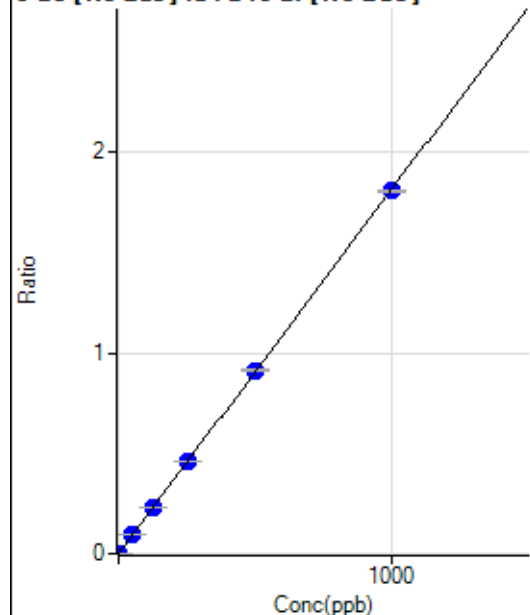


Batch Folder: D:\ICP-MS Data\P7030118-MS.b\
Analysis File: P7030118-MS.batch.bin
DA Date-Time: 2018-03-01 15:26:44
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2018-03-01 11:19:24
2			
3	006CALS.d	S02	2018-03-01 11:27:28
4	007CALS.d	S03	2018-03-01 11:31:21
5	008CALS.d	S04	2018-03-01 11:35:27
6	009CALS.d	S05	2018-03-01 11:39:16
7	010CALS.d	S06	2018-03-01 11:43:02
8	011CALS.d	S07	2018-03-01 11:46:46
9	012CALS.d	S08	2018-03-01 11:50:31

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.71	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.948	625.96	0.0017	P	9.1
4	☐	50.000	51.686	34227.99	0.0937	P	2.1
5	☐	125.000	127.781	88713.81	0.2317	P	1.6
6	☐	250.000	253.948	177577.83	0.4604	P	0.5
7	☐	500.000	504.291	343927.06	0.9142	P	0.7
8	☐	1000.000	996.436	645133.47	1.8064	P	0.8
9	☐			70.38	0.0002	P	32.5

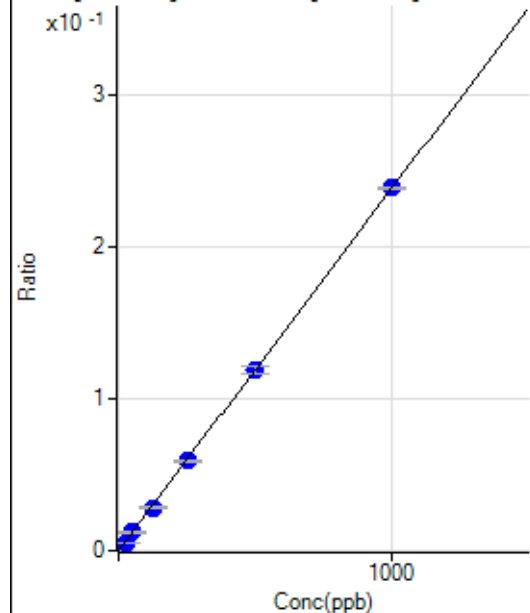
$$y = 0.0018 * x + 1.0259E-005$$

$$R = 1.0000$$

$$DL = 0.0147$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.44	0.0001	P	65.6
2	☐	2.500					
3	☐	25.000	20.701	1802.96	0.0050	P	9.4
4	☐	50.000	50.646	4428.63	0.0121	P	8.2
5	☐	125.000	118.080	10793.19	0.0282	P	6.6
6	☐	250.000	247.077	22726.10	0.0589	P	0.3
7	☐	500.000	497.344	44583.41	0.1185	P	4.2
8	☐	1000.000	1002.999	85360.43	0.2390	P	0.3
9	☐			1091.76	0.0035	P	15.2

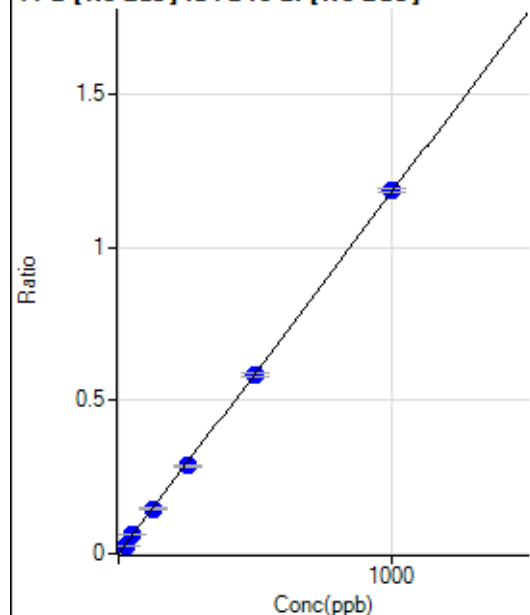
$$y = 2.3825E-004 * x + 5.3914E-005$$

$$R = 1.0000$$

$$DL = 0.4451$$

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	61.11	0.0002	P	28.9
2	☐	2.500					
3	☐	25.000	22.726	9759.05	0.0270	P	2.8
4	☐	50.000	51.042	22075.12	0.0604	P	2.2
5	☐	125.000	122.723	55511.20	0.1450	P	3.9
6	☐	250.000	242.640	110488.82	0.2864	P	1.7
7	☐	500.000	494.516	219529.22	0.5836	P	2.0
8	☐	1000.000	1004.871	423461.27	1.1858	P	0.9
9	☐			5228.88	0.0166	P	10.8

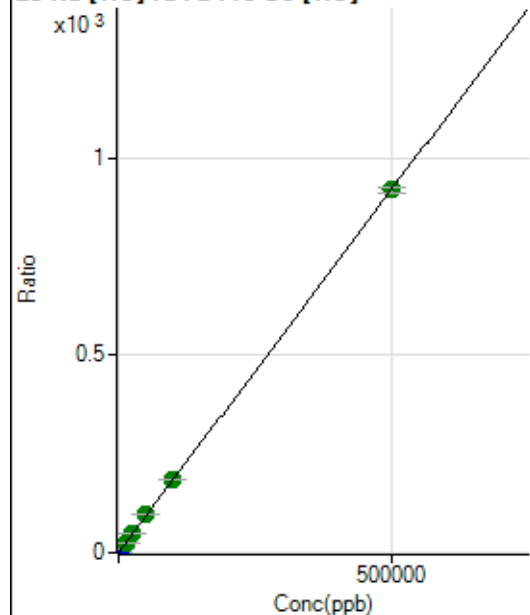
$$y = 0.0012 * x + 1.6944E-004$$

$$R = 0.9999$$

$$DL = 0.1245$$

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	8522.20	0.0336	P	3.6
2	☐	50.000					
3	☐	500.000	467.998	223172.57	0.8948	P	0.6
4	☐	5000.000	5331.185	2478612.02	9.8445	P	1.0
5	☐	12500.000	13527.537	5996083.07	24.9282	A	3.5
6	☐	25000.000	26638.327	11841814.33	49.0559	A	0.4
7	☐	50000.000	51953.368	23962855.57	95.6430	A	0.6
8	☐	100000.00	99994.010	48720411.50	184.0518	A	0.5
9	☐	500000.00	499694.97	257495758.5	919.6184	A	1.7

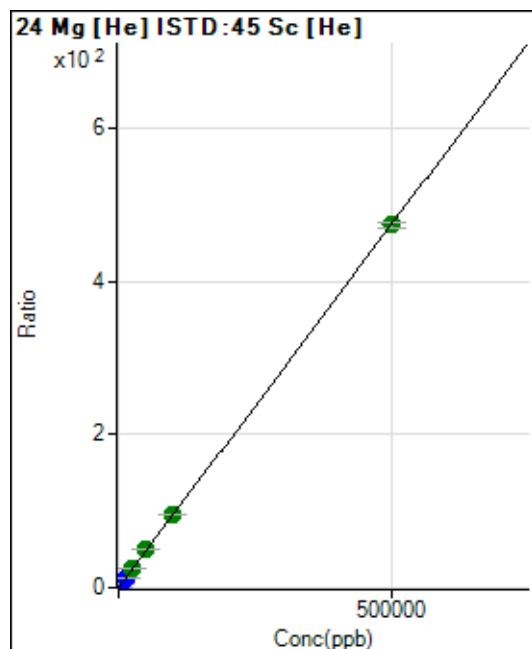
$$y = 0.0018 * x + 0.0336$$

$$R = 1.0000$$

$$DL = 1.997$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0004	P	28.2
2	☐	50.000					
3	☐	500.000	476.914	113046.59	0.4531	P	1.4
4	☐	5000.000	5419.373	1295137.72	5.1440	P	0.5
5	☐	12500.000	13828.519	3156819.27	13.1251	P	3.8
6	☐	25000.000	27038.953	6194939.11	25.6631	A	0.4
7	☐	50000.000	52516.208	12487918.42	49.8435	A	0.7
8	☐	100000.00	100873.09	25343745.53	95.7390	A	0.1
9	☐	500000.00	499434.43	132726564.0	474.0134	A	1.6

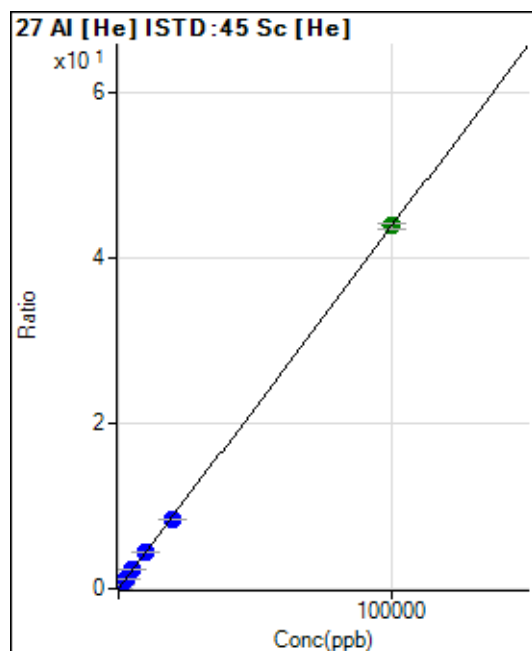
$$y = 9.4910\text{E-}004 * x + 4.2732\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.3807$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0002	P	26.9
2	☐	2.000					
3	☐	20.000	19.866	2222.49	0.0089	P	6.8
4	☐	1000.000	1024.131	113077.82	0.4491	P	1.6
5	☐	2500.000	2603.336	274523.65	1.1414	P	3.8
6	☐	5000.000	5101.592	539885.14	2.2365	P	0.6
7	☐	10000.000	9972.058	1095285.72	4.3716	P	0.4
8	☐	20000.000	19277.112	2236982.37	8.4506	P	0.3
9	☐	100000.00	100139.46	12291856.09	43.8979	A	1.6

$$y = 4.3837\text{E-}004 * x + 1.8603\text{E-}004$$

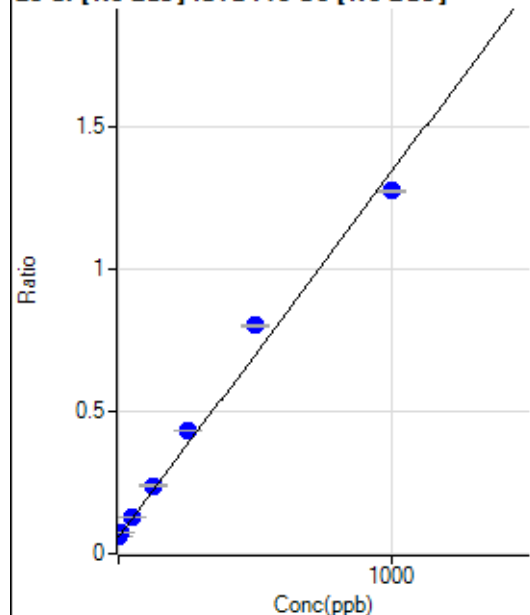
$$R = 1.0000$$

$$DL = 0.3424$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	176451.36	0.0583	P	0.3
2	☐	1.000					
3	☐	10.000	12.824	226694.45	0.0748	P	2.0
4	☐	50.000	55.358	388131.86	0.1294	P	1.3
5	☐	125.000	141.196	719660.34	0.2397	P	1.8
6	☐	250.000	290.642	1262703.93	0.4318	P	0.7
7	☐	500.000	579.308	2383172.97	0.8027	P	0.7
8	☐	1000.000	947.865	3962160.20	1.2763	P	0.3
9	☐			395005.23	0.1239	P	1.1

$$y = 0.0013 * x + 0.0583$$

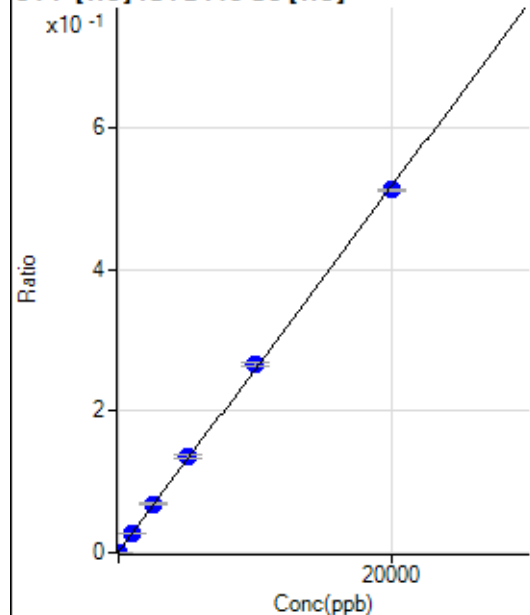
$$R = 0.9941$$

$$DL = 0.4227$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-3.615	283.35	0.0011	P	9.4
2	☐	0.000					
3	☐	0.000	3.615	325.02	0.0013	P	7.7
4	☐	1000.000	1045.459	7107.52	0.0282	P	2.2
5	☐	2500.000	2607.180	16498.59	0.0686	P	4.4
6	☐	5000.000	5206.950	32770.37	0.1358	P	3.1
7	☐	10000.000	10241.555	66619.06	0.2659	P	1.7
8	☐	20000.000	19811.815	135850.09	0.5132	P	0.2
9	☐			319.46	0.0011	P	9.0

$$y = 2.5842E-005 * x + 0.0012$$

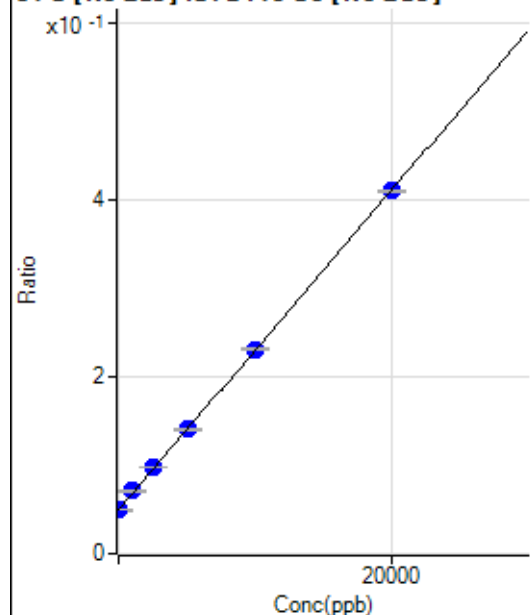
$$R = 0.9998$$

$$DL = 11.96$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-28.403	148601.37	0.0491	P	0.8
2	☐	0.000					
3	☐	0.000	28.403	151928.64	0.0501	P	2.7
4	☐	1000.000	1176.673	212399.77	0.0708	P	2.7
5	☐	2500.000	2659.184	293061.53	0.0976	P	0.8
6	☐	5000.000	5013.836	409805.23	0.1401	P	0.5
7	☐	10000.000	10029.498	684905.52	0.2307	P	0.6
8	☐	20000.000	19953.060	1272415.49	0.4099	P	0.5
9	☐			125657.23	0.0394	P	2.3

$$y = 1.8056E-005 * x + 0.0496$$

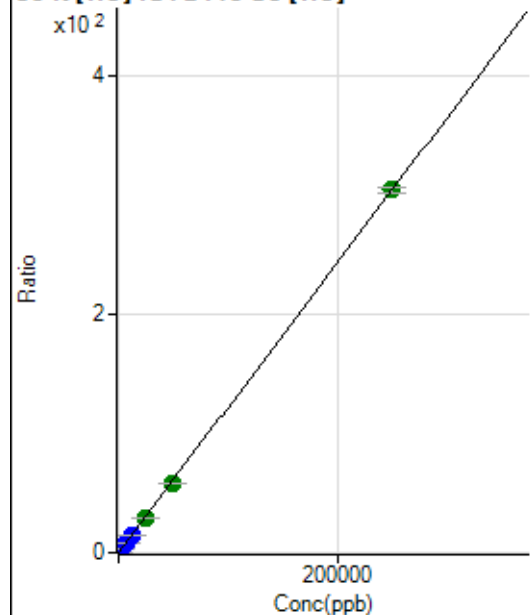
$$R = 0.9999$$

$$DL = 146.7$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26115.45	0.1029	P	1.7
2	☐	50.000					
3	☐	500.000	444.743	160251.09	0.6426	P	1.2
4	☐	2500.000	2482.991	784606.79	3.1163	P	0.6
5	☐	6250.000	6212.546	1838126.95	7.6425	P	3.9
6	☐	12500.000	12245.226	3612156.15	14.9637	P	0.5
7	☐	25000.000	24111.539	7357121.00	29.3647	A	0.7
8	☐	50000.000	47362.153	15242504.51	57.5816	A	0.4
9	☐	250000.00	250630.37	85198660.24	304.2680	A	1.6

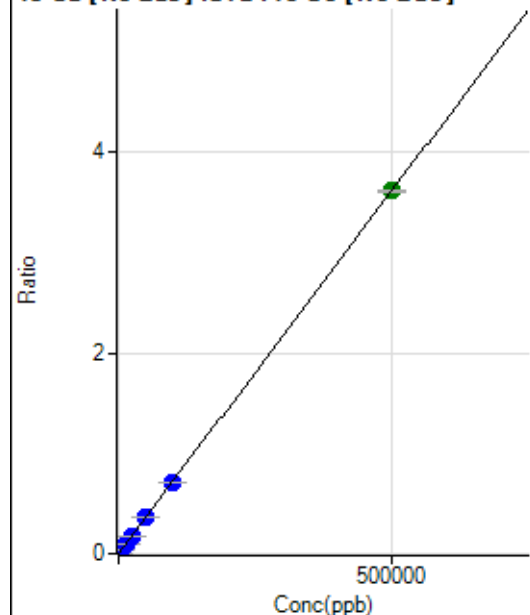
$$y = 0.0012 * x + 0.1029$$

$$R = 0.9999$$

$$DL = 4.381$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	325.02	0.0001	P	33.7
2	☐	50.000					
3	☐	500.000	444.124	10053.80	0.0033	P	3.1
4	☐	5000.000	4965.837	107922.62	0.0360	P	1.1
5	☐	12500.000	12313.478	267404.82	0.0891	P	0.5
6	☐	25000.000	24653.374	521176.22	0.1782	P	0.8
7	☐	50000.000	49558.931	1063271.45	0.3581	P	0.8
8	☐	100000.00	98044.390	2199172.79	0.7084	P	0.2
9	☐	500000.00	500457.62	11527440.45	3.6156	A	0.9

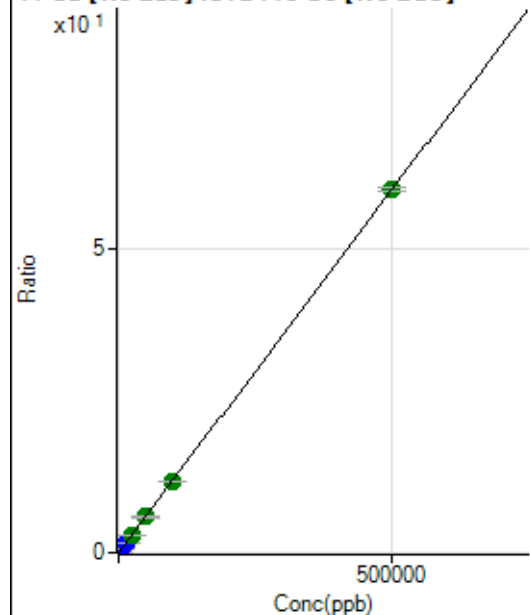
$$y = 7.2244\text{E-}006 * x + 1.0748\text{E-}004$$

$$R = 1.0000$$

$$DL = 15.04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16852.02	0.0056	P	2.6
2	☐	50.000					
3	☐	500.000	432.850	173599.69	0.0572	P	1.4
4	☐	5000.000	4942.899	1787095.14	0.5957	P	0.1
5	☐	12500.000	12497.559	4496599.15	1.4977	P	0.6
6	☐	25000.000	24392.731	8533394.37	2.9179	A	0.2
7	☐	50000.000	49145.621	17437020.70	5.8733	A	0.5
8	☐	100000.00	97520.354	36161832.06	11.6489	A	0.5
9	☐	500000.00	500612.43	190579277.8	59.7757	A	1.0

$$y = 1.1939\text{E-}004 * x + 0.0056$$

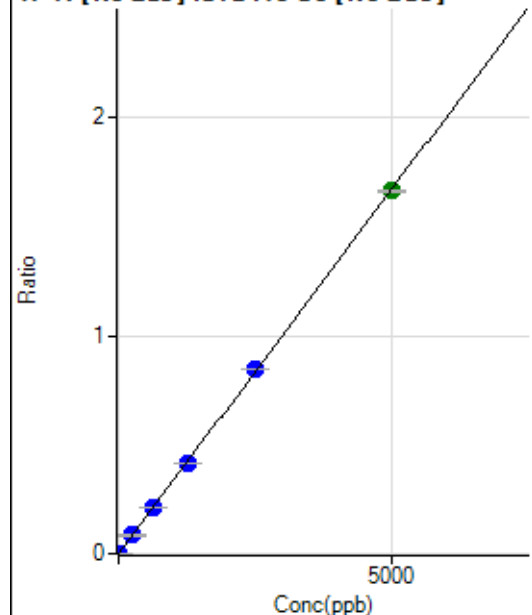
$$R = 1.0000$$

$$DL = 3.572$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.44	0.0000	P	42.7
2	☐	0.500					
3	☐	5.000	4.417	4523.12	0.0015	P	4.3
4	☐	250.000	251.711	252382.15	0.0841	P	0.8
5	☐	625.000	627.330	629565.53	0.2097	P	0.4
6	☐	1250.000	1252.511	1224332.95	0.4186	P	0.0
7	☐	2500.000	2532.791	2513352.03	0.8466	P	0.7
8	☐	5000.000	4982.601	5169831.80	1.6654	A	0.6
9	☐			1669.62	0.0005	P	8.3

$$y = 3.3424\text{E-}004 * x + 1.4657\text{E-}005$$

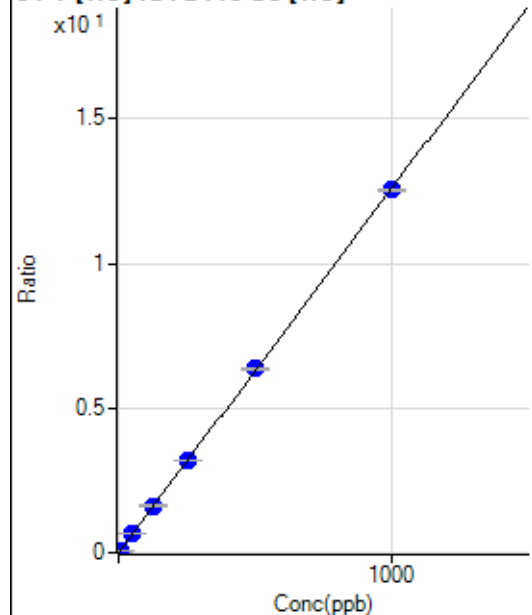
$$R = 1.0000$$

$$DL = 0.05618$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.89	0.0001	P	37.3
2	☐	0.500					
3	☐	5.000	4.469	14045.75	0.0563	P	2.4
4	☐	50.000	50.615	160443.53	0.6372	P	0.8
5	☐	125.000	128.694	389624.56	1.6201	P	4.3
6	☐	250.000	252.481	767256.84	3.1784	P	0.2
7	☐	500.000	504.540	1591289.75	6.3513	P	0.5
8	☐	1000.000	996.620	3320990.06	12.5457	P	0.6
9	☐			853.37	0.0030	P	4.7

