416211	3450218	3441297	3435908	0.51	cps
Strontium	88-1	29529827	29936483	29905559	29790623	0.76	cps
Sulfur	34-1	1570991	1598916	1608995	1592968	1.24	cps
Terbium	159-1	22936221	22872676	25810989	23873295	7.03	cps
Terbium	159-2	9723765	10122693	10371727	10072729	3.24	cps
Thallium	203-1	12126515	12233678	12175238	12178477	0.44	cps
Thallium	205-1	29069033	29210331	29105593	29128319	0.25	cps
Thorium	232-1	43389602	43235279	43114736	43246539	0.32	cps
Tin	118-1	9318907	9385597	9425679	9376728	0.58	cps
Titanium	47-1	6885203	6958233	6954242	6932560	0.59	cps
Uranium	238-1	42690015	42507512	41983577	42393701	0.87	cps
Vanadium	51-2	2208334	2274037	2282754	2255042	1.80	cps
Yttrium	89-1	15092897	15193880	17200660	15829146	7.51	cps
Yttrium	89-2	1847371	1927385	1984361	1919706	3.58	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P7
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:13:45	DataFile Name :	090CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	920974	950741	964908	945541	2.37	cps
Zirconium	90-1	17348063	17483019	17478965	17436683	0.44	cps
Zirconium	91-1	3885466	3881042	3901660	3889389	0.28	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P7
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 20:19:41 DataFile Name : 091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	125	67	108	33.53	cps
Antimony	121-1	1500	1575	1575	1550	2.79	cps
Arsenic	75-2	24	24	22	23	4.55	cps
Barium	135-1	183	333	242	253	29.91	cps
Barium	137-1	358	558	442	453	22.19	cps
Beryllium	9-1	223	250	253	242	6.79	cps
Bismuth	209-1	16081876	16005789	15979103	16022256	0.33	cps
Bismuth	209-2	7999126	8025648	8013067	8012614	0.17	cps
Boron	10-1	6985	6352	6502	6613	5.01	cps
Boron	11-1	31985	29855	29897	30579	3.98	cps
Cadmium	111-1	5002	5315	5177	5165	3.04	cps
Cadmium	106-1	6944	7327	7144	7138	2.69	cps
Cadmium	108-1	42	38	33	38	11.12	cps
Calcium	43-1	442	425	392	419	6.07	cps
Calcium	44-1	12823	13323	13323	13156	2.20	cps
Chromium	52-2	3094	2944	3064	3034	2.62	cps
Cobalt	59-2	90	120	103	104	14.39	cps
Copper	63-2	4864	4651	4774	4763	2.25	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	13	7	20	13	49.99	cps
Erbium	164-1	75	100	83	86	14.79	cps
Erbium	164-2	27	57	23	36	51.64	cps
Gadolinium	160-1	150	208	117	158	29.30	cps
Gadolinium	160-2	280	230	247	252	10.09	cps
Holmium	165-1	24229453	24419199	24266793	24305148	0.41	cps
Holmium	165-2	11209834	11248629	11226386	11228283	0.17	cps
Indium	115-1	17622820	17488555	17538753	17550043	0.39	cps
Indium	115-2	2863177	2872829	2888242	2874750	0.44	cps
Iron	56-2	12456	12617	11444	12172	5.22	cps
Iron	57-2	244	228	200	224	10.02	cps
Krypton	83-1	653	693	680	676	3.01	cps
Lead	206-1	1895	1956	1839	1896	3.08	cps
Lead	207-1	1483	1711	1567	1587	7.26	cps
Lead	208-1	7262	7596	7073	7310	3.62	cps
Lithium	6-1	4488121	4464604	4461284	4471336	0.33	cps
Magnesium	24-2	1350	1108	1083	1181	12.48	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P7
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 20:19:41 DataFile Name : 091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	287	287	237	270	10.69	cps
Molybdenum	94-1	1442	1458	1483	1461	1.44	cps
Molybdenum	95-1	1750	1767	1584	1700	5.96	cps
Molybdenum	96-1	2109	1984	1500	1864	17.24	cps
Molybdenum	97-1	1042	958	800	933	13.15	cps
Molybdenum	98-1	2659	2800	2384	2614	8.11	cps
Neodymium	150-1	20	27	0	16	89.22	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	83	97	120	100	18.56	cps
Phosphorus	31-2	92	83	92	89	5.41	cps
Potassium	39-2	20156	20156	20707	20340	1.56	cps
Rhodium	103-1	15953354	15690672	15833499	15825841	0.83	cps
Rhodium	103-2	7058781	7111993	7099824	7090199	0.39	cps
Scandium	45-1	9743842	9706303	9704840	9718328	0.23	cps
Scandium	45-2	364498	362362	365368	364076	0.42	cps
Selenium	77-2	3	17	7	9	78.08	cps
Selenium	78-2	65	70	80	72	10.45	cps
Selenium	82-1	79	50	43	57	32.78	cps
Silicon	28-1	317965	317622	314754	316780	0.56	cps
Silver	109-1	1242	1175	1325	1247	6.03	cps
Silver	107-1	1342	1317	1175	1278	7.03	cps
Sodium	23-2	44224	41801	42018	42681	3.14	cps
Strontium	86-1	1125	1208	1125	1153	4.17	cps
Strontium	88-1	650	592	658	633	5.74	cps
Sulfur	34-1	463312	466035	467330	465559	0.44	cps
Terbium	159-1	24345183	24238803	24313008	24298998	0.22	cps
Terbium	159-2	10889012	10822127	10868569	10859903	0.32	cps
Thallium	203-1	2142	1967	2034	2047	4.31	cps
Thallium	205-1	5435	4559	4934	4976	8.83	cps
Thorium	232-1	4268	3973	3673	3971	7.49	cps
Tin	118-1	2125	1950	1625	1900	13.35	cps
Titanium	47-1	242	317	217	258	20.15	cps
Uranium	238-1	717	675	700	697	3.01	cps
Vanadium	51-2	57	87	47	63	32.87	cps
Yttrium	89-1	16614688	16556225	16652129	16607680	0.29	cps
Yttrium	89-2	2016436	2008664	2026364	2017155	0.44	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P7
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:19:41	DataFile Name :	091CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	503	450	560	504	10.91	cps
Zirconium	90-1	1583	1575	1633	1597	1.98	cps
Zirconium	91-1	408	275	367	350	19.49	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-18DLX50 Instrumnet Name : P7
 Client Sample ID : EPA-MW-32-OB-010820 Dilution Factor : 50
 Date & Time Acquired :: 2019-01-17 20:23:18 DataFile Name : 092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	200	125	175	24.74	cps
Antimony	121-1	942	825	892	886	6.61	cps
Arsenic	75-2	50	44	37	44	14.84	cps
Barium	135-1	2475	2850	2484	2603	8.23	cps
Barium	137-1	4626	4768	4601	4665	1.93	cps
Beryllium	9-1	230	210	217	219	4.65	cps
Bismuth	209-1	15776299	15957434	15885998	15873243	0.57	cps
Bismuth	209-2	7951906	8004136	7971071	7975704	0.33	cps
Boron	10-1	10687	10237	10387	10437	2.20	cps
Boron	11-1	51371	51120	51254	51249	0.24	cps
Cadmium	111-1	5474	4999	5198	5223	4.57	cps
Cadmium	106-1	7611	6944	7269	7274	4.59	cps
Cadmium	108-1	58	29	46	44	32.92	cps
Calcium	43-1	40063	40649	39804	40172	1.08	cps
Calcium	44-1	664228	661009	661889	662375	0.25	cps
Chromium	52-2	20157	19660	19830	19883	1.27	cps
Cobalt	59-2	4384	4614	4424	4474	2.75	cps
Copper	63-2	5318	5338	5211	5289	1.29	cps
Dysprosium	156-1	42	42	42	42	0.00	cps
Dysprosium	156-2	20	20	17	19	10.18	cps
Erbium	164-1	125	183	292	200	42.29	cps
Erbium	164-2	47	103	87	79	36.92	cps
Gadolinium	160-1	125	125	167	139	17.32	cps
Gadolinium	160-2	240	250	263	251	4.66	cps
Holmium	165-1	24191602	24358825	24247595	24266007	0.35	cps
Holmium	165-2	11190057	11234726	11189835	11204872	0.23	cps
Indium	115-1	17290747	17445667	17335291	17357235	0.46	cps
Indium	115-2	2892670	2876161	2889040	2885957	0.30	cps
Iron	56-2	6920529	6954895	6872165	6915863	0.60	cps
Iron	57-2	166827	167247	166527	166867	0.22	cps
Krypton	83-1	630	720	703	684	7.00	cps
Lead	206-1	1795	1722	1472	1663	10.17	cps
Lead	207-1	1617	1433	1617	1556	6.80	cps
Lead	208-1	7051	6440	6590	6693	4.76	cps
Lithium	6-1	4472278	4474217	4454583	4467026	0.24	cps
Magnesium	24-2	78330	77401	78095	77942	0.62	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-18DLX50	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 20:23:18	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1761735	1782373	1774117	1772742	0.59	cps
Molybdenum	94-1	1142	1225	1108	1158	5.19	cps
Molybdenum	95-1	1208	1217	1150	1192	3.05	cps
Molybdenum	96-1	1367	1500	1350	1406	5.85	cps
Molybdenum	97-1	733	583	842	720	18.03	cps
Molybdenum	98-1	1742	1892	1567	1734	9.38	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	7	27	3	12	103.26	cps
Nickel	60-2	2950	2940	2814	2901	2.63	cps
Phosphorus	31-2	283	242	225	250	12.02	cps
Potassium	39-2	114951	116723	114068	115247	1.17	cps
Rhodium	103-1	15638159	15631793	15618806	15629586	0.06	cps
Rhodium	103-2	7053854	7045696	7050949	7050166	0.06	cps
Scandium	45-1	9654341	9619485	9637432	9637086	0.18	cps
Scandium	45-2	364509	366878	362155	364514	0.65	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	48	74	80	67	24.97	cps
Selenium	82-1	147	8	15	57	137.34	cps
Silicon	28-1	2642186	2658355	2629884	2643475	0.54	cps
Silver	109-1	1033	958	950	981	4.68	cps
Silver	107-1	833	1225	1250	1103	21.19	cps
Sodium	23-2	4260322	4289780	4279024	4276375	0.35	cps
Strontium	86-1	38327	36898	38494	37907	2.31	cps
Strontium	88-1	318761	324148	321403	321437	0.84	cps
Sulfur	34-1	500677	499752	499981	500137	0.10	cps
Terbium	159-1	24238725	24382722	24219075	24280174	0.37	cps
Terbium	159-2	10851122	10831392	10791616	10824710	0.28	cps
Thallium	203-1	1767	1567	1659	1664	6.02	cps
Thallium	205-1	3742	4109	4243	4031	6.43	cps
Thorium	232-1	2728	2978	2967	2891	4.89	cps
Tin	118-1	1775	1825	1825	1809	1.60	cps
Titanium	47-1	433	358	383	392	9.75	cps
Uranium	238-1	617	683	650	650	5.13	cps
Vanadium	51-2	137	123	77	112	28.07	cps
Yttrium	89-1	16482795	16554960	16504959	16514238	0.22	cps
Yttrium	89-2	2022460	2032090	2023555	2026035	0.26	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-18DLX50	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-32-OB-010820	Dilution Factor :	50
Date & Time Acquired ::	2019-01-17 20:23:18	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1597	1803	1797	1732	6.78	cps
Zirconium	90-1	1567	1533	1600	1567	2.13	cps
Zirconium	91-1	350	267	350	322	14.93	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-20DLX10 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 20:26:54 DataFile Name : 093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20790	20406	20682	20626	0.96	cps
Antimony	121-1	3025	2859	2934	2939	2.84	cps
Arsenic	75-2	157	150	150	152	2.81	cps
Barium	135-1	3192	3034	3184	3137	2.84	cps
Barium	137-1	5468	5451	5101	5340	3.88	cps
Beryllium	9-1	180	193	217	197	9.44	cps
Bismuth	209-1	15551573	15418425	15452384	15474127	0.45	cps
Bismuth	209-2	7755083	7685889	7804045	7748339	0.77	cps
Boron	10-1	7127	7077	6752	6985	2.92	cps
Boron	11-1	33037	32185	32519	32580	1.32	cps
Cadmium	111-1	5197	5216	4915	5109	3.30	cps
Cadmium	106-1	7119	7185	6719	7008	3.60	cps
Cadmium	108-1	75	79	54	69	19.29	cps
Calcium	43-1	2117	2317	1959	2131	8.43	cps
Calcium	44-1	43214	43214	43097	43175	0.16	cps
Chromium	52-2	2433265	2423591	2443589	2433482	0.41	cps
Cobalt	59-2	397	383	383	388	1.98	cps
Copper	63-2	26080	25950	26377	26136	0.84	cps
Dysprosium	156-1	608	567	525	567	7.35	cps
Dysprosium	156-2	273	270	270	271	0.71	cps
Erbium	164-1	608	683	733	675	9.32	cps
Erbium	164-2	257	263	320	280	12.43	cps
Gadolinium	160-1	767	625	692	694	10.21	cps
Gadolinium	160-2	523	523	577	541	5.69	cps
Holmium	165-1	23964521	23970986	23817921	23917809	0.36	cps
Holmium	165-2	10978055	10909878	11071315	10986416	0.74	cps
Indium	115-1	17090228	17130116	17159629	17126658	0.20	cps
Indium	115-2	2755280	2764069	2787302	2768883	0.60	cps
Iron	56-2	123229	124399	123604	123744	0.48	cps
Iron	57-2	3217	3034	3139	3130	2.94	cps
Krypton	83-1	753	700	723	726	3.69	cps
Lead	206-1	2089	2095	2239	2141	3.97	cps
Lead	207-1	1861	1934	1745	1846	5.16	cps
Lead	208-1	8707	8524	8624	8618	1.07	cps
Lithium	6-1	4396429	4395177	4381813	4391140	0.18	cps
Magnesium	24-2	35175	35610	34148	34978	2.15	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-20DLX10 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-OB-010820 Dilution Factor : 10
 Date & Time Acquired :: 2019-01-17 20:26:54 DataFile Name : 093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13196	13193	13503	13297	1.34	cps
Molybdenum	94-1	2084	1884	1942	1970	5.22	cps
Molybdenum	95-1	1884	1517	1609	1670	11.43	cps
Molybdenum	96-1	1950	1875	2034	1953	4.06	cps
Molybdenum	97-1	1075	908	1025	1003	8.53	cps
Molybdenum	98-1	2859	2717	2367	2648	9.56	cps
Neodymium	150-1	500	600	720	607	18.16	cps
Neodymium	150-2	237	230	213	227	5.30	cps
Nickel	60-2	1867	1923	1957	1916	2.38	cps
Phosphorus	31-2	625	500	458	528	16.43	cps
Potassium	39-2	34809	35309	35861	35326	1.49	cps
Rhodium	103-1	15222996	15129814	15246257	15199689	0.41	cps
Rhodium	103-2	6800590	6835193	6874842	6836875	0.54	cps
Scandium	45-1	9506610	9408392	9423400	9446134	0.56	cps
Scandium	45-2	352881	351151	352847	352293	0.28	cps
Selenium	77-2	7	3	10	7	50.03	cps
Selenium	78-2	81	69	70	73	9.54	cps
Selenium	82-1	496	573	593	554	9.22	cps
Silicon	28-1	1470413	1450754	1463317	1461495	0.68	cps
Silver	109-1	10162	9904	10037	10035	1.29	cps
Silver	107-1	10971	10187	10471	10543	3.76	cps
Sodium	23-2	18886240	18826400	18807607	18840082	0.22	cps
Strontium	86-1	5385	5660	5393	5479	2.86	cps
Strontium	88-1	36255	37333	37743	37110	2.07	cps
Sulfur	34-1	494374	482526	478412	485104	1.71	cps
Terbium	159-1	23853896	23678921	23973970	23835596	0.62	cps
Terbium	159-2	10527808	10489686	10684647	10567380	0.98	cps
Thallium	203-1	2425	2325	2225	2325	4.30	cps
Thallium	205-1	5835	5243	5793	5624	5.88	cps
Thorium	232-1	1511	1328	1400	1413	6.54	cps
Tin	118-1	2375	2242	2084	2234	6.54	cps
Titanium	47-1	600	725	850	725	17.24	cps
Uranium	238-1	2909	2684	2700	2764	4.54	cps
Vanadium	51-2	1057	1047	1030	1045	1.29	cps
Yttrium	89-1	16176580	16239428	16188957	16201655	0.21	cps
Yttrium	89-2	1957513	1968234	1973022	1966256	0.40	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-20DLX10	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-OB-010820	Dilution Factor :	10
Date & Time Acquired ::	2019-01-17 20:26:54	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1490	1323	1463	1426	6.28	cps
Zirconium	90-1	2792	2800	2967	2853	3.46	cps
Zirconium	91-1	658	467	642	589	18.03	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-22DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-38-BR-0108201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 20:30:30 DataFile Name : 094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	875	817	883	858	4.23	cps
Antimony	121-1	6160	5752	5685	5865	4.39	cps
Arsenic	75-2	139	133	141	138	2.80	cps
Barium	135-1	189475	187516	187609	188200	0.59	cps
Barium	137-1	327218	326212	329564	327665	0.52	cps
Beryllium	9-1	147	170	150	156	8.11	cps
Bismuth	209-1	15514212	15547777	15506595	15522861	0.14	cps
Bismuth	209-2	7666697	7638987	7726500	7677395	0.58	cps
Boron	10-1	12014	12898	12506	12472	3.55	cps
Boron	11-1	59769	59594	59141	59501	0.54	cps
Cadmium	111-1	4928	4768	5136	4944	3.73	cps
Cadmium	106-1	6752	6443	6919	6705	3.60	cps
Cadmium	108-1	46	25	58	43	39.11	cps
Calcium	43-1	1082099	1091707	1086351	1086719	0.44	cps
Calcium	44-1	17791663	17828481	17793813	17804652	0.12	cps
Chromium	52-2	2265000	2265878	2272150	2267676	0.17	cps
Cobalt	59-2	220	310	290	273	17.29	cps
Copper	63-2	9994	9853	10210	10019	1.79	cps
Dysprosium	156-1	50	42	42	44	10.82	cps
Dysprosium	156-2	23	27	20	23	14.29	cps
Erbium	164-1	92	117	117	108	13.32	cps
Erbium	164-2	67	53	57	59	11.79	cps
Gadolinium	160-1	117	208	125	150	33.79	cps
Gadolinium	160-2	257	267	223	249	9.12	cps
Holmium	165-1	23915001	23987302	23949903	23950735	0.15	cps
Holmium	165-2	10830892	10973487	10953309	10919229	0.71	cps
Indium	115-1	16895065	16949074	16883903	16909347	0.21	cps
Indium	115-2	2728386	2734942	2729898	2731075	0.13	cps
Iron	56-2	14697	14691	14975	14787	1.10	cps
Iron	57-2	3917	4095	4040	4017	2.26	cps
Krypton	83-1	783	733	597	704	13.72	cps
Lead	206-1	1745	1784	1600	1709	5.65	cps
Lead	207-1	1417	1511	1311	1413	7.08	cps
Lead	208-1	6651	6784	6334	6590	3.51	cps
Lithium	6-1	4317505	4318444	4312125	4316025	0.08	cps
Magnesium	24-2	1335762	1334624	1331032	1333806	0.19	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-22DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 20:30:30	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6545	6375	6211	6377	2.62	cps
Molybdenum	94-1	3884	4067	3817	3923	3.30	cps
Molybdenum	95-1	6060	6010	5943	6004	0.98	cps
Molybdenum	96-1	6810	6810	6493	6705	2.73	cps