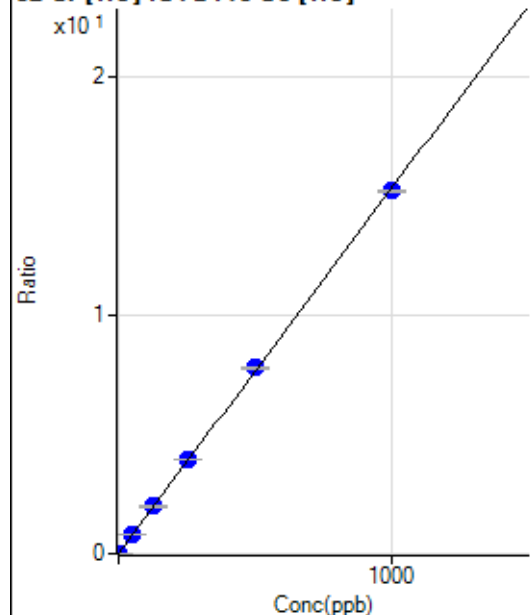
$$y = 0.0126 * x + 7.4544\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.006622$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2064.62	0.0081	P	2.3
2	☐	0.200					
3	☐	2.000	1.991	9652.19	0.0387	P	2.3
4	☐	50.000	51.535	201062.19	0.7986	P	0.7
5	☐	125.000	130.607	483788.30	2.0113	P	3.6
6	☐	250.000	255.540	948103.73	3.9276	P	0.2
7	☐	500.000	508.874	1957536.67	7.8131	P	0.4
8	☐	1000.000	993.400	4035371.57	15.2447	P	0.7
9	☐			99949.32	0.3570	P	2.2

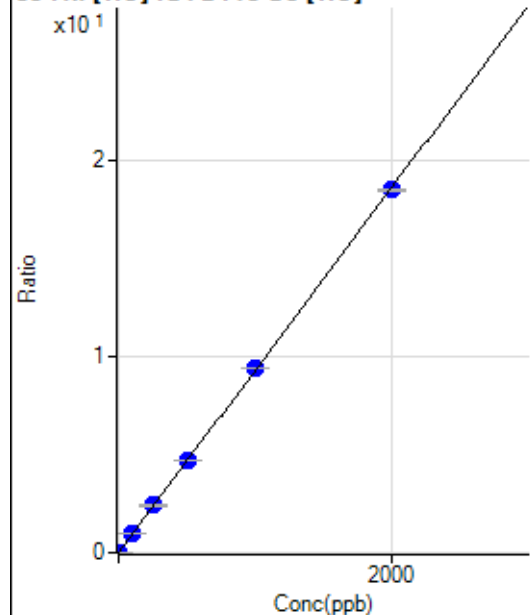
$$y = 0.0153 * x + 0.0081$$

$$R = 0.9999$$

$$DL = 0.03641$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0002	P	34.8
2	☐	0.100					
3	☐	1.000	0.971	2305.78	0.0092	P	3.5
4	☐	100.000	103.159	241870.44	0.9606	P	0.4
5	☐	250.000	259.972	582146.86	2.4206	P	4.2
6	☐	500.000	506.603	1138620.91	4.7168	P	0.6
7	☐	1000.000	1014.961	2367625.24	9.4498	P	0.4
8	☐	2000.000	1989.464	4903200.13	18.5227	P	0.2
9	☐			18419.52	0.0658	P	2.2

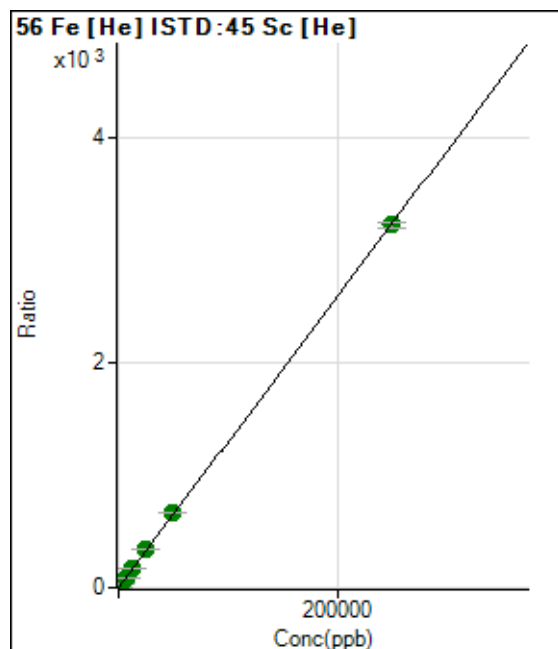
$$y = 0.0093 * x + 1.9680E-004$$

$$R = 0.9999$$

$$DL = 0.02209$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3758.01	0.0148	P	3.0
2	☐	5.000					
3	☐	50.000	48.594	160278.72	0.6426	P	0.3
4	☐	2500.000	2692.831	8762718.89	34.8028	A	0.7
5	☐	6250.000	6799.724	21130390.75	87.8588	A	4.0
6	☐	12500.000	13257.990	41348738.89	171.2916	A	0.6
7	☐	25000.000	26349.489	85289294.50	340.4176	A	0.7
8	☐	50000.000	51057.180	174605270.5	659.6104	A	0.4
9	☐	250000.00	249600.04	902877397.9	3,224.538	A	1.8

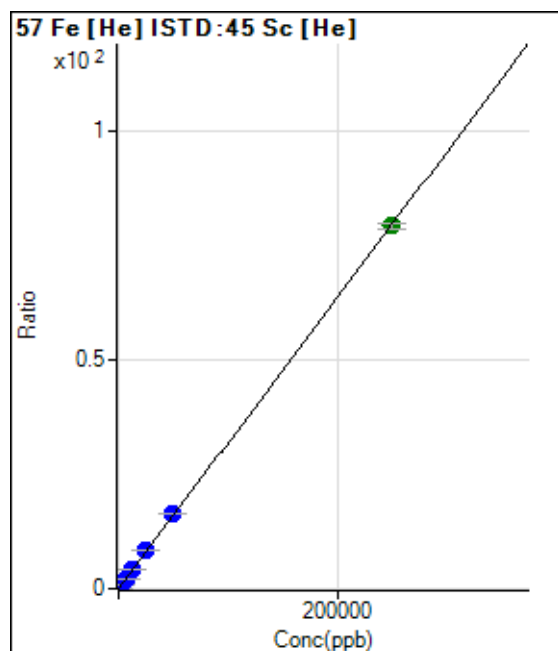
$$y = 0.0129 * x + 0.0148$$

$$R = 1.0000$$

$$DL = 0.1033$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	235.19	0.0009	P	29.2
2	☐	5.000					
3	☐	50.000	49.280	4132.19	0.0166	P	3.0
4	☐	2500.000	2685.037	214980.40	0.8538	P	1.1
5	☐	6250.000	6793.540	519227.43	2.1589	P	4.0
6	☐	12500.000	13267.934	1017589.86	4.2155	P	0.8
7	☐	25000.000	26327.227	2095517.70	8.3639	P	0.8
8	☐	50000.000	51635.303	4342088.44	16.4031	P	0.3
9	☐	250000.00	249486.38	22190668.78	79.2511	A	1.7

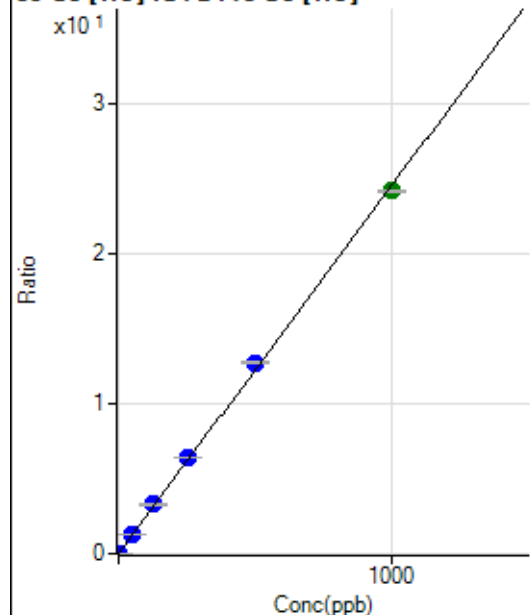
$$y = 3.1765E-004 * x + 9.2615E-004$$

$$R = 1.0000$$

$$DL = 2.554$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	207.79	0.0008	P	11.3
2	☐	0.100					
3	☐	1.000	0.996	6283.66	0.0252	P	1.5
4	☐	50.000	53.085	327367.54	1.3002	P	0.5
5	☐	125.000	133.800	787923.35	3.2759	P	3.8
6	☐	250.000	261.935	1547920.43	6.4123	P	0.1
7	☐	500.000	518.869	3182229.47	12.7014	P	0.7
8	☐	1000.000	986.327	6390873.52	24.1435	A	0.8
9	☐			8965.11	0.0320	P	2.8

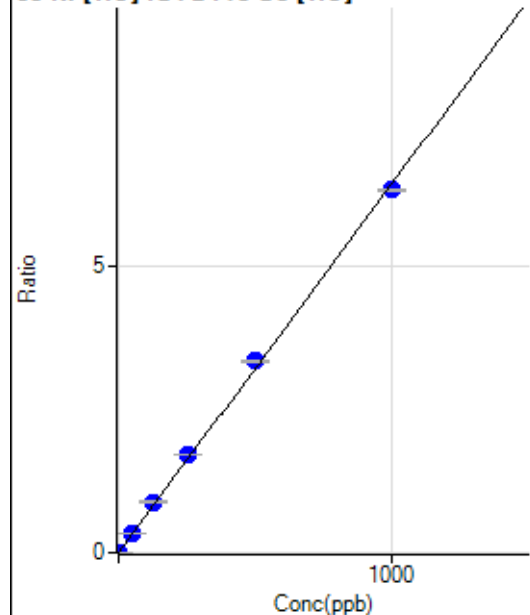
$$y = 0.0245 * x + 8.1886E-004$$

$$R = 0.9996$$

$$DL = 0.01138$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.11	0.0003	P	23.2
2	☐	0.100					
3	☐	1.000	0.982	1652.35	0.0066	P	5.9
4	☐	50.000	54.387	88062.45	0.3498	P	1.1
5	☐	125.000	137.122	212007.56	0.8813	P	3.1
6	☐	250.000	264.343	410068.16	1.6987	P	0.3
7	☐	500.000	519.695	836645.57	3.3394	P	0.9
8	☐	1000.000	984.832	1675045.63	6.3279	P	0.5
9	☐			25281.98	0.0903	P	0.6

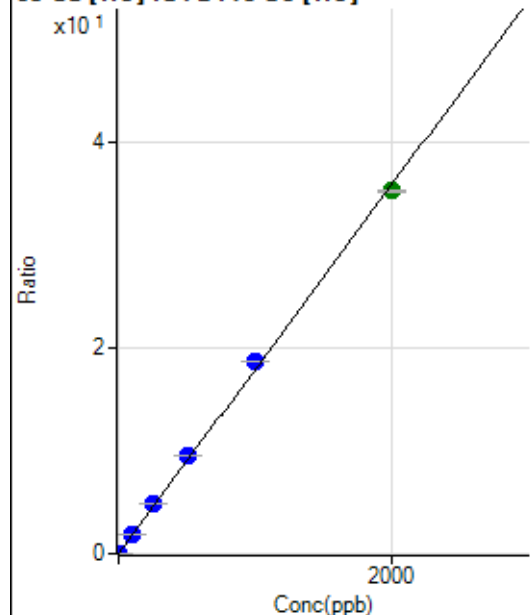
$$y = 0.0064 * x + 3.1953E-004$$

$$R = 0.9996$$

$$DL = 0.03466$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1017.83	0.0040	P	2.2
2	☐	0.200					
3	☐	2.000	1.983	9864.60	0.0396	P	2.8
4	☐	100.000	107.457	486219.10	1.9311	P	0.6
5	☐	250.000	270.686	1168604.32	4.8585	P	3.6
6	☐	500.000	529.875	2294879.81	9.5067	P	0.3
7	☐	1000.000	1042.547	4685398.64	18.7009	P	0.8
8	☐	2000.000	1968.299	9345054.93	35.3032	A	0.6
9	☐			14925.55	0.0533	P	1.7

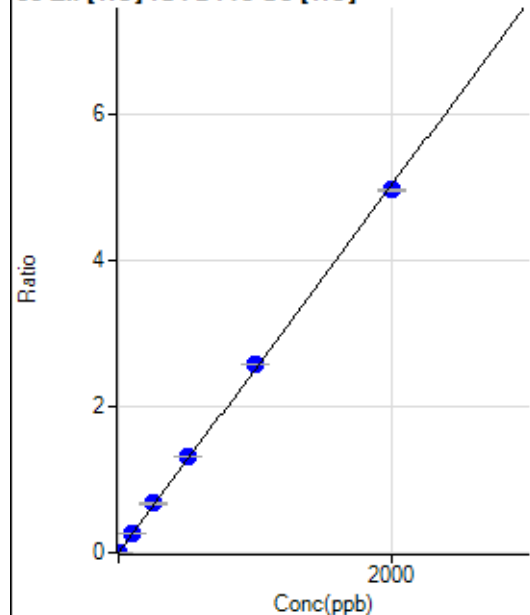
$$y = 0.0179 * x + 0.0040$$

$$R = 0.9995$$

$$DL = 0.01508$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.67	0.0005	P	14.5
2	☐	0.200					
3	☐	2.000	2.114	1456.76	0.0058	P	5.4
4	☐	100.000	107.041	67816.67	0.2693	P	0.4
5	☐	250.000	270.228	163351.91	0.6791	P	3.6
6	☐	500.000	526.464	319274.63	1.3226	P	0.5
7	☐	1000.000	1029.558	647919.85	2.5860	P	0.2
8	☐	2000.000	1975.724	1313516.33	4.9621	P	0.4
9	☐			4970.92	0.0178	P	1.8

$$y = 0.0025 * x + 5.3840E-004$$

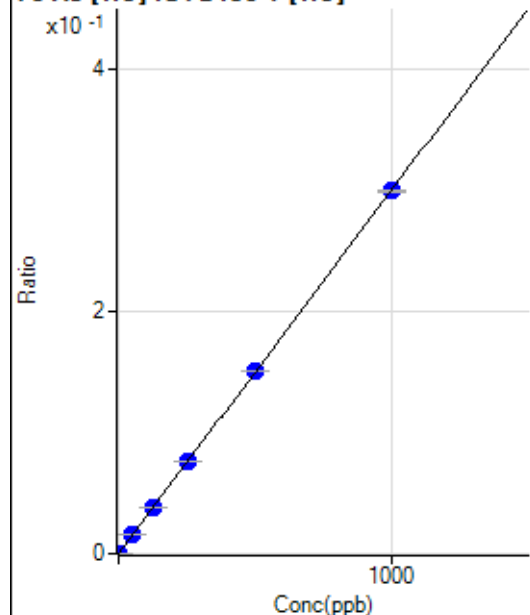
$$R = 0.9997$$

$$DL = 0.09344$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.81	0.0000	P	43.5
2	☐	0.100					
3	☐	1.000	0.914	451.86	0.0003	P	6.3
4	☐	50.000	51.054	24614.73	0.0153	P	0.5
5	☐	125.000	127.544	58751.30	0.0383	P	2.2
6	☐	250.000	252.882	116142.33	0.0759	P	0.2
7	☐	500.000	501.251	240419.42	0.1504	P	0.1
8	☐	1000.000	998.283	498696.01	0.2995	P	0.3
9	☐			256.79	0.0001	P	9.0

$$y = 3.0000\text{E-}004 * x + 9.0989\text{E-}006$$

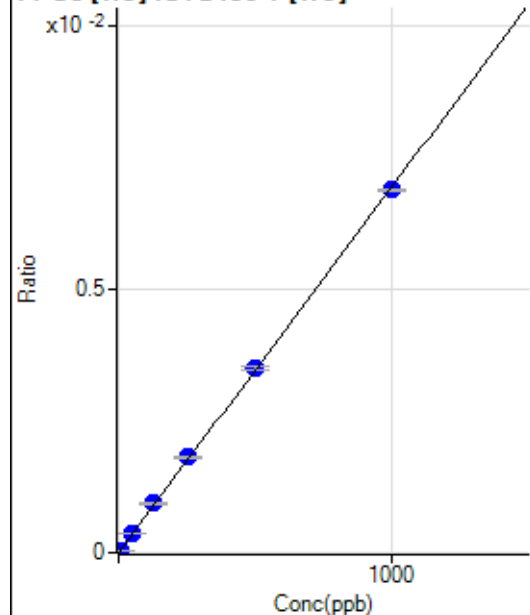
$$R = 1.0000$$

$$DL = 0.03959$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.956	65.56	0.0000	P	18.5
4	☐	50.000	53.273	593.35	0.0004	P	2.0
5	☐	125.000	134.367	1430.10	0.0009	P	3.9
6	☐	250.000	260.982	2770.31	0.0018	P	2.3
7	☐	500.000	505.314	5602.28	0.0035	P	1.8
8	☐	1000.000	993.258	11469.14	0.0069	P	0.3
9	☐			10.00	0.0000	P	34.9

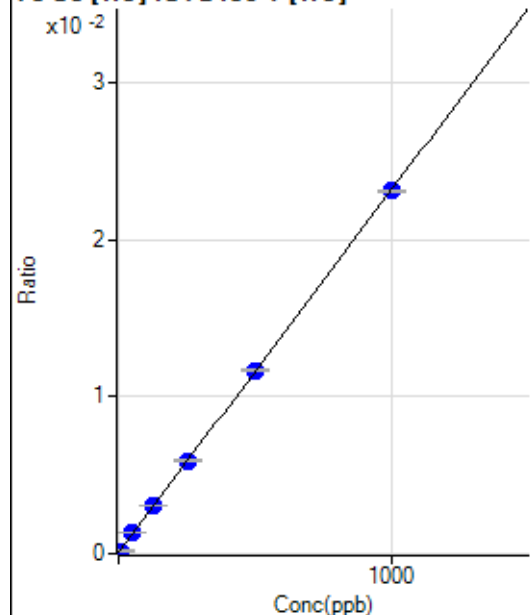
$$y = 6.9345\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	117.28	0.0001	P	19.3
2	☐	0.500					
3	☐	5.000	4.676	287.66	0.0002	P	8.9
4	☐	50.000	53.291	2095.85	0.0013	P	2.5
5	☐	125.000	130.740	4754.53	0.0031	P	1.0
6	☐	250.000	253.431	9085.02	0.0059	P	1.4
7	☐	500.000	502.402	18697.91	0.0117	P	0.9
8	☐	1000.000	997.061	38531.89	0.0231	P	0.6
9	☐			159.26	0.0001	P	13.6

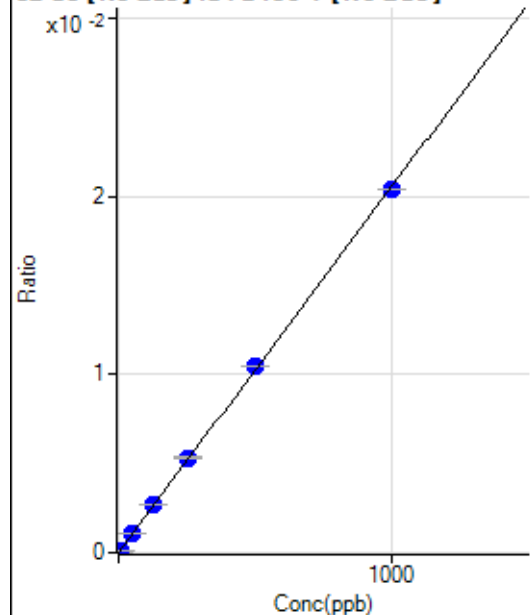
$$y = 2.3136\text{E-}005 * x + 7.1956\text{E-}005$$