Molybdenum	97-1	3342	4026	3717	3695	9.26	cps
Molybdenum	98-1	10221	9720	9862	9934	2.60	cps
Neodymium	150-1	13	47	67	42	63.82	cps
Neodymium	150-2	27	10	7	14	74.18	cps
Nickel	60-2	1033	960	1007	1000	3.71	cps
Phosphorus	31-2	142	150	150	147	3.27	cps
Potassium	39-2	158125	156812	158410	157783	0.54	cps
Rhodium	103-1	15007447	15019173	15049488	15025369	0.14	cps
Rhodium	103-2	6697076	6704431	6704143	6701883	0.06	cps
Scandium	45-1	9257096	9377116	9274940	9303050	0.70	cps
Scandium	45-2	342676	344839	346260	344591	0.52	cps
Selenium	77-2	20	27	17	21	24.12	cps
Selenium	78-2	115	85	78	93	21.17	cps
Selenium	82-1	176	191	411	259	50.65	cps
Silicon	28-1	17417738	17419137	17265724	17367533	0.51	cps
Silver	109-1	1759	1817	1659	1745	4.59	cps
Silver	107-1	1759	1909	1909	1859	4.66	cps
Sodium	23-2	13116069	13113136	13091812	13107006	0.10	cps
Strontium	86-1	179601	181770	180556	180642	0.60	cps
Strontium	88-1	1560856	1575011	1571091	1568986	0.47	cps
Sulfur	34-1	645209	639269	642200	642226	0.46	cps
Terbium	159-1	23628586	23927540	23974265	23843464	0.79	cps
Terbium	159-2	10533512	10455110	10492189	10493604	0.37	cps
Thallium	203-1	1975	2317	2300	2198	8.77	cps
Thallium	205-1	5535	5785	5793	5704	2.57	cps
Thorium	232-1	1017	917	817	917	10.91	cps
Tin	118-1	2559	2634	2467	2553	3.27	cps
Titanium	47-1	625	683	675	661	4.77	cps
Uranium	238-1	4743	4184	4693	4540	6.81	cps
Vanadium	51-2	1607	1530	1493	1543	3.75	cps
Yttrium	89-1	16049146	16098567	16032031	16059914	0.22	cps
Yttrium	89-2	1915492	1919617	1932329	1922479	0.46	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-22DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-38-BR-0108201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 20:30:30	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2804	2614	2660	2693	3.68	cps
Zirconium	90-1	1575	1609	1583	1589	1.09	cps
Zirconium	91-1	425	308	358	364	16.09	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-24DLX2	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	2
Date & Time Acquired ::	2019-01-17 20:34:07	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	667	708	767	714	7.04	cps
Antimony	121-1	12272	10921	9512	10902	12.66	cps
Arsenic	75-2	383	367	381	377	2.42	cps
Barium	135-1	88833	89991	89605	89476	0.66	cps
Barium	137-1	154374	158469	157794	156879	1.40	cps
Beryllium	9-1	163	160	153	159	3.20	cps
Bismuth	209-1	14501954	14465455	14452614	14473341	0.18	cps
Bismuth	209-2	6931157	6934813	6958812	6941594	0.22	cps
Boron	10-1	703297	715828	740192	719772	2.61	cps
Boron	11-1	3422699	3496277	3532966	3483981	1.61	cps
Cadmium	111-1	4879	4356	4748	4661	5.84	cps
Cadmium	106-1	6635	5818	6502	6318	6.94	cps
Cadmium	108-1	129	113	129	124	7.79	cps
Calcium	43-1	1506706	1516175	1530116	1517666	0.78	cps
Calcium	44-1	24745834	24544918	24861125	24717292	0.65	cps
Chromium	52-2	68870	68029	69144	68681	0.85	cps
Cobalt	59-2	3984	4317	4301	4201	4.47	cps
Copper	63-2	18305	18395	18195	18298	0.55	cps
Dysprosium	156-1	92	67	75	78	16.37	cps
Dysprosium	156-2	47	27	37	37	27.27	cps
Erbium	164-1	150	167	225	181	21.81	cps
Erbium	164-2	77	87	90	84	8.22	cps
Gadolinium	160-1	217	158	242	206	20.80	cps
Gadolinium	160-2	270	257	230	252	8.07	cps
Holmium	165-1	23857044	23606139	23725057	23729413	0.53	cps
Holmium	165-2	10487476	10530618	10523727	10513940	0.22	cps
Indium	115-1	16093624	16260559	16321332	16225172	0.73	cps
Indium	115-2	2562432	2593046	2613290	2589589	0.99	cps
Iron	56-2	4141800	4170899	4145204	4152634	0.38	cps
Iron	57-2	108275	108940	107143	108119	0.84	cps
Krypton	83-1	940	910	833	894	6.15	cps
Lead	206-1	3256	3095	3389	3247	4.54	cps
Lead	207-1	2678	2700	2650	2676	0.94	cps
Lead	208-1	12525	12347	12480	12451	0.74	cps
Lithium	6-1	4239227	4241552	4275358	4252046	0.48	cps
Magnesium	24-2	3734361	3756335	3750512	3747069	0.30	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1089-24DLX2 Instrumnet Name : P7
 Client Sample ID : EPA-MW-38-OB-010820 Dilution Factor : 2
 Date & Time Acquired :: 2019-01-17 20:34:07 DataFile Name : 095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3171257	3169631	3172381	3171090	0.04	cps
Molybdenum	94-1	26843	28822	28029	27898	3.57	cps
Molybdenum	95-1	39556	40517	40450	40174	1.34	cps
Molybdenum	96-1	45315	42472	44613	44133	3.35	cps
Molybdenum	97-1	25632	25365	25131	25376	0.99	cps
Molybdenum	98-1	66154	66037	66682	66291	0.52	cps
Neodymium	150-1	47	33	33	38	20.39	cps
Neodymium	150-2	10	20	13	14	35.26	cps
Nickel	60-2	2810	2940	2844	2865	2.36	cps
Phosphorus	31-2	1225	1325	1450	1333	8.45	cps
Potassium	39-2	693885	698194	693850	695310	0.36	cps
Rhodium	103-1	14120991	14019376	14174673	14105013	0.56	cps
Rhodium	103-2	6226527	6252223	6237426	6238726	0.21	cps
Scandium	45-1	9107393	9114754	9147004	9123050	0.23	cps
Scandium	45-2	335327	333970	335405	334901	0.24	cps
Selenium	77-2	20	27	20	22	17.33	cps
Selenium	78-2	91	89	80	86	6.89	cps
Selenium	82-1	-57	-41	74	-8	-890.99	cps
Silicon	28-1	113116594	113648982	113915473	113560350	0.36	cps
Silver	109-1	2434	2092	2159	2228	8.13	cps
Silver	107-1	2684	2409	2409	2500	6.35	cps
Sodium	23-2	144757753	144651237	144103453	144504148	0.24	cps
Strontium	86-1	1895557	1893873	1908423	1899284	0.42	cps
Strontium	88-1	16635594	16636996	16711068	16661219	0.26	cps
Sulfur	34-1	715705	708125	718187	714006	0.73	cps
Terbium	159-1	23515176	23504663	23701227	23573689	0.47	cps
Terbium	159-2	10046036	10131500	10100839	10092792	0.43	cps
Thallium	203-1	2434	2225	2200	2286	5.60	cps
Thallium	205-1	5193	5410	4751	5118	6.56	cps
Thorium	232-1	939	911	1067	972	8.53	cps
Tin	118-1	4293	4251	4484	4343	2.87	cps
Titanium	47-1	3851	3667	3659	3726	2.91	cps
Uranium	238-1	66531	66606	67336	66824	0.67	cps
Vanadium	51-2	3881	3884	3864	3876	0.28	cps
Yttrium	89-1	15644331	15570543	15732971	15649282	0.52	cps
Yttrium	89-2	1852165	1855755	1871221	1859714	0.54	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1089-24DLX2	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-38-OB-010820	Dilution Factor :	2
Date & Time Acquired ::	2019-01-17 20:34:07	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4304	4334	4054	4231	3.63	cps
Zirconium	90-1	13499	14234	13324	13686	3.53	cps
Zirconium	91-1	3192	3151	3067	3137	2.03	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCV71 Instrumnet Name : P7
 Client Sample ID : CCV71 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 20:39:05 DataFile Name : 096CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10512987	10516792	10670448	10566742	0.85	cps
Antimony	121-1	9437582	9529832	9649100	9538838	1.11	cps
Arsenic	75-2	290179	293509	294716	292801	0.80	cps
Barium	135-1	13261088	13444818	13528073	13411326	1.02	cps
Barium	137-1	23278067	23498064	23817613	23531248	1.15	cps
Beryllium	9-1	2125114	2143076	2163361	2143850	0.89	cps
Bismuth	209-1	13074236	13165406	13236061	13158568	0.62	cps
Bismuth	209-2	6466644	6536861	6528277	6510594	0.59	cps
Boron	10-1	458564	465164	476051	466593	1.89	cps
Boron	11-1	2152630	2198402	2256597	2202543	2.37	cps
Cadmium	111-1	3384796	3429556	3431849	3415400	0.78	cps
Cadmium	106-1	371620	378764	381630	377338	1.37	cps
Cadmium	108-1	257353	256830	258094	257426	0.25	cps
Calcium	43-1	15256469	15387404	15592906	15412260	1.10	cps
Calcium	44-1	248231772	253875547	254993256	252366858	1.44	cps
Chromium	52-2	2922639	2943345	2980564	2948849	1.00	cps
Cobalt	59-2	4868352	4924373	4942215	4911647	0.78	cps
Copper	63-2	6678069	6714503	6760294	6717622	0.61	cps
Dysprosium	156-1	492	400	383	425	13.73	cps
Dysprosium	156-2	247	263	277	262	5.73	cps
Erbium	164-1	117	133	158	136	15.41	cps
Erbium	164-2	63	53	70	62	13.48	cps
Gadolinium	160-1	358	325	308	331	7.70	cps
Gadolinium	160-2	297	340	387	341	13.20	cps
Holmium	165-1	23102602	23337468	23323070	23254380	0.57	cps
Holmium	165-2	10706957	10793262	10806511	10768910	0.50	cps
Indium	115-1	15324481	15466534	15587003	15459339	0.85	cps
Indium	115-2	2651709	2661437	2659136	2657427	0.19	cps
Iron	56-2	636715014	638151348	645211570	640025977	0.71	cps
Iron	57-2	15642348	15767477	15871792	15760539	0.73	cps
Krypton	83-1	673	690	710	691	2.66	cps
Lead	206-1	9750172	9840845	9824009	9805009	0.49	cps
Lead	207-1	8662514	8723383	8717322	8701073	0.39	cps
Lead	208-1	38797187	38990621	38992954	38926921	0.29	cps
Lithium	6-1	4131627	4188943	4219830	4180133	1.07	cps
Magnesium	24-2	111777632	112688732	113399611	112621991	0.72	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:39:05	DataFile Name :	096CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3474923	3520356	3550477	3515252	1.08	cps
Molybdenum	94-1	21228329	21406708	21447843	21360960	0.55	cps
Molybdenum	95-1	25779465	26124065	26297813	26067114	1.01	cps
Molybdenum	96-1	28667817	28955109	29163131	28928686	0.86	cps
Molybdenum	97-1	16170580	16291882	16450075	16304179	0.86	cps
Molybdenum	98-1	42044954	42290337	42637073	42324121	0.70	cps
Neodymium	150-1	1460	1407	1560	1476	5.28	cps
Neodymium	150-2	210	223	183	206	9.91	cps
Nickel	60-2	1259193	1277202	1276187	1270861	0.80	cps
Phosphorus	31-2	103483	104792	105824	104699	1.12	cps
Potassium	39-2	48560064	48547504	49316456	48808008	0.90	cps
Rhodium	103-1	13067673	13209303	13202376	13159784	0.61	cps
Rhodium	103-2	6096535	6090329	6097837	6094900	0.07	cps
Scandium	45-1	9085424	9203244	9294236	9194301	1.14	cps
Scandium	45-2	369796	373371	375206	372791	0.74	cps
Selenium	77-2	8476	8446	8359	8427	0.72	cps
Selenium	78-2	28094	27860	28148	28034	0.55	cps
Selenium	82-1	209821	211389	213496	211568	0.87	cps
Silicon	28-1	6472636	6668500	6834760	6658632	2.72	cps
Silver	109-1	14115744	14173333	14291671	14193582	0.63	cps
Silver	107-1	14500172	14672710	14670144	14614342	0.68	cps
Sodium	23-2	207126921	207521325	208325359	207657869	0.29	cps
Strontium	86-1	3433246	3472535	3523295	3476359	1.30	cps
Strontium	88-1	29644628	30154976	30427523	30075709	1.32	cps
Sulfur	34-1	1618977	1647399	1648325	1638234	1.02	cps
Terbium	159-1	22969932	23159386	23187900	23105740	0.51	cps
Terbium	159-2	10313812	10343264	10359383	10338820	0.22	cps
Thallium	203-1	12152402	12212045	12243618	12202688	0.38	cps
Thallium	205-1	29170793	29305004	29439793	29305197	0.46	cps
Thorium	232-1	43179882	43546782	43632022	43452895	0.55	cps
Tin	118-1	9446918	9485043	9589419	9507127	0.78	cps
Titanium	47-1	7029098	7099157	7155950	7094735	0.90	cps
Uranium	238-1	42280685	42513845	42769317	42521282	0.57	cps
Vanadium	51-2	2306627	2333247	2352913	2330929	1.00	cps
Yttrium	89-1	15256444	15530765	15693734	15493648	1.43	cps
Yttrium	89-2	1987679	1993038	2001398	1994038	0.35	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P7
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:39:05	DataFile Name :	096CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	960321	973125	974637	969361	0.81	cps
Zirconium	90-1	17592770	17760713	17877688	17743724	0.81	cps
Zirconium	91-1	3953346	3962029	4000297	3971891	0.63	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB71 Instrumnet Name : P7
 Client Sample ID : CCB71 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 20:42:52 DataFile Name : 097CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	217	175	192	11.50	cps
Antimony	121-1	3626	3109	2942	3226	11.05	cps
Arsenic	75-2	33	22	41	32	29.04	cps
Barium	135-1	175	317	275	256	28.49	cps
Barium	137-1	467	525	442	478	8.95	cps
Beryllium	9-1	277	357	337	323	12.88	cps
Bismuth	209-1	15852119	16322956	17177696	16450924	4.08	cps
Bismuth	209-2	8832302	6584309	7539922	7652178	14.74	cps
Boron	10-1	16118	14658	13673	14816	8.30	cps
Boron	11-1	73906	68422	63977	68769	7.23	cps
Cadmium	111-1	4962	5573	5613	5382	6.77	cps
Cadmium	106-1	6794	7652	7727	7391	7.02	cps
Cadmium	108-1	50	67	25	47	44.41	cps
Calcium	43-1	442	458	425	442	3.77	cps
Calcium	44-1	13915	13165	13448	13510	2.81	cps
Chromium	52-2	2704	3014	2670	2796	6.77	cps
Cobalt	59-2	117	133	117	122	7.87	cps
Copper	63-2	4834	4854	4751	4813	1.14	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	58	142	142	114	42.24	cps
Erbium	164-2	37	27	17	27	37.50	cps
Gadolinium	160-1	167	150	142	153	8.33	cps
Gadolinium	160-2	340	220	287	282	21.30	cps
Holmium	165-1	24042825	24839570	25717689	24866695	3.37	cps
Holmium	165-2	12438308	9261757	10649013	10783026	14.77	cps
Indium	115-1	17483951	17838079	18762673	18028234	3.66	cps
Indium	115-2	3174928	2372524	2744514	2763989	14.53	cps
Iron	56-2	16482	15686	14914	15694	5.00	cps
Iron	57-2	394	378	311	361	12.21	cps
Krypton	83-1	693	720	690	701	2.35	cps
Lead	206-1	1561	1984	1784	1776	11.89	cps
Lead	207-1	1622	1478	1611	1571	5.12	cps
Lead	208-1	6779	6912	7034	6908	1.85	cps
Lithium	6-1	4490870	4629688	4811996	4644185	3.47	cps
Magnesium	24-2	1517	1692	1683	1631	6.05	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:42:52	DataFile Name :	097CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	337	333	320	330	2.67	cps
Molybdenum	94-1	3434	3017	2825	3092	10.06	cps
Molybdenum	95-1	4951	4067	3417	4145	18.57	cps
Molybdenum	96-1	5501	4601	3901	4668	17.19	cps
Molybdenum	97-1	3050	2317	2059	2475	20.79	cps
Molybdenum	98-1	7861	6377	5876	6705	15.39	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	137	120	110	122	11.02	cps
Phosphorus	31-2	100	142	92	111	24.11	cps
Potassium	39-2	21992	22935	21792	22240	2.75	cps
Rhodium	103-1	15676279	16093762	16824835	16198292	3.59	cps
Rhodium	103-2	7841668	5909919	6757018	6836202	14.16	cps
Scandium	45-1	9696989	10073641	10505763	10092131	4.01	cps
Scandium	45-2	407087	301108	343163	350453	15.23	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	80	61	83	75	15.94	cps
Selenium	82-1	65	42	62	56	22.33	cps
Silicon	28-1	358686	349642	346137	351488	1.84	cps
Silver	109-1	1467	1442	1300	1403	6.41	cps
Silver	107-1	1308	1400	1267	1325	5.15	cps
Sodium	23-2	55227	52518	53379	53708	2.58	cps
Strontium	86-1	1117	1183	1100	1133	3.89	cps
Strontium	88-1	917	950	850	906	5.62	cps
Sulfur	34-1	484857	483713	480896	483155	0.42	cps
Terbium	159-1	24217040	24636159	25925163	24926121	3.57	cps
Terbium	159-2	11949866	8937384	10266988	10384746	14.54	cps
Thallium	203-1	3901	3517	2900	3439	14.67	cps
Thallium	205-1	8653	7753	6927	7778	11.10	cps
Thorium	232-1	16339	13213	9826	13126	24.81	cps
Tin	118-1	3167	2850	3034	3017	5.27	cps
Titanium	47-1	417	417	433	422	2.28	cps
Uranium	238-1	1208	1033	983	1075	10.99	cps
Vanadium	51-2	60	53	83	66	24.03	cps
Yttrium	89-1	16598262	16975260	17796568	17123363	3.58	cps
Yttrium	89-2	2246154	1690267	1952226	1962882	14.17	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P7
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:42:52	DataFile Name :	097CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	510	460	570	513	10.73	cps
Zirconium	90-1	2192	1992	2017	2067	5.27	cps
Zirconium	91-1	392	492	425	436	11.68	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : PB116436BL Instrumnet Name : P7
 Client Sample ID : PB116436BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 20:46:28 DataFile Name : 098CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	58	83	92	41.66	cps
Antimony	121-1	1050	933	800	928	13.48	cps
Arsenic	75-2	26	20	13	20	32.94	cps
Barium	135-1	183	125	92	133	34.80	cps
Barium	137-1	150	183	125	153	19.15	cps
Beryllium	9-1	233	240	223	232	3.61	cps
Bismuth	209-1	15854838	15921121	15876496	15884152	0.21	cps
Bismuth	209-2	7986777	8035102	8003297	8008392	0.31	cps
Boron	10-1	8361	8586	7961	8303	3.82	cps
Boron	11-1	40421	38133	39243	39266	2.91	cps
Cadmium	111-1	5122	5210	5243	5192	1.20	cps
Cadmium	106-1	7160	7286	7344	7263	1.29	cps
Cadmium	108-1	33	21	21	25	28.87	cps
Calcium	43-1	283	275	292	283	2.94	cps
Calcium	44-1	11547	11588	11572	11569	0.18	cps
Chromium	52-2	3074	3047	2990	3037	1.40	cps
Cobalt	59-2	63	70	80	71	11.80	cps
Copper	63-2	4691	4531	4681	4634	1.93	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	108	117	92	106	12.06	cps
Erbium	164-2	47	33	50	43	20.36	cps
Gadolinium	160-1	133	233	258	208	31.75	cps
Gadolinium	160-2	253	260	227	247	7.15	cps
Holmium	165-1	24344169	24528602	24234821	24369197	0.61	cps
Holmium	165-2	11207852	11313021	11225926	11248933	0.50	cps
Indium	115-1	17553565	17564522	17530501	17549529	0.10	cps
Indium	115-2	2912370	2902553	2903598	2906173	0.19	cps
Iron	56-2	9025	9025	9109	9053	0.53	cps
Iron	57-2	189	172	172	178	5.41	cps
Krypton	83-1	597	690	727	671	9.99	cps
Lead	206-1	1717	1422	1589	1576	9.37	cps
Lead	207-1	1467	1522	1367	1452	5.43	cps
Lead	208-1	6395	6134	6434	6321	2.58	cps
Lithium	6-1	4567554	4546385	4554847	4556262	0.23	cps
Magnesium	24-2	625	700	633	653	6.30	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116436BL	Instrumnet Name :	P7
Client Sample ID :	PB116436BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:46:28	DataFile Name :	098CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	350	320	317	329	5.58	cps
Molybdenum	94-1	975	1092	1092	1053	6.40	cps
Molybdenum	95-1	1008	1025	992	1008	1.65	cps
Molybdenum	96-1	1158	1225	1167	1183	3.07	cps
Molybdenum	97-1	650	642	475	589	16.76	cps
Molybdenum	98-1	1408	1367	1225	1333	7.21	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	107	90	83	93	12.88	cps
Phosphorus	31-2	100	75	117	97	21.57	cps
Potassium	39-2	19764	19672	19981	19806	0.80	cps
Rhodium	103-1	15778058	15838116	15896590	15837588	0.37	cps
Rhodium	103-2	7160567	7161079	7107254	7142967	0.43	cps
Scandium	45-1	9759893	9807271	9798518	9788561	0.26	cps
Scandium	45-2	371296	368471	368457	369408	0.44	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	61	93	76	77	20.58	cps
Selenium	82-1	107	14	35	52	94.18	cps
Silicon	28-1	317394	315325	316059	316260	0.33	cps
Silver	109-1	892	808	742	814	9.23	cps
Silver	107-1	1025	1008	842	958	10.58	cps
Sodium	23-2	41717	41943	41166	41609	0.96	cps
Strontium	86-1	1050	1100	1142	1097	4.18	cps
Strontium	88-1	508	658	433	533	21.48	cps
Sulfur	34-1	479606	479861	479873	479780	0.03	cps
Terbium	159-1	24305227	24136637	24295515	24245793	0.39	cps
Terbium	159-2	10813959	10837543	10771407	10807636	0.31	cps
Thallium	203-1	1500	1525	1508	1511	0.84	cps
Thallium	205-1	3567	3817	3684	3690	3.39	cps
Thorium	232-1	4707	4173	4340	4406	6.19	cps
Tin	118-1	2234	1834	2217	2095	10.80	cps
Titanium	47-1	225	250	267	247	8.48	cps
Uranium	238-1	325	275	383	328	16.54	cps
Vanadium	51-2	30	43	30	34	22.34	cps
Yttrium	89-1	16576733	16560729	16605818	16581094	0.14	cps
Yttrium	89-2	2040870	2037664	2045547	2041360	0.19	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116436BL	Instrumnet Name :	P7
Client Sample ID :	PB116436BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:46:28	DataFile Name :	098CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1013	920	1023	986	5.78	cps
Zirconium	90-1	1667	1625	1542	1611	3.95	cps
Zirconium	91-1	367	292	433	364	19.48	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : PB116436BS Instrumnet Name : P7
 Client Sample ID : PB116436BS Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 20:50:05 DataFile Name : 099LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1884956	1894500	1898233	1892563	0.36	cps
Antimony	121-1	10384516	10337441	10330366	10350774	0.28	cps
Arsenic	75-2	308414	310943	311457	310271	0.53	cps
Barium	135-1	13952002	13843933	13920441	13905458	0.40	cps
Barium	137-1	24526923	24289192	24178750	24331622	0.73	cps
Beryllium	9-1	2281099	2285093	2275371	2280521	0.21	cps
Bismuth	209-1	14846098	14802781	14937504	14862127	0.46	cps
Bismuth	209-2	7307658	7429956	7342411	7360008	0.86	cps
Boron	10-1	484337	492158	490392	488962	0.84	cps
Boron	11-1	2270362	2295623	2327919	2297968	1.26	cps
Cadmium	111-1	3231208	3246678	3241263	3239716	0.24	cps
Cadmium	106-1	360614	364546	361766	362309	0.56	cps
Cadmium	108-1	244911	246812	246621	246115	0.43	cps
Calcium	43-1	3264917	3258790	3255753	3259820	0.14	cps
Calcium	44-1	53010378	52956924	52500854	52822719	0.53	cps
Chromium	52-2	2862045	2884243	2882283	2876190	0.43	cps
Cobalt	59-2	4961280	5011720	4988293	4987098	0.51	cps
Copper	63-2	7172892	7166118	7171901	7170303	0.05	cps
Dysprosium	156-1	342	300	317	319	6.56	cps
Dysprosium	156-2	147	213	150	170	22.10	cps
Erbium	164-1	75	92	92	86	11.18	cps
Erbium	164-2	50	37	47	44	15.61	cps
Gadolinium	160-1	175	108	167	150	24.22	cps
Gadolinium	160-2	247	260	327	278	15.43	cps
Holmium	165-1	24151170	24057383	24254845	24154466	0.41	cps
Holmium	165-2	10865117	11217687	10954975	11012593	1.66	cps
Indium	115-1	16732069	16463025	16603237	16599443	0.81	cps
Indium	115-2	2697672	2785878	2734596	2739382	1.62	cps
Iron	56-2	129501967	129736920	129365528	129534805	0.15	cps
Iron	57-2	3164789	3163815	3172249	3166951	0.15	cps
Krypton	83-1	740	747	770	752	2.09	cps
Lead	206-1	10415829	10460051	10422234	10432704	0.23	cps
Lead	207-1	9238351	9302352	9242505	9261070	0.39	cps
Lead	208-1	41402007	41504321	41589398	41498575	0.23	cps
Lithium	6-1	4455171	4442724	4405857	4434584	0.58	cps
Magnesium	24-2	23123960	23134073	23149883	23135972	0.06	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116436BS	Instrumnet Name :	P7
Client Sample ID :	PB116436BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:50:05	DataFile Name :	099LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3496517	3533985	3540300	3523601	0.67	cps
Molybdenum	94-1	22020465	21674340	21781285	21825363	0.81	cps
Molybdenum	95-1	26925097	26673085	26639851	26746011	0.58	cps
Molybdenum	96-1	29758406	29649758	29395890	29601351	0.63	cps
Molybdenum	97-1	16726399	16587510	16628333	16647414	0.43	cps
Molybdenum	98-1	43475700	43415452	43384744	43425299	0.11	cps
Neodymium	150-1	1193	1293	1300	1262	4.73	cps
Neodymium	150-2	93	83	107	94	12.40	cps
Nickel	60-2	1307536	1318170	1319076	1314927	0.49	cps
Phosphorus	31-2	104036	102768	105909	104238	1.52	cps
Potassium	39-2	9419819	9452618	9436153	9436197	0.17	cps
Rhodium	103-1	14704142	14656609	14685354	14682035	0.16	cps
Rhodium	103-2	6468951	6619640	6503391	6530661	1.21	cps
Scandium	45-1	9562070	9527429	9563622	9551040	0.21	cps
Scandium	45-2	359548	372405	363497	365150	1.80	cps
Selenium	77-2	8960	9216	9143	9106	1.45	cps
Selenium	78-2	30744	31152	31081	30992	0.70	cps
Selenium	82-1	240038	241193	241001	240744	0.26	cps
Silicon	28-1	6690044	6695295	6743542	6709627	0.44	cps
Silver	109-1	14814786	14713882	14683150	14737273	0.47	cps
Silver	107-1	15340282	15157284	15131572	15209712	0.75	cps
Sodium	23-2	40588253	40758998	40905188	40750813	0.39	cps
Strontium	86-1	3515966	3507542	3523227	3515578	0.22	cps
Strontium	88-1	31179224	30956393	30953158	31029592	0.42	cps
Sulfur	34-1	1688283	1674802	1676215	1679767	0.44	cps
Terbium	159-1	24069937	24047355	24227118	24114803	0.41	cps
Terbium	159-2	10429961	10729265	10536312	10565179	1.44	cps
Thallium	203-1	12973190	12869988	12947374	12930184	0.42	cps
Thallium	205-1	30777144	30827835	30918968	30841316	0.23	cps
Thorium	232-1	44045484	43477891	43913423	43812266	0.68	cps
Tin	118-1	10030855	9911894	9877347	9940032	0.81	cps
Titanium	47-1	7213324	7253038	7202328	7222897	0.37	cps
Uranium	238-1	42579557	42673629	43235167	42829451	0.83	cps
Vanadium	51-2	2236762	2258525	2244914	2246734	0.49	cps
Yttrium	89-1	16299773	16201841	16231131	16244248	0.31	cps
Yttrium	89-2	1973602	2016045	2000514	1996720	1.08	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	PB116436BS	Instrumnet Name :	P7
Client Sample ID :	PB116436BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:50:05	DataFile Name :	099LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1088654	1101034	1097434	1095707	0.58	cps
Zirconium	90-1	18166778	17998983	18022759	18062840	0.50	cps
Zirconium	91-1	3991527	4019759	3996983	4002756	0.37	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-02	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:53:43	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3150	3342	3426	3306	4.27	cps
Antimony	121-1	4067	3792	3175	3678	12.42	cps
Arsenic	75-2	80	59	50	63	24.07	cps
Barium	135-1	17879	15451	15451	16260	8.62	cps
Barium	137-1	30443	28672	27019	28711	5.96	cps
Beryllium	9-1	620	500	393	504	22.48	cps
Bismuth	209-1	17717332	17734063	17700781	17717392	0.09	cps
Bismuth	209-2	8775731	8701553	8643642	8706975	0.76	cps
Boron	10-1	12656	12856	12022	12511	3.48	cps
Boron	11-1	63208	58012	56548	59256	5.91	cps
Cadmium	111-1	5985	6157	6433	6191	3.65	cps
Cadmium	106-1	7202	7661	8144	7669	6.14	cps
Cadmium	108-1	158	92	92	114	33.80	cps
Calcium	43-1	6152	5651	5226	5676	8.16	cps
Calcium	44-1	102529	98317	94853	98567	3.90	cps
Chromium	52-2	267460	267303	268196	267653	0.18	cps
Cobalt	59-2	880	797	843	840	4.97	cps
Copper	63-2	1493922	1495039	1493440	1494134	0.05	cps
Dysprosium	156-1	1200	1317	1467	1328	10.07	cps
Dysprosium	156-2	523	560	540	541	3.39	cps
Erbium	164-1	1192	1217	1308	1239	4.96	cps
Erbium	164-2	513	510	520	514	0.99	cps
Gadolinium	160-1	1417	1550	1400	1456	5.65	cps
Gadolinium	160-2	843	930	887	887	4.89	cps
Holmium	165-1	26186393	26253701	26040210	26160101	0.42	cps
Holmium	165-2	12000363	11881349	11817871	11899861	0.78	cps
Indium	115-1	19138451	18907783	18787125	18944453	0.94	cps
Indium	115-2	3089313	3077072	3049825	3072070	0.66	cps
Iron	56-2	232838	228515	231123	230825	0.94	cps
Iron	57-2	5774	5729	6024	5842	2.72	cps
Krypton	83-1	650	677	687	671	2.82	cps
Lead	206-1	58903	57743	57413	58020	1.35	cps
Lead	207-1	47480	46533	45663	46559	1.95	cps
Lead	208-1	222207	218866	214585	218553	1.75	cps
Lithium	6-1	4935289	4902199	4888002	4908497	0.49	cps
Magnesium	24-2	2375	1967	2209	2184	9.40	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-02	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:53:43	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3747	3617	3867	3744	3.34	cps
Molybdenum	94-1	7019	5009	3709	5246	31.79	cps
Molybdenum	95-1	9687	6877	4993	7186	32.88	cps
Molybdenum	96-1	10112	7669	5951	7911	26.43	cps
Molybdenum	97-1	5518	4609	3317	4481	24.68	cps
Molybdenum	98-1	15075	11338	8720	11711	27.27	cps
Neodymium	150-1	1387	1500	1447	1445	3.93	cps
Neodymium	150-2	497	537	493	509	4.74	cps
Nickel	60-2	4788	4874	5148	4936	3.81	cps
Phosphorus	31-2	108	92	125	108	15.39	cps
Potassium	39-2	21558	21700	22117	21792	1.33	cps
Rhodium	103-1	17028980	17000469	16835436	16954961	0.62	cps
Rhodium	103-2	7625435	7567288	7431880	7541534	1.32	cps
Scandium	45-1	10576344	10461597	10439569	10492503	0.70	cps
Scandium	45-2	388076	389877	384296	387416	0.74	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	81	78	69	76	8.79	cps
Selenium	82-1	97	73	29	66	51.58	cps
Silicon	28-1	498352	495717	497088	497052	0.27	cps
Silver	109-1	3209	2834	2075	2706	21.34	cps
Silver	107-1	3284	2992	2634	2970	10.97	cps
Sodium	23-2	64682	63485	63200	63789	1.23	cps
Strontium	86-1	2692	2567	2275	2511	8.51	cps
Strontium	88-1	14258	13457	11714	13143	9.90	cps
Sulfur	34-1	892675	888387	881183	887415	0.65	cps
Terbium	159-1	26211870	26084272	25975926	26090689	0.45	cps
Terbium	159-2	11630484	11507404	11398586	11512158	1.01	cps
Thallium	203-1	4776	3909	3084	3923	21.57	cps
Thallium	205-1	11380	9537	7061	9326	23.24	cps
Thorium	232-1	8220	5896	3967	6028	35.32	cps
Tin	118-1	5735	4976	3992	4901	17.82	cps
Titanium	47-1	1233	892	550	892	38.32	cps
Uranium	238-1	7211	4176	2942	4776	45.99	cps
Vanadium	51-2	300	213	290	268	17.71	cps
Yttrium	89-1	18075973	17925694	17786768	17929478	0.81	cps
Yttrium	89-2	2178538	2161321	2136168	2158676	0.99	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-02	Instrumnet Name :	P7
Client Sample ID :	EB-01092019-01-FF	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:53:43	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	316184	314154	312700	314346	0.56	cps
Zirconium	90-1	3759	2684	2009	2817	31.34	cps
Zirconium	91-1	733	567	442	581	25.21	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-04 Instrumnet Name : P7
 Client Sample ID : EPA-EX-1-OB-01092019 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 20:57:19 DataFile Name : 101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	850	792	700	781	9.69	cps
Antimony	121-1	25750	20382	17787	21306	19.06	cps
Arsenic	75-2	709	685	733	709	3.39	cps
Barium	135-1	175383	177704	179476	177521	1.16	cps
Barium	137-1	310010	313704	311336	311684	0.60	cps
Beryllium	9-1	260	240	190	230	15.68	cps
Bismuth	209-1	13500533	13877788	13780396	13719572	1.43	cps
Bismuth	209-2	6767873	6755138	6754714	6759242	0.11	cps
Boron	10-1	1110604	1134592	1147842	1131013	1.67	cps
Boron	11-1	5349962	5455077	5556554	5453864	1.89	cps
Cadmium	111-1	5675	5367	5306	5449	3.62	cps
Cadmium	106-1	6568	6010	6118	6232	4.75	cps
Cadmium	108-1	200	117	133	150	29.40	cps
Calcium	43-1	3041133	3099910	3123169	3088071	1.37	cps
Calcium	44-1	49191726	49870125	49995038	49685630	0.87	cps
Chromium	52-2	254495	254964	253088	254182	0.38	cps
Cobalt	59-2	2380	2564	2457	2467	3.73	cps
Copper	63-2	15158	15585	15822	15522	2.17	cps
Dysprosium	156-1	192	192	150	178	13.53	cps
Dysprosium	156-2	43	67	83	64	31.18	cps
Erbium	164-1	350	325	325	333	4.33	cps
Erbium	164-2	127	150	157	144	10.91	cps
Gadolinium	160-1	242	225	308	258	17.07	cps
Gadolinium	160-2	277	240	247	254	7.68	cps
Holmium	165-1	22112560	22533181	22950993	22532245	1.86	cps
Holmium	165-2	10205272	10248449	10289322	10247681	0.41	cps
Indium	115-1	15285059	15408165	15748897	15480707	1.55	cps
Indium	115-2	2506309	2526991	2541257	2524852	0.70	cps
Iron	56-2	365842	363855	363279	364326	0.37	cps
Iron	57-2	18746	19191	19402	19113	1.75	cps
Krypton	83-1	1267	1283	1150	1233	5.89	cps
Lead	206-1	3740	3389	3256	3462	7.21	cps
Lead	207-1	3351	2795	2706	2950	11.84	cps
Lead	208-1	14798	13481	12847	13709	7.26	cps
Lithium	6-1	4256447	4301809	4315361	4291206	0.72	cps
Magnesium	24-2	6051490	6054463	5993606	6033186	0.57	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-04 Instrumnet Name : P7
 Client Sample ID : EPA-EX-1-OB-01092019 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 20:57:19 DataFile Name : 101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4882772	4867332	4891361	4880488	0.25	cps
Molybdenum	94-1	31211	31202	31828	31414	1.14	cps
Molybdenum	95-1	50223	50917	51979	51039	1.73	cps
Molybdenum	96-1	55316	54538	55785	55213	1.14	cps
Molybdenum	97-1	32571	31594	33073	32413	2.32	cps
Molybdenum	98-1	83888	84156	82749	83598	0.89	cps
Neodymium	150-1	80	160	180	140	37.80	cps
Neodymium	150-2	33	50	30	38	28.37	cps
Nickel	60-2	4131	4331	4127	4196	2.78	cps
Phosphorus	31-2	383	408	475	422	11.22	cps
Potassium	39-2	3170428	3182258	3188678	3180455	0.29	cps
Rhodium	103-1	13261378	13429325	13542998	13411234	1.06	cps
Rhodium	103-2	6036680	6074500	6055866	6055682	0.31	cps
Scandium	45-1	8786955	8892900	8959238	8879698	0.98	cps
Scandium	45-2	329312	331590	332746	331216	0.53	cps
Selenium	77-2	37	23	33	31	22.31	cps
Selenium	78-2	115	111	111	112	1.91	cps
Selenium	82-1	-226	-307	-144	-226	-36.13	cps
Silicon	28-1	130478057	130860165	131648749	130995657	0.46	cps
Silver	109-1	7369	5835	4326	5843	26.04	cps
Silver	107-1	7002	6268	4918	6063	17.44	cps
Sodium	23-2	156673474	156474479	155963295	156370416	0.23	cps
Strontium	86-1	2170350	2212044	2225292	2202562	1.30	cps
Strontium	88-1	18973400	19193434	19335925	19167586	0.95	cps
Sulfur	34-1	1919078	1925735	1945957	1930257	0.73	cps
Terbium	159-1	22068900	22576623	22828407	22491310	1.72	cps
Terbium	159-2	9790056	9894063	9876273	9853464	0.56	cps