R = 1.0000

DL = 1.801

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.72	0.0000	P	2296.
2	☐	0.500					
3	☐	5.000	4.850	692.14	0.0001	P	1.0
4	☐	50.000	53.170	7491.32	0.0011	P	0.6
5	☐	125.000	130.876	18538.51	0.0027	P	0.2
6	☐	250.000	259.781	36118.20	0.0053	P	1.1
7	☐	500.000	509.686	72445.00	0.0105	P	0.3
8	☐	1000.000	991.819	147478.84	0.0203	P	0.2
9	☐			227.33	0.0000	P	21.3

$$y = 2.0510\text{E-}005 * x + 2.4062\text{E-}007$$

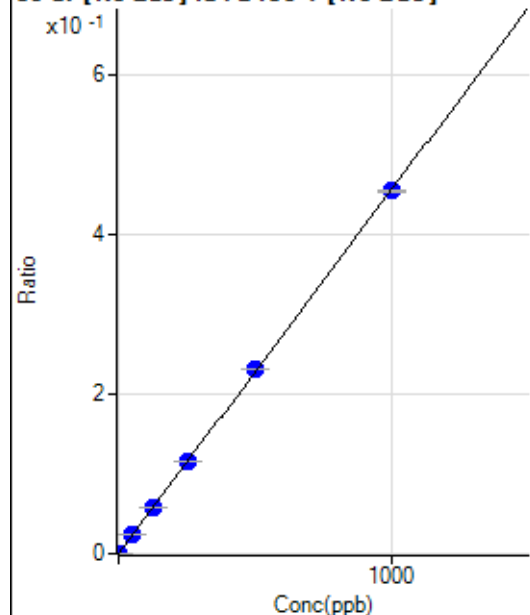
R = 0.9999

DL = 0.8084

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	708.38	0.0001	P	8.2
2	☐	0.100					
3	☐	1.000	0.950	3722.87	0.0005	P	4.4
4	☐	50.000	50.815	159659.16	0.0232	P	0.9
5	☐	125.000	126.855	399674.70	0.0579	P	0.5
6	☐	250.000	251.288	776442.67	0.1145	P	0.4
7	☐	500.000	505.170	1595035.52	0.2302	P	0.2
8	☐	1000.000	996.820	3291970.82	0.4541	P	0.5
9	☐			108656.40	0.0155	P	0.6

$$y = 4.5542\text{E-}004 * x + 1.0378\text{E-}004$$

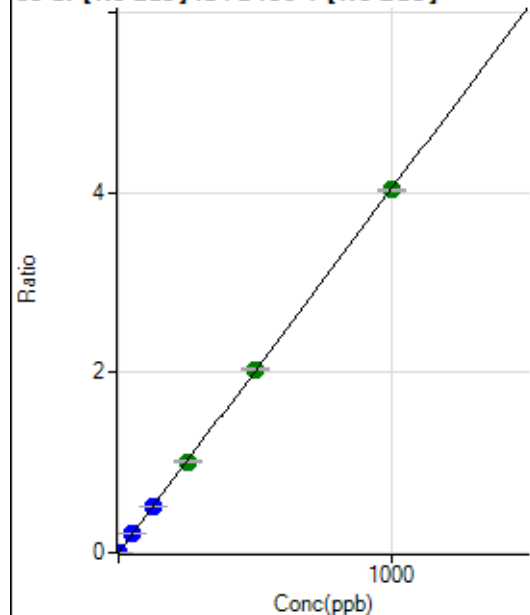
$$R = 1.0000$$

$$DL = 0.05615$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	26.1
2	☐	0.100					
3	☐	1.000	0.930	26199.63	0.0038	P	1.5
4	☐	50.000	50.771	1411155.68	0.2055	P	0.4
5	☐	125.000	127.538	3564050.26	0.5161	P	0.5
6	☐	250.000	250.584	6873504.58	1.0140	A	1.0
7	☐	500.000	504.496	14147341.11	2.0415	A	0.3
8	☐	1000.000	997.250	29255979.47	4.0355	A	0.4
9	☐			964020.30	0.1374	P	1.3

$$y = 0.0040 * x + 1.2203\text{E-}005$$

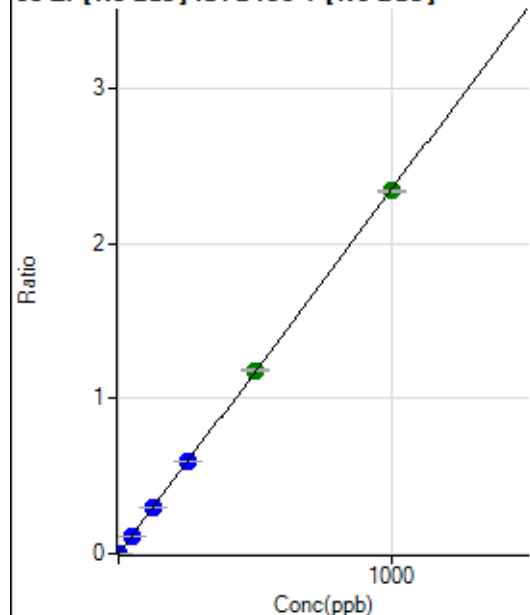
$$R = 1.0000$$

$$DL = 0.002359$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	477.80	0.0001	P	15.7
2	☐	0.100					
3	☐	1.000	0.867	14605.22	0.0021	P	5.5
4	☐	50.000	49.560	800002.38	0.1165	P	1.0
5	☐	125.000	126.875	2058311.79	0.2981	P	0.1
6	☐	250.000	254.749	4056219.14	0.5984	P	0.3
7	☐	500.000	504.273	8208159.56	1.1844	A	0.5
8	☐	1000.000	996.464	16967611.49	2.3404	A	0.4
9	☐			5576.30	0.0008	P	4.3

$$y = 0.0023 * x + 7.0005E-005$$

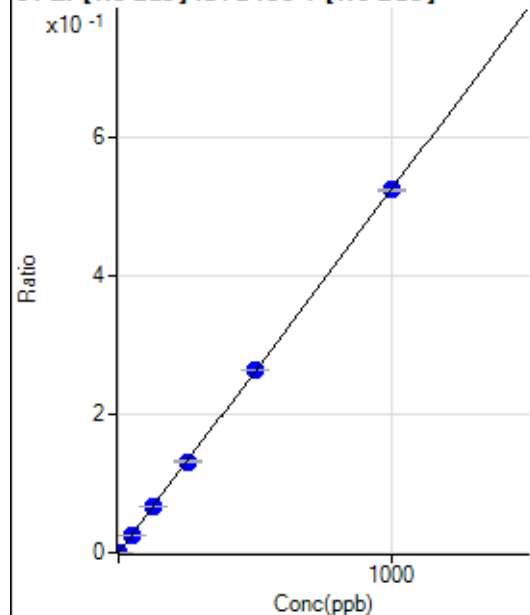
$$R = 1.0000$$

$$DL = 0.01405$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0000	P	24.6
2	☐	0.100					
3	☐	1.000	0.843	3189.41	0.0005	P	8.6
4	☐	50.000	49.671	179124.62	0.0261	P	0.2
5	☐	125.000	125.463	454721.07	0.0658	P	0.2
6	☐	250.000	251.251	893733.06	0.1318	P	0.5
7	☐	500.000	501.735	1824489.48	0.2633	P	0.5
8	☐	1000.000	998.778	3799404.69	0.5241	P	0.3
9	☐			1236.22	0.0002	P	3.6

$$y = 5.2470E-004 * x + 1.7091E-005$$

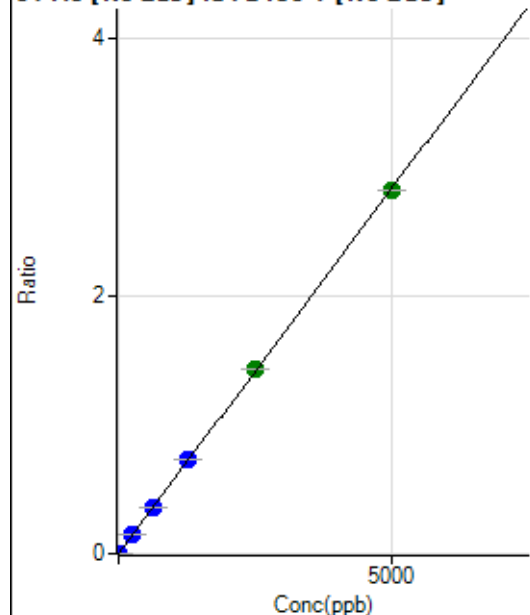
$$R = 1.0000$$

$$DL = 0.02406$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	227.79	0.0000	P	9.2
2	☐	0.500					
3	☐	5.000	4.338	17272.24	0.0025	P	1.2
4	☐	250.000	251.901	979427.27	0.1426	P	0.6
5	☐	625.000	640.388	2503177.38	0.3625	P	0.5
6	☐	1250.000	1294.228	4965554.50	0.7325	P	0.4
7	☐	2500.000	2530.287	9924465.59	1.4321	A	0.4
8	☐	5000.000	4971.782	20400664.00	2.8140	A	0.1
9	☐			17747.83	0.0025	P	1.1

$$y = 5.6598E-004 * x + 3.3377E-005$$

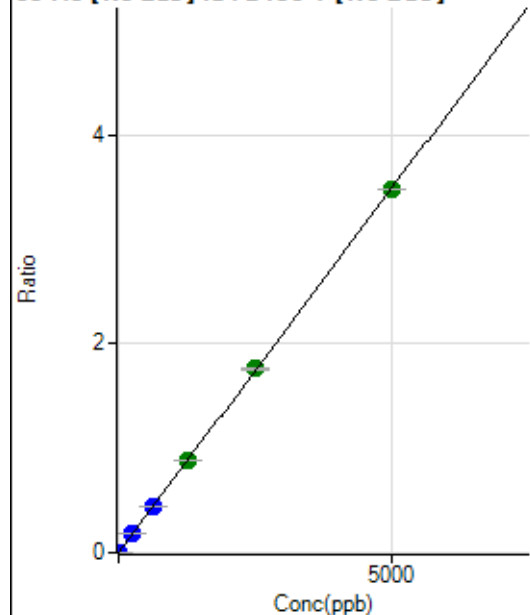
$$R = 0.9999$$

$$DL = 0.01635$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	0.4
2	☐	0.500					
3	☐	5.000	4.466	21669.98	0.0031	P	1.5
4	☐	250.000	252.337	1209805.11	0.1761	P	0.3
5	☐	625.000	639.390	3082108.64	0.4463	P	0.5
6	☐	1250.000	1263.733	5979518.71	0.8821	A	0.3
7	☐	2500.000	2527.423	12225792.20	1.7642	A	0.6
8	☐	5000.000	4980.940	25206208.90	3.4768	A	0.1
9	☐			28022.91	0.0040	P	4.1

$$y = 6.9803E-004 * x + 4.8836E-006$$

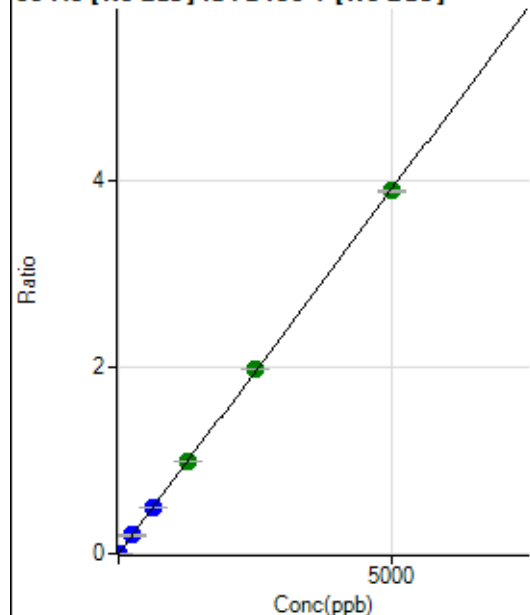
$$R = 1.0000$$

$$DL = 7.468E-05$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0000	P	31.4
2	☐	0.500					
3	☐	5.000	4.325	23595.40	0.0034	P	1.8
4	☐	250.000	251.097	1349427.43	0.1965	P	0.5
5	☐	625.000	634.945	3430803.55	0.4968	P	0.3
6	☐	1250.000	1260.092	6683190.95	0.9859	A	0.1
7	☐	2500.000	2531.154	13724041.45	1.9804	A	0.3
8	☐	5000.000	4980.602	28251655.84	3.8969	A	0.3
9	☐			38308.17	0.0055	P	1.4

$$y = 7.8242\text{E-}004 * x + 1.6289\text{E-}005$$

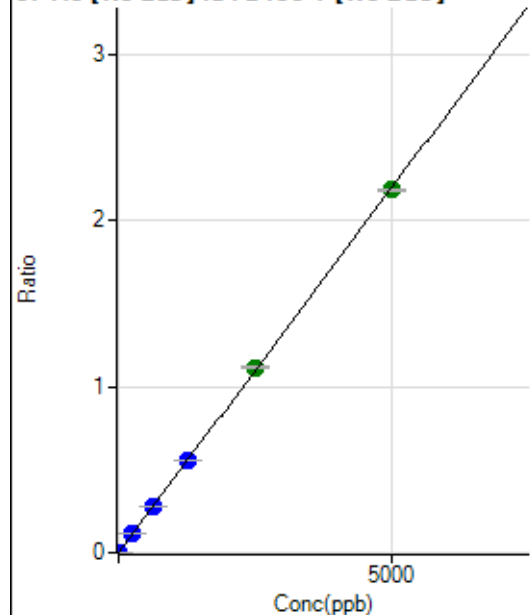
$$R = 1.0000$$

$$DL = 0.01963$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	56.9
2	☐	0.500					
3	☐	5.000	4.402	13451.31	0.0019	P	2.4
4	☐	250.000	250.826	756872.84	0.1102	P	0.2
5	☐	625.000	632.359	1918475.13	0.2778	P	0.4
6	☐	1250.000	1266.825	3772506.33	0.5565	P	0.6
7	☐	2500.000	2540.293	7733629.17	1.1160	A	0.5
8	☐	5000.000	4974.687	15843860.08	2.1855	A	0.7
9	☐			17113.73	0.0024	P	0.3

$$y = 4.3931\text{E-}004 * x + 4.4810\text{E-}006$$

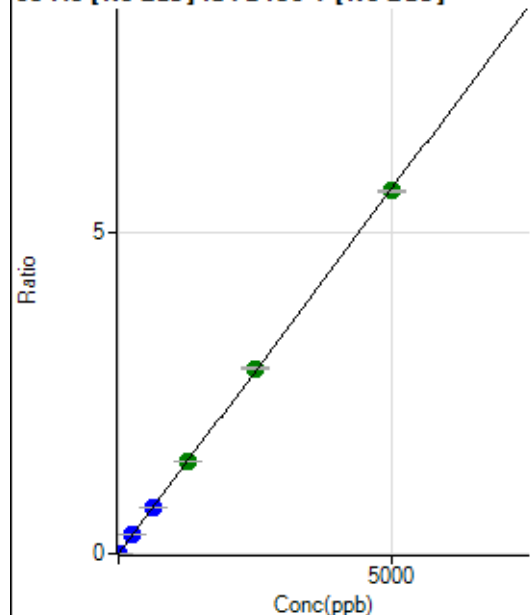
$$R = 0.9999$$

$$DL = 0.01742$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75.00	0.0000	P	40.2
2	☐	0.500					
3	☐	5.000	4.453	35202.79	0.0051	P	1.1
4	☐	250.000	253.204	1976701.48	0.2878	P	0.4
5	☐	625.000	641.564	5035828.02	0.7292	P	0.1
6	☐	1250.000	1263.959	9738377.82	1.4367	A	0.6
7	☐	2500.000	2541.658	20019832.39	2.8889	A	0.2
8	☐	5000.000	4973.451	40982146.40	5.6529	A	0.4
9	☐			44559.91	0.0064	P	1.2

$$y = 0.0011 * x + 1.0993E-005$$

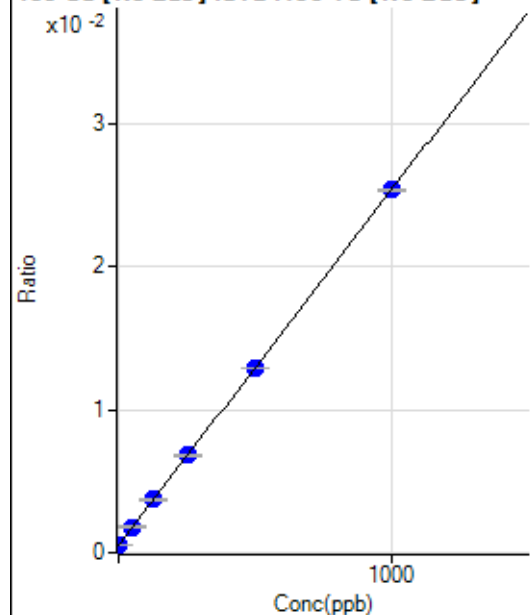
$$R = 0.9999$$

$$DL = 0.01168$$

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	4837.12	0.0005	P	1.4
2	☐	0.100					
3	☐	1.000	0.488	5078.94	0.0005	P	2.9
4	☐	50.000	51.588	17364.10	0.0018	P	2.8
5	☐	125.000	128.071	36787.69	0.0037	P	1.5
6	☐	250.000	252.727	67701.51	0.0068	P	1.8
7	☐	500.000	498.714	131328.44	0.0129	P	0.9
8	☐	1000.000	999.498	261986.87	0.0253	P	0.4
9	☐			4873.27	0.0005	P	3.7

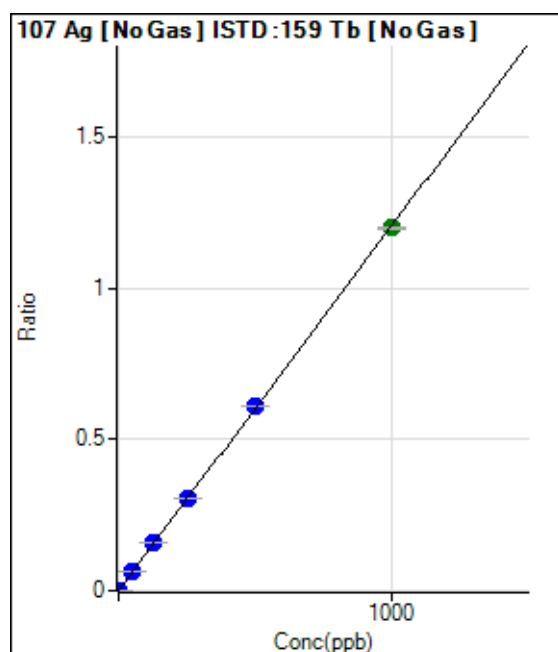
$$y = 2.4839E-005 * x + 5.1319E-004$$

$$R = 1.0000$$

$$DL = 0.8799$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	66.3
2	☐	0.100					
3	☐	1.000	0.966	11346.71	0.0012	P	2.5
4	☐	50.000	53.754	627706.06	0.0649	P	0.3
5	☐	125.000	131.110	1575863.95	0.1583	P	0.5
6	☐	250.000	255.062	3069180.49	0.3079	P	0.3
7	☐	500.000	505.563	6211724.10	0.6102	P	0.7
8	☐	1000.000	995.002	12416460.08	1.2010	A	0.2
9	☐			972.30	0.0001	P	2.5

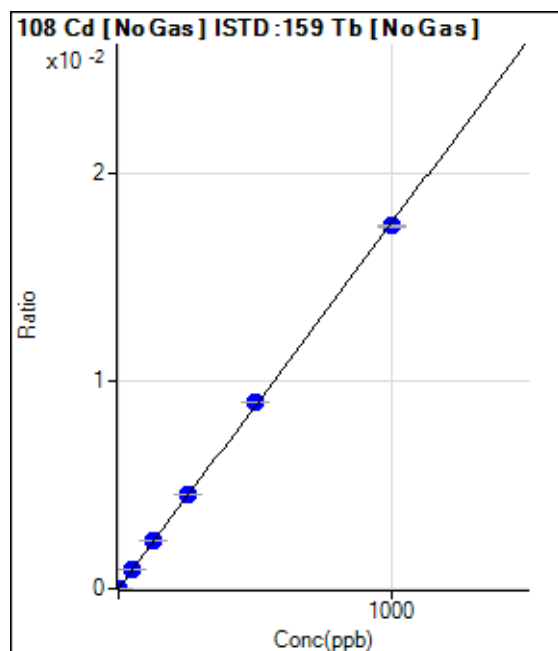
$$y = 0.0012 * x + 7.3753E-006$$

$$R = 1.0000$$

$$DL = 0.01215$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.34	0.0000	P	86.4
2	☐	0.100					
3	☐	1.000	0.821	148.61	0.0000	P	27.5
4	☐	50.000	53.888	9182.30	0.0009	P	3.2
5	☐	125.000	131.546	23053.77	0.0023	P	2.2
6	☐	250.000	257.209	45120.54	0.0045	P	1.2
7	☐	500.000	509.868	91320.71	0.0090	P	0.4
8	☐	1000.000	992.251	180490.94	0.0175	P	0.9
9	☐			50.00	0.0000	P	25.2

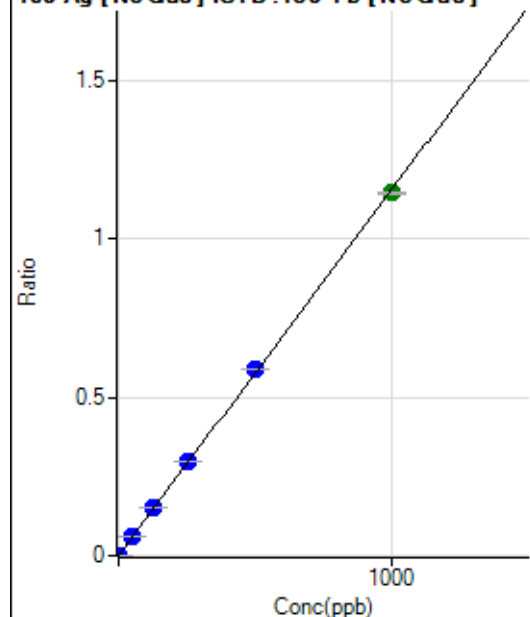
$$y = 1.7593E-005 * x + 8.8357E-007$$

$$R = 0.9999$$

$$DL = 0.1302$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	28.6
2	☐	0.100					
3	☐	1.000	1.004	11257.74	0.0012	P	1.2
4	☐	50.000	53.969	602346.28	0.0623	P	0.8
5	☐	125.000	131.607	1511973.13	0.1518	P	0.3
6	☐	250.000	257.473	2961309.94	0.2970	P	0.1
7	☐	500.000	509.892	5988142.54	0.5883	P	0.7
8	☐	1000.000	992.162	11834247.31	1.1446	A	0.6
9	☐			963.97	0.0001	P	5.6