Thallium	203-1	12081	8903	7302	9429	25.80	cps
Thallium	205-1	28674	21452	17053	22393	26.20	cps
Thorium	232-1	5668	5312	4979	5320	6.48	cps
Tin	118-1	9962	10187	10421	10190	2.25	cps
Titanium	47-1	5418	5826	5551	5599	3.72	cps
Uranium	238-1	190293	194382	192374	192350	1.06	cps
Vanadium	51-2	2394	2537	2640	2524	4.91	cps
Yttrium	89-1	14850424	15027193	15261321	15046313	1.37	cps
Yttrium	89-2	1815889	1819406	1832560	1822618	0.48	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-04	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-1-OB-01092019	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 20:57:19	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2697	2620	2704	2674	1.73	cps
Zirconium	90-1	6393	8983	8201	7859	16.90	cps
Zirconium	91-1	1358	1450	1634	1481	9.46	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-06 Instrumnet Name : P7
 Client Sample ID : EPA-EX-2-OB-01092019 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:01:00 DataFile Name : 102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116081	112647	113319	114016	1.60	cps
Antimony	121-1	18780	19189	19489	19153	1.86	cps
Arsenic	75-2	374	374	389	379	2.26	cps
Barium	135-1	94889	95225	93565	94560	0.93	cps
Barium	137-1	162728	162330	162562	162540	0.12	cps
Beryllium	9-1	2474	2140	2324	2312	7.22	cps
Bismuth	209-1	14315797	14401358	14119241	14278799	1.01	cps
Bismuth	209-2	6858272	6811683	6796469	6822141	0.47	cps
Boron	10-1	488564	492460	487032	489352	0.57	cps
Boron	11-1	2385777	2401296	2367664	2384912	0.71	cps
Cadmium	111-1	32612	32727	31116	32151	2.80	cps
Cadmium	106-1	9262	9454	8161	8959	7.79	cps
Cadmium	108-1	1854	1942	2021	1939	4.30	cps
Calcium	43-1	2052762	2048455	2016711	2039309	0.97	cps
Calcium	44-1	32931948	33062349	32388741	32794346	1.09	cps
Chromium	52-2	143449311	142356451	141786298	142530687	0.59	cps
Cobalt	59-2	56124	55498	55632	55751	0.59	cps
Copper	63-2	4162199	4124028	4131600	4139276	0.49	cps
Dysprosium	156-1	16127	16811	16152	16363	2.37	cps
Dysprosium	156-2	7609	7419	7812	7613	2.59	cps
Erbium	164-1	17645	18104	17161	17637	2.67	cps
Erbium	164-2	7822	7526	7335	7561	3.25	cps
Gadolinium	160-1	18046	17912	17896	17951	0.46	cps
Gadolinium	160-2	8913	9026	9333	9091	2.39	cps
Holmium	165-1	22856555	23149324	22567143	22857674	1.27	cps
Holmium	165-2	10057936	10039701	9883462	9993700	0.96	cps
Indium	115-1	15454072	15578370	15262048	15431496	1.03	cps
Indium	115-2	2426737	2440481	2414807	2427342	0.53	cps
Iron	56-2	92697	91824	91489	92003	0.68	cps
Iron	57-2	8275	8336	8052	8221	1.81	cps
Krypton	83-1	1170	1260	1053	1161	8.92	cps
Lead	206-1	5157	4673	4984	4938	4.96	cps
Lead	207-1	4256	4240	4167	4221	1.12	cps
Lead	208-1	19845	19084	19111	19347	2.23	cps
Lithium	6-1	4045635	4052256	3936804	4011565	1.62	cps
Magnesium	24-2	2191696	2173638	2160849	2175394	0.71	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-06 Instrumnet Name : P7
 Client Sample ID : EPA-EX-2-OB-01092019 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:01:00 DataFile Name : 102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1386691	1383797	1373921	1381470	0.48	cps
Molybdenum	94-1	16786	16502	16335	16541	1.38	cps
Molybdenum	95-1	28204	27218	26785	27402	2.65	cps
Molybdenum	96-1	29181	30150	29348	29559	1.75	cps
Molybdenum	97-1	16944	17111	17228	17094	0.83	cps
Molybdenum	98-1	43751	43952	44771	44158	1.22	cps
Neodymium	150-1	17492	17658	17438	17530	0.65	cps
Neodymium	150-2	5631	5895	5558	5695	3.11	cps
Nickel	60-2	126943	126678	127233	126951	0.22	cps
Phosphorus	31-2	142	175	150	156	11.15	cps
Potassium	39-2	1048680	1040392	1033022	1040698	0.75	cps
Rhodium	103-1	13510616	13614273	13315736	13480208	1.12	cps
Rhodium	103-2	5832036	5869742	5744933	5815570	1.10	cps
Scandium	45-1	8517702	8568872	8342710	8476428	1.40	cps
Scandium	45-2	301718	305386	296983	301363	1.40	cps
Selenium	77-2	70	87	57	71	21.14	cps
Selenium	78-2	150	181	172	168	9.64	cps
Selenium	82-1	756	804	1153	904	23.95	cps
Silicon	28-1	169823995	169542887	166792758	168719880	0.99	cps
Silver	109-1	5785	5460	5318	5521	4.34	cps
Silver	107-1	5493	5576	5326	5465	2.33	cps
Sodium	23-2	82944850	82812241	81737002	82498031	0.80	cps
Strontium	86-1	279039	281509	271290	277279	1.92	cps
Strontium	88-1	2450943	2455099	2361321	2422454	2.19	cps
Sulfur	34-1	2755582	2740041	2703327	2732983	0.98	cps
Terbium	159-1	22709734	23161141	22578291	22816389	1.34	cps
Terbium	159-2	9610627	9607578	9569174	9595793	0.24	cps
Thallium	203-1	3376	3226	2875	3159	8.13	cps
Thallium	205-1	8203	8295	7227	7908	7.48	cps
Thorium	232-1	3251	3217	3034	3167	3.68	cps
Tin	118-1	8295	8803	8711	8603	3.15	cps
Titanium	47-1	5034	5268	4926	5076	3.44	cps
Uranium	238-1	6185	5893	5902	5993	2.77	cps
Vanadium	51-2	947	963	1023	978	4.12	cps
Yttrium	89-1	14990468	15220855	14553972	14921765	2.27	cps
Yttrium	89-2	1765056	1745648	1728417	1746374	1.05	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-06	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-2-OB-01092019	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:01:00	DataFile Name :	102SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	88064	88593	88054	88237	0.35	cps
Zirconium	90-1	3526	3967	3609	3701	6.34	cps
Zirconium	91-1	750	558	775	694	17.07	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:04:40 DataFile Name : 103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	300	300	294	3.27	cps
Antimony	121-1	17236	16260	16452	16649	3.11	cps
Arsenic	75-2	502	507	511	507	0.92	cps
Barium	135-1	1017347	1010294	995530	1007723	1.10	cps
Barium	137-1	1776690	1758389	1760667	1765249	0.57	cps
Beryllium	9-1	247	213	237	232	7.37	cps
Bismuth	209-1	14315011	14263153	14421929	14333364	0.56	cps
Bismuth	209-2	6793608	6705988	6676893	6725497	0.90	cps
Boron	10-1	57996	56439	57435	57290	1.38	cps
Boron	11-1	276611	271310	271353	273092	1.12	cps
Cadmium	111-1	4404	4768	4647	4606	4.03	cps
Cadmium	106-1	5743	6352	6218	6104	5.24	cps
Cadmium	108-1	42	58	50	50	16.66	cps
Calcium	43-1	5243503	5214843	5247972	5235439	0.34	cps
Calcium	44-1	86282723	85361212	86434596	86026177	0.68	cps
Chromium	52-2	9119636	9041014	8993926	9051526	0.70	cps
Cobalt	59-2	1080	1150	997	1076	7.14	cps
Copper	63-2	30265	30061	29610	29979	1.12	cps
Dysprosium	156-1	167	150	117	144	17.63	cps
Dysprosium	156-2	70	73	100	81	20.27	cps
Erbium	164-1	600	642	717	653	9.06	cps
Erbium	164-2	217	237	267	240	10.49	cps
Gadolinium	160-1	267	342	308	306	12.30	cps
Gadolinium	160-2	310	257	270	279	9.95	cps
Holmium	165-1	22940095	22824022	22684677	22816265	0.56	cps
Holmium	165-2	9933208	9898670	9844888	9892255	0.45	cps
Indium	115-1	15565632	15483158	15568222	15539004	0.31	cps
Indium	115-2	2410500	2391380	2381440	2394440	0.62	cps
Iron	56-2	35805	36295	35833	35978	0.77	cps
Iron	57-2	16721	17439	17010	17057	2.12	cps
Krypton	83-1	950	930	1010	963	4.32	cps
Lead	206-1	2534	2862	2761	2719	6.18	cps
Lead	207-1	2489	2411	2300	2400	3.96	cps
Lead	208-1	10869	10474	10641	10661	1.86	cps
Lithium	6-1	4014808	3985342	4009905	4003352	0.39	cps
Magnesium	24-2	7318114	7295876	7176154	7263382	1.05	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:04:40 DataFile Name : 103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2304	1940	2184	2142	8.64	cps
Molybdenum	94-1	4109	4226	4243	4192	1.73	cps
Molybdenum	95-1	6485	6001	6477	6321	4.38	cps
Molybdenum	96-1	6660	6485	7010	6719	3.98	cps
Molybdenum	97-1	3692	4076	3734	3834	5.49	cps
Molybdenum	98-1	10062	10004	9645	9904	2.28	cps
Neodymium	150-1	153	160	167	160	4.17	cps
Neodymium	150-2	37	23	50	37	36.37	cps
Nickel	60-2	5438	5504	5278	5407	2.16	cps
Phosphorus	31-2	158	192	250	200	23.20	cps
Potassium	39-2	532486	527181	528611	529426	0.52	cps
Rhodium	103-1	13424646	13336590	13412633	13391290	0.36	cps
Rhodium	103-2	5751999	5695213	5689409	5712207	0.61	cps
Scandium	45-1	8489698	8418983	8429536	8446072	0.45	cps
Scandium	45-2	302482	296737	293463	297561	1.53	cps
Selenium	77-2	50	57	53	53	6.25	cps
Selenium	78-2	167	159	143	156	7.90	cps
Selenium	82-1	888	966	791	882	9.94	cps
Silicon	28-1	72768056	72724318	72528835	72673736	0.18	cps
Silver	109-1	1200	1225	1217	1214	1.05	cps
Silver	107-1	1508	1225	1242	1325	12.00	cps
Sodium	23-2	47303674	47310498	46519960	47044711	0.97	cps
Strontium	86-1	922132	904260	911382	912591	0.99	cps
Strontium	88-1	7935392	7905786	7865323	7902167	0.45	cps
Sulfur	34-1	1332914	1327344	1338002	1332753	0.40	cps
Terbium	159-1	22797233	22639995	22966952	22801393	0.72	cps
Terbium	159-2	9589874	9455597	9449459	9498310	0.84	cps
Thallium	203-1	2125	2067	1675	1956	12.51	cps
Thallium	205-1	4809	4618	4334	4587	5.21	cps
Thorium	232-1	2211	1945	2150	2102	6.65	cps
Tin	118-1	8445	8369	8603	8472	1.41	cps
Titanium	47-1	2817	2384	2842	2681	9.61	cps
Uranium	238-1	21819	21460	22212	21830	1.72	cps
Vanadium	51-2	4461	4634	4274	4456	4.04	cps
Yttrium	89-1	14801986	14733166	14732969	14756040	0.27	cps
Yttrium	89-2	1707937	1700266	1682900	1697034	0.76	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:04:40	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6298	6218	6128	6215	1.37	cps
Zirconium	90-1	1525	1300	1650	1492	11.89	cps
Zirconium	91-1	325	267	375	322	16.83	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08DUP Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:08:16 DataFile Name : 104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	292	275	328	23.62	cps
Antimony	121-1	15751	15943	15726	15807	0.75	cps
Arsenic	75-2	565	437	483	495	13.07	cps
Barium	135-1	984238	990942	992237	989139	0.43	cps
Barium	137-1	1732731	1729248	1724360	1728780	0.24	cps
Beryllium	9-1	160	160	153	158	2.44	cps
Bismuth	209-1	14148045	14155158	14091573	14131592	0.25	cps
Bismuth	209-2	6678257	6639001	6631620	6649626	0.38	cps
Boron	10-1	47308	48186	47216	47570	1.13	cps
Boron	11-1	226794	228679	229235	228236	0.56	cps
Cadmium	111-1	4610	4138	4589	4446	6.00	cps
Cadmium	106-1	6202	5610	6210	6007	5.73	cps
Cadmium	108-1	50	50	42	47	10.18	cps
Calcium	43-1	5029310	5074120	5061109	5054846	0.46	cps
Calcium	44-1	82298662	83141554	82585673	82675296	0.52	cps
Chromium	52-2	8717979	8621109	8723051	8687379	0.66	cps
Cobalt	59-2	1027	977	1103	1036	6.16	cps
Copper	63-2	29049	27981	29062	28697	2.16	cps
Dysprosium	156-1	175	167	183	175	4.76	cps
Dysprosium	156-2	97	107	67	90	23.13	cps
Erbium	164-1	550	450	525	508	10.24	cps
Erbium	164-2	330	270	303	301	9.98	cps
Gadolinium	160-1	325	317	367	336	7.97	cps
Gadolinium	160-2	300	260	347	302	14.35	cps
Holmium	165-1	22377418	22669811	22777907	22608379	0.92	cps
Holmium	165-2	9809835	9844118	9750765	9801573	0.48	cps
Indium	115-1	15113048	15259402	15150068	15174173	0.50	cps
Indium	115-2	2336969	2358556	2339685	2345070	0.50	cps
Iron	56-2	34675	34881	35126	34894	0.65	cps
Iron	57-2	15842	15831	16738	16137	3.22	cps
Krypton	83-1	977	867	1010	951	7.89	cps
Lead	206-1	2795	2589	2550	2645	4.97	cps
Lead	207-1	2411	2067	2006	2161	10.12	cps
Lead	208-1	10469	10263	9968	10233	2.46	cps
Lithium	6-1	3875649	3893077	3868189	3878972	0.33	cps
Magnesium	24-2	7016318	6944063	6983452	6981278	0.52	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08DUP Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:08:16 DataFile Name : 104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1860	2044	2077	1994	5.85	cps
Molybdenum	94-1	3801	3601	4159	3853	7.34	cps
Molybdenum	95-1	5818	6010	5826	5885	1.84	cps
Molybdenum	96-1	6477	6860	6894	6744	3.44	cps
Molybdenum	97-1	3609	4101	3509	3740	8.47	cps
Molybdenum	98-1	9070	9604	9912	9529	4.47	cps
Neodymium	150-1	200	160	100	153	32.83	cps
Neodymium	150-2	27	33	33	31	12.36	cps
Nickel	60-2	5421	5294	5231	5315	1.82	cps
Phosphorus	31-2	200	192	258	217	16.77	cps
Potassium	39-2	510866	505070	510827	508921	0.66	cps
Rhodium	103-1	13073305	13176502	13142941	13130916	0.40	cps
Rhodium	103-2	5561206	5618530	5548535	5576090	0.67	cps
Scandium	45-1	8049300	8100926	8111201	8087143	0.41	cps
Scandium	45-2	286398	289216	286374	287329	0.57	cps
Selenium	77-2	53	37	40	43	20.34	cps
Selenium	78-2	196	156	194	182	12.63	cps
Selenium	82-1	793	919	609	773	20.16	cps
Silicon	28-1	69724327	69712362	69420612	69619100	0.25	cps
Silver	109-1	1100	950	1000	1017	7.51	cps
Silver	107-1	900	1200	975	1025	15.23	cps
Sodium	23-2	45120241	45058591	45349396	45176076	0.34	cps
Strontium	86-1	883037	892340	885173	886850	0.55	cps
Strontium	88-1	7677934	7691585	7744055	7704525	0.45	cps
Sulfur	34-1	1306848	1307835	1295816	1303500	0.51	cps
Terbium	159-1	22356842	22503931	22587808	22482860	0.52	cps
Terbium	159-2	9406511	9404759	9329669	9380313	0.47	cps
Thallium	203-1	1483	1317	1400	1400	5.95	cps
Thallium	205-1	3292	3409	3176	3292	3.54	cps
Thorium	232-1	1706	1439	1450	1532	9.85	cps
Tin	118-1	7627	7894	8311	7944	4.34	cps
Titanium	47-1	2292	2717	3001	2670	13.37	cps
Uranium	238-1	22195	22254	21360	21936	2.28	cps
Vanadium	51-2	4437	4114	4521	4357	4.93	cps
Yttrium	89-1	14358435	14427315	14421697	14402482	0.27	cps
Yttrium	89-2	1649508	1637197	1649529	1645411	0.43	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08DUP	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:08:16	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6038	6128	6195	6120	1.29	cps
Zirconium	90-1	1325	1583	1609	1506	10.42	cps
Zirconium	91-1	292	325	475	364	26.84	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08LX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:11:53 DataFile Name : 105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	100	83	83	20.00	cps
Antimony	121-1	4584	4626	4551	4587	0.82	cps
Arsenic	75-2	130	109	107	115	10.68	cps
Barium	135-1	203130	204567	203254	203651	0.39	cps
Barium	137-1	354234	354329	357204	355256	0.48	cps
Beryllium	9-1	143	150	153	149	3.42	cps
Bismuth	209-1	15531479	14864443	15206555	15200826	2.19	cps
Bismuth	209-2	7185564	7265177	7583739	7344827	2.87	cps
Boron	10-1	15817	15692	15917	15809	0.71	cps
Boron	11-1	74258	74534	72190	73661	1.74	cps
Cadmium	111-1	4715	4209	4080	4335	7.74	cps
Cadmium	106-1	6619	5860	5718	6065	7.98	cps
Cadmium	108-1	38	25	21	28	31.23	cps
Calcium	43-1	1049414	1041293	1028059	1039588	1.04	cps
Calcium	44-1	16795598	16896017	16794775	16828797	0.35	cps
Chromium	52-2	1834064	1831812	1811495	1825790	0.68	cps
Cobalt	59-2	283	270	207	253	16.17	cps
Copper	63-2	10824	11141	11081	11015	1.53	cps
Dysprosium	156-1	58	42	50	50	16.67	cps
Dysprosium	156-2	23	13	40	26	52.73	cps
Erbium	164-1	208	150	175	178	16.46	cps
Erbium	164-2	80	57	67	68	17.27	cps
Gadolinium	160-1	150	133	200	161	21.53	cps
Gadolinium	160-2	233	237	270	247	8.22	cps
Holmium	165-1	23579964	22195625	22888290	22887960	3.02	cps
Holmium	165-2	9939815	10133836	10695654	10256435	3.83	cps
Indium	115-1	16189494	15317975	15739919	15749129	2.77	cps
Indium	115-2	2424136	2471815	2608790	2501580	3.83	cps
Iron	56-2	11060	11355	11288	11234	1.37	cps
Iron	57-2	3478	3612	3378	3489	3.36	cps
Krypton	83-1	660	680	617	652	4.96	cps
Lead	206-1	1311	1350	1206	1289	5.80	cps
Lead	207-1	1189	1156	922	1089	13.34	cps
Lead	208-1	5328	5095	4556	4993	7.93	cps
Lithium	6-1	3926440	3759679	3858094	3848071	2.18	cps
Magnesium	24-2	1444392	1447785	1441859	1444678	0.21	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08LX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 21:11:53	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	533	410	457	467	13.34	cps
Molybdenum	94-1	1100	1050	1208	1120	7.23	cps
Molybdenum	95-1	1217	1375	1142	1245	9.57	cps
Molybdenum	96-1	1600	1383	1558	1514	7.59	cps
Molybdenum	97-1	975	983	925	961	3.28	cps
Molybdenum	98-1	2117	2050	2409	2192	8.70	cps
Neodymium	150-1	20	33	47	33	40.01	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	1160	1120	1247	1176	5.51	cps
Phosphorus	31-2	108	100	83	97	13.09	cps
Potassium	39-2	116949	119242	116925	117705	1.13	cps
Rhodium	103-1	14121117	13377031	13709241	13735796	2.71	cps
Rhodium	103-2	5934150	5978631	6314959	6075913	3.43	cps
Scandium	45-1	8377986	7973896	8165004	8172295	2.47	cps
Scandium	45-2	289265	297330	310459	299018	3.58	cps
Selenium	77-2	20	20	13	18	21.66	cps
Selenium	78-2	98	98	57	85	27.81	cps
Selenium	82-1	171	214	213	199	12.33	cps
Silicon	28-1	14377066	14283498	14367910	14342825	0.36	cps
Silver	109-1	583	450	517	517	12.90	cps
Silver	107-1	558	558	492	536	7.18	cps
Sodium	23-2	9371686	9415335	9326416	9371146	0.47	cps
Strontium	86-1	181601	182874	179078	181184	1.07	cps
Strontium	88-1	1586761	1579308	1567283	1577784	0.62	cps
Sulfur	34-1	597663	596421	592658	595581	0.44	cps
Terbium	159-1	23423669	22411269	22986330	22940423	2.21	cps
Terbium	159-2	9566433	9705233	10216416	9829361	3.48	cps
Thallium	203-1	875	892	592	786	21.45	cps
Thallium	205-1	1608	1750	1475	1611	8.54	cps
Thorium	232-1	861	783	683	776	11.49	cps
Tin	118-1	2009	2059	2192	2086	4.54	cps
Titanium	47-1	625	508	592	575	10.45	cps
Uranium	238-1	4568	5026	4643	4746	5.18	cps
Vanadium	51-2	1043	1223	1147	1138	7.94	cps
Yttrium	89-1	15030764	14266079	14524492	14607112	2.66	cps
Yttrium	89-2	1682922	1709659	1796723	1729768	3.44	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08LX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 21:11:53	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1827	1887	1867	1860	1.64	cps
Zirconium	90-1	1158	1125	1208	1164	3.60	cps
Zirconium	91-1	258	208	242	236	10.78	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08MS Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:15:29 DataFile Name : 106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1378362	1400736	1405074	1394724	1.03	cps
Antimony	121-1	8529227	8513763	8552368	8531786	0.23	cps
Arsenic	75-2	227603	227327	226128	227019	0.35	cps
Barium	135-1	12818325	12848788	12873897	12847003	0.22	cps
Barium	137-1	22361610	22597496	22597320	22518809	0.60	cps
Beryllium	9-1	1709082	1707092	1702142	1706105	0.21	cps
Bismuth	209-1	12842558	13263974	13277201	13127911	1.88	cps
Bismuth	209-2	6109109	6195250	6245721	6183360	1.12	cps
Boron	10-1	401354	414386	418140	411293	2.14	cps
Boron	11-1	1906674	1957211	1967289	1943724	1.67	cps
Cadmium	111-1	2618542	2627002	2649480	2631675	0.61	cps
Cadmium	106-1	289610	291046	292733	291130	0.54	cps
Cadmium	108-1	201159	201384	200370	200971	0.27	cps
Calcium	43-1	7136669	7228264	7263005	7209313	0.91	cps
Calcium	44-1	117358719	117841494	119094278	118098164	0.76	cps
Chromium	52-2	10426959	10416120	10437848	10426976	0.10	cps
Cobalt	59-2	3788765	3806213	3784693	3793224	0.30	cps
Copper	63-2	5528590	5606045	5588412	5574349	0.73	cps
Dysprosium	156-1	317	342	317	325	4.44	cps
Dysprosium	156-2	177	220	253	217	17.74	cps
Erbium	164-1	692	700	583	658	9.89	cps
Erbium	164-2	297	217	253	256	15.67	cps
Gadolinium	160-1	275	342	367	328	14.46	cps
Gadolinium	160-2	347	293	247	296	16.93	cps
Holmium	165-1	21159071	22025023	21907778	21697291	2.17	cps
Holmium	165-2	9435396	9440866	9494082	9456781	0.34	cps
Indium	115-1	13511969	14084612	14092121	13896234	2.39	cps
Indium	115-2	2170982	2196441	2197897	2188440	0.69	cps
Iron	56-2	99791227	100345391	99683477	99940032	0.36	cps
Iron	57-2	2447742	2467081	2453071	2455965	0.41	cps
Krypton	83-1	1123	1013	1143	1093	6.40	cps
Lead	206-1	9335404	9484461	9551132	9456999	1.17	cps
Lead	207-1	8055284	8128055	8155075	8112805	0.64	cps
Lead	208-1	36722667	37006887	37336607	37022054	0.83	cps
Lithium	6-1	3517920	3579823	3595585	3564443	1.15	cps
Magnesium	24-2	22654142	22955124	22950549	22853272	0.75	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08MS Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:15:29 DataFile Name : 106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2735777	2752304	2748714	2745599	0.32	cps
Molybdenum	94-1	18388656	18291771	18540047	18406825	0.68	cps
Molybdenum	95-1	22542044	22441420	22672554	22552006	0.51	cps
Molybdenum	96-1	24743645	24920002	25204401	24956016	0.93	cps
Molybdenum	97-1	14028421	13925571	14155560	14036517	0.82	cps
Molybdenum	98-1	36360372	36517797	36838329	36572166	0.67	cps
Neodymium	150-1	1073	1300	1073	1149	11.39	cps
Neodymium	150-2	90	123	77	97	24.87	cps
Nickel	60-2	988247	1001960	1002490	997566	0.81	cps
Phosphorus	31-2	217	233	108	186	36.47	cps
Potassium	39-2	7391001	7423569	7487966	7434179	0.66	cps
Rhodium	103-1	11786974	12176011	12148925	12037303	1.80	cps
Rhodium	103-2	5203029	5266692	5261222	5243648	0.67	cps
Scandium	45-1	7397047	7593561	7557893	7516167	1.39	cps
Scandium	45-2	275630	275809	276169	275869	0.10	cps
Selenium	77-2	6725	6475	6462	6554	2.26	cps
Selenium	78-2	21967	22041	22373	22127	0.98	cps
Selenium	82-1	189164	189231	190309	189568	0.34	cps
Silicon	28-1	68701893	69167187	69304166	69057749	0.46	cps
Silver	109-1	11810379	11968651	12155140	11978057	1.44	cps
Silver	107-1	12297755	12493773	12510864	12434131	0.95	cps
Sodium	23-2	73071589	73696539	74112435	73626854	0.71	cps
Strontium	86-1	3786013	3794009	3827100	3802374	0.57	cps
Strontium	88-1	32772471	32961096	32817707	32850424	0.30	cps
Sulfur	34-1	1210198	1205482	1206256	1207312	0.21	cps
Terbium	159-1	21111872	21684588	21701428	21499296	1.56	cps
Terbium	159-2	9064744	9024615	9079587	9056315	0.31	cps
Thallium	203-1	11652589	11852227	11867555	11790790	1.02	cps
Thallium	205-1	27911162	28401916	28659853	28324310	1.34	cps
Thorium	232-1	5651	5257	4695	5201	9.24	cps
Tin	118-1	8106992	8178869	8199670	8161844	0.60	cps
Titanium	47-1	5615299	5569964	5668852	5618038	0.88	cps
Uranium	238-1	40188715	40664831	40651039	40501529	0.67	cps
Vanadium	51-2	1688893	1707019	1705949	1700620	0.60	cps
Yttrium	89-1	13252252	13599514	13600924	13484230	1.49	cps
Yttrium	89-2	1571259	1584952	1583771	1579994	0.48	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08MS	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:15:29	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	797721	798520	795609	797283	0.19	cps
Zirconium	90-1	15210496	15207641	15418913	15279017	0.79	cps
Zirconium	91-1	3429908	3413341	3444536	3429261	0.46	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08MSD Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:19:08 DataFile Name : 107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1390316	1402402	1398854	1397190	0.44	cps
Antimony	121-1	8508465	8636451	8691254	8612057	1.09	cps
Arsenic	75-2	227928	231708	228532	229389	0.89	cps
Barium	135-1	12878785	12914917	13041135	12944946	0.66	cps
Barium	137-1	22618381	22911656	22846625	22792220	0.68	cps
Beryllium	9-1	1710614	1710559	1712905	1711359	0.08	cps
Bismuth	209-1	13211112	13217414	13371181	13266569	0.68	cps
Bismuth	209-2	6179796	6234107	6219046	6210983	0.45	cps
Boron	10-1	408838	415857	424122	416272	1.84	cps
Boron	11-1	1958240	1991855	2008077	1986057	1.28	cps
Cadmium	111-1	2629032	2658525	2668431	2651996	0.77	cps
Cadmium	106-1	291043	296518	293024	293528	0.94	cps
Cadmium	108-1	200474	199423	202684	200860	0.83	cps
Calcium	43-1	7215332	7208556	7230464	7218117	0.16	cps
Calcium	44-1	117954498	118539723	118809173	118434465	0.37	cps
Chromium	52-2	10374554	10485909	10396238	10418900	0.57	cps
Cobalt	59-2	3803606	3840535	3826052	3823398	0.49	cps
Copper	63-2	5554727	5633274	5598369	5595457	0.70	cps
Dysprosium	156-1	267	317	250	278	12.49	cps
Dysprosium	156-2	160	220	243	208	20.69	cps
Erbium	164-1	658	642	808	703	13.06	cps
Erbium	164-2	203	263	277	248	15.77	cps
Gadolinium	160-1	300	350	308	319	8.39	cps
Gadolinium	160-2	287	300	337	308	8.41	cps
Holmium	165-1	21760706	22006570	22099556	21955611	0.80	cps
Holmium	165-2	9497854	9498788	9559941	9518861	0.37	cps
Indium	115-1	13913243	14128859	14047382	14029828	0.78	cps
Indium	115-2	2178490	2188985	2201923	2189799	0.54	cps
Iron	56-2	100131891	100636974	100782055	100516974	0.34	cps
Iron	57-2	2456020	2475426	2475992	2469146	0.46	cps
Krypton	83-1	1067	1053	1183	1101	6.50	cps
Lead	206-1	9453293	9540612	9582011	9525305	0.69	cps
Lead	207-1	8174816	8204353	8277492	8218887	0.64	cps
Lead	208-1	37151068	37470475	37711725	37444423	0.75	cps
Lithium	6-1	3556863	3560370	3581607	3566280	0.38	cps
Magnesium	24-2	22949998	23123448	22994643	23022696	0.39	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08MSD Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:19:08 DataFile Name : 107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2741636	2770269	2771064	2760990	0.61	cps
Molybdenum	94-1	18429139	18536241	18713464	18559615	0.77	cps
Molybdenum	95-1	22463400	22740590	22917074	22707021	1.01	cps
Molybdenum	96-1	24826195	25082859	25516320	25141791	1.39	cps
Molybdenum	97-1	14083672	14162633	14199833	14148712	0.42	cps
Molybdenum	98-1	36553255	37020942	37295913	36956704	1.02	cps
Neodymium	150-1	1087	1147	1020	1085	5.84	cps
Neodymium	150-2	80	97	110	96	15.73	cps
Nickel	60-2	997351	1012152	1012277	1007260	0.85	cps
Phosphorus	31-2	183	200	200	194	4.95	cps
Potassium	39-2	7369235	7440084	7400378	7403232	0.48	cps
Rhodium	103-1	12054528	12251867	12166078	12157491	0.81	cps
Rhodium	103-2	5199073	5257275	5306154	5254168	1.02	cps
Scandium	45-1	7514318	7603176	7604736	7574077	0.68	cps
Scandium	45-2	272305	276863	275452	274873	0.85	cps
Selenium	77-2	6515	6598	6672	6595	1.19	cps
Selenium	78-2	21805	22352	22351	22169	1.42	cps
Selenium	82-1	189692	190528	190950	190390	0.34	cps
Silicon	28-1	68494256	69271497	69455945	69073899	0.74	cps
Silver	109-1	12027038	12053176	12217830	12099348	0.85	cps
Silver	107-1	12500059	12616472	12581756	12566096	0.48	cps
Sodium	23-2	73453435	74127704	73801870	73794336	0.46	cps
Strontium	86-1	3816499	3842828	3864898	3841408	0.63	cps
Strontium	88-1	32905456	33381781	33478576	33255271	0.92	cps
Sulfur	34-1	1186642	1184718	1182053	1184471	0.19	cps
Terbium	159-1	21519106	21817187	21896051	21744115	0.91	cps
Terbium	159-2	9089536	9088800	9100365	9092901	0.07	cps
Thallium	203-1	11780090	11888481	11974115	11880896	0.82	cps
Thallium	205-1	28151899	28616599	28873536	28547344	1.28	cps
Thorium	232-1	3534	2795	3039	3123	12.06	cps
Tin	118-1	8160896	8243855	8378271	8261008	1.33	cps
Titanium	47-1	5634273	5676145	5712989	5674469	0.69	cps
Uranium	238-1	40977899	41244902	41518488	41247096	0.66	cps
Vanadium	51-2	1709191	1727806	1706787	1714595	0.67	cps
Yttrium	89-1	13478884	13637620	13669466	13595323	0.75	cps
Yttrium	89-2	1574264	1599115	1580058	1584479	0.82	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08MSD	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:19:08	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	790554	800894	801546	797665	0.77	cps
Zirconium	90-1	15340341	15496412	15505873	15447542	0.60	cps
Zirconium	91-1	3454406	3464124	3476139	3464890	0.31	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:23:14	DataFile Name :	108CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9117400	9194079	9238875	9183451	0.67	cps
Antimony	121-1	8918276	8983776	8999079	8967044	0.48	cps
Arsenic	75-2	259518	260526	260788	260277	0.26	cps
Barium	135-1	12758172	12868810	12865518	12830833	0.49	cps
Barium	137-1	22228785	22574603	22448911	22417433	0.78	cps
Beryllium	9-1	1906190	1916651	1945557	1922799	1.06	cps
Bismuth	209-1	13199020	13308226	13210031	13239093	0.45	cps
Bismuth	209-2	6376655	6378308	6378414	6377792	0.02	cps
Boron	10-1	420665	429866	433867	428132	1.58	cps
Boron	11-1	1987797	2020913	2053640	2020783	1.63	cps
Cadmium	111-1	2808866	2801668	2793837	2801457	0.27	cps
Cadmium	106-1	319144	316714	316964	317607	0.42	cps
Cadmium	108-1	215115	215665	217923	216234	0.69	cps
Calcium	43-1	13834936	13965015	13946759	13915570	0.51	cps
Calcium	44-1	226146680	228371047	229404122	227973950	0.73	cps
Chromium	52-2	2617033	2611974	2628610	2619206	0.33	cps
Cobalt	59-2	4359153	4388993	4426343	4391496	0.77	cps
Copper	63-2	5998066	6020300	6034162	6017509	0.30	cps
Dysprosium	156-1	308	317	317	314	1.53	cps
Dysprosium	156-2	203	243	267	238	13.47	cps
Erbium	164-1	83	167	125	125	33.33	cps
Erbium	164-2	53	43	50	49	10.42	cps
Gadolinium	160-1	283	267	183	244	21.92	cps
Gadolinium	160-2	207	240	300	249	19.00	cps
Holmium	165-1	22733818	22820720	22899420	22817986	0.36	cps
Holmium	165-2	10224876	10247060	10264728	10245555	0.19	cps
Indium	115-1	14769313	14803129	14929336	14833926	0.57	cps
Indium	115-2	2426775	2464334	2461643	2450917	0.85	cps
Iron	56-2	568457546	571911013	572479813	570949457	0.38	cps
Iron	57-2	13961852	14041072	14122320	14041748	0.57	cps
Krypton	83-1	790	857	753	800	6.55	cps
Lead	206-1	9738398	9713605	9751468	9734490	0.20	cps
Lead	207-1	8600593	8604984	8599935	8601837	0.03	cps
Lead	208-1	38688310	38708924	38605599	38667611	0.14	cps
Lithium	6-1	3802768	3834934	3899757	3845820	1.28	cps
Magnesium	24-2	98273594	99010940	98910240	98731591	0.40	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:23:14	DataFile Name :	108CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3097001	3131977	3145807	3124929	0.80	cps
Molybdenum	94-1	19827839	19954936	20022668	19935147	0.50	cps
Molybdenum	95-1	24363156	24330255	24555768	24416393	0.50	cps
Molybdenum	96-1	26860444	27026405	27254028	27046959	0.73	cps
Molybdenum	97-1	15215827	15209094	15247107	15224009	0.13	cps
Molybdenum	98-1	39535895	39823538	39639192	39666208	0.37	cps
Neodymium	150-1	1280	1313	1413	1336	5.20	cps
Neodymium	150-2	123	170	140	144	16.37	cps
Nickel	60-2	1126393	1130316	1135503	1130737	0.40	cps
Phosphorus	31-2	88864	91681	89317	89954	1.68	cps
Potassium	39-2	42225725	42476998	42701101	42467941	0.56	cps
Rhodium	103-1	12471504	12463878	12647357	12527580	0.83	cps
Rhodium	103-2	5545959	5586055	5590931	5574315	0.44	cps
Scandium	45-1	8346515	8401234	8507259	8418336	0.97	cps
Scandium	45-2	326787	327861	334570	329740	1.28	cps
Selenium	77-2	7189	7712	7976	7625	5.25	cps
Selenium	78-2	24678	25311	24949	24980	1.27	cps
Selenium	82-1	196564	194649	196348	195854	0.54	cps
Silicon	28-1	6063242	6132839	6211366	6135816	1.21	cps
Silver	109-1	13294278	13296817	13373525	13321540	0.34	cps
Silver	107-1	13668675	13681790	13834592	13728352	0.67	cps
Sodium	23-2	180489604	182682383	183637325	182269771	0.89	cps
Strontium	86-1	3250911	3272053	3258041	3260335	0.33	cps
Strontium	88-1	27970035	28048199	28178306	28065513	0.37	cps
Sulfur	34-1	1445838	1448753	1463007	1452533	0.63	cps
Terbium	159-1	22670243	22484172	22617665	22590693	0.42	cps
Terbium	159-2	9872734	9812102	9784886	9823240	0.46	cps
Thallium	203-1	12121861	12013935	12090088	12075295	0.46	cps
Thallium	205-1	29129264	29004770	29190070	29108035	0.32	cps
Thorium	232-1	43365009	43563151	43381262	43436474	0.25	cps
Tin	118-1	8930296	8974058	8976177	8960177	0.29	cps
Titanium	47-1	6341898	6392886	6459503	6398096	0.92	cps
Uranium	238-1	42719246	42732237	42728810	42726764	0.02	cps
Vanadium	51-2	2048010	2053614	2065085	2055569	0.42	cps
Yttrium	89-1	14512760	14609348	14762031	14628046	0.86	cps
Yttrium	89-2	1803892	1812421	1813217	1809843	0.29	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P7
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:23:14	DataFile Name :	108CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	857171	865230	868541	863647	0.68	cps
Zirconium	90-1	16485498	16557611	16607761	16550290	0.37	cps
Zirconium	91-1	3707331	3714938	3679706	3700658	0.50	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:28:06	DataFile Name :	109CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375	500	333	403	21.54	cps