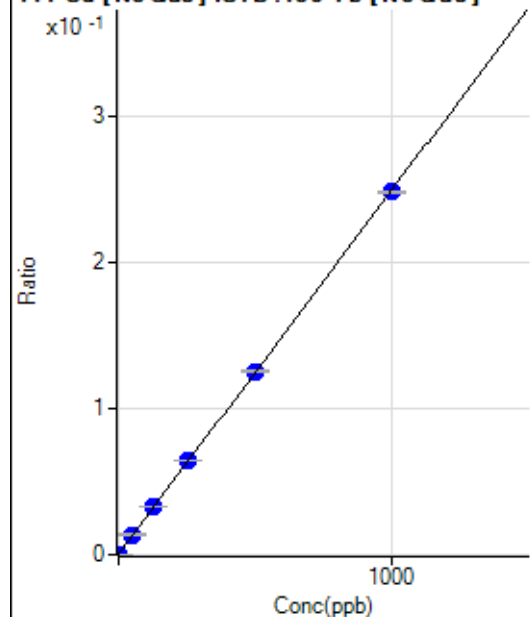
$$y = 0.0012 * x + 6.4863E-006$$

$$R = 0.9999$$

$$DL = 0.004818$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3398.20	0.0004	P	1.6
2	☐	0.100					
3	☐	1.000	0.948	5762.58	0.0006	P	2.1
4	☐	50.000	53.848	132995.32	0.0137	P	0.9
5	☐	125.000	130.991	327824.58	0.0329	P	0.4
6	☐	250.000	255.087	635723.87	0.0638	P	0.0
7	☐	500.000	503.064	1276603.11	0.1254	P	0.9
8	☐	1000.000	996.255	2564077.16	0.2480	P	0.3
9	☐			3638.80	0.0004	P	2.3

$$y = 2.4857E-004 * x + 3.6053E-004$$

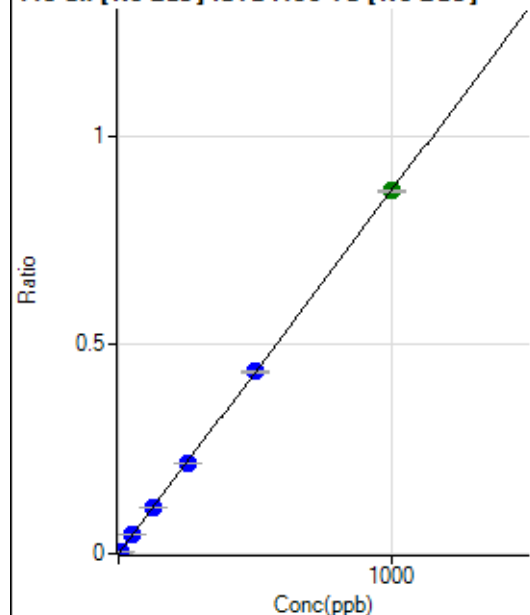
$$R = 1.0000$$

$$DL = 0.06776$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	922.30	0.0001	P	6.1
2	☐	0.500					
3	☐	5.000	4.528	38957.71	0.0040	P	2.0
4	☐	50.000	51.161	430844.52	0.0445	P	1.2
5	☐	125.000	126.534	1095241.83	0.1100	P	0.1
6	☐	250.000	249.860	2164250.76	0.2171	P	0.3
7	☐	500.000	501.576	4435199.27	0.4357	P	0.8
8	☐	1000.000	999.000	8970956.80	0.8677	A	0.2
9	☐			13698.92	0.0015	P	4.8

$$y = 8.6847\text{E-}004 * x + 9.7850\text{E-}005$$

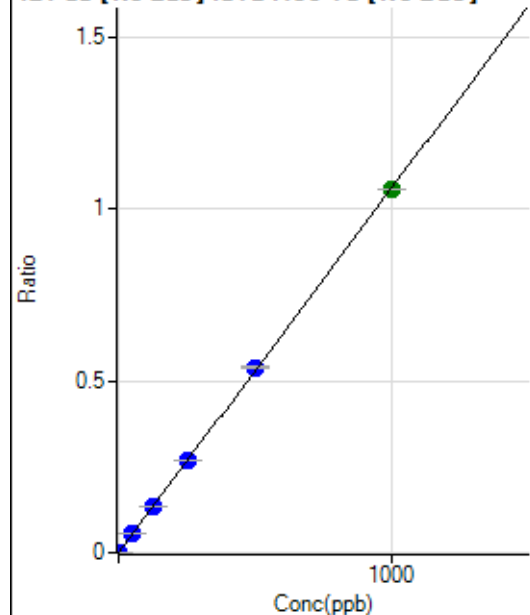
$$R = 1.0000$$

$$DL = 0.02075$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.6
2	☐	0.200					
3	☐	2.000	1.778	18254.19	0.0019	P	3.0
4	☐	50.000	50.564	519096.55	0.0537	P	1.1
5	☐	125.000	127.154	1343760.54	0.1349	P	0.0
6	☐	250.000	250.854	2654045.93	0.2662	P	0.1
7	☐	500.000	507.454	5482099.64	0.5385	P	1.1
8	☐	1000.000	995.763	10925675.59	1.0568	A	0.2
9	☐			24486.14	0.0027	P	3.3

$$y = 0.0011 * x + 1.1793\text{E-}006$$

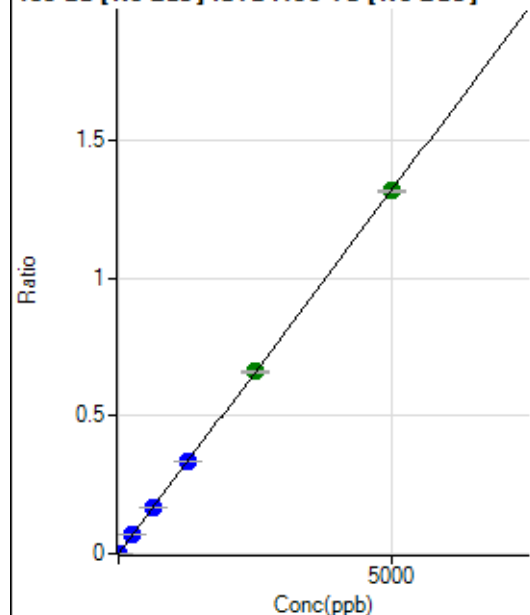
$$R = 1.0000$$

$$DL = 0.002887$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	88.0
2	☐	1.000					
3	☐	10.000	9.094	23184.00	0.0024	P	3.7
4	☐	250.000	256.253	653268.57	0.0675	P	1.1
5	☐	625.000	638.701	1675974.17	0.1683	P	0.2
6	☐	1250.000	1268.258	3331743.02	0.3342	P	0.3
7	☐	2500.000	2502.073	6711597.46	0.6593	A	0.8
8	☐	5000.000	4992.375	13601245.27	1.3156	A	0.3
9	☐			3625.63	0.0004	P	2.9

$$y = 2.6351\text{E-}004 * x + 2.6492\text{E-}006$$

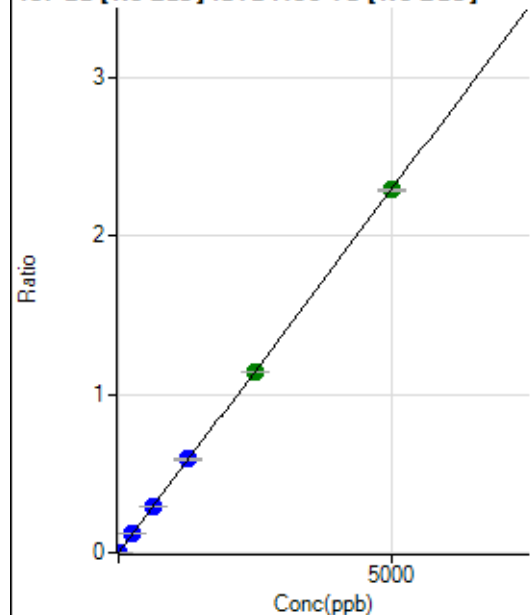
$$R = 1.0000$$

$$DL = 0.02655$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0000	P	40.4
2	☐	1.000					
3	☐	10.000	9.121	40543.53	0.0042	P	2.3
4	☐	250.000	255.901	1136092.45	0.1174	P	0.7
5	☐	625.000	640.419	2926496.83	0.2939	P	0.1
6	☐	1250.000	1283.201	5870471.31	0.5889	P	0.2
7	☐	2500.000	2495.734	11658425.09	1.1453	A	0.3
8	☐	5000.000	4991.612	23682243.24	2.2906	A	0.5
9	☐			6529.58	0.0007	P	4.5

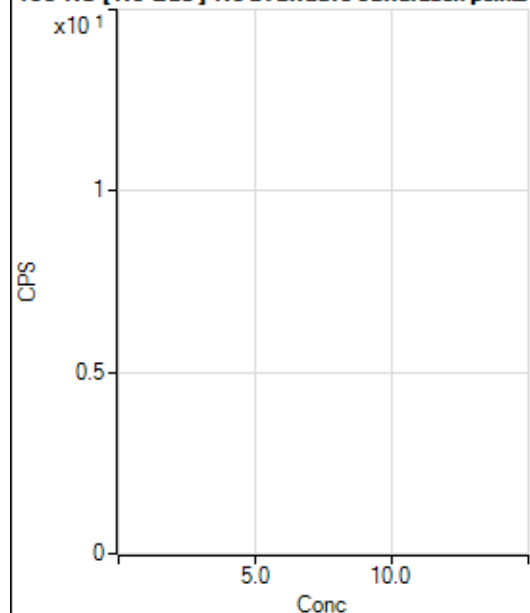
$$y = 4.5889\text{E-}004 * x + 8.2479\text{E-}006$$

$$R = 1.0000$$

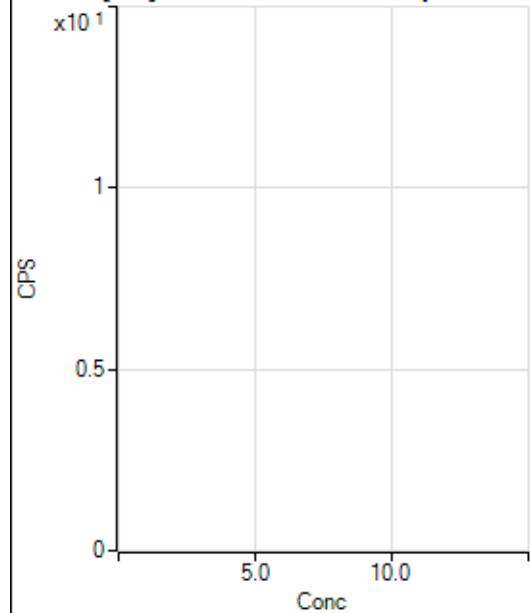
$$DL = 0.0218$$

Weight: <None>

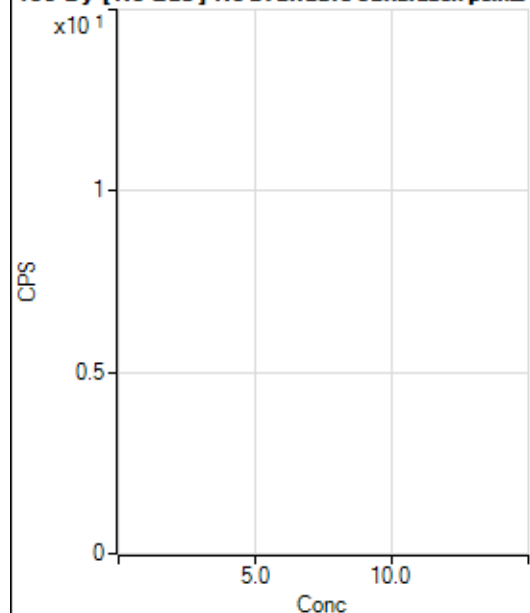
Min Conc: 0

150 Nd [No Gas] No available calibration points

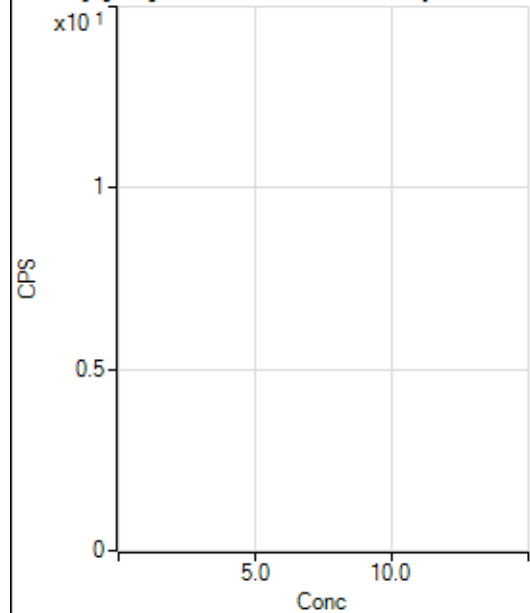
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	173.2
2	☐						
3	☐			4.45		P	86.6
4	☐			28.89		P	58.1
5	☐			91.11		P	11.2
6	☐			137.78		P	35.0
7	☐			253.34		P	30.4
8	☐			502.25		P	3.3
9	☐			86.67		P	15.4

150 Nd [He] No available calibration points

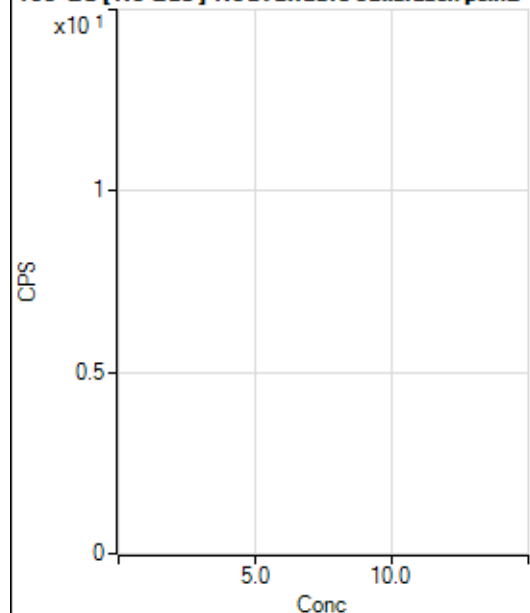
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	173.2
5	☐			11.11		P	34.6
6	☐			15.56		P	32.7
7	☐			31.11		P	49.5
8	☐			95.56		P	12.2
9	☐			82.22		P	30.7

156 Dy [No Gas] No available calibration points

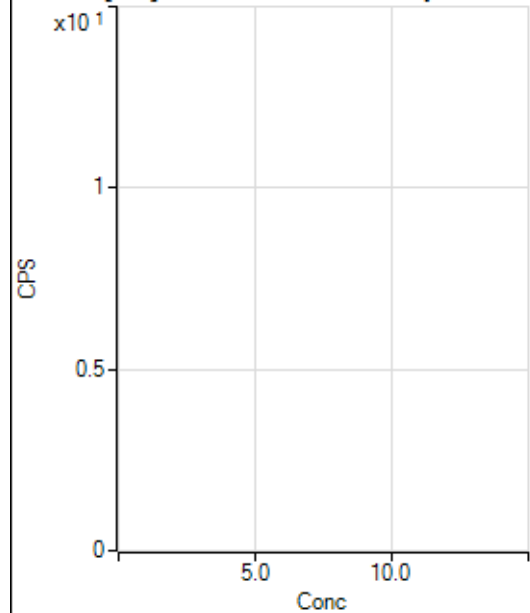
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			5.55		P	86.6
4	☐			16.67		P	86.6
5	☐			30.55		P	68.6
6	☐			75.00		P	40.1
7	☐			161.12		P	28.5
8	☐			269.46		P	7.1
9	☐			94.45		P	35.7

156 Dy [He] No available calibration points

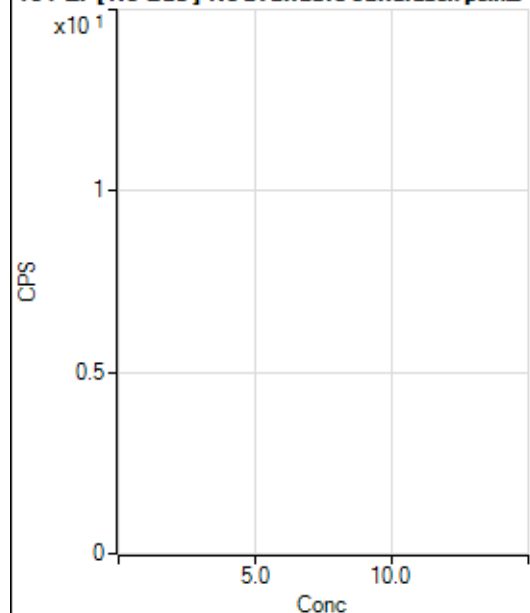
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			5.56		P	34.7
4	☐			8.89		P	43.3
5	☐			22.22		P	31.2
6	☐			25.55		P	52.7
7	☐			91.12		P	11.8
8	☐			155.56		P	10.1
9	☐			56.67		P	17.6

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

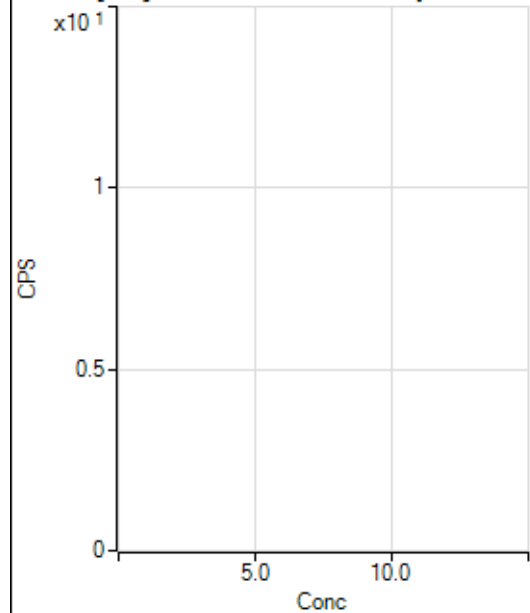
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.34		P	40.0
2	☐						
3	☐			91.67		P	31.5
4	☐			66.67		P	25.0
5	☐			83.34		P	17.3
6	☐			83.34		P	43.6
7	☐			97.23		P	27.6
8	☐			75.00		P	57.7
9	☐			116.67		P	39.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			104.45		P	3.7
2	☐						
3	☐			106.67		P	19.5
4	☐			102.23		P	18.8
5	☐			110.00		P	29.8
6	☐			104.45		P	14.4
7	☐			131.12		P	24.7
8	☐			128.89		P	19.6
9	☐			162.23		P	10.1

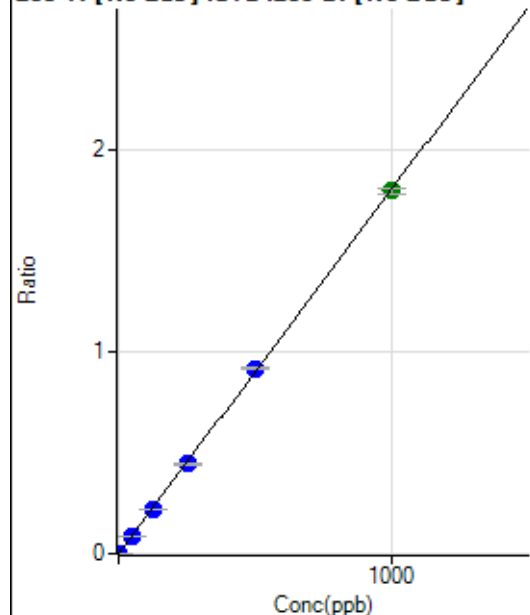
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	72.1
2	☐						
3	☐			44.45		P	47.2
4	☐			27.78		P	17.3
5	☐			30.56		P	63.0
6	☐			36.11		P	13.3
7	☐			47.22		P	36.7
8	☐			55.56		P	22.9
9	☐			52.78		P	9.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	13.4
2	☐						
3	☐			45.56		P	22.4
4	☐			26.67		P	37.5
5	☐			21.11		P	71.2
6	☐			23.33		P	37.8
7	☐			22.22		P	34.7
8	☐			42.22		P	16.4
9	☐			41.11		P	4.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.12	0.0000	P	33.4
2	☐	0.100					
3	☐	1.000	0.910	9740.11	0.0017	P	2.9
4	☐	50.000	48.456	519038.68	0.0875	P	0.5
5	☐	125.000	122.670	1355983.35	0.2215	P	1.0
6	☐	250.000	246.267	2751980.90	0.4447	P	0.6
7	☐	500.000	509.600	5613382.59	0.9201	P	1.1
8	☐	1000.000	996.502	10686745.73	1.7993	A	1.5
9	☐			2992.14	0.0006	P	4.2

$$y = 0.0018 * x + 1.4499E-005$$

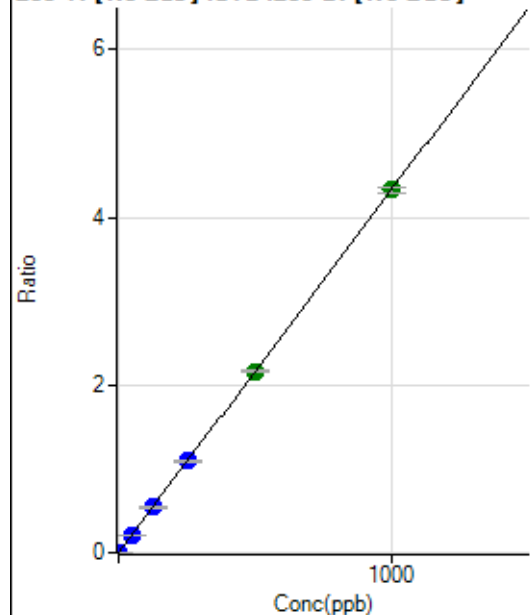
$$R = 0.9999$$

$$DL = 0.008036$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.45	0.0000	P	10.6
2	☐	0.100					
3	☐	1.000	0.912	23376.97	0.0040	P	0.7
4	☐	50.000	48.635	1248119.55	0.2104	P	0.3
5	☐	125.000	124.662	3301695.23	0.5393	P	0.7
6	☐	250.000	252.734	6766958.14	1.0934	P	0.9
7	☐	500.000	499.391	13179981.11	2.1605	A	1.5
8	☐	1000.000	999.732	25688310.12	4.3251	A	1.7
9	☐			6818.72	0.0014	P	4.0

$$y = 0.0043 * x + 3.2792E-005$$

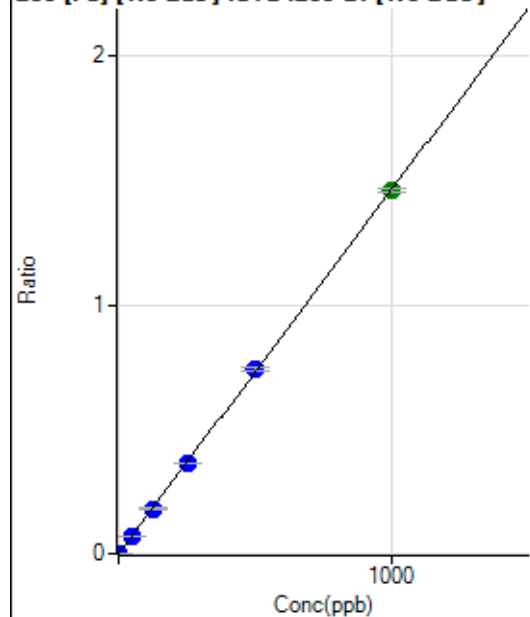
$$R = 1.0000$$

$$DL = 0.002419$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	503.73	0.0001	P	1.0
2	☐	0.100					
3	☐	1.000	0.887	8111.99	0.0014	P	2.6
4	☐	50.000	49.141	426477.61	0.0719	P	0.4
5	☐	125.000	124.085	1110733.85	0.1814	P	1.4
6	☐	250.000	247.917	2243019.73	0.3624	P	0.6
7	☐	500.000	507.235	4523195.13	0.7414	P	1.2
8	☐	1000.000	997.061	8656024.09	1.4573	A	1.0
9	☐			18607.91	0.0038	P	2.8

$$y = 0.0015 * x + 8.4907E-005$$

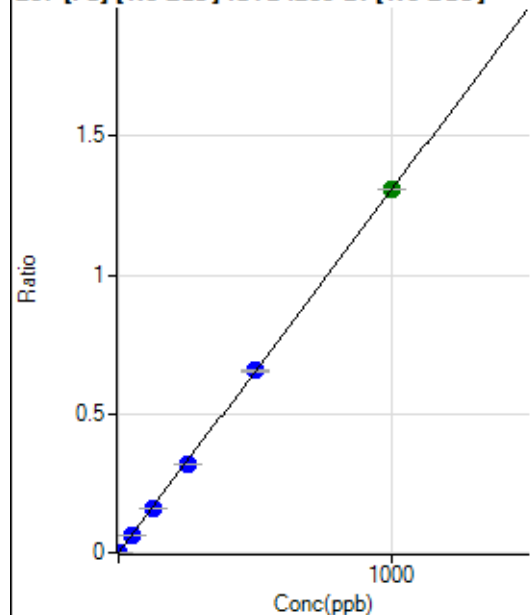
$$R = 1.0000$$

$$DL = 0.001776$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	461.13	0.0001	P	9.8
2	☐	0.100					
3	☐	1.000	0.909	7431.94	0.0013	P	3.9
4	☐	50.000	48.803	378671.00	0.0638	P	0.4
5	☐	125.000	123.026	984508.37	0.1608	P	1.1
6	☐	250.000	245.696	1987235.62	0.3211	P	0.1
7	☐	500.000	502.604	4006774.97	0.6568	P	1.0
8	☐	1000.000	1000.081	7762079.22	1.3068	A	0.1
9	☐			15794.94	0.0033	P	0.5

$$y = 0.0013 * x + 7.7689E-005$$

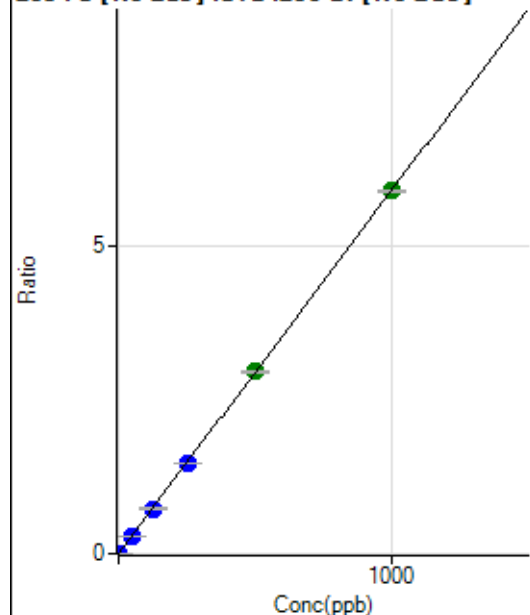
$$R = 1.0000$$

$$DL = 0.01742$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2083.46	0.0004	P	0.5
2	☐	0.100					
3	☐	1.000	0.898	33107.76	0.0056	P	1.5
4	☐	50.000	49.090	1715247.24	0.2892	P	0.2
5	☐	125.000	124.098	4471829.31	0.7305	P	0.9
6	☐	250.000	249.134	9073697.88	1.4661	P	0.3
7	☐	500.000	502.096	18024445.55	2.9545	A	0.8
8	☐	1000.000	999.327	34925612.53	5.8799	A	0.5
9	☐			73470.10	0.0152	P	0.6

$$y = 0.0059 * x + 3.5116E-004$$

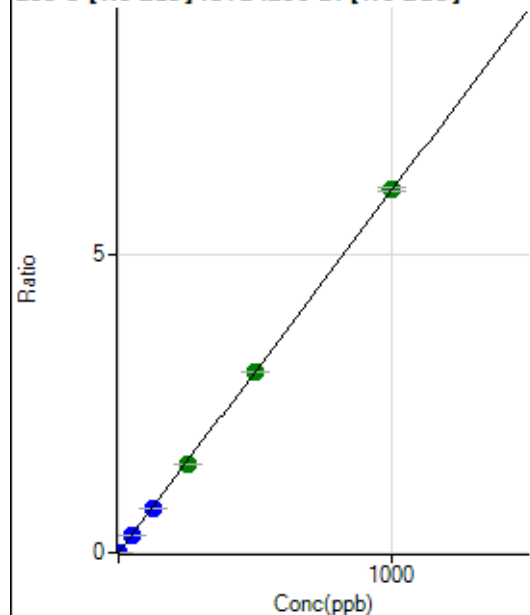
$$R = 1.0000$$

$$DL = 0.00084$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	250.01	0.0000	P	14.5
2	☐	0.100					
3	☐	1.000	0.843	30255.76	0.0051	P	1.1
4	☐	50.000	47.618	1710855.59	0.2884	P	0.4
5	☐	125.000	123.636	4584306.52	0.7489	P	0.6
6	☐	250.000	244.362	9159730.15	1.4800	A	0.0
7	☐	500.000	499.042	18439734.44	3.0225	A	0.8
8	☐	1000.000	1002.178	36053126.50	6.0698	A	1.0
9	☐			3150.53	0.0007	P	3.1