Antimony	121-1	2809	2659	2417	2628	7.52	cps
Arsenic	75-2	54	43	41	46	15.35	cps
Barium	135-1	1158	1200	1150	1170	2.29	cps
Barium	137-1	1992	1525	1800	1772	13.24	cps
Beryllium	9-1	480	413	443	446	7.49	cps
Bismuth	209-1	15614297	15600025	15574019	15596113	0.13	cps
Bismuth	209-2	7699253	7738344	7727321	7721639	0.26	cps
Boron	10-1	12406	11496	10554	11485	8.06	cps
Boron	11-1	56306	53420	52291	54006	3.83	cps
Cadmium	111-1	4651	4698	4930	4760	3.13	cps
Cadmium	106-1	6127	6177	6619	6307	4.29	cps
Cadmium	108-1	42	54	58	51	16.87	cps
Calcium	43-1	917	975	942	945	3.10	cps
Calcium	44-1	22251	22301	21800	22117	1.25	cps
Chromium	52-2	7846	8146	7962	7985	1.90	cps
Cobalt	59-2	337	287	373	332	13.10	cps
Copper	63-2	5188	5141	5238	5189	0.93	cps
Dysprosium	156-1	33	8	0	14	124.91	cps
Dysprosium	156-2	7	3	20	10	88.20	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	23	17	27	22	22.91	cps
Gadolinium	160-1	217	125	92	144	44.81	cps
Gadolinium	160-2	237	233	200	223	9.08	cps
Holmium	165-1	23231323	23076455	23389091	23232290	0.67	cps
Holmium	165-2	10673204	10638452	10645714	10652457	0.17	cps
Indium	115-1	16431112	16383768	16419578	16411486	0.15	cps
Indium	115-2	2644202	2668871	2677867	2663647	0.65	cps
Iron	56-2	29903	31467	31724	31031	3.18	cps
Iron	57-2	678	678	717	691	3.25	cps
Krypton	83-1	693	697	643	678	4.41	cps
Lead	206-1	2217	2256	2245	2239	0.89	cps
Lead	207-1	1806	2011	2122	1980	8.12	cps
Lead	208-1	8913	9279	9163	9118	2.05	cps
Lithium	6-1	4074895	4065974	4069189	4070020	0.11	cps
Magnesium	24-2	4251	4884	5001	4712	8.57	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB72 Instrumnet Name : P7
 Client Sample ID : CCB72 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:28:06 DataFile Name : 109CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	347	417	347	370	10.92	cps
Molybdenum	94-1	3367	2967	2942	3092	7.71	cps
Molybdenum	95-1	3784	3376	3351	3503	6.95	cps
Molybdenum	96-1	4443	4142	3842	4142	7.24	cps
Molybdenum	97-1	2484	2259	2042	2261	9.77	cps
Molybdenum	98-1	6252	6285	5626	6054	6.13	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	137	163	143	148	9.39	cps
Phosphorus	31-2	108	125	50	94	41.70	cps
Potassium	39-2	20164	20390	19922	20159	1.16	cps
Rhodium	103-1	14552651	14500638	14573941	14542410	0.26	cps
Rhodium	103-2	6583127	6543660	6592364	6573050	0.39	cps
Scandium	45-1	8731792	8650089	8723024	8701635	0.52	cps
Scandium	45-2	322031	325912	325327	324423	0.65	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	57	63	61	60	4.67	cps
Selenium	82-1	-39	-37	-14	-30	-47.16	cps
Silicon	28-1	325419	324766	317368	322518	1.39	cps
Silver	109-1	2967	3351	3000	3106	6.84	cps
Silver	107-1	3134	3484	3200	3273	5.68	cps
Sodium	23-2	51280	52200	50318	51266	1.84	cps
Strontium	86-1	1333	1233	1358	1308	5.06	cps
Strontium	88-1	2525	2442	2717	2561	5.51	cps
Sulfur	34-1	421521	419180	415703	418801	0.70	cps
Terbium	159-1	23241013	23120965	23292705	23218228	0.38	cps
Terbium	159-2	10229736	10234245	10307903	10257295	0.43	cps
Thallium	203-1	3976	3551	3809	3778	5.67	cps
Thallium	205-1	9996	9454	9037	9495	5.06	cps
Thorium	232-1	4351	4112	3601	4021	9.53	cps
Tin	118-1	2717	2392	2392	2500	7.51	cps
Titanium	47-1	600	633	617	617	2.70	cps
Uranium	238-1	3084	3151	3084	3106	1.24	cps
Vanadium	51-2	207	163	167	179	13.48	cps
Yttrium	89-1	15494875	15378218	15371245	15414779	0.45	cps
Yttrium	89-2	1821965	1841893	1855209	1839689	0.91	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P7
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:28:06	DataFile Name :	109CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	617	620	637	624	1.72	cps
Zirconium	90-1	2250	2292	2167	2236	2.85	cps
Zirconium	91-1	475	458	508	481	5.30	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08A Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:31:43 DataFile Name : 110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1475204	1473814	1467173	1472064	0.29	cps
Antimony	121-1	8682415	8732994	8750995	8722135	0.41	cps
Arsenic	75-2	236091	239523	238862	238159	0.76	cps
Barium	135-1	13014243	13163156	13166091	13114497	0.66	cps
Barium	137-1	22985351	22986387	23032010	23001249	0.12	cps
Beryllium	9-1	1817369	1799653	1784413	1800478	0.92	cps
Bismuth	209-1	13211484	13231259	13321555	13254766	0.44	cps
Bismuth	209-2	6233931	6296419	6273616	6267989	0.50	cps
Boron	10-1	427317	432296	436251	431955	1.04	cps
Boron	11-1	2039311	2051121	2068070	2052834	0.70	cps
Cadmium	111-1	2684432	2684891	2695102	2688142	0.22	cps
Cadmium	106-1	300587	302092	299641	300773	0.41	cps
Cadmium	108-1	202779	203977	204324	203693	0.40	cps
Calcium	43-1	7546413	7530824	7584342	7553859	0.36	cps
Calcium	44-1	124120432	123866219	123688853	123891835	0.18	cps
Chromium	52-2	10851583	10976949	10921780	10916771	0.58	cps
Cobalt	59-2	3956547	4002611	3970925	3976694	0.59	cps
Copper	63-2	5805498	5852706	5816683	5824962	0.42	cps
Dysprosium	156-1	417	275	317	336	21.66	cps
Dysprosium	156-2	140	187	140	156	17.32	cps
Erbium	164-1	475	717	658	617	20.45	cps
Erbium	164-2	187	270	283	247	21.24	cps
Gadolinium	160-1	242	242	325	269	17.86	cps
Gadolinium	160-2	310	317	260	296	10.48	cps
Holmium	165-1	21643911	22109721	21961350	21904994	1.09	cps
Holmium	165-2	9635513	9719112	9616969	9657198	0.56	cps
Indium	115-1	14137687	14361929	14483625	14327747	1.22	cps
Indium	115-2	2238594	2244774	2259936	2247768	0.49	cps
Iron	56-2	104699558	104306850	104671091	104559166	0.21	cps
Iron	57-2	2548316	2565938	2568239	2560831	0.43	cps
Krypton	83-1	1080	1223	1070	1125	7.63	cps
Lead	206-1	9379120	9520827	9546777	9482241	0.95	cps
Lead	207-1	8053496	8143056	8260649	8152400	1.27	cps
Lead	208-1	36905607	37239990	37507614	37217737	0.81	cps
Lithium	6-1	3754840	3755197	3749915	3753317	0.08	cps
Magnesium	24-2	24109811	24191113	24047884	24116269	0.30	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08A Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 21:31:43 DataFile Name : 110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2853889	2886573	2889752	2876738	0.69	cps
Molybdenum	94-1	18864314	18972441	19122953	18986570	0.68	cps
Molybdenum	95-1	22973243	23308407	23341919	23207856	0.88	cps
Molybdenum	96-1	25580752	25767721	25961118	25769864	0.74	cps
Molybdenum	97-1	14383591	14575640	14662510	14540581	0.98	cps
Molybdenum	98-1	37483710	37758961	38079139	37773937	0.79	cps
Neodymium	150-1	1107	1147	1020	1091	5.94	cps
Neodymium	150-2	127	80	87	98	25.81	cps
Nickel	60-2	1038981	1049962	1049859	1046267	0.60	cps
Phosphorus	31-2	217	283	208	236	17.41	cps
Potassium	39-2	7888381	7921726	7853581	7887896	0.43	cps
Rhodium	103-1	12320920	12419273	12482591	12407595	0.66	cps
Rhodium	103-2	5365998	5408627	5434558	5403061	0.64	cps
Scandium	45-1	7882373	7866019	7901212	7883201	0.22	cps
Scandium	45-2	288577	288578	289374	288843	0.16	cps
Selenium	77-2	6855	6745	6688	6763	1.25	cps
Selenium	78-2	23137	22827	22994	22986	0.67	cps
Selenium	82-1	195009	196206	194795	195337	0.39	cps
Silicon	28-1	73094002	72979858	72919062	72997641	0.12	cps
Silver	109-1	12164252	12399500	12452141	12338631	1.24	cps
Silver	107-1	12722036	12833496	12795021	12783518	0.44	cps
Sodium	23-2	77390700	77286883	77276568	77318050	0.08	cps
Strontium	86-1	3928659	3952925	3961079	3947554	0.43	cps
Strontium	88-1	33878165	33967286	34268305	34037919	0.60	cps
Sulfur	34-1	1256887	1239718	1232923	1243176	0.99	cps
Terbium	159-1	21619206	21632684	21889873	21713921	0.70	cps
Terbium	159-2	9202718	9285001	9245963	9244561	0.45	cps
Thallium	203-1	11708456	11780235	11887571	11792087	0.76	cps
Thallium	205-1	27889068	28439605	28754765	28361146	1.54	cps
Thorium	232-1	8003	6341	5579	6641	18.66	cps
Tin	118-1	8274792	8420336	8396427	8363851	0.93	cps
Titanium	47-1	5921899	5926140	5921206	5923082	0.05	cps
Uranium	238-1	40240165	40530234	40620814	40463738	0.49	cps
Vanadium	51-2	1778955	1801253	1788946	1789718	0.62	cps
Yttrium	89-1	13830654	13895373	13969483	13898503	0.50	cps
Yttrium	89-2	1633592	1649484	1653372	1645483	0.64	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08A	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 21:31:43	DataFile Name :	110SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	823449	830709	830781	828313	0.51	cps
Zirconium	90-1	15679181	15803864	15864565	15782537	0.60	cps
Zirconium	91-1	3534075	3534619	3556712	3541802	0.36	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-06DLX100 Instrumnet Name : P7
 Client Sample ID : EPA-EX-2-OB-01092019 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 21:35:21 DataFile Name : 111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1642	1725	1784	1717	4.15	cps
Antimony	121-1	1142	933	725	933	22.32	cps
Arsenic	75-2	33	35	57	42	31.92	cps
Barium	135-1	1784	1792	1558	1711	7.74	cps
Barium	137-1	3134	3176	2767	3025	7.43	cps
Beryllium	9-1	380	390	303	358	13.25	cps
Bismuth	209-1	16215518	16107327	15909866	16077570	0.96	cps
Bismuth	209-2	7828791	7763642	7672646	7755026	1.01	cps
Boron	10-1	18245	18137	16651	17678	5.04	cps
Boron	11-1	91209	85349	81109	85889	5.90	cps
Cadmium	111-1	5181	5469	5094	5248	3.75	cps
Cadmium	106-1	6510	6860	6435	6602	3.44	cps
Cadmium	108-1	79	71	75	75	5.55	cps
Calcium	43-1	25940	26592	25807	26113	1.61	cps
Calcium	44-1	425698	427437	420318	424484	0.87	cps
Chromium	52-2	1820478	1833372	1806907	1820252	0.73	cps
Cobalt	59-2	837	817	823	826	1.23	cps
Copper	63-2	59989	60083	58851	59641	1.15	cps
Dysprosium	156-1	250	167	233	217	20.35	cps
Dysprosium	156-2	110	123	143	126	13.36	cps
Erbium	164-1	383	250	333	322	20.91	cps
Erbium	164-2	117	123	130	123	5.40	cps
Gadolinium	160-1	308	383	467	386	20.51	cps
Gadolinium	160-2	357	400	320	359	11.16	cps
Holmium	165-1	23876961	23905824	23473815	23752200	1.02	cps
Holmium	165-2	10667474	10650320	10473158	10596984	1.02	cps
Indium	115-1	16560591	16580257	16569077	16569975	0.06	cps
Indium	115-2	2638110	2620427	2599750	2619429	0.73	cps
Iron	56-2	9298	8803	8408	8836	5.04	cps
Iron	57-2	222	261	294	259	13.94	cps
Krypton	83-1	567	603	577	582	3.26	cps
Lead	206-1	2184	1884	2061	2043	7.39	cps
Lead	207-1	1722	1706	1739	1722	0.97	cps
Lead	208-1	8407	7957	7718	8027	4.36	cps
Lithium	6-1	3961857	3942385	3905965	3936736	0.72	cps
Magnesium	24-2	29555	28887	29012	29151	1.22	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-06DLX100 Instrumnet Name : P7
 Client Sample ID : EPA-EX-2-OB-01092019 Dilution Factor : 100
 Date & Time Acquired :: 2019-01-17 21:35:21 DataFile Name : 111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18208	17844	17617	17890	1.67	cps
Molybdenum	94-1	3117	2750	2575	2814	9.83	cps
Molybdenum	95-1	4418	3392	3426	3745	15.56	cps
Molybdenum	96-1	4693	4209	3659	4187	12.35	cps
Molybdenum	97-1	2609	2167	2167	2314	11.02	cps
Molybdenum	98-1	7202	5835	5026	6021	18.27	cps
Neodymium	150-1	160	293	220	224	29.75	cps
Neodymium	150-2	83	67	67	72	13.32	cps
Nickel	60-2	1707	1853	1777	1779	4.12	cps
Phosphorus	31-2	83	108	100	97	13.09	cps
Potassium	39-2	29889	29213	29405	29502	1.18	cps
Rhodium	103-1	14772681	14643548	14463646	14626625	1.06	cps
Rhodium	103-2	6490718	6464704	6404887	6453436	0.68	cps
Scandium	45-1	8643072	8661994	8514704	8606590	0.93	cps
Scandium	45-2	312471	312005	309743	311406	0.47	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	52	54	57	54	5.21	cps
Selenium	82-1	106	52	28	62	64.14	cps
Silicon	28-1	2898144	2863548	2811462	2857718	1.53	cps
Silver	109-1	1167	975	875	1006	14.74	cps
Silver	107-1	1117	1058	983	1053	6.35	cps
Sodium	23-2	1075182	1080342	1071429	1075651	0.42	cps
Strontium	86-1	4409	4884	4368	4554	6.31	cps
Strontium	88-1	32279	32388	31995	32220	0.63	cps
Sulfur	34-1	407594	402750	396035	402126	1.44	cps
Terbium	159-1	23798321	24014853	23717873	23843682	0.64	cps
Terbium	159-2	10324862	10227203	10101399	10217821	1.10	cps
Thallium	203-1	3976	3492	3117	3528	12.20	cps
Thallium	205-1	10304	8745	8086	9045	12.59	cps
Thorium	232-1	528	439	433	467	11.36	cps
Tin	118-1	1909	2042	1984	1978	3.38	cps
Titanium	47-1	567	525	408	500	16.41	cps
Uranium	238-1	2109	1667	1233	1670	26.21	cps
Vanadium	51-2	130	107	103	113	12.82	cps
Yttrium	89-1	15481746	15433442	15351579	15422256	0.43	cps
Yttrium	89-2	1817660	1808544	1793611	1806605	0.67	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-06DLX100	Instrumnet Name :	P7
Client Sample ID :	EPA-EX-2-OB-01092019	Dilution Factor :	100
Date & Time Acquired ::	2019-01-17 21:35:21	DataFile Name :	111SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1974	1813	1803	1863	5.12	cps
Zirconium	90-1	1550	1675	1700	1642	4.90	cps
Zirconium	91-1	458	292	283	344	28.66	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:38:58 DataFile Name : 112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	117	133	119	10.66	cps
Antimony	121-1	5301	5276	4943	5173	3.87	cps
Arsenic	75-2	126	96	100	107	15.03	cps
Barium	135-1	200789	199095	200400	200095	0.44	cps
Barium	137-1	353385	352116	349015	351506	0.64	cps
Beryllium	9-1	223	277	230	243	11.94	cps
Bismuth	209-1	15177826	15350789	15321091	15283235	0.61	cps
Bismuth	209-2	7589011	7554727	7630152	7591297	0.50	cps
Boron	10-1	14624	14416	14858	14633	1.51	cps
Boron	11-1	70079	69879	69250	69736	0.62	cps
Cadmium	111-1	4832	4208	4405	4482	7.12	cps
Cadmium	106-1	6485	5668	6010	6054	6.78	cps
Cadmium	108-1	4	25	50	26	86.95	cps
Calcium	43-1	1039243	1046488	1040038	1041923	0.38	cps
Calcium	44-1	16809019	16947454	16938680	16898384	0.46	cps
Chromium	52-2	1864390	1864104	1888914	1872469	0.76	cps
Cobalt	59-2	317	277	250	281	11.94	cps
Copper	63-2	10614	10764	10797	10725	0.91	cps
Dysprosium	156-1	50	42	75	56	31.22	cps
Dysprosium	156-2	33	7	37	26	64.33	cps
Erbium	164-1	167	158	158	161	2.99	cps
Erbium	164-2	77	97	53	76	28.71	cps
Gadolinium	160-1	133	150	133	139	6.93	cps
Gadolinium	160-2	250	260	237	249	4.70	cps
Holmium	165-1	23089486	23333453	23151443	23191461	0.55	cps
Holmium	165-2	10498154	10593391	10592061	10561202	0.52	cps
Indium	115-1	15993841	16166117	16088342	16082767	0.54	cps
Indium	115-2	2613003	2585489	2639297	2612596	1.03	cps
Iron	56-2	13145	13629	12717	13164	3.47	cps
Iron	57-2	3673	3656	3801	3710	2.13	cps
Krypton	83-1	660	740	677	692	6.10	cps
Lead	206-1	6824	6702	6513	6680	2.35	cps
Lead	207-1	5857	5518	5524	5633	3.45	cps
Lead	208-1	26700	26250	25171	26040	3.02	cps
Lithium	6-1	3819879	3855227	3857114	3844073	0.55	cps
Magnesium	24-2	1467837	1458709	1492032	1472859	1.17	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08DLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:38:58 DataFile Name : 112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	500	437	533	490	10.02	cps
Molybdenum	94-1	1592	1683	1675	1650	3.07	cps
Molybdenum	95-1	2334	2284	2325	2314	1.16	cps
Molybdenum	96-1	2900	2592	2350	2614	10.55	cps
Molybdenum	97-1	1417	1150	1358	1308	10.72	cps
Molybdenum	98-1	3917	3426	3467	3603	7.57	cps
Neodymium	150-1	47	40	47	44	8.66	cps
Neodymium	150-2	17	10	10	12	31.50	cps
Nickel	60-2	1147	1267	1143	1186	5.93	cps
Phosphorus	31-2	125	158	92	125	26.67	cps
Potassium	39-2	124721	126822	126687	126077	0.93	cps
Rhodium	103-1	14086349	14262774	14179468	14176197	0.62	cps
Rhodium	103-2	6410225	6385224	6424891	6406780	0.31	cps
Scandium	45-1	8389804	8497237	8495027	8460690	0.73	cps
Scandium	45-2	316057	314731	319677	316822	0.81	cps
Selenium	77-2	23	13	17	18	28.64	cps
Selenium	78-2	91	89	89	90	1.19	cps
Selenium	82-1	213	118	211	181	30.02	cps
Silicon	28-1	14398816	14477876	14442795	14439829	0.27	cps
Silver	109-1	800	725	717	747	6.14	cps
Silver	107-1	958	817	842	872	8.67	cps
Sodium	23-2	9542822	9509228	9572860	9541637	0.33	cps