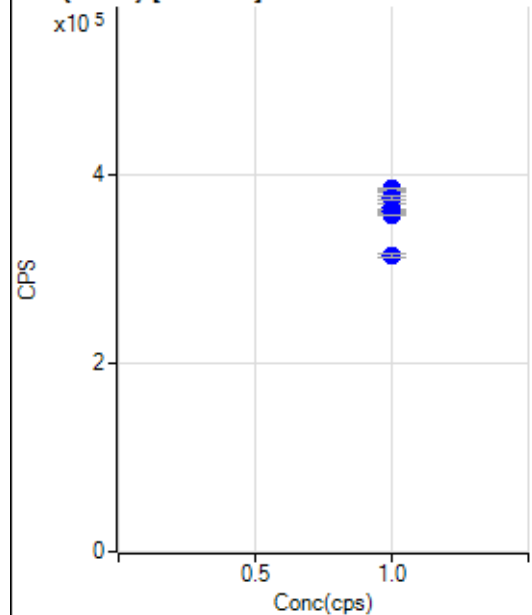
$$y = 0.0061 * x + 4.2140E-005$$

$$R = 1.0000$$

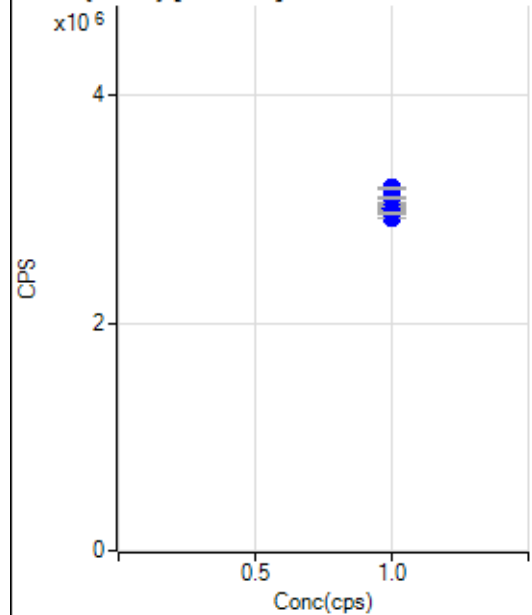
$$DL = 0.003033$$

Weight: <None>

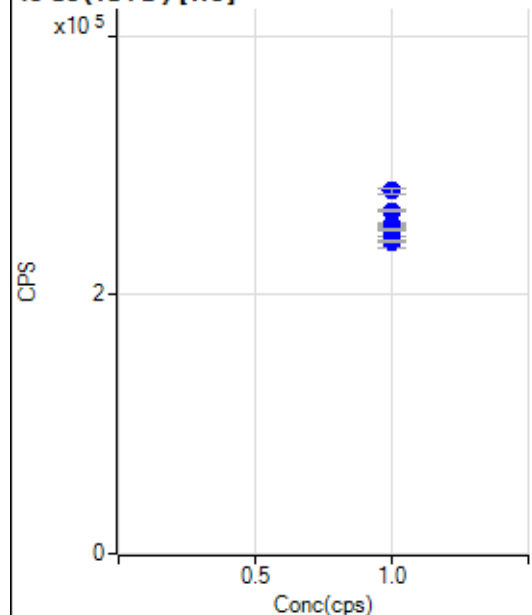
Min Conc: 0

6 Li (ISTD) [No Gas]

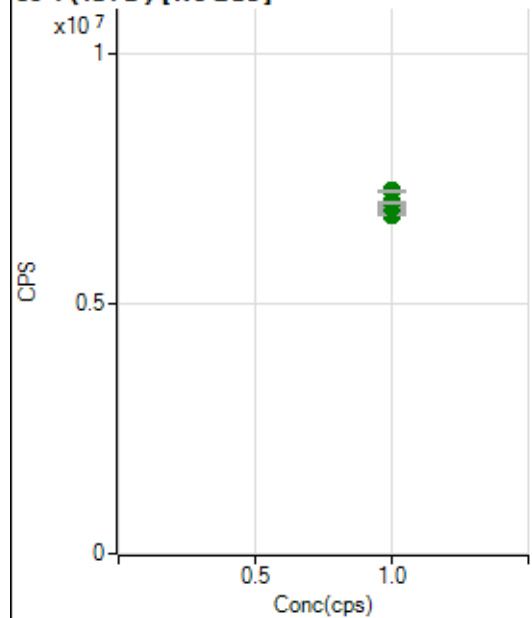
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		361109.62		P	0.6
2	☐	1.000					
3	☐	1.000		361725.29		P	0.7
4	☐	1.000		365385.43		P	2.9
5	☐	1.000		382949.42		P	0.2
6	☐	1.000		385710.60		P	0.3
7	☐	1.000		376213.19		P	1.2
8	☐	1.000		357127.93		P	0.2
9	☐	1.000		314747.61		P	1.1

45 Sc (ISTD) [No Gas]

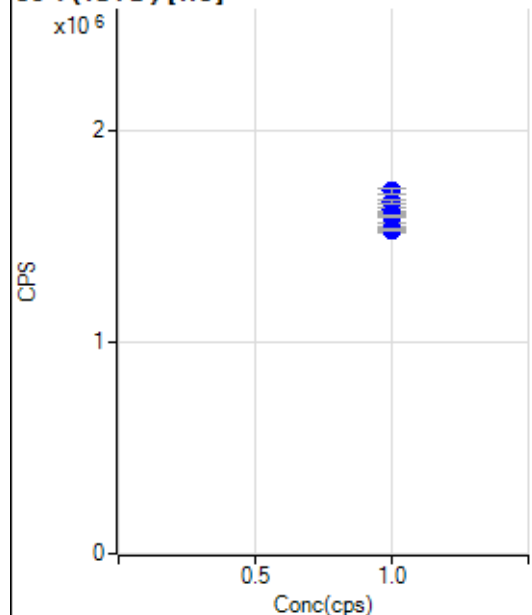
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3027576.33		P	0.8
2	☐	1.000					
3	☐	1.000		3033061.53		P	2.2
4	☐	1.000		2999850.82		P	3.1
5	☐	1.000		3002457.79		P	1.2
6	☐	1.000		2924491.97		P	0.2
7	☐	1.000		2968910.57		P	0.3
8	☐	1.000		3104356.38		P	0.5
9	☐	1.000		3188134.49		P	0.9

45 Sc (ISTD) [He]

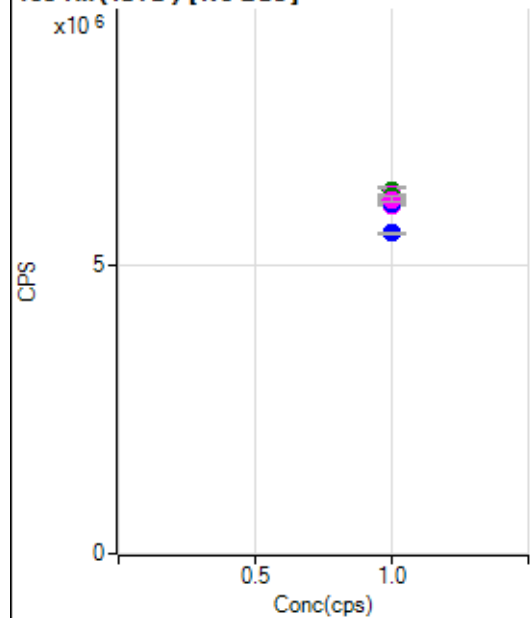
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		253761.27		P	0.7
2	☐	1.000					
3	☐	1.000		249424.78		P	4.0
4	☐	1.000		251784.44		P	0.6
5	☐	1.000		240726.74		P	3.4
6	☐	1.000		241398.91		P	0.7
7	☐	1.000		250549.45		P	0.8
8	☐	1.000		264715.96		P	0.9
9	☐	1.000		280049.02		P	1.7

89 Y (ISTD) [No Gas]

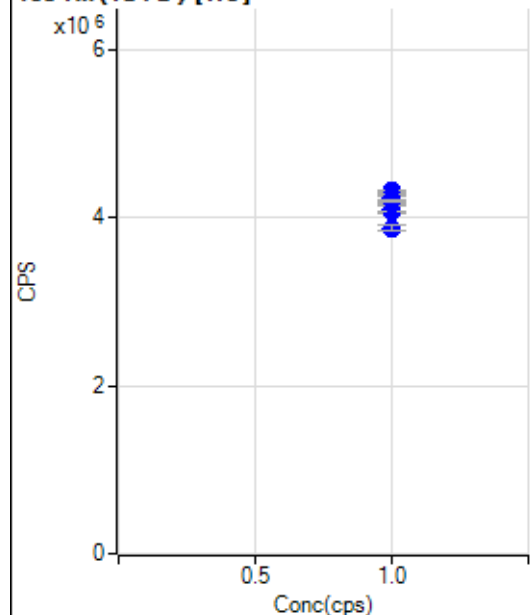
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6824922.95		A	0.4
2	☐	1.000					
3	☐	1.000		6941231.91		A	1.9
4	☐	1.000		6868740.17		A	3.3
5	☐	1.000		6905709.76		A	0.3
6	☐	1.000		6778505.73		A	0.1
7	☐	1.000		6929837.05		A	0.5
8	☐	1.000		7249750.45		A	0.4
9	☐	1.000		7014843.02		A	0.9

89 Y(ISTD) [He]

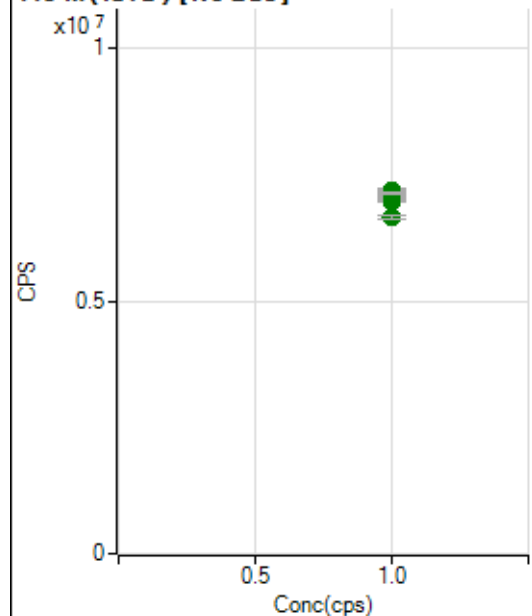
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1628919.78		P	0.6
2	☐	1.000					
3	☐	1.000		1594224.47		P	3.6
4	☐	1.000		1606177.34		P	0.4
5	☐	1.000		1535468.93		P	1.8
6	☐	1.000		1530746.21		P	0.6
7	☐	1.000		1598696.73		P	0.5
8	☐	1.000		1665145.93		P	0.7
9	☐	1.000		1716856.35		P	1.7

103 Rh(ISTD) [No Gas]

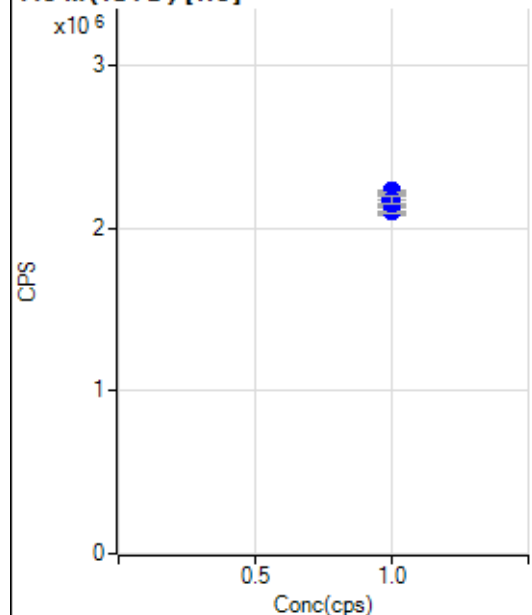
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6152439.46		A	0.2
2	☐	1.000					
3	☐	1.000		6279924.40		A	2.1
4	☐	1.000		6215105.22		M	3.2
5	☐	1.000		6205276.40		A	0.3
6	☐	1.000		6036647.40		M	0.4
7	☐	1.000		6055588.50		P	0.4
8	☐	1.000		6140380.74		M	1.2
9	☐	1.000		5544004.25		P	0.5

103 Rh (ISTD) [He]

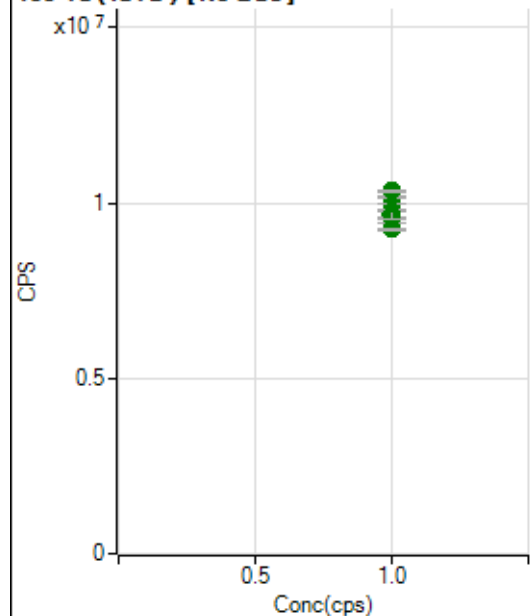
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4323842.68		P	0.7
2	☐	1.000					
3	☐	1.000		4239400.21		P	3.4
4	☐	1.000		4274096.22		P	0.6
5	☐	1.000		4101687.51		P	2.0
6	☐	1.000		4084831.33		P	0.2
7	☐	1.000		4161249.83		P	0.8
8	☐	1.000		4210452.16		P	0.6
9	☐	1.000		3877117.16		P	1.8

115 In (ISTD) [No Gas]

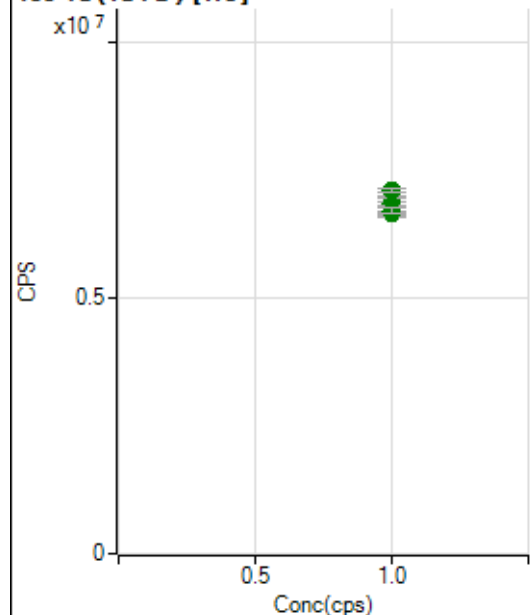
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6976631.94		A	0.6
2	☐	1.000					
3	☐	1.000		7136730.19		A	2.1
4	☐	1.000		7102533.12		A	3.4
5	☐	1.000		7180225.56		A	0.3
6	☐	1.000		7025242.45		A	0.5
7	☐	1.000		7066907.21		A	0.8
8	☐	1.000		7134482.29		A	0.8
9	☐	1.000		6665115.04		A	1.1

115 In (ISTD) [He]

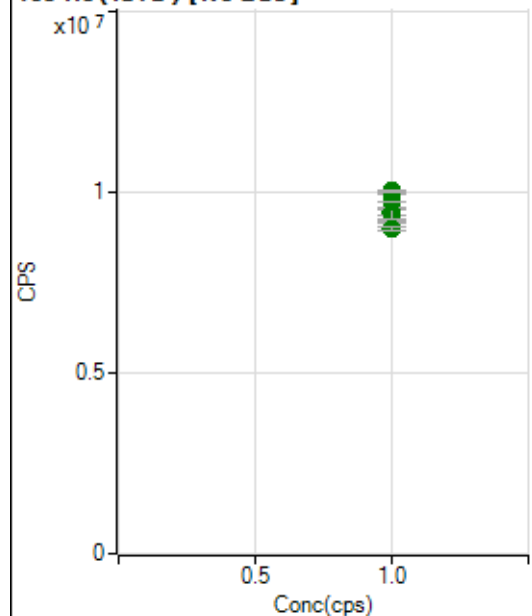
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2230779.20		P	0.7
2	☐	1.000					
3	☐	1.000		2189422.06		P	3.2
4	☐	1.000		2214915.78		P	0.4
5	☐	1.000		2106508.93		P	2.5
6	☐	1.000		2102246.75		P	0.4
7	☐	1.000		2146256.44		P	0.6
8	☐	1.000		2161821.58		P	0.8
9	☐	1.000		2179126.47		P	2.2

159 Tb (ISTD) [No Gas]

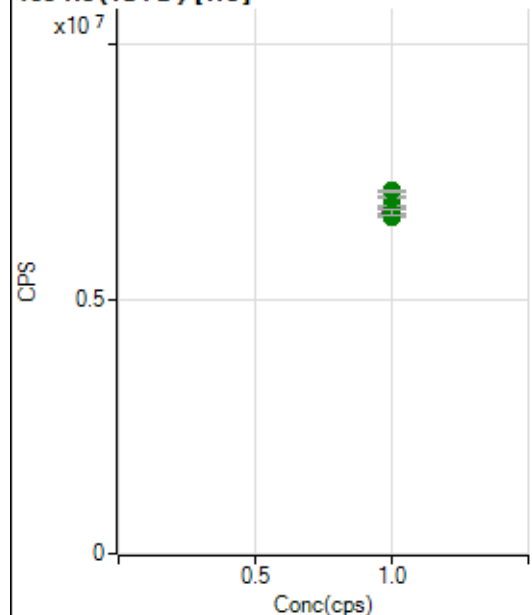
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9425611.39		A	0.2
2	☐	1.000					
3	☐	1.000		9668458.61		A	1.9
4	☐	1.000		9673673.82		A	2.9
5	☐	1.000		9957765.96		A	0.1
6	☐	1.000		9969205.90		A	0.4
7	☐	1.000		10179580.54		A	0.3
8	☐	1.000		10338761.79		A	0.5
9	☐	1.000		9239608.47		A	0.7

159 Tb (ISTD) [He]

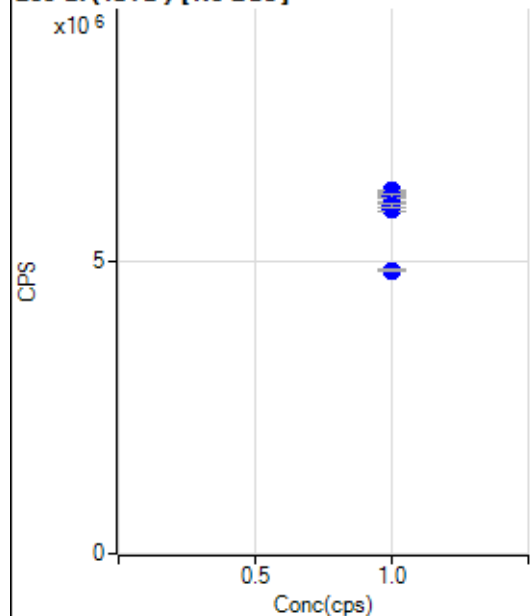
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6646961.15		A	0.6
2	☐	1.000					
3	☐	1.000		6675021.64		A	3.2
4	☐	1.000		6827612.26		A	0.8
5	☐	1.000		6674000.11		A	2.0
6	☐	1.000		6790068.79		A	0.1
7	☐	1.000		6966291.22		A	0.7
8	☐	1.000		7080026.84		A	1.0
9	☐	1.000		6689838.86		A	1.6

165 Ho (ISTD) [No Gas]

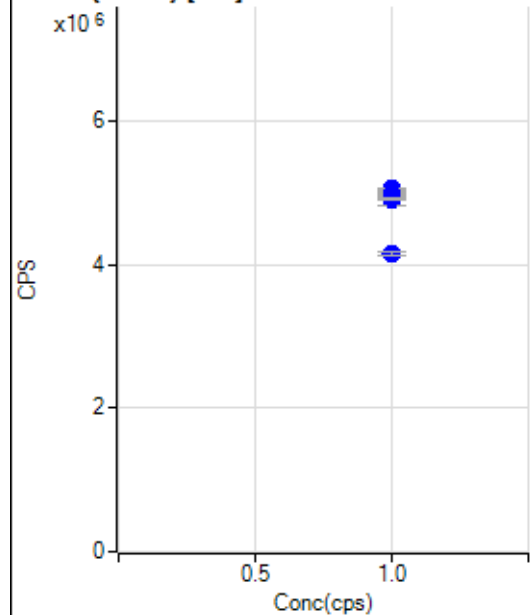
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9154709.93		A	0.5
2	☐	1.000					
3	☐	1.000		9432448.82		A	1.3
4	☐	1.000		9386396.56		A	3.5
5	☐	1.000		9734635.29		A	0.2
6	☐	1.000		9732020.36		A	0.1
7	☐	1.000		9966440.85		A	0.7
8	☐	1.000		10022008.30		A	0.5
9	☐	1.000		8958248.90		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		6614047.05		A	0.7
2	☐	1.000					
3	☐	1.000		6725622.26		M	1.9
4	☐	1.000		6845720.24		A	0.2
5	☐	1.000		6747959.07		A	2.3
6	☐	1.000		6843073.65		A	0.1
7	☐	1.000		7020975.59		A	0.5
8	☐	1.000		7124807.60		A	0.6
9	☐	1.000		6698937.33		A	1.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5932955.12		P	0.8
2	☐	1.000					
3	☐	1.000		5876647.69		P	1.4
4	☐	1.000		5931298.31		P	3.0
5	☐	1.000		6121901.09		P	0.8
6	☐	1.000		6188825.95		P	0.5
7	☐	1.000		6101113.11		P	1.1
8	☐	1.000		5939921.85		P	0.8
9	☐	1.000		4837000.93		P	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5032944.61		P	0.8
2	☐	1.000					
3	☐	1.000		4900556.35		P	3.3
4	☐	1.000		5052961.35		P	0.4
5	☐	1.000		4973238.71		P	3.0
6	☐	1.000		5040324.02		P	0.7
7	☐	1.000		4972795.79		P	0.4
8	☐	1.000		4919459.54		P	0.8
9	☐	1.000		4152822.99		P	1.3

US EPA Tune Check Sample Report

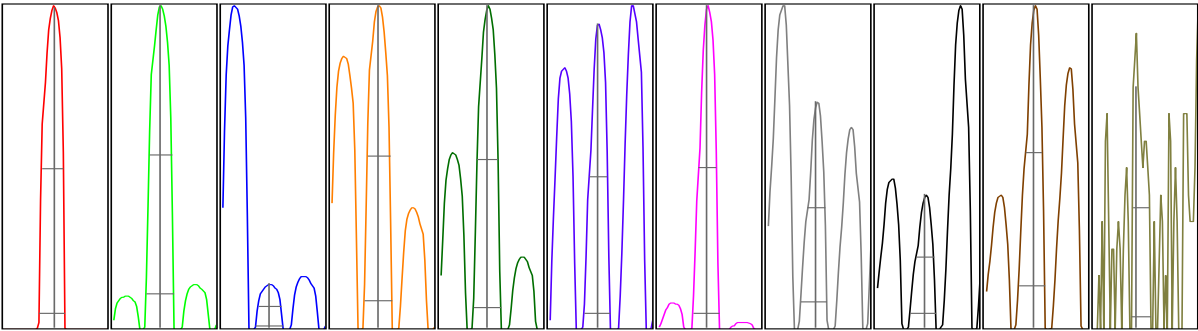
Batch Folder D:\ICP-MS Data\P7030118-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3319	0.62	5.00	
24	313147	0.28	5.00	
25	44188	0.43	5.00	
26	51551	0.49	5.00	
59	72196	0.43	5.00	
113	11564	0.34	5.00	
115	149187	0.30	5.00	
206	36772	0.34	5.00	
207	34183	0.66	5.00	
208	79038	0.55	5.00	
220	0	40.00		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3327	3342	3332	3296	3300
24	313808	314225	312854	312780	312066
25	44479	44281	44109	44045	44026
26	51612	51960	51349	51349	51487
59	72431	72618	71913	72043	71972
113	11534	11615	11597	11542	11529
115	149034	149618	149604	149157	148523
206	36708	36990	36761	36679	36723
207	34379	34470	34082	33995	33989
208	78970	79592	79310	78866	78455
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	5488	9.00	8.9 - 9.1		0.742	0.900	
24	508828	23.90	23.9 - 24.1		0.800	0.900	
25	70582	24.90	24.9 - 25.1		0.786	0.900	
26	83682	25.90	25.9 - 26.1		0.806	0.900	
59	125997	58.90	58.9 - 59.1		0.797	0.900	
113	22260	112.95	112.9 - 113.1		0.759	0.900	
115	291469	114.95	114.9 - 115.1		0.764	0.900	
206	70749	205.95	205.9 - 206.1		0.754	0.900	
207	63116	206.95	206.9 - 207.1		0.745	0.900	
208	152050	207.95	207.9 - 208.1		0.759	0.900	
220	0	219.75	-		0.543		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	5.8	V	Deflect	14.0	V
Extract 2	-185.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-105	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	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	30329	0.96	
89	122898	0.72	
205	43558	0.51	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	29923	30154	30546	30394	30628
89	121538	122624	123273	123175	123877
205	43318	43575	43752	43351	43793

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.6	V	Deflect	2.0	V
Extract 2	-180.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:19:24	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	-0.12	0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.13	-0.03	0.16	0.00	N/A	ppb
Boron	11-1	-0.05	0.03	0.01	0.00	N/A	ppb
Cadmium	111-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.34	-0.12	-0.21	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.05	-0.03	0.00	N/A	ppb
Calcium	43-1	2.98	2.81	-5.79	0.00	N/A	ppb
Calcium	44-1	-1.05	1.30	-0.25	0.00	N/A	ppb
Chromium	52-2	0.00	0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.00	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	-0.01	0.04	-0.03	0.00	N/A	ppb
Iron	57-2	-0.98	0.41	0.57	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	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	0.14	-0.03	-0.11	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:19:24	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	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	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	0.35	-3.42	-7.78	-3.62		ppb
Potassium	39-2	-1.45	-0.01	1.47	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	0.29	-0.69	0.40	0.00	N/A	ppb
Selenium	82-1	-0.05	-0.24	0.29	0.00	N/A	ppb
Silicon	28-1	0.11	0.05	-0.16	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	0.74	-0.19	-0.55	0.00	N/A	ppb
Strontium	86-1	-0.02	0.01	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-48.73	-3.98	-32.49	-28.40		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
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.02	-0.04	0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:19:24	DataFile Name :	004CALB.d

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

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:27:28	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.41	20.04	21.14	19.87	6.91	ppb
Antimony	121-1	1.75	1.75	1.84	1.78	2.98	ppb
Arsenic	75-2	0.87	0.98	0.90	0.91	6.52	ppb
Barium	135-1	8.77	9.08	9.43	9.09	3.67	ppb
Barium	137-1	8.97	9.36	9.03	9.12	2.33	ppb
Beryllium	9-1	1.00	1.00	0.85	0.95	9.14	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	18.43	21.67	22.00	20.70	9.54	ppb
Boron	11-1	22.19	22.56	23.43	22.73	2.79	ppb
Cadmium	111-1	0.93	0.91	1.00	0.95	5.29	ppb
Cadmium	106-1	0.62	-0.19	1.03	0.49	127.06	ppb
Cadmium	108-1	0.98	0.94	0.55	0.82	29.13	ppb
Calcium	43-1	427.81	451.69	452.87	444.12	3.18	ppb
Calcium	44-1	425.34	435.30	437.91	432.85	1.53	ppb
Chromium	52-2	1.94	1.98	2.05	1.99	2.87	ppb
Cobalt	59-2	1.01	1.00	0.98	1.00	1.59	ppb
Copper	63-2	2.05	1.93	1.97	1.98	3.06	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				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	48.52	48.76	48.50	48.59	0.30	ppb
Iron	57-2	51.06	48.66	48.11	49.28	3.18	ppb
Lead	206-1	0.86	0.91	0.89	0.89	2.75	ppb
Lead	207-1	0.87	0.94	0.92	0.91	4.12	ppb
Lead	208-1	0.88	0.91	0.91	0.90	1.64	ppb
Lithium	6-1				100		%
Magnesium	24-2	469.17	481.21	480.36	476.91	1.41	ppb
Manganese	55-2	0.95	1.01	0.95	0.97	3.61	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:27:28	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.31	4.31	4.40	4.34	1.18	ppb
Molybdenum	95-1	4.45	4.41	4.54	4.47	1.49	ppb
Molybdenum	96-1	4.29	4.27	4.42	4.32	1.82	ppb
Molybdenum	97-1	4.29	4.50	4.42	4.40	2.37	ppb
Molybdenum	98-1	4.40	4.49	4.46	4.45	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	0.92	0.99	0.98	6.16	ppb
Phosphorus	31-2	5.96	-0.89	5.77	3.62	107.96	ppb
Potassium	39-2	449.32	447.39	437.52	444.74	1.42	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	7.23	5.37	5.28	5.96	18.49	ppb
Selenium	78-2	3.95	5.33	4.75	4.68	14.77	ppb
Selenium	82-1	4.80	4.87	4.88	4.85	0.97	ppb
Silicon	28-1	11.51	13.29	13.67	12.82	8.97	ppb
Silver	109-1	1.00	1.02	0.99	1.00	1.23	ppb
Silver	107-1	0.95	0.96	0.99	0.97	2.49	ppb
Sodium	23-2	469.54	469.60	464.85	468.00	0.58	ppb
Strontium	86-1	0.93	0.91	1.01	0.95	5.47	ppb
Strontium	88-1	0.91	0.94	0.93	0.93	1.52	ppb
Sulfur	34-1	-52.34	41.22	96.33	28.40	264.61	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.93	0.92	0.88	0.91	2.88	ppb
Thallium	205-1	0.91	0.92	0.91	0.91	0.75	ppb
Tin	118-1	4.43	4.61	4.55	4.53	2.07	ppb
Titanium	47-1	4.37	4.63	4.25	4.42	4.34	ppb
Uranium	238-1	0.85	0.85	0.83	0.84	1.09	ppb
Vanadium	51-2	4.51	4.55	4.35	4.47	2.45	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	2.24	1.99	2.12	2.11	5.93	ppb
Zirconium	90-1	0.81	0.89	0.90	0.87	5.69	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:27:28	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.88	0.76	0.89	0.84	8.95	ppb