Strontium	86-1	183154	181001	180346	181500	0.81	cps
Strontium	88-1	1580709	1581232	1572505	1578149	0.31	cps
Sulfur	34-1	552662	559894	555554	556037	0.65	cps
Terbium	159-1	23229451	23124935	23346091	23233492	0.48	cps
Terbium	159-2	10148648	10154357	10181606	10161537	0.17	cps
Thallium	203-1	2667	2600	2309	2525	7.55	cps
Thallium	205-1	6594	5768	5852	6071	7.49	cps
Thorium	232-1	483	406	367	419	14.19	cps
Tin	118-1	2925	3075	2900	2967	3.19	cps
Titanium	47-1	675	517	533	575	15.13	cps
Uranium	238-1	4809	4968	5010	4929	2.14	cps
Vanadium	51-2	1067	1077	950	1031	6.83	cps
Yttrium	89-1	14970225	15172456	15068963	15070548	0.67	cps
Yttrium	89-2	1825516	1823251	1832691	1827153	0.27	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08DLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 21:38:58	DataFile Name :	112SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2054	1997	1963	2005	2.27	cps
Zirconium	90-1	1383	1183	1200	1256	8.84	cps
Zirconium	91-1	350	192	258	267	29.81	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08DUPDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:42:35 DataFile Name : 113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	125	183	150	20.03	cps
Antimony	121-1	4359	4459	4301	4373	1.83	cps
Arsenic	75-2	85	124	76	95	26.88	cps
Barium	135-1	208068	207052	204924	206681	0.78	cps
Barium	137-1	363769	360731	363733	362744	0.48	cps
Beryllium	9-1	180	300	223	234	25.92	cps
Bismuth	209-1	15316734	15520143	15486824	15441233	0.71	cps
Bismuth	209-2	7536822	7553233	7636287	7575447	0.70	cps
Boron	10-1	13273	12923	13615	13270	2.61	cps
Boron	11-1	62371	63408	64689	63489	1.83	cps
Cadmium	111-1	4671	4376	4420	4489	3.54	cps
Cadmium	106-1	6443	5985	6052	6160	4.02	cps
Cadmium	108-1	21	25	17	21	19.99	cps
Calcium	43-1	1081920	1089075	1088927	1086641	0.38	cps
Calcium	44-1	17572024	17701409	17689844	17654426	0.41	cps
Chromium	52-2	1924817	1926789	1932323	1927977	0.20	cps
Cobalt	59-2	280	290	250	273	7.62	cps
Copper	63-2	10357	10524	10701	10527	1.63	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	17	27	13	19	36.75	cps
Erbium	164-1	233	158	225	206	20.00	cps
Erbium	164-2	90	83	63	79	17.59	cps
Gadolinium	160-1	183	150	133	156	16.37	cps
Gadolinium	160-2	183	207	220	203	9.13	cps
Holmium	165-1	23362551	23444198	23503698	23436816	0.30	cps
Holmium	165-2	10531415	10557850	10563494	10550920	0.16	cps
Indium	115-1	16320525	16236297	16411769	16322864	0.54	cps
Indium	115-2	2607906	2603267	2611011	2607395	0.15	cps
Iron	56-2	28634	28489	27877	28333	1.42	cps
Iron	57-2	4045	4112	3951	4036	2.01	cps
Krypton	83-1	707	700	673	693	2.54	cps
Lead	206-1	1606	1639	1545	1596	3.00	cps
Lead	207-1	1350	1278	1361	1330	3.40	cps
Lead	208-1	6229	6140	6051	6140	1.45	cps
Lithium	6-1	3882622	3883728	3920392	3895581	0.55	cps
Magnesium	24-2	1514792	1520545	1507152	1514163	0.44	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08DUPDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:42:35 DataFile Name : 113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	567	493	487	516	8.61	cps
Molybdenum	94-1	1592	1425	1475	1497	5.71	cps
Molybdenum	95-1	1884	1659	1467	1670	12.49	cps
Molybdenum	96-1	2200	1834	2059	2031	9.11	cps
Molybdenum	97-1	1208	1208	1208	1208	0.00	cps
Molybdenum	98-1	2792	2684	3151	2875	8.50	cps
Neodymium	150-1	33	13	27	24	41.68	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	1190	1277	1217	1228	3.62	cps
Phosphorus	31-2	125	125	92	114	16.90	cps
Potassium	39-2	127276	124813	125812	125967	0.98	cps
Rhodium	103-1	14249517	14391046	14447432	14362665	0.71	cps
Rhodium	103-2	6409877	6393776	6392919	6398857	0.15	cps
Scandium	45-1	8580849	8607883	8627842	8605525	0.27	cps
Scandium	45-2	316638	316116	317762	316839	0.27	cps
Selenium	77-2	7	20	13	13	49.99	cps
Selenium	78-2	83	87	78	83	5.63	cps
Selenium	82-1	156	165	200	174	13.11	cps
Silicon	28-1	15024793	15034530	15067014	15042112	0.15	cps
Silver	109-1	525	675	717	639	15.78	cps
Silver	107-1	767	817	867	817	6.12	cps
Sodium	23-2	9903641	9852689	9830685	9862339	0.38	cps
Strontium	86-1	186055	188294	187955	187435	0.64	cps
Strontium	88-1	1629883	1641367	1635916	1635722	0.35	cps
Sulfur	34-1	581062	574406	577405	577624	0.58	cps
Terbium	159-1	23263545	23514815	23352226	23376862	0.55	cps
Terbium	159-2	10173802	10192454	10261003	10209086	0.45	cps
Thallium	203-1	1383	1367	1684	1478	12.06	cps
Thallium	205-1	3726	3492	3692	3637	3.47	cps
Thorium	232-1	322	367	283	324	12.87	cps
Tin	118-1	2850	2950	2967	2923	2.16	cps
Titanium	47-1	650	575	692	639	9.25	cps
Uranium	238-1	4284	4451	4559	4432	3.13	cps
Vanadium	51-2	1133	1177	1097	1136	3.53	cps
Yttrium	89-1	15333061	15293099	15367411	15331191	0.24	cps
Yttrium	89-2	1830946	1820138	1819288	1823457	0.36	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 21:42:35	DataFile Name :	113SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2027	1900	1857	1928	4.58	cps
Zirconium	90-1	1125	1267	1158	1183	6.26	cps
Zirconium	91-1	183	158	217	186	15.73	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08LDLX25 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-17 21:46:12 DataFile Name : 114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	92	108	92	18.18	cps
Antimony	121-1	567	383	467	472	19.44	cps
Arsenic	75-2	26	28	33	29	13.27	cps
Barium	135-1	41505	40527	39917	40649	1.97	cps
Barium	137-1	69314	70714	70069	70032	1.00	cps
Beryllium	9-1	187	183	177	182	2.79	cps
Bismuth	209-1	15582621	15782885	15655154	15673553	0.65	cps
Bismuth	209-2	7780143	7743180	7812578	7778634	0.45	cps
Boron	10-1	6660	6552	6118	6443	4.45	cps
Boron	11-1	30515	29429	29814	29919	1.84	cps
Cadmium	111-1	4224	4253	4643	4373	5.36	cps
Cadmium	106-1	5960	5910	6510	6127	5.44	cps
Cadmium	108-1	33	13	38	28	48.22	cps
Calcium	43-1	209352	207067	212413	209611	1.28	cps
Calcium	44-1	3444160	3456392	3441825	3447459	0.23	cps
Chromium	52-2	380510	385773	380267	382183	0.81	cps
Cobalt	59-2	60	90	50	67	31.22	cps
Copper	63-2	5975	5751	5938	5888	2.04	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	13	23	7	14	58.06	cps
Erbium	164-1	83	58	58	67	21.65	cps
Erbium	164-2	23	20	53	32	56.98	cps
Gadolinium	160-1	150	100	100	117	24.75	cps
Gadolinium	160-2	263	193	197	218	18.13	cps
Holmium	165-1	23287543	23750308	23423016	23486955	1.01	cps
Holmium	165-2	10644532	10647762	10659950	10650748	0.08	cps
Indium	115-1	16455020	16436477	16431547	16441015	0.08	cps
Indium	115-2	2641687	2635130	2642220	2639679	0.15	cps
Iron	56-2	7107	6568	6418	6698	5.41	cps
Iron	57-2	817	806	906	843	6.51	cps
Krypton	83-1	600	620	627	616	2.25	cps
Lead	206-1	3445	3845	3328	3539	7.66	cps
Lead	207-1	3000	3084	3045	3043	1.37	cps
Lead	208-1	14320	14209	13920	14150	1.46	cps
Lithium	6-1	3909070	3939667	3894377	3914371	0.59	cps
Magnesium	24-2	296929	296347	296807	296694	0.10	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08LDLX25 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 25
 Date & Time Acquired :: 2019-01-17 21:46:12 DataFile Name : 114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	193	133	227	184	25.64	cps
Molybdenum	94-1	625	625	575	608	4.75	cps
Molybdenum	95-1	425	533	608	522	17.65	cps
Molybdenum	96-1	742	692	625	686	8.53	cps
Molybdenum	97-1	425	317	233	325	29.57	cps
Molybdenum	98-1	808	900	750	820	9.23	cps
Neodymium	150-1	33	7	20	20	66.65	cps
Neodymium	150-2	0	17	7	8	107.84	cps
Nickel	60-2	310	307	257	291	10.26	cps
Phosphorus	31-2	108	67	58	78	34.44	cps
Potassium	39-2	37181	37306	38417	37635	1.81	cps
Rhodium	103-1	14585101	14723997	14500428	14603175	0.77	cps
Rhodium	103-2	6497930	6477156	6483902	6486329	0.16	cps
Scandium	45-1	8614236	8623079	8575721	8604345	0.29	cps
Scandium	45-2	318238	318230	320972	319147	0.50	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	83	63	65	70	16.00	cps
Selenium	82-1	57	54	56	56	2.54	cps
Silicon	28-1	3634131	3667681	3634843	3645552	0.53	cps
Silver	109-1	433	342	292	356	20.21	cps
Silver	107-1	442	408	525	458	13.11	cps
Sodium	23-2	1949044	1948101	1947293	1948146	0.04	cps
Strontium	86-1	36381	37383	36514	36759	1.48	cps
Strontium	88-1	317540	314137	312417	314698	0.83	cps
Sulfur	34-1	441732	435888	439636	439085	0.67	cps
Terbium	159-1	23319881	23448815	23290427	23353041	0.36	cps
Terbium	159-2	10257136	10235448	10250528	10247704	0.11	cps
Thallium	203-1	1067	1208	1125	1133	6.28	cps
Thallium	205-1	2600	2642	2367	2536	5.84	cps
Thorium	232-1	250	294	278	274	8.19	cps
Tin	118-1	1842	1367	1584	1597	14.89	cps
Titanium	47-1	325	317	192	278	26.89	cps
Uranium	238-1	1058	1050	967	1025	4.95	cps
Vanadium	51-2	327	310	307	314	3.41	cps
Yttrium	89-1	15288000	15364802	15222596	15291799	0.47	cps
Yttrium	89-2	1838509	1835595	1844643	1839582	0.25	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08LDLX25	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	25
Date & Time Acquired ::	2019-01-17 21:46:12	DataFile Name :	114SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	897	917	903	906	1.12	cps
Zirconium	90-1	1025	792	1117	978	17.14	cps
Zirconium	91-1	250	250	258	253	1.90	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08MSDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:49:48 DataFile Name : 115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	312214	317402	311580	313732	1.02	cps
Antimony	121-1	1920106	1913238	1903676	1912340	0.43	cps
Arsenic	75-2	52366	52284	51567	52072	0.84	cps
Barium	135-1	2805173	2816598	2809521	2810431	0.21	cps
Barium	137-1	4987052	4929300	4942273	4952875	0.61	cps
Beryllium	9-1	389915	389051	386952	388639	0.39	cps
Bismuth	209-1	14904669	14767836	14920439	14864314	0.56	cps
Bismuth	209-2	7233722	7262641	7307275	7267879	0.51	cps
Boron	10-1	93052	91821	95023	93299	1.73	cps
Boron	11-1	430876	435096	439572	435181	1.00	cps
Cadmium	111-1	604879	606986	609778	607214	0.40	cps
Cadmium	106-1	71230	70827	71087	71048	0.29	cps
Cadmium	108-1	46108	46472	45001	45860	1.67	cps
Calcium	43-1	1598460	1612025	1604406	1604964	0.42	cps
Calcium	44-1	25924983	25847513	25908985	25893827	0.16	cps
Chromium	52-2	2323885	2341810	2327274	2330990	0.41	cps
Cobalt	59-2	849726	855058	850709	851831	0.33	cps
Copper	63-2	1272806	1279403	1265247	1272485	0.56	cps
Dysprosium	156-1	50	25	50	42	34.64	cps
Dysprosium	156-2	47	30	63	47	35.71	cps
Erbium	164-1	217	208	217	214	2.25	cps
Erbium	164-2	77	60	70	69	12.18	cps
Gadolinium	160-1	225	175	183	194	13.78	cps
Gadolinium	160-2	250	243	290	261	9.67	cps
Holmium	165-1	22927389	23044664	23010511	22994188	0.26	cps
Holmium	165-2	10322596	10429718	10350090	10367468	0.54	cps
Indium	115-1	15566538	15684596	15845029	15698721	0.89	cps
Indium	115-2	2516078	2549393	2515126	2526866	0.77	cps
Iron	56-2	22390948	22648701	22423985	22487878	0.62	cps
Iron	57-2	546621	550229	552444	549764	0.53	cps
Krypton	83-1	577	633	687	632	8.70	cps
Lead	206-1	2060540	2055718	2063860	2060039	0.20	cps
Lead	207-1	1776243	1774199	1780724	1777055	0.19	cps
Lead	208-1	8086732	8095687	8167416	8116612	0.54	cps
Lithium	6-1	3812137	3805964	3801328	3806477	0.14	cps
Magnesium	24-2	5118848	5126921	5090027	5111932	0.38	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08MSDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:49:48 DataFile Name : 115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	613908	619535	612740	615394	0.59	cps
Molybdenum	94-1	4017955	4020384	4016463	4018267	0.05	cps
Molybdenum	95-1	4928819	4905647	4921237	4918568	0.24	cps
Molybdenum	96-1	5450643	5448618	5461533	5453598	0.13	cps
Molybdenum	97-1	3067655	3057056	3057887	3060866	0.19	cps
Molybdenum	98-1	7796109	7862662	7844769	7834513	0.44	cps
Neodymium	150-1	207	227	293	242	18.73	cps
Neodymium	150-2	23	20	30	24	20.83	cps
Nickel	60-2	228092	230932	228434	229152	0.68	cps
Phosphorus	31-2	100	117	100	106	9.11	cps
Potassium	39-2	1658004	1693096	1671486	1674195	1.06	cps
Rhodium	103-1	13704648	13819850	13736064	13753521	0.43	cps
Rhodium	103-2	6074391	6114671	6065123	6084728	0.43	cps
Scandium	45-1	8294801	8307299	8279367	8293822	0.17	cps
Scandium	45-2	304892	308983	305494	306456	0.72	cps
Selenium	77-2	1550	1497	1513	1520	1.80	cps
Selenium	78-2	5492	5360	5460	5437	1.26	cps
Selenium	82-1	44561	44405	44166	44378	0.45	cps
Silicon	28-1	15469308	15459950	15447595	15458951	0.07	cps
Silver	109-1	2774228	2767019	2760789	2767345	0.24	cps
Silver	107-1	2863186	2861526	2833048	2852587	0.59	cps
Sodium	23-2	16147108	16162994	16234487	16181529	0.29	cps
Strontium	86-1	829800	827611	825047	827486	0.29	cps
Strontium	88-1	7158852	7087615	7134602	7127023	0.51	cps
Sulfur	34-1	572191	567734	561523	567150	0.94	cps
Terbium	159-1	22700220	22984905	23051914	22912346	0.82	cps
Terbium	159-2	9897615	9965844	9926535	9929998	0.34	cps
Thallium	203-1	2568544	2548915	2549874	2555778	0.43	cps
Thallium	205-1	6220773	6174363	6161496	6185544	0.50	cps
Thorium	232-1	778	750	706	744	4.89	cps
Tin	118-1	1828459	1821151	1828495	1826035	0.23	cps
Titanium	47-1	1247475	1239113	1243323	1243304	0.34	cps
Uranium	238-1	8282875	8319994	8365235	8322701	0.50	cps
Vanadium	51-2	375271	375039	372679	374330	0.38	cps
Yttrium	89-1	14849042	14740478	14823214	14804245	0.38	cps
Yttrium	89-2	1749839	1772207	1766247	1762764	0.66	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08MSDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 21:49:48	DataFile Name :	115SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	195425	196338	195358	195707	0.28	cps
Zirconium	90-1	3339440	3316058	3315037	3323511	0.42	cps
Zirconium	91-1	744283	736446	736691	739140	0.60	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08MSDDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:53:25 DataFile Name : 116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	314663	316437	317985	316362	0.53	cps
Antimony	121-1	1908246	1932295	1947382	1929308	1.02	cps
Arsenic	75-2	53559	52922	52686	53056	0.85	cps
Barium	135-1	2805676	2828538	2845542	2826585	0.71	cps
Barium	137-1	4985094	5003580	5068105	5018926	0.87	cps
Beryllium	9-1	393873	392776	393044	393231	0.15	cps
Bismuth	209-1	15001481	14091495	14829397	14640791	3.30	cps
Bismuth	209-2	7277944	7250280	7134466	7220896	1.05	cps
Boron	10-1	93236	93690	96524	94483	1.89	cps
Boron	11-1	435473	439288	448513	441091	1.52	cps
Cadmium	111-1	611663	612184	614261	612703	0.22	cps
Cadmium	106-1	71112	71338	72494	71648	1.03	cps
Cadmium	108-1	46159	46000	47413	46524	1.66	cps
Calcium	43-1	1613786	1616578	1615895	1615420	0.09	cps
Calcium	44-1	25891442	26025810	26054864	25990705	0.34	cps
Chromium	52-2	2341307	2330879	2343804	2338663	0.29	cps
Cobalt	59-2	860220	859388	861779	860462	0.14	cps
Copper	63-2	1281380	1290547	1280536	1284154	0.43	cps
Dysprosium	156-1	100	108	75	94	18.37	cps
Dysprosium	156-2	43	77	63	61	27.46	cps
Erbium	164-1	233	175	200	203	14.43	cps
Erbium	164-2	77	87	70	78	10.79	cps
Gadolinium	160-1	200	117	108	142	35.78	cps
Gadolinium	160-2	227	213	233	224	4.54	cps
Holmium	165-1	23149490	21335995	22577845	22354443	4.15	cps
Holmium	165-2	10357783	10255388	10161889	10258354	0.96	cps
Indium	115-1	15912670	14577903	15416662	15302412	4.41	cps
Indium	115-2	2521532	2480901	2471353	2491262	1.07	cps
Iron	56-2	22665411	22685035	22753933	22701460	0.20	cps
Iron	57-2	555581	551696	559567	555615	0.71	cps
Krypton	83-1	610	583	607	600	2.42	cps
Lead	206-1	2081207	2111417	2107762	2100129	0.79	cps
Lead	207-1	1767838	1812062	1797409	1792436	1.26	cps
Lead	208-1	8109111	8305419	8261650	8225394	1.25	cps
Lithium	6-1	3819481	3600582	3767241	3729101	3.07	cps