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P7
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 11:31:21 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1039.27	1007.51	1025.62	1024.13	1.56	ppb
Antimony	121-1	50.54	51.13	50.03	50.56	1.09	ppb
Arsenic	75-2	51.13	50.76	51.27	51.05	0.52	ppb
Barium	135-1	255.01	259.47	254.28	256.25	1.10	ppb
Barium	137-1	255.03	257.96	254.71	255.90	0.70	ppb
Beryllium	9-1	52.89	51.37	50.80	51.69	2.10	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	51.44	54.34	46.16	50.65	8.19	ppb
Boron	11-1	49.73	51.67	51.73	51.04	2.22	ppb
Cadmium	111-1	53.30	53.96	54.28	53.85	0.92	ppb
Cadmium	106-1	50.16	53.93	50.68	51.59	3.97	ppb
Cadmium	108-1	52.56	55.87	53.24	53.89	3.24	ppb
Calcium	43-1	5010.74	4901.78	4984.99	4965.84	1.15	ppb
Calcium	44-1	4939.47	4949.87	4939.35	4942.90	0.12	ppb
Chromium	52-2	51.34	51.31	51.96	51.53	0.71	ppb
Cobalt	59-2	53.39	52.87	52.99	53.09	0.51	ppb
Copper	63-2	108.15	106.83	107.39	107.46	0.62	ppb
Dysprosium	156-1						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				104		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	2715.69	2681.06	2681.73	2692.83	0.74	ppb
Iron	57-2	2720.18	2670.31	2664.63	2685.04	1.14	ppb
Lead	206-1	49.29	48.89	49.24	49.14	0.45	ppb
Lead	207-1	48.82	49.02	48.58	48.80	0.45	ppb
Lead	208-1	48.97	49.10	49.19	49.09	0.22	ppb
Lithium	6-1				101		%
Magnesium	24-2	5428.97	5387.15	5442.00	5419.37	0.53	ppb
Manganese	55-2	103.26	102.70	103.51	103.16	0.40	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:31:21	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	253.05	250.34	252.32	251.90	0.56	ppb
Molybdenum	95-1	253.18	251.75	252.08	252.34	0.30	ppb
Molybdenum	96-1	252.50	250.47	250.32	251.10	0.49	ppb
Molybdenum	97-1	251.44	250.74	250.30	250.83	0.23	ppb
Molybdenum	98-1	254.39	252.39	252.83	253.20	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.09	54.10	53.97	54.39	1.13	ppb
Phosphorus	31-2	1017.84	1063.48	1055.06	1045.46	2.32	ppb
Potassium	39-2	2491.43	2464.94	2492.61	2482.99	0.63	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	52.22	54.37	53.23	53.27	2.02	ppb
Selenium	78-2	51.94	54.75	53.18	53.29	2.64	ppb
Selenium	82-1	53.52	53.09	52.90	53.17	0.59	ppb
Silicon	28-1	56.86	54.39	54.83	55.36	2.38	ppb
Silver	109-1	53.99	54.40	53.52	53.97	0.82	ppb
Silver	107-1	53.66	53.96	53.64	53.75	0.33	ppb
Sodium	23-2	5316.43	5287.70	5389.43	5331.18	0.98	ppb
Strontium	86-1	51.03	51.14	50.27	50.81	0.94	ppb
Strontium	88-1	51.00	50.62	50.69	50.77	0.39	ppb
Sulfur	34-1	1298.51	1097.10	1134.42	1176.67	9.11	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	48.33	48.74	48.30	48.46	0.51	ppb
Thallium	205-1	48.73	48.45	48.73	48.63	0.34	ppb
Tin	118-1	50.51	51.67	51.30	51.16	1.16	ppb
Titanium	47-1	254.03	250.67	250.44	251.71	0.80	ppb
Uranium	238-1	47.63	47.42	47.81	47.62	0.41	ppb
Vanadium	51-2	50.15	50.80	50.90	50.61	0.80	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	107.46	107.09	106.58	107.04	0.41	ppb
Zirconium	90-1	49.50	49.09	50.08	49.56	1.00	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:31:21	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.78	49.58	49.66	49.67	0.20	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:35:27	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2551.35	2539.77	2718.89	2603.34	3.85	ppb
Antimony	121-1	127.10	127.16	127.20	127.15	0.04	ppb
Arsenic	75-2	126.19	125.74	130.71	127.54	2.16	ppb
Barium	135-1	639.88	638.61	637.61	638.70	0.18	ppb
Barium	137-1	640.53	640.75	639.98	640.42	0.06	ppb
Beryllium	9-1	126.66	126.52	130.16	127.78	1.61	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	115.70	111.73	126.81	118.08	6.62	ppb
Boron	11-1	120.21	119.77	128.19	122.72	3.86	ppb
Cadmium	111-1	131.53	130.55	130.90	130.99	0.38	ppb
Cadmium	106-1	130.42	126.15	127.65	128.07	1.69	ppb
Cadmium	108-1	129.81	129.86	134.96	131.55	2.25	ppb
Calcium	43-1	12262.12	12389.72	12288.60	12313.48	0.55	ppb
Calcium	44-1	12431.04	12577.27	12484.37	12497.56	0.59	ppb
Chromium	52-2	128.22	127.57	136.03	130.61	3.60	ppb
Cobalt	59-2	130.86	130.95	139.59	133.80	3.75	ppb
Copper	63-2	266.28	264.03	281.74	270.69	3.56	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				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	6665.36	6617.84	7115.97	6799.72	4.04	ppb
Iron	57-2	6668.77	6603.44	7108.40	6793.54	4.04	ppb
Lead	206-1	122.74	125.99	123.53	124.09	1.36	ppb
Lead	207-1	122.23	124.56	122.30	123.03	1.08	ppb
Lead	208-1	123.59	125.34	123.37	124.10	0.87	ppb
Lithium	6-1				106		%
Magnesium	24-2	13532.48	13516.38	14436.70	13828.52	3.81	ppb
Manganese	55-2	254.04	253.22	272.66	259.97	4.23	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:35:27	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	638.25	644.02	638.90	640.39	0.49	ppb
Molybdenum	95-1	636.98	642.84	638.34	639.39	0.48	ppb
Molybdenum	96-1	633.20	636.98	634.65	634.94	0.30	ppb
Molybdenum	97-1	631.31	630.83	634.94	632.36	0.36	ppb
Molybdenum	98-1	642.39	641.62	640.68	641.56	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.93	134.35	142.09	137.12	3.15	ppb
Phosphorus	31-2	2660.95	2474.31	2686.27	2607.18	4.44	ppb
Potassium	39-2	6080.01	6064.81	6492.82	6212.55	3.91	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	130.97	131.70	140.43	134.37	3.92	ppb
Selenium	78-2	129.52	130.49	132.21	130.74	1.04	ppb
Selenium	82-1	130.58	130.92	131.12	130.88	0.21	ppb
Silicon	28-1	137.41	142.68	143.50	141.20	2.34	ppb
Silver	109-1	131.90	131.84	131.08	131.61	0.35	ppb
Silver	107-1	131.90	130.49	130.94	131.11	0.55	ppb
Sodium	23-2	13266.68	13238.84	14077.09	13527.54	3.52	ppb
Strontium	86-1	127.26	127.13	126.17	126.86	0.47	ppb
Strontium	88-1	127.32	128.22	127.08	127.54	0.47	ppb
Sulfur	34-1	2618.91	2700.32	2658.32	2659.18	1.53	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	122.00	124.14	121.86	122.67	1.04	ppb
Thallium	205-1	124.42	125.68	123.88	124.66	0.74	ppb
Tin	118-1	126.37	126.61	126.62	126.53	0.11	ppb
Titanium	47-1	624.42	629.98	627.59	627.33	0.44	ppb
Uranium	238-1	123.32	124.55	123.04	123.64	0.65	ppb
Vanadium	51-2	125.80	125.27	135.01	128.69	4.25	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	266.51	262.79	281.38	270.23	3.64	ppb
Zirconium	90-1	126.87	126.80	126.95	126.87	0.06	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:35:27	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	125.33	125.73	125.33	125.46	0.19	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:39:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5136.25	5097.57	5070.97	5101.59	0.64	ppb
Antimony	121-1	250.78	251.11	250.68	250.85	0.09	ppb
Arsenic	75-2	252.95	253.41	252.28	252.88	0.23	ppb
Barium	135-1	1268.08	1271.77	1264.92	1268.26	0.27	ppb
Barium	137-1	1281.20	1282.35	1286.05	1283.20	0.20	ppb
Beryllium	9-1	253.75	252.88	255.21	253.95	0.46	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	247.44	246.26	247.53	247.08	0.29	ppb
Boron	11-1	237.80	244.38	245.74	242.64	1.75	ppb
Cadmium	111-1	255.14	255.14	254.99	255.09	0.03	ppb
Cadmium	106-1	247.32	256.77	254.09	252.73	1.93	ppb
Cadmium	108-1	255.42	260.89	255.32	257.21	1.24	ppb
Calcium	43-1	24661.09	24858.65	24440.38	24653.37	0.85	ppb
Calcium	44-1	24357.04	24431.74	24389.41	24392.73	0.15	ppb
Chromium	52-2	256.04	254.87	255.71	255.54	0.24	ppb
Cobalt	59-2	261.95	261.76	262.09	261.93	0.06	ppb
Copper	63-2	531.04	530.73	527.85	529.87	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				106		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	13343.29	13206.45	13224.23	13257.99	0.56	ppb
Iron	57-2	13360.48	13294.26	13149.06	13267.93	0.82	ppb
Lead	206-1	246.79	249.55	247.41	247.92	0.59	ppb
Lead	207-1	245.76	245.91	245.41	245.70	0.10	ppb
Lead	208-1	248.96	249.84	248.60	249.13	0.25	ppb
Lithium	6-1				107		%
Magnesium	24-2	27163.16	26983.21	26970.49	27038.95	0.40	ppb
Manganese	55-2	509.66	503.22	506.93	506.60	0.64	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:39:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1288.75	1299.31	1294.63	1294.23	0.41	ppb
Molybdenum	95-1	1263.64	1260.55	1267.02	1263.73	0.26	ppb
Molybdenum	96-1	1260.03	1258.39	1261.85	1260.09	0.14	ppb
Molybdenum	97-1	1258.94	1266.85	1274.69	1266.82	0.62	ppb
Molybdenum	98-1	1256.56	1264.18	1271.14	1263.96	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.62	264.98	263.42	264.34	0.31	ppb
Phosphorus	31-2	5394.04	5114.13	5112.68	5206.95	3.11	ppb
Potassium	39-2	12316.56	12201.75	12217.36	12245.23	0.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	266.16	254.45	262.34	260.98	2.29	ppb
Selenium	78-2	257.19	252.89	250.21	253.43	1.39	ppb
Selenium	82-1	260.29	262.29	256.76	259.78	1.08	ppb
Silicon	28-1	287.79	292.09	292.05	290.64	0.85	ppb
Silver	109-1	257.73	257.13	257.56	257.47	0.12	ppb
Silver	107-1	254.22	255.32	255.64	255.06	0.29	ppb
Sodium	23-2	26761.75	26619.01	26534.22	26638.33	0.43	ppb
Strontium	86-1	250.73	252.32	250.81	251.29	0.35	ppb
Strontium	88-1	248.53	253.26	249.96	250.58	0.97	ppb
Sulfur	34-1	5050.51	5023.29	4967.71	5013.84	0.84	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	245.57	248.02	245.21	246.27	0.62	ppb
Thallium	205-1	251.25	255.40	251.56	252.73	0.91	ppb
Tin	118-1	249.23	250.84	249.51	249.86	0.34	ppb
Titanium	47-1	1252.73	1252.54	1252.27	1252.51	0.02	ppb
Uranium	238-1	244.38	244.25	244.46	244.36	0.04	ppb
Vanadium	51-2	251.97	252.72	252.75	252.48	0.17	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	528.99	523.72	526.68	526.46	0.50	ppb
Zirconium	90-1	253.82	255.46	254.96	254.75	0.33	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:39:16	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	250.30	250.71	252.74	251.25	0.52	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:43:02	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9950.10	10017.07	9949.00	9972.06	0.39	ppb
Antimony	121-1	501.71	508.00	512.65	507.45	1.08	ppb
Arsenic	75-2	500.64	501.46	501.66	501.25	0.11	ppb
Barium	135-1	2494.25	2488.32	2523.66	2502.07	0.76	ppb
Barium	137-1	2487.25	2499.17	2500.78	2495.73	0.30	ppb
Beryllium	9-1	500.02	506.15	506.70	504.29	0.73	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	475.02	500.73	516.28	497.34	4.19	ppb
Boron	11-1	484.57	494.70	504.28	494.52	1.99	ppb
Cadmium	111-1	497.92	504.12	507.15	503.06	0.94	ppb
Cadmium	106-1	498.97	503.00	494.17	498.71	0.89	ppb
Cadmium	108-1	507.60	511.26	510.74	509.87	0.39	ppb
Calcium	43-1	49199.72	49479.60	49997.47	49558.93	0.82	ppb
Calcium	44-1	48884.45	49196.69	49355.72	49145.62	0.49	ppb
Chromium	52-2	508.38	511.27	506.97	508.87	0.43	ppb
Cobalt	59-2	517.16	523.24	516.21	518.87	0.74	ppb
Copper	63-2	1036.21	1052.31	1039.12	1042.55	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				109		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	26264.46	26553.83	26230.18	26349.49	0.67	ppb
Iron	57-2	26175.52	26561.32	26244.84	26327.23	0.78	ppb
Lead	206-1	501.14	507.64	512.92	507.23	1.16	ppb
Lead	207-1	497.47	502.90	507.44	502.60	0.99	ppb
Lead	208-1	498.25	501.65	506.38	502.10	0.81	ppb
Lithium	6-1				104		%
Magnesium	24-2	52390.51	52919.16	52238.95	52516.21	0.68	ppb
Manganese	55-2	1011.09	1019.65	1014.14	1014.96	0.43	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:43:02	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2534.70	2518.98	2537.19	2530.29	0.39	ppb
Molybdenum	95-1	2531.34	2510.55	2540.38	2527.42	0.61	ppb
Molybdenum	96-1	2539.70	2524.15	2529.61	2531.15	0.31	ppb
Molybdenum	97-1	2548.11	2524.35	2548.42	2540.29	0.54	ppb
Molybdenum	98-1	2538.56	2537.52	2548.90	2541.66	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.01	524.42	515.66	519.69	0.85	ppb
Phosphorus	31-2	10060.84	10244.79	10419.03	10241.55	1.75	ppb
Potassium	39-2	24031.87	24298.54	24004.22	24111.54	0.67	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	494.89	509.30	511.76	505.31	1.80	ppb
Selenium	78-2	497.44	506.05	503.72	502.40	0.89	ppb
Selenium	82-1	508.30	509.15	511.61	509.69	0.34	ppb
Silicon	28-1	573.93	581.47	582.52	579.31	0.81	ppb
Silver	109-1	506.32	509.97	513.38	509.89	0.69	ppb
Silver	107-1	501.87	508.41	506.41	505.56	0.66	ppb
Sodium	23-2	51730.54	52328.82	51800.75	51953.37	0.63	ppb
Strontium	86-1	504.30	505.50	505.71	505.17	0.15	ppb
Strontium	88-1	504.39	502.88	506.22	504.50	0.33	ppb
Sulfur	34-1	9944.05	10088.57	10055.87	10029.50	0.76	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	505.04	507.88	515.89	509.60	1.10	ppb
Thallium	205-1	492.15	499.14	506.88	499.39	1.47	ppb
Tin	118-1	497.70	501.80	505.22	501.58	0.75	ppb
Titanium	47-1	2530.75	2517.37	2550.26	2532.79	0.65	ppb
Uranium	238-1	496.72	496.78	503.62	499.04	0.79	ppb
Vanadium	51-2	503.99	507.15	502.48	504.54	0.47	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	1028.03	1031.65	1028.99	1029.56	0.18	ppb
Zirconium	90-1	501.64	505.00	506.18	504.27	0.47	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:43:02	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.71	503.34	503.16	501.74	0.52	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:46:46	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19292.30	19323.17	19215.86	19277.11	0.29	ppb
Antimony	121-1	997.66	995.16	994.47	995.76	0.17	ppb
Arsenic	75-2	1001.47	996.34	997.04	998.28	0.28	ppb
Barium	135-1	4981.11	5008.37	4987.65	4992.38	0.29	ppb
Barium	137-1	4971.96	5019.20	4983.68	4991.61	0.49	ppb
Beryllium	9-1	1004.01	996.54	988.75	996.44	0.77	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	1003.09	1000.40	1005.51	1003.00	0.26	ppb
Boron	11-1	995.45	1013.91	1005.26	1004.87	0.92	ppb
Cadmium	111-1	994.73	993.95	1000.08	996.25	0.33	ppb
Cadmium	106-1	996.14	1004.09	998.27	999.50	0.41	ppb
Cadmium	108-1	985.71	1001.87	989.17	992.25	0.86	ppb
Calcium	43-1	97922.94	98253.42	97956.81	98044.39	0.19	ppb
Calcium	44-1	97331.69	98074.76	97154.62	97520.35	0.50	ppb
Chromium	52-2	995.90	998.78	985.52	993.40	0.70	ppb
Cobalt	59-2	995.07	985.14	978.77	986.33	0.83	ppb
Copper	63-2	1981.36	1962.76	1960.78	1968.30	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	51269.62	51055.26	50846.66	51057.18	0.41	ppb
Iron	57-2	51830.11	51530.31	51545.49	51635.30	0.33	ppb
Lead	206-1	992.95	1008.65	989.58	997.06	1.02	ppb
Lead	207-1	998.92	1001.69	999.63	1000.08	0.14	ppb
Lead	208-1	998.58	1004.48	994.92	999.33	0.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	100825.20	100841.32	100952.75	100873.09	0.07	ppb
Manganese	55-2	1994.11	1989.38	1984.91	1989.46	0.23	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:46:46	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4967.39	4978.44	4969.51	4971.78	0.12	ppb
Molybdenum	95-1	4982.46	4984.90	4975.47	4980.94	0.10	ppb
Molybdenum	96-1	4984.53	4993.00	4964.28	4980.60	0.30	ppb
Molybdenum	97-1	4966.40	5010.61	4947.05	4974.69	0.65	ppb
Molybdenum	98-1	4975.68	4989.67	4955.01	4973.45	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	988.89	986.55	979.06	984.83	0.52	ppb
Phosphorus	31-2	19809.25	19777.79	19848.40	19811.81	0.18	ppb
Potassium	39-2	47407.43	47529.52	47149.51	47362.15	0.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	993.49	990.40	995.89	993.26	0.28	ppb
Selenium	78-2	990.62	999.98	1000.58	997.06	0.56	ppb
Selenium	82-1	992.57	989.92	992.97	991.82	0.17	ppb
Silicon	28-1	946.07	950.86	946.66	947.86	0.28	ppb
Silver	109-1	986.95	998.61	990.93	992.16	0.60	ppb
Silver	107-1	993.45	997.12	994.44	995.00	0.19	ppb
Sodium	23-2	100127.61	100383.12	99471.31	99994.01	0.47	ppb
Strontium	86-1	993.39	994.47	1002.60	996.82	0.50	ppb
Strontium	88-1	997.35	1000.92	993.48	997.25	0.37	ppb
Sulfur	34-1	19841.54	19964.91	20052.74	19953.06	0.53	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	990.93	1013.15	985.43	996.50	1.47	ppb
Thallium	205-1	990.33	1018.96	989.91	999.73	1.67	ppb
Tin	118-1	996.38	1000.90	999.72	999.00	0.24	ppb
Titanium	47-1	4968.52	5017.65	4961.63	4982.60	0.61	ppb
Uranium	238-1	1007.35	1008.61	990.58	1002.18	1.00	ppb
Vanadium	51-2	996.93	1002.02	990.92	996.62	0.56	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	1976.58	1982.88	1967.71	1975.72	0.39	ppb
Zirconium	90-1	994.02	1001.26	994.11	996.46	0.42	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:46:46	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	996.08	1001.29	998.97	998.78	0.26	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:50:31	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99147.04	101998.76	99272.60	100139.47	1.61	ppb
Antimony	121-1	2.57	2.50	2.41	2.50	3.30	ppb
Arsenic	75-2	0.52	0.44	0.45	0.47	9.59	ppb
Barium	135-1	1.51	1.49	1.43	1.48	2.95	ppb
Barium	137-1	1.59	1.53	1.45	1.52	4.59	ppb
Beryllium	9-1	0.14	0.14	0.07	0.12	34.08	ppb
Bismuth	209-1				82		%
Bismuth	209-2				83		%
Boron	10-1	14.97	16.17	11.89	14.34	15.40	ppb
Boron	11-1	15.47	13.95	12.42	13.95	10.94	ppb
Cadmium	111-1	0.10	0.17	0.13	0.13	27.07	ppb
Cadmium	106-1	0.07	1.48	0.16	0.57	139.27	ppb
Cadmium	108-1	0.34	0.25	0.18	0.26	30.07	ppb
Calcium	43-1	496694.60	499397.35	505280.91	500457.62	0.88	ppb
Calcium	44-1	496799.18	498802.56	506235.55	500612.43	0.99	ppb
Chromium	52-2	22.83	23.21	22.19	22.74	2.26	ppb
Cobalt	59-2	1.29	1.30	1.23	1.27	2.89	ppb
Copper	63-2	2.78	2.78	2.69	2.75	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	247244.80	254814.71	246740.62	249600.04	1.81	ppb
Iron	57-2	247134.59	254506.79	246817.77	249486.38	1.74	ppb
Lead	206-1	2.53	2.54	2.66	2.57	2.84	ppb
Lead	207-1	2.43	2.45	2.43	2.44	0.51	ppb
Lead	208-1	2.51	2.51	2.54	2.52	0.60	ppb
Lithium	6-1				87		%
Magnesium	24-2	495430.52	508810.55	494062.22	499434.43	1.63	ppb
Manganese	55-2	6.86	7.14	7.13	7.04	2.24	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:50:31	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.43	4.45	4.36	4.41	1.12	ppb
Molybdenum	95-1	5.94	5.73	5.48	5.72	4.06	ppb
Molybdenum	96-1	7.04	6.86	6.98	6.96	1.37	ppb
Molybdenum	97-1	5.55	5.55	5.53	5.54	0.28	ppb
Molybdenum	98-1	5.66	5.52	5.56	5.58	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.90	14.07	14.03	14.00	0.65	ppb
Phosphorus	31-2	1.65	-3.57	-6.12	-2.68		ppb
Potassium	39-2	247934.53	255278.44	248678.15	250630.37	1.61	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				105		%
Scandium	45-2				110		%
Selenium	77-2	0.84	1.14	0.55	0.84	34.89	ppb
Selenium	78-2	1.41	0.97	0.33	0.90	60.37	ppb
Selenium	82-1	1.22	1.59	1.89	1.57	21.51	ppb
Silicon	28-1	49.82	51.66	51.69	51.06	2.09	ppb
Silver	109-1	0.08	0.08	0.09	0.08	6.00	ppb
Silver	107-1	0.08	0.08	0.08	0.08	2.69	ppb
Sodium	23-2	495712.11	509556.65	493816.17	499694.98	1.72	ppb
Strontium	86-1	33.85	33.55	33.96	33.78	0.63	ppb
Strontium	88-1	34.09	33.46	34.33	33.96	1.33	ppb
Sulfur	34-1	-599.76	-585.67	-506.93	-564.12		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.35	0.34	0.32	0.33	4.29	ppb
Thallium	205-1	0.31	0.31	0.33	0.32	4.05	ppb
Tin	118-1	1.64	1.64	1.50	1.59	5.12	ppb
Titanium	47-1	1.38	1.56	1.63	1.52	8.54	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	3.26	ppb
Vanadium	51-2	0.23	0.23	0.25	0.24	4.81	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	6.92	6.93	6.71	6.86	1.83	ppb
Zirconium	90-1	0.32	0.31	0.29	0.31	4.68	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:50:31	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.31	0.29	0.31	0.30	3.95	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:13:45	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	455.74	480.75	496.47	477.65	4.30	ppb
Antimony	121-1	192.21	191.02	191.57	191.60	0.31	ppb
Arsenic	75-2	183.68	184.93	185.56	184.72	0.52	ppb
Barium	135-1	97.92	96.58	97.39	97.29	0.69	ppb
Barium	137-1	96.97	96.27	94.90	96.05	1.09	ppb
Beryllium	9-1	98.11	99.26	95.45	97.61	2.00	ppb
Bismuth	209-1				93		%
Bismuth	209-2				101		%
Boron	10-1	569.35	570.30	586.29	575.31	1.66	ppb
Boron	11-1	581.69	589.38	587.71	586.26	0.69	ppb
Cadmium	111-1	105.38	106.51	104.47	105.46	0.97	ppb
Cadmium	106-1	162.93	163.75	161.60	162.76	0.67	ppb
Cadmium	108-1	135.36	134.47	134.87	134.90	0.33	ppb
Calcium	43-1	2061.57	2036.07	2028.79	2042.15	0.84	ppb
Calcium	44-1	1936.87	1922.19	1935.56	1931.54	0.42	ppb
Chromium	52-2	87.74	89.06	89.67	88.82	1.11	ppb
Cobalt	59-2	91.05	92.33	92.48	91.95	0.85	ppb
Copper	63-2	90.38	92.20	91.74	91.44	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				102		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				110		%
Iron	56-2	941.56	952.34	947.40	947.10	0.57	ppb
Iron	57-2	944.54	954.81	943.23	947.53	0.67	ppb
Lead	206-1	185.56	189.12	188.09	187.59	0.98	ppb
Lead	207-1	175.57	178.69	179.45	177.90	1.15	ppb
Lead	208-1	181.63	184.31	184.32	183.42	0.85	ppb
Lithium	6-1				91		%
Magnesium	24-2	1085.52	1092.58	1103.40	1093.83	0.82	ppb
Manganese	55-2	90.53	92.02	92.45	91.66	1.10	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:13:45	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1161.35	1151.34	1166.18	1159.63	0.65	ppb
Molybdenum	95-1	514.22	504.15	518.74	512.37	1.46	ppb
Molybdenum	96-1	584.25	578.34	592.42	585.00	1.21	ppb
Molybdenum	97-1	504.01	505.32	509.31	506.21	0.55	ppb
Molybdenum	98-1	512.82	511.43	515.96	513.40	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.88	94.59	94.42	93.96	1.00	ppb
Phosphorus	31-2	-6.40	-22.02	-11.55	-13.32		ppb
Potassium	39-2	1771.37	1795.68	1805.35	1790.80	0.98	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				113		%
Scandium	45-2				119		%
Selenium	77-2	188.49	196.80	203.64	196.31	3.87	ppb
Selenium	78-2	192.20	196.49	197.20	195.30	1.38	ppb
Selenium	82-1	196.02	193.63	193.00	194.22	0.82	ppb
Silicon	28-1	459.16	454.55	451.91	455.21	0.81	ppb
Silver	109-1	104.21	104.32	103.60	104.04	0.38	ppb
Silver	107-1	104.34	103.58	103.55	103.82	0.43	ppb
Sodium	23-2	1763.46	1785.60	1783.61	1777.55	0.69	ppb
Strontium	86-1	513.08	515.02	515.86	514.65	0.28	ppb
Strontium	88-1	514.53	515.39	515.82	515.24	0.13	ppb
Sulfur	34-1	-588.05	-676.23	-689.00	-651.09		ppb
Terbium	159-1				103		%
Terbium	159-2				109		%
Thallium	203-1	191.16	186.98	189.89	189.34	1.13	ppb
Thallium	205-1	189.41	191.18	192.77	191.12	0.88	ppb
Tin	118-1	559.72	554.39	556.34	556.82	0.48	ppb
Titanium	47-1	523.34	516.02	521.27	520.21	0.73	ppb
Uranium	238-1	510.75	498.68	499.25	502.89	1.35	ppb
Vanadium	51-2	87.28	89.19	89.58	88.68	1.39	ppb
Yttrium	89-1				111		%
Yttrium	89-2				114		%
Zinc	66-2	185.85	188.20	188.81	187.62	0.83	ppb
Zirconium	90-1	516.66	513.26	517.16	515.69	0.41	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:13:45	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.56	506.73	514.74	510.68	0.78	ppb

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 12:20:08 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	-0.10	-0.30	-0.10		ppb
Antimony	121-1	0.23	0.23	0.24	0.24	3.08	ppb
Arsenic	75-2	0.03	0.01	0.02	0.02	55.78	ppb
Barium	135-1	-0.01	0.00	0.02	0.01	246.68	ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	15.83	ppb
Bismuth	209-1				91		%
Bismuth	209-2				98		%
Boron	10-1	3.24	4.18	3.29	3.57	14.93	ppb
Boron	11-1	3.52	3.71	3.76	3.66	3.43	ppb
Cadmium	111-1	0.00	-0.03	-0.01	-0.02		ppb
Cadmium	106-1	0.04	-0.46	-0.15	-0.19		ppb
Cadmium	108-1	0.05	0.12	-0.02	0.05	151.22	ppb
Calcium	43-1	1.04	-1.90	0.29	-0.19		ppb
Calcium	44-1	4.68	3.86	4.99	4.51	12.87	ppb
Chromium	52-2	0.03	0.00	-0.01	0.01	294.53	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	17.93	ppb
Copper	63-2	0.04	0.02	0.01	0.03	47.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				110		%
Iron	56-2	0.36	0.34	0.33	0.35	4.31	ppb
Iron	57-2	0.91	1.20	0.48	0.86	41.68	ppb
Lead	206-1	0.01	0.02	0.03	0.02	64.53	ppb
Lead	207-1	0.01	0.01	0.02	0.01	49.25	ppb
Lead	208-1	0.01	0.01	0.02	0.01	52.51	ppb
Lithium	6-1				91		%
Magnesium	24-2	0.12	0.52	0.30	0.31	63.87	ppb
Manganese	55-2	0.00	0.00	0.00	0.00		ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:20:08	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.13	0.15	0.14	10.49	ppb
Molybdenum	95-1	0.12	0.14	0.13	0.13	7.85	ppb
Molybdenum	96-1	0.15	0.12	0.14	0.14	11.98	ppb
Molybdenum	97-1	0.13	0.11	0.13	0.12	9.98	ppb
Molybdenum	98-1	0.16	0.13	0.14	0.14	9.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-23.67	-16.72	-20.29	-20.23		ppb
Potassium	39-2	3.13	2.54	-1.36	1.44	169.56	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				116		%
Selenium	77-2	0.26	0.00	0.00	0.09	173.21	ppb
Selenium	78-2	0.79	0.44	-0.15	0.36	130.56	ppb
Selenium	82-1	0.46	0.25	1.14	0.61	75.45	ppb
Silicon	28-1	-5.30	-5.37	-3.43	-4.70		ppb
Silver	109-1	0.01	0.01	0.00	0.01	42.03	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.09	ppb
Sodium	23-2	14.13	13.79	12.23	13.38	7.56	ppb
Strontium	86-1	0.04	-0.01	0.03	0.02	138.93	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	48.82	ppb
Sulfur	34-1	-600.67	-575.56	-472.57	-549.60		ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	62.83	ppb
Tin	118-1	0.16	0.22	0.20	0.19	16.59	ppb
Titanium	47-1	0.07	0.01	0.06	0.05	73.30	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	10.54	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	116.94	ppb
Yttrium	89-1				110		%
Yttrium	89-2				113		%
Zinc	66-2	0.02	0.00	0.02	0.01	79.23	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	17.04	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:20:08	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.02	0.02	37.49	ppb