Magnesium	24-2	5158494	5167270	5145855	5157206	0.21	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08MSDDLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:53:25 DataFile Name : 116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	624864	616829	623628	621774	0.70	cps
Molybdenum	94-1	4008596	4060739	4089817	4053050	1.02	cps
Molybdenum	95-1	4906135	4941604	4950720	4932820	0.48	cps
Molybdenum	96-1	5403957	5463611	5538033	5468534	1.23	cps
Molybdenum	97-1	3070145	3092202	3113230	3091859	0.70	cps
Molybdenum	98-1	7828900	7952639	7986439	7922659	1.05	cps
Neodymium	150-1	227	320	240	262	19.25	cps
Neodymium	150-2	3	40	17	20	92.80	cps
Nickel	60-2	232974	230963	232676	232204	0.47	cps
Phosphorus	31-2	92	117	100	103	12.39	cps
Potassium	39-2	1691608	1679427	1683812	1684949	0.37	cps
Rhodium	103-1	13894599	12857110	13579369	13443693	3.96	cps
Rhodium	103-2	6115792	5977898	6012642	6035444	1.19	cps
Scandium	45-1	8381697	7737972	8105005	8074891	4.00	cps
Scandium	45-2	305775	301992	300715	302827	0.87	cps
Selenium	77-2	1667	1630	1653	1650	1.12	cps
Selenium	78-2	5370	5336	5579	5428	2.42	cps
Selenium	82-1	44525	44807	44721	44684	0.32	cps
Silicon	28-1	15412822	15457669	15546847	15472446	0.44	cps
Silver	109-1	2759458	2772233	2797173	2776288	0.69	cps
Silver	107-1	2860111	2838802	2904523	2867812	1.17	cps
Sodium	23-2	16297700	16298751	16283166	16293206	0.05	cps
Strontium	86-1	827543	845429	840674	837882	1.11	cps
Strontium	88-1	7106785	7220581	7233516	7186961	0.97	cps
Sulfur	34-1	554512	551589	552228	552776	0.28	cps
Terbium	159-1	23119865	21362395	22658893	22380384	4.07	cps
Terbium	159-2	9971276	9797640	9748576	9839164	1.19	cps
Thallium	203-1	2561407	2604292	2604555	2590084	0.96	cps
Thallium	205-1	6244727	6300210	6339550	6294829	0.76	cps
Thorium	232-1	611	594	644	617	4.13	cps
Tin	118-1	1819861	1818877	1860435	1833058	1.29	cps
Titanium	47-1	1234682	1261763	1256063	1250836	1.14	cps
Uranium	238-1	8456634	8605811	8565957	8542801	0.90	cps
Vanadium	51-2	378271	374857	378757	377295	0.56	cps
Yttrium	89-1	14901310	13812337	14486433	14400027	3.82	cps
Yttrium	89-2	1755702	1734581	1745484	1745255	0.61	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 21:53:25	DataFile Name :	116SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	196452	197779	198784	197672	0.59	cps
Zirconium	90-1	3345395	3361095	3407460	3371316	0.96	cps
Zirconium	91-1	735188	751245	756659	747697	1.49	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08ADLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:57:02 DataFile Name : 117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	312335	316375	315284	314665	0.66	cps
Antimony	121-1	1941991	1934759	1929510	1935420	0.32	cps
Arsenic	75-2	52416	51771	52385	52191	0.70	cps
Barium	135-1	2845890	2835003	2829540	2836811	0.29	cps
Barium	137-1	5054366	5006460	4992292	5017706	0.65	cps
Beryllium	9-1	392221	388682	390273	390392	0.45	cps
Bismuth	209-1	15084259	15044426	15117898	15082194	0.24	cps
Bismuth	209-2	7203021	7260167	7253646	7238945	0.43	cps
Boron	10-1	92633	95124	96985	94914	2.30	cps
Boron	11-1	439694	442373	445784	442617	0.69	cps
Cadmium	111-1	622087	618392	610405	616961	0.97	cps
Cadmium	106-1	73432	71380	70878	71897	1.88	cps
Cadmium	108-1	46376	45440	46489	46101	1.25	cps
Calcium	43-1	1620866	1607288	1620109	1616088	0.47	cps
Calcium	44-1	26116341	25883404	25959753	25986499	0.46	cps
Chromium	52-2	2329175	2346864	2331143	2335727	0.42	cps
Cobalt	59-2	861515	856946	854415	857625	0.42	cps
Copper	63-2	1273869	1282940	1280432	1279080	0.37	cps
Dysprosium	156-1	67	50	42	53	24.12	cps
Dysprosium	156-2	37	50	60	49	23.94	cps
Erbium	164-1	267	150	225	214	27.64	cps
Erbium	164-2	97	53	93	81	29.73	cps
Gadolinium	160-1	217	208	142	189	21.76	cps
Gadolinium	160-2	227	227	193	216	8.93	cps
Holmium	165-1	22728315	23050021	23017680	22932006	0.77	cps
Holmium	165-2	10235112	10341593	10256169	10277625	0.55	cps
Indium	115-1	15735841	15678051	15781873	15731922	0.33	cps
Indium	115-2	2478533	2497002	2481695	2485743	0.40	cps
Iron	56-2	22476498	22789227	22419286	22561670	0.88	cps
Iron	57-2	555491	549583	551716	552263	0.54	cps
Krypton	83-1	653	643	620	639	2.68	cps
Lead	206-1	2097872	2109360	2095373	2100869	0.36	cps
Lead	207-1	1810399	1794200	1797196	1800598	0.48	cps
Lead	208-1	8260772	8263920	8271785	8265492	0.07	cps
Lithium	6-1	3788433	3791206	3804059	3794566	0.22	cps
Magnesium	24-2	5157039	5174129	5138810	5156659	0.34	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : K1104-08ADLX5 Instrumnet Name : P7
 Client Sample ID : EPA-MW-37-BR-0109201 Dilution Factor : 5
 Date & Time Acquired :: 2019-01-17 21:57:02 DataFile Name : 117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	614881	619749	613609	616080	0.53	cps
Molybdenum	94-1	4062111	4040758	4038606	4047158	0.32	cps
Molybdenum	95-1	4980529	4972019	4982435	4978328	0.11	cps
Molybdenum	96-1	5467623	5499080	5396829	5454511	0.96	cps
Molybdenum	97-1	3104037	3081569	3071276	3085627	0.54	cps
Molybdenum	98-1	7964751	7944412	7968784	7959316	0.16	cps
Neodymium	150-1	227	233	267	242	8.85	cps
Neodymium	150-2	27	23	33	28	18.33	cps
Nickel	60-2	229717	230065	230486	230089	0.17	cps
Phosphorus	31-2	108	150	183	147	25.52	cps
Potassium	39-2	1671249	1679617	1673765	1674877	0.26	cps
Rhodium	103-1	13757643	13763167	13798512	13773107	0.16	cps
Rhodium	103-2	6006828	6052776	6055135	6038247	0.45	cps
Scandium	45-1	8263469	8249616	8298442	8270509	0.30	cps
Scandium	45-2	302520	303275	301913	302569	0.23	cps
Selenium	77-2	1540	1660	1590	1597	3.78	cps
Selenium	78-2	5223	5316	5395	5312	1.62	cps
Selenium	82-1	44772	44550	44688	44670	0.25	cps
Silicon	28-1	15563419	15446661	15575731	15528603	0.46	cps
Silver	109-1	2783978	2792136	2793568	2789894	0.19	cps
Silver	107-1	2905521	2871912	2890378	2889270	0.58	cps
Sodium	23-2	16253647	16286592	16096908	16212382	0.63	cps
Strontium	86-1	840122	836525	833847	836832	0.38	cps
Strontium	88-1	7187582	7210306	7234182	7210690	0.32	cps
Sulfur	34-1	555227	548119	548763	550703	0.71	cps
Terbium	159-1	23008352	22927799	22869016	22935056	0.30	cps
Terbium	159-2	9870688	9899083	9855740	9875170	0.22	cps
Thallium	203-1	2604709	2580642	2586368	2590573	0.49	cps
Thallium	205-1	6351008	6254384	6287239	6297543	0.78	cps
Thorium	232-1	600	661	650	637	5.11	cps
Tin	118-1	1845039	1845503	1843243	1844595	0.06	cps
Titanium	47-1	1248706	1240863	1241252	1243607	0.36	cps
Uranium	238-1	8550987	8537656	8563085	8550576	0.15	cps
Vanadium	51-2	376352	377194	373456	375667	0.52	cps
Yttrium	89-1	14655774	14756655	14806850	14739760	0.52	cps
Yttrium	89-2	1739252	1755645	1750936	1748611	0.48	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	K1104-08ADLX5	Instrumnet Name :	P7
Client Sample ID :	EPA-MW-37-BR-0109201	Dilution Factor :	5
Date & Time Acquired ::	2019-01-17 21:57:02	DataFile Name :	117SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	195655	196291	196414	196120	0.21	cps
Zirconium	90-1	3371574	3363781	3372349	3369235	0.14	cps
Zirconium	91-1	751359	751209	744427	748999	0.53	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P7
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 22:00:38	DataFile Name :	118CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9330462	9423387	9452200	9402016	0.68	cps
Antimony	121-1	8960921	9082959	9002297	9015392	0.69	cps
Arsenic	75-2	261224	265003	264398	263542	0.77	cps
Barium	135-1	12638667	12776846	12711869	12709127	0.54	cps
Barium	137-1	22153481	22391473	22311202	22285385	0.54	cps
Beryllium	9-1	1922796	1931979	1952757	1935844	0.79	cps
Bismuth	209-1	13043838	12991259	13030058	13021718	0.21	cps
Bismuth	209-2	6378143	6346399	6379679	6368074	0.30	cps
Boron	10-1	422173	418194	432611	424326	1.75	cps
Boron	11-1	1940335	1994790	2009240	1981455	1.83	cps
Cadmium	111-1	2762476	2760983	2764240	2762566	0.06	cps
Cadmium	106-1	312617	315634	314052	314101	0.48	cps
Cadmium	108-1	213913	212137	214787	213612	0.63	cps
Calcium	43-1	13845900	14027182	14145188	14006090	1.08	cps
Calcium	44-1	226396772	229394288	230484913	228758658	0.93	cps
Chromium	52-2	2622025	2631836	2637554	2630472	0.30	cps
Cobalt	59-2	4371714	4395978	4416056	4394583	0.51	cps
Copper	63-2	6038375	6085032	6094090	6072499	0.49	cps
Dysprosium	156-1	358	233	392	328	25.47	cps
Dysprosium	156-2	207	213	230	217	5.55	cps
Erbium	164-1	158	142	67	122	39.95	cps
Erbium	164-2	53	53	40	49	15.74	cps
Gadolinium	160-1	158	192	258	203	25.11	cps
Gadolinium	160-2	247	243	280	257	7.90	cps
Holmium	165-1	22500083	22635169	22810739	22648664	0.69	cps
Holmium	165-2	10227991	10296568	10300876	10275145	0.40	cps
Indium	115-1	14702427	14745046	14858162	14768545	0.54	cps
Indium	115-2	2436625	2479680	2493223	2469843	1.20	cps
Iron	56-2	572695257	578385968	578955924	576679050	0.60	cps
Iron	57-2	14209852	14110117	14240160	14186710	0.48	cps
Krypton	83-1	667	800	753	740	9.14	cps
Lead	206-1	9529776	9561914	9525955	9539215	0.21	cps
Lead	207-1	8476410	8458369	8409099	8447960	0.41	cps
Lead	208-1	38037735	37944896	37762706	37915112	0.37	cps
Lithium	6-1	3821246	3859898	3908428	3863191	1.13	cps
Magnesium	24-2	99548911	100356119	100914306	100273112	0.68	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P7
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 22:00:38	DataFile Name :	118CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3150671	3155989	3169528	3158729	0.31	cps
Molybdenum	94-1	19627871	19841534	19914834	19794747	0.75	cps
Molybdenum	95-1	24088396	24389903	24355476	24277925	0.68	cps
Molybdenum	96-1	26773394	27000578	27257380	27010451	0.90	cps
Molybdenum	97-1	15060711	15200190	15238549	15166483	0.62	cps
Molybdenum	98-1	39306319	39299750	39678686	39428252	0.55	cps
Neodymium	150-1	1320	1247	1227	1265	3.89	cps
Neodymium	150-2	153	167	127	149	13.68	cps
Nickel	60-2	1126948	1134259	1137009	1132739	0.46	cps
Phosphorus	31-2	92309	92326	90911	91849	0.88	cps
Potassium	39-2	43100177	43408559	43402637	43303791	0.41	cps
Rhodium	103-1	12438555	12486853	12613106	12512838	0.72	cps
Rhodium	103-2	5534560	5589981	5632642	5585728	0.88	cps
Scandium	45-1	8382517	8497773	8531184	8470491	0.92	cps
Scandium	45-2	333640	338605	337648	336631	0.78	cps
Selenium	77-2	7342	7655	7475	7491	2.10	cps
Selenium	78-2	24693	25328	25255	25092	1.38	cps
Selenium	82-1	193569	194239	194591	194133	0.27	cps
Silicon	28-1	5795110	5985236	6113435	5964593	2.69	cps
Silver	109-1	13080868	13096215	13178931	13118671	0.40	cps
Silver	107-1	13590877	13681528	13688075	13653494	0.40	cps
Sodium	23-2	182934887	184685237	185707633	184442586	0.76	cps
Strontium	86-1	3215426	3231843	3275158	3240809	0.95	cps
Strontium	88-1	27900475	28206292	28165724	28090830	0.59	cps
Sulfur	34-1	1443294	1448392	1469976	1453888	0.97	cps
Terbium	159-1	22271347	22528561	22475436	22425115	0.61	cps
Terbium	159-2	9749026	9847026	9934335	9843462	0.94	cps
Thallium	203-1	11831846	11976342	11834294	11880827	0.70	cps
Thallium	205-1	28544066	28644802	28358259	28515709	0.51	cps
Thorium	232-1	41804352	42120157	42222981	42049163	0.52	cps
Tin	118-1	8874993	8929608	8917649	8907417	0.32	cps
Titanium	47-1	6365818	6466591	6472239	6434883	0.93	cps
Uranium	238-1	41380943	41839427	41263110	41494493	0.73	cps
Vanadium	51-2	2070745	2075457	2080418	2075540	0.23	cps
Yttrium	89-1	14526004	14645639	14733462	14635035	0.71	cps
Yttrium	89-2	1819767	1840164	1840540	1833490	0.65	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P7
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 22:00:38	DataFile Name :	118CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	861160	867216	871975	866784	0.63	cps
Zirconium	90-1	16420812	16438847	16372746	16410801	0.21	cps
Zirconium	91-1	3656149	3649653	3653643	3653148	0.09	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB73 Instrumnet Name : P7
 Client Sample ID : CCB73 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 22:07:13 DataFile Name : 119CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	117	125	108	20.35	cps
Antimony	121-1	1025	1158	1092	1092	6.11	cps
Arsenic	75-2	17	20	20	19	11.16	cps
Barium	135-1	175	250	150	192	27.15	cps
Barium	137-1	242	392	292	308	24.77	cps
Beryllium	9-1	230	223	307	253	18.28	cps
Bismuth	209-1	15391078	15421771	15580004	15464284	0.66	cps
Bismuth	209-2	7784506	7863639	7801992	7816712	0.53	cps
Boron	10-1	6610	6343	5826	6260	6.36	cps
Boron	11-1	29839	28820	28436	29032	2.50	cps
Cadmium	111-1	4567	4309	4457	4444	2.91	cps
Cadmium	106-1	6277	5885	6143	6102	3.27	cps
Cadmium	108-1	21	33	38	31	28.39	cps
Calcium	43-1	358	367	400	375	5.88	cps
Calcium	44-1	9954	9787	10096	9945	1.55	cps
Chromium	52-2	4067	3967	3841	3958	2.87	cps
Cobalt	59-2	83	120	87	97	20.97	cps
Copper	63-2	4174	3894	4181	4083	4.01	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	75	75	58	69	13.85	cps
Erbium	164-2	27	37	17	27	37.50	cps
Gadolinium	160-1	150	150	117	139	13.86	cps
Gadolinium	160-2	243	273	227	248	9.54	cps
Holmium	165-1	23191051	22994793	23126433	23104092	0.43	cps
Holmium	165-2	10690219	10812993	10762452	10755222	0.57	cps
Indium	115-1	16556517	16394236	16641855	16530869	0.76	cps
Indium	115-2	2660857	2671648	2711777	2681427	1.00	cps
Iron	56-2	10715	11093	11516	11108	3.61	cps
Iron	57-2	206	206	256	222	12.99	cps
Krypton	83-1	617	637	563	606	6.26	cps
Lead	206-1	1917	2072	1928	1972	4.40	cps
Lead	207-1	1683	1811	1822	1772	4.36	cps
Lead	208-1	7707	7790	7929	7809	1.44	cps
Lithium	6-1	4128560	4098928	4143695	4123728	0.55	cps
Magnesium	24-2	1050	1233	1108	1131	8.29	cps

LB Number : LB100377 Operator : Jaswal
 Lab Sample ID : CCB73 Instrumnet Name : P7
 Client Sample ID : CCB73 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-17 22:07:13 DataFile Name : 119CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	193	263	267	241	17.17	cps
Molybdenum	94-1	1383	1200	1367	1317	7.70	cps
Molybdenum	95-1	1675	1208	1317	1400	17.45	cps
Molybdenum	96-1	1784	1634	1283	1567	16.38	cps
Molybdenum	97-1	983	1008	775	922	13.89	cps
Molybdenum	98-1	2359	2150	1784	2097	13.88	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	103	90	83	92	11.05	cps
Phosphorus	31-2	100	92	108	100	8.33	cps
Potassium	39-2	17853	18162	18262	18092	1.18	cps
Rhodium	103-1	14740335	14805976	14892031	14812781	0.51	cps
Rhodium	103-2	6683542	6656961	6733210	6691237	0.58	cps
Scandium	45-1	8875801	8890522	8991563	8919296	0.71	cps
Scandium	45-2	331105	332529	332990	332208	0.30	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	70	69	61	67	7.35	cps
Selenium	82-1	24	42	77	48	56.54	cps
Silicon	28-1	284537	284403	283310	284083	0.24	cps
Silver	109-1	1300	1092	1083	1158	10.60	cps
Silver	107-1	1100	1300	1258	1220	8.65	cps
Sodium	23-2	34198	34958	34348	34502	1.17	cps
Strontium	86-1	925	1208	1042	1058	13.46	cps
Strontium	88-1	433	467	533	478	10.66	cps
Sulfur	34-1	417011	416508	413867	415795	0.41	cps
Terbium	159-1	23208545	23038276	23173249	23140023	0.39	cps
Terbium	159-2	10301758	10403856	10407093	10370902	0.58	cps
Thallium	203-1	2292	2492	2175	2320	6.91	cps
Thallium	205-1	5526	5685	5118	5443	5.37	cps
Thorium	232-1	2428	2272	2389	2363	3.43	cps
Tin	118-1	1734	1767	1834	1778	2.86	cps
Titanium	47-1	200	183	300	228	27.70	cps
Uranium	238-1	542	500	708	583	18.90	cps
Vanadium	51-2	37	27	33	32	15.80	cps
Yttrium	89-1	15590763	15501899	15551520	15548061	0.29	cps
Yttrium	89-2	1872077	1873429	1894783	1880096	0.68	cps

LB Number :	LB100377	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P7
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2019-01-17 22:07:13	DataFile Name :	119CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	510	537	623	557	10.64	cps
Zirconium	90-1	1283	1558	1358	1400	10.15	cps
Zirconium	91-1	250	250	200	233	12.37	cps