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 12:23:42 DataFile Name : 015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88532.60	89240.14	90571.72	89448.16	1.16	ppb
Antimony	121-1	2.13	2.20	2.21	2.18	1.85	ppb
Arsenic	75-2	0.27	0.37	0.34	0.33	15.18	ppb
Barium	135-1	1.57	1.49	1.51	1.52	2.78	ppb
Barium	137-1	1.57	1.44	1.38	1.46	6.63	ppb
Beryllium	9-1	0.28	0.37	0.34	0.33	13.45	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Boron	10-1	4.20	4.24	3.52	3.99	10.18	ppb
Boron	11-1	4.39	4.19	4.27	4.28	2.30	ppb
Cadmium	111-1	0.21	0.25	0.20	0.22	12.51	ppb
Cadmium	106-1	-0.95	-0.13	-0.72	-0.60		ppb
Cadmium	108-1	8.07	8.04	7.36	7.82	5.15	ppb
Calcium	43-1	95556.92	98216.66	96322.56	96698.72	1.42	ppb
Calcium	44-1	95678.82	97790.81	95544.49	96338.04	1.31	ppb
Chromium	52-2	18.55	18.98	19.20	18.91	1.76	ppb
Cobalt	59-2	1.10	1.11	1.11	1.11	0.77	ppb
Copper	63-2	7.46	7.43	7.69	7.52	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	97724.79	98654.69	99833.36	98737.61	1.07	ppb
Iron	57-2	97774.11	99046.15	99775.12	98865.13	1.02	ppb
Lead	206-1	4.80	5.00	4.78	4.86	2.57	ppb
Lead	207-1	4.13	4.27	4.05	4.15	2.61	ppb
Lead	208-1	4.44	4.56	4.36	4.45	2.35	ppb
Lithium	6-1				92		%
Magnesium	24-2	96212.57	96711.93	98006.93	96977.15	0.95	ppb
Manganese	55-2	7.52	7.55	7.82	7.63	2.14	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:23:42	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1309.16	1334.27	1323.77	1322.40	0.95	ppb
Molybdenum	95-1	1854.85	1894.99	1869.45	1873.10	1.08	ppb
Molybdenum	96-1	1794.45	1814.35	1804.87	1804.55	0.55	ppb
Molybdenum	97-1	1867.70	1883.88	1864.41	1871.99	0.56	ppb
Molybdenum	98-1	1873.04	1882.36	1861.86	1872.42	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.22	5.10	5.09	5.13	1.46	ppb
Phosphorus	31-2	95839.49	97362.38	98264.68	97155.52	1.26	ppb
Potassium	39-2	94149.56	95013.73	96251.52	95138.27	1.11	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				114		%
Selenium	77-2	0.27	0.54	0.00	0.27	100.06	ppb
Selenium	78-2	1.17	0.68	0.55	0.80	41.00	ppb
Selenium	82-1	0.57	0.98	0.72	0.75	27.45	ppb
Silicon	28-1	11.24	13.82	11.20	12.09	12.41	ppb
Silver	109-1	0.27	0.28	0.24	0.26	6.93	ppb
Silver	107-1	0.27	0.26	0.25	0.26	5.12	ppb
Sodium	23-2	96084.22	96016.95	97746.69	96615.96	1.01	ppb
Strontium	86-1	32.84	32.99	32.86	32.90	0.24	ppb
Strontium	88-1	32.70	33.45	32.65	32.93	1.36	ppb
Sulfur	34-1	48697.32	50272.78	49297.59	49422.56	1.61	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.12	0.13	0.10	0.12	13.71	ppb
Thallium	205-1	0.12	0.13	0.12	0.12	3.41	ppb
Tin	118-1	0.30	0.27	0.32	0.30	8.22	ppb
Titanium	47-1	1928.69	1957.73	1908.32	1931.58	1.29	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.46	ppb
Vanadium	51-2	0.13	0.16	0.14	0.14	12.79	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	11.13	10.88	10.97	10.99	1.16	ppb
Zirconium	90-1	0.37	0.31	0.26	0.31	17.82	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:23:42	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.26	0.27	0.29	12.50	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:27:16	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89652.19	91204.77	90507.62	90454.86	0.86	ppb
Antimony	121-1	21.92	22.04	22.49	22.15	1.37	ppb
Arsenic	75-2	19.90	20.37	20.42	20.23	1.43	ppb
Barium	135-1	22.41	22.16	22.00	22.19	0.94	ppb
Barium	137-1	21.89	22.30	22.23	22.14	0.99	ppb
Beryllium	9-1	21.60	20.76	21.63	21.33	2.31	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Boron	10-1	64.38	60.76	61.93	62.36	2.96	ppb
Boron	11-1	62.75	65.02	63.03	63.60	1.95	ppb
Cadmium	111-1	21.05	21.21	21.02	21.10	0.49	ppb
Cadmium	106-1	25.59	24.95	24.56	25.03	2.09	ppb
Cadmium	108-1	30.28	30.92	30.28	30.49	1.21	ppb
Calcium	43-1	98712.87	97937.21	97873.07	98174.38	0.48	ppb
Calcium	44-1	98333.09	97084.40	97706.49	97707.99	0.64	ppb
Chromium	52-2	38.07	38.95	38.41	38.48	1.15	ppb
Cobalt	59-2	20.35	20.88	20.79	20.67	1.36	ppb
Copper	63-2	26.47	26.85	26.88	26.73	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	98774.65	100813.13	100558.20	100048.66	1.11	ppb
Iron	57-2	99222.72	100732.73	100458.58	100138.01	0.80	ppb
Lead	206-1	25.40	26.39	25.35	25.71	2.28	ppb
Lead	207-1	23.35	23.99	22.81	23.38	2.54	ppb
Lead	208-1	24.22	24.75	23.88	24.28	1.80	ppb
Lithium	6-1				90		%
Magnesium	24-2	97852.50	99617.08	98644.41	98704.66	0.90	ppb
Manganese	55-2	27.08	27.28	27.41	27.25	0.61	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:27:16	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1444.90	1424.29	1434.03	1434.41	0.72	ppb
Molybdenum	95-1	1958.12	1942.88	1936.67	1945.89	0.57	ppb
Molybdenum	96-1	1886.38	1882.42	1877.32	1882.04	0.24	ppb
Molybdenum	97-1	1958.88	1941.65	1932.64	1944.39	0.69	ppb
Molybdenum	98-1	1959.59	1928.25	1940.21	1942.68	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.89	24.86	24.62	24.46	2.06	ppb
Phosphorus	31-2	97025.63	100064.96	97669.79	98253.46	1.63	ppb
Potassium	39-2	95776.47	97884.46	96838.74	96833.22	1.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				115		%
Selenium	77-2	19.44	20.66	18.13	19.41	6.53	ppb
Selenium	78-2	19.82	21.02	21.49	20.78	4.12	ppb
Selenium	82-1	20.30	20.97	20.52	20.60	1.67	ppb
Silicon	28-1	63.58	61.40	61.70	62.23	1.90	ppb
Silver	109-1	20.37	20.01	20.07	20.15	0.94	ppb
Silver	107-1	20.25	19.79	20.05	20.03	1.16	ppb
Sodium	23-2	97329.17	99475.90	97551.36	98118.81	1.20	ppb
Strontium	86-1	87.94	87.33	86.96	87.41	0.56	ppb
Strontium	88-1	87.20	87.67	87.88	87.58	0.40	ppb
Sulfur	34-1	50363.24	49306.74	49797.98	49822.65	1.06	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	20.71	20.55	20.73	20.67	0.50	ppb
Thallium	205-1	20.56	20.74	20.87	20.72	0.76	ppb
Tin	118-1	56.37	55.68	56.86	56.31	1.06	ppb
Titanium	47-1	2010.18	2007.95	2012.31	2010.15	0.11	ppb
Uranium	238-1	53.52	53.73	52.82	53.36	0.89	ppb
Vanadium	51-2	19.26	19.59	19.60	19.49	0.99	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	30.35	30.43	30.07	30.28	0.63	ppb
Zirconium	90-1	53.77	54.07	53.90	53.92	0.28	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:27:16	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	53.70	53.08	53.43	53.41	0.58	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P7
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:30:51	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48631.54	49006.13	49394.01	49010.56	0.78	ppb
Antimony	121-1	515.18	524.56	519.84	519.86	0.90	ppb
Arsenic	75-2	493.98	491.87	489.76	491.87	0.43	ppb
Barium	135-1	2569.96	2613.34	2587.08	2590.13	0.84	ppb
Barium	137-1	2560.98	2613.76	2567.31	2580.68	1.12	ppb
Beryllium	9-1	521.03	532.77	521.82	525.21	1.25	ppb
Bismuth	209-1				87		%
Bismuth	209-2				90		%
Boron	10-1	520.29	533.33	540.18	531.26	1.90	ppb
Boron	11-1	522.35	545.72	547.39	538.48	2.60	ppb
Cadmium	111-1	505.76	516.33	507.22	509.77	1.12	ppb
Cadmium	106-1	515.26	514.61	507.87	512.58	0.80	ppb
Cadmium	108-1	513.86	518.83	517.07	516.59	0.49	ppb
Calcium	43-1	245851.59	250084.95	244848.99	246928.51	1.13	ppb
Calcium	44-1	244208.77	249670.17	244031.02	245969.98	1.30	ppb
Chromium	52-2	489.36	489.22	491.53	490.04	0.26	ppb
Cobalt	59-2	474.88	474.17	475.88	474.98	0.18	ppb
Copper	63-2	920.18	917.01	922.64	919.95	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	122540.94	122130.04	122800.81	122490.60	0.28	ppb
Iron	57-2	123042.34	122743.41	122892.45	122892.73	0.12	ppb
Lead	206-1	513.07	524.20	514.05	517.11	1.19	ppb
Lead	207-1	510.42	517.84	507.60	511.95	1.03	ppb
Lead	208-1	510.54	520.58	508.86	513.33	1.23	ppb
Lithium	6-1				89		%
Magnesium	24-2	247962.69	248372.98	249325.62	248553.76	0.28	ppb
Manganese	55-2	977.82	975.79	984.91	979.51	0.49	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P7
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:30:51	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2464.99	2529.19	2485.04	2493.07	1.32	ppb
Molybdenum	95-1	2453.76	2519.19	2465.35	2479.43	1.41	ppb
Molybdenum	96-1	2438.52	2509.66	2461.67	2469.95	1.47	ppb
Molybdenum	97-1	2438.89	2502.16	2462.66	2467.90	1.30	ppb
Molybdenum	98-1	2439.47	2493.35	2463.54	2465.46	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.94	470.32	470.31	469.86	0.17	ppb
Phosphorus	31-2	9796.77	9727.58	10056.33	9860.23	1.76	ppb
Potassium	39-2	122197.82	122005.56	123547.97	122583.78	0.69	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				114		%
Selenium	77-2	519.61	472.65	480.75	491.00	5.11	ppb
Selenium	78-2	502.61	495.38	495.18	497.72	0.85	ppb
Selenium	82-1	481.94	495.64	486.93	488.17	1.42	ppb
Silicon	28-1	501.71	523.96	511.82	512.50	2.17	ppb
Silver	109-1	511.79	520.35	506.80	512.98	1.34	ppb
Silver	107-1	509.08	514.47	510.43	511.33	0.55	ppb
Sodium	23-2	247443.53	247577.25	247924.50	247648.43	0.10	ppb
Strontium	86-1	514.58	518.60	515.99	516.39	0.39	ppb
Strontium	88-1	516.72	523.65	514.13	518.16	0.95	ppb
Sulfur	34-1	9660.13	9788.94	9551.14	9666.73	1.23	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	519.01	529.92	514.37	521.10	1.53	ppb
Thallium	205-1	516.96	526.57	513.94	519.15	1.27	ppb
Tin	118-1	517.10	520.87	515.60	517.86	0.52	ppb
Titanium	47-1	2482.90	2515.11	2486.06	2494.69	0.71	ppb
Uranium	238-1	511.96	518.62	511.91	514.16	0.75	ppb
Vanadium	51-2	487.32	487.83	491.00	488.71	0.41	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	930.58	921.71	931.03	927.78	0.57	ppb
Zirconium	90-1	499.71	510.79	498.96	503.15	1.32	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P7
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:30:51	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.22	506.16	497.28	498.22	1.51	ppb

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : CCB047 Instrumnet Name : P7
 Client Sample ID : CCB047 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 12:34:28 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.41	2.17	1.65	1.75	22.28	ppb
Antimony	121-1	1.28	1.26	1.29	1.28	0.96	ppb
Arsenic	75-2	0.07	0.07	0.08	0.07	6.77	ppb
Barium	135-1	0.05	0.07	0.04	0.06	22.56	ppb
Barium	137-1	0.06	0.03	0.02	0.04	58.85	ppb
Beryllium	9-1	0.08	0.03	0.04	0.05	48.39	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	8.08	8.07	6.63	7.59	11.03	ppb
Boron	11-1	7.10	6.31	5.60	6.34	11.86	ppb
Cadmium	111-1	0.03	0.01	0.07	0.03	88.10	ppb
Cadmium	106-1	0.32	0.17	0.93	0.47	86.04	ppb
Cadmium	108-1	0.05	0.05	0.05	0.05	1.89	ppb
Calcium	43-1	2.56	4.32	-0.34	2.18	108.15	ppb
Calcium	44-1	7.22	6.30	9.76	7.76	23.11	ppb
Chromium	52-2	0.02	0.03	0.03	0.02	17.21	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.13	0.08	0.10	0.10	20.48	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				105		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	56-2	8.77	7.71	7.30	7.93	9.59	ppb
Iron	57-2	8.79	7.00	7.11	7.63	13.17	ppb
Lead	206-1	0.18	0.16	0.16	0.16	7.04	ppb
Lead	207-1	0.19	0.18	0.18	0.18	5.16	ppb
Lead	208-1	0.17	0.17	0.16	0.17	5.30	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.70	0.78	0.45	0.64	26.90	ppb
Manganese	55-2	0.01	0.00	0.01	0.00	158.36	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB047	Instrumnet Name :	P7
Client Sample ID :	CCB047	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:34:28	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.94	0.82	0.75	0.84	11.28	ppb
Molybdenum	95-1	1.13	0.93	0.93	1.00	11.22	ppb
Molybdenum	96-1	0.98	1.02	0.88	0.96	7.65	ppb
Molybdenum	97-1	1.09	1.00	1.00	1.03	5.05	ppb
Molybdenum	98-1	1.16	0.97	0.89	1.01	13.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-16.79	-4.99	-10.53	-10.77		ppb
Potassium	39-2	21.83	21.28	17.57	20.23	11.46	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				115		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.39	0.48	1.30	0.72	69.40	ppb
Selenium	82-1	-0.06	0.18	0.22	0.11	136.22	ppb
Silicon	28-1	-4.71	-4.88	-4.87	-4.82		ppb
Silver	109-1	0.02	0.03	0.02	0.02	12.57	ppb
Silver	107-1	0.04	0.02	0.03	0.03	24.90	ppb
Sodium	23-2	43.86	40.57	41.31	41.91	4.12	ppb
Strontium	86-1	0.02	0.06	0.05	0.04	50.03	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	22.78	ppb
Sulfur	34-1	-734.45	-746.84	-677.20	-719.50		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.07	0.05	0.06	21.35	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	9.74	ppb
Tin	118-1	0.30	0.26	0.24	0.27	11.26	ppb
Titanium	47-1	0.10	0.16	0.01	0.09	85.02	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	83.22	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	0.03	0.10	0.18	0.10	68.56	ppb
Zirconium	90-1	0.08	0.07	0.08	0.07	8.17	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB047	Instrumnet Name :	P7
Client Sample ID :	CCB047	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:34:28	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.09	0.07	0.08	11.77	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:38:01	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.79	17.87	17.73	18.13	3.17	ppb
Antimony	121-1	2.15	2.23	2.23	2.20	2.10	ppb
Arsenic	75-2	0.99	1.04	1.02	1.02	2.58	ppb
Barium	135-1	9.66	9.44	9.18	9.43	2.53	ppb
Barium	137-1	9.28	9.47	9.13	9.29	1.83	ppb
Beryllium	9-1	0.96	0.94	1.19	1.03	13.31	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Boron	10-1	25.36	27.59	24.90	25.95	5.55	ppb
Boron	11-1	27.07	25.56	25.75	26.13	3.16	ppb
Cadmium	111-1	1.11	0.81	0.84	0.92	17.98	ppb
Cadmium	106-1	2.63	-0.72	-0.35	0.52	354.38	ppb
Cadmium	108-1	1.27	1.38	0.89	1.18	21.53	ppb
Calcium	43-1	429.44	435.63	454.40	439.82	2.96	ppb
Calcium	44-1	438.78	446.13	445.51	443.47	0.92	ppb
Chromium	52-2	1.86	1.93	1.98	1.92	3.03	ppb
Cobalt	59-2	0.87	0.92	0.89	0.89	2.53	ppb
Copper	63-2	1.86	1.94	1.91	1.91	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	49.61	48.83	48.79	49.08	0.95	ppb
Iron	57-2	53.80	48.89	50.65	51.11	4.87	ppb
Lead	206-1	0.96	1.01	0.99	0.99	2.59	ppb
Lead	207-1	0.91	0.94	0.98	0.94	3.50	ppb
Lead	208-1	0.96	0.98	0.98	0.97	0.72	ppb
Lithium	6-1				87		%
Magnesium	24-2	444.97	455.72	450.18	450.29	1.19	ppb
Manganese	55-2	0.96	0.96	0.97	0.96	0.44	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:38:01	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.95	4.66	4.68	4.76	3.44	ppb
Molybdenum	95-1	4.60	4.53	4.62	4.58	1.05	ppb
Molybdenum	96-1	4.71	4.47	4.63	4.60	2.59	ppb
Molybdenum	97-1	4.57	4.67	4.70	4.65	1.43	ppb
Molybdenum	98-1	4.78	4.51	4.63	4.64	2.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.97	0.97	0.96	2.00	ppb
Phosphorus	31-2	-7.34	-15.04	-10.43	-10.94		ppb
Potassium	39-2	457.96	457.02	459.64	458.21	0.29	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				116		%
Selenium	77-2	5.28	5.57	4.24	5.03	13.92	ppb
Selenium	78-2	5.51	7.05	4.79	5.78	19.95	ppb
Selenium	82-1	5.63	5.39	5.32	5.45	3.04	ppb
Silicon	28-1	5.90	6.80	6.81	6.50	8.04	ppb
Silver	109-1	1.10	1.05	1.00	1.05	4.82	ppb
Silver	107-1	1.03	1.03	1.00	1.02	1.82	ppb
Sodium	23-2	473.60	467.24	479.35	473.40	1.28	ppb
Strontium	86-1	0.96	0.93	0.98	0.96	2.58	ppb
Strontium	88-1	0.90	0.97	0.91	0.93	4.08	ppb
Sulfur	34-1	-667.71	-658.73	-666.02	-664.16		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.97	0.97	0.95	0.96	1.15	ppb
Thallium	205-1	0.91	0.94	0.92	0.92	1.52	ppb
Tin	118-1	4.79	4.78	4.73	4.77	0.60	ppb
Titanium	47-1	4.21	4.39	4.68	4.43	5.29	ppb
Uranium	238-1	0.85	0.79	0.83	0.82	3.45	ppb
Vanadium	51-2	4.41	4.41	4.35	4.39	0.81	ppb
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	1.94	2.16	2.27	2.12	8.15	ppb
Zirconium	90-1	1.05	1.07	0.98	1.03	4.30	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:38:01	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.98	0.95	1.02	0.99	3.37	ppb

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 12:48:27 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	-0.10	-0.23	-0.13		ppb
Antimony	121-1	0.11	0.10	0.11	0.11	3.85	ppb
Arsenic	75-2	0.01	0.02	-0.02	0.00	749.78	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	0.92	ppb
Bismuth	209-1				87		%
Bismuth	209-2				93		%
Boron	10-1	1.59	1.84	1.14	1.52	23.30	ppb
Boron	11-1	1.78	2.32	1.86	1.99	14.58	ppb
Cadmium	111-1	0.14	0.08	0.07	0.10	37.97	ppb
Cadmium	106-1	1.98	1.13	1.03	1.38	37.66	ppb
Cadmium	108-1	-0.02	0.03	0.00	0.00	2492.52	ppb
Calcium	43-1	0.41	0.36	3.20	1.33	122.56	ppb
Calcium	44-1	6.61	3.27	7.25	5.71	37.44	ppb
Chromium	52-2	0.00	-0.01	0.00	0.00		ppb
Cobalt	59-2	-0.01	0.00	0.00	-0.01		ppb
Copper	63-2	0.01	0.02	0.01	0.01	31.06	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				97		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	56-2	0.30	0.40	0.46	0.39	19.98	ppb
Iron	57-2	0.52	1.08	-0.02	0.53	103.81	ppb
Lead	206-1	0.01	-0.01	0.00	0.00		ppb
Lead	207-1	0.01	0.00	0.00	0.00	101.31	ppb
Lead	208-1	0.00	0.00	0.00	0.00	1627.66	ppb
Lithium	6-1				85		%
Magnesium	24-2	0.13	0.26	0.20	0.20	31.21	ppb
Manganese	55-2	0.00	0.00	0.00	0.00		ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:48:27	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.05	0.06	0.07	35.55	ppb
Molybdenum	95-1	0.10	0.10	0.09	0.10	6.87	ppb
Molybdenum	96-1	0.09	0.10	0.11	0.10	11.52	ppb
Molybdenum	97-1	0.08	0.09	0.09	0.09	8.89	ppb
Molybdenum	98-1	0.09	0.08	0.09	0.09	5.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-17.85	-14.31	-18.47	-16.88		ppb
Potassium	39-2	3.38	6.21	6.39	5.33	31.74	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				117		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.85	0.73	0.87	0.82	9.55	ppb
Selenium	82-1	0.18	0.41	0.63	0.41	55.35	ppb
Silicon	28-1	-5.26	-6.14	-5.01	-5.47		ppb
Silver	109-1	0.01	0.02	0.01	0.01	58.58	ppb
Silver	107-1	0.02	0.01	0.01	0.01	22.00	ppb
Sodium	23-2	18.23	17.49	16.94	17.56	3.70	ppb
Strontium	86-1	0.02	0.03	0.04	0.03	32.13	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	870.08	ppb
Sulfur	34-1	-486.94	-515.19	-548.54	-516.89		ppb
Terbium	159-1				98		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.02	0.01	32.94	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	7.97	ppb
Tin	118-1	0.05	0.06	0.04	0.05	16.56	ppb
Titanium	47-1	-0.01	0.03	0.02	0.01	204.75	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				109		%
Yttrium	89-2				112		%
Zinc	66-2	0.02	0.04	0.04	0.03	43.51	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	34.88	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:48:27	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.00	0.00	253.14	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:52:01	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.67	39.64	36.61	37.64	4.60	ppb
Antimony	121-1	4.06	3.99	4.19	4.08	2.60	ppb
Arsenic	75-2	1.92	1.87	2.13	1.97	6.95	ppb
Barium	135-1	19.65	19.20	19.66	19.50	1.36	ppb
Barium	137-1	19.46	20.09	19.48	19.67	1.82	ppb
Beryllium	9-1	2.12	2.09	1.98	2.06	3.48	ppb
Bismuth	209-1				87		%
Bismuth	209-2				95		%
Boron	10-1	44.79	47.78	51.06	47.87	6.55	ppb
Boron	11-1	48.13	49.72	52.23	50.03	4.13	ppb
Cadmium	111-1	2.32	2.08	2.01	2.14	7.68	ppb
Cadmium	106-1	2.52	2.59	1.73	2.28	20.98	ppb
Cadmium	108-1	1.85	2.36	2.30	2.17	12.91	ppb
Calcium	43-1	920.14	954.32	923.91	932.79	2.01	ppb
Calcium	44-1	924.06	930.55	919.52	924.71	0.60	ppb
Chromium	52-2	4.06	3.99	4.12	4.06	1.67	ppb
Cobalt	59-2	1.92	1.90	1.93	1.92	0.81	ppb
Copper	63-2	3.96	3.82	3.82	3.87	2.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				110		%
Iron	56-2	481.79	476.46	490.87	483.04	1.51	ppb
Iron	57-2	491.14	486.58	499.57	492.43	1.34	ppb
Lead	206-1	2.00	1.95	1.85	1.93	3.85	ppb
Lead	207-1	1.90	1.82	1.84	1.85	2.30	ppb
Lead	208-1	1.93	1.87	1.86	1.89	1.91	ppb
Lithium	6-1				86		%
Magnesium	24-2	946.32	930.01	950.37	942.23	1.14	ppb
Manganese	55-2	2.06	1.96	2.09	2.04	3.49	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:52:01	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.57	9.31	9.21	9.37	1.99	ppb
Molybdenum	95-1	9.16	9.21	9.13	9.17	0.46	ppb
Molybdenum	96-1	9.09	8.90	8.90	8.97	1.23	ppb
Molybdenum	97-1	9.01	9.01	9.02	9.01	0.07	ppb
Molybdenum	98-1	9.04	9.06	9.02	9.04	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.05	2.03	2.21	2.09	4.74	ppb
Phosphorus	31-2	10.64	-5.63	-22.14	-5.71		ppb
Potassium	39-2	923.80	929.02	956.09	936.30	1.85	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				119		%
Selenium	77-2	9.80	9.83	12.41	10.68	14.08	ppb
Selenium	78-2	10.88	11.36	10.63	10.96	3.37	ppb
Selenium	82-1	10.65	10.02	9.39	10.02	6.28	ppb
Silicon	28-1	20.42	20.09	19.21	19.91	3.14	ppb
Silver	109-1	2.28	2.26	2.21	2.25	1.53	ppb
Silver	107-1	2.20	2.23	2.23	2.22	0.79	ppb
Sodium	23-2	939.67	927.97	949.54	939.06	1.15	ppb
Strontium	86-1	1.92	2.02	1.75	1.90	7.09	ppb
Strontium	88-1	1.89	1.91	1.97	1.92	1.96	ppb
Sulfur	34-1	-499.44	-477.20	-493.03	-489.89		ppb
Terbium	159-1				98		%
Terbium	159-2				106		%
Thallium	203-1	1.94	1.89	1.91	1.91	1.14	ppb
Thallium	205-1	2.00	1.89	1.89	1.93	3.28	ppb
Tin	118-1	9.89	10.14	10.00	10.01	1.26	ppb
Titanium	47-1	9.82	9.49	9.79	9.70	1.84	ppb
Uranium	238-1	1.73	1.76	1.71	1.73	1.41	ppb
Vanadium	51-2	9.06	9.06	9.17	9.10	0.72	ppb
Yttrium	89-1				110		%
Yttrium	89-2				114		%
Zinc	66-2	4.00	4.24	4.27	4.17	3.55	ppb
Zirconium	90-1	1.93	1.99	2.01	1.98	2.14	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:52:01	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.02	1.96	1.97	1.98	1.79	ppb

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P7
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 12:55:34 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	-0.11	-0.04	-0.08		ppb
Antimony	121-1	0.06	0.07	0.08	0.07	11.15	ppb
Arsenic	75-2	0.00	-0.02	0.00	-0.01		ppb
Barium	135-1	0.00	0.00	0.00	0.00	2611.81	ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.02	0.04	0.03	55.66	ppb
Bismuth	209-1				88		%
Bismuth	209-2				94		%
Boron	10-1	2.99	1.56	2.12	2.22	32.46	ppb
Boron	11-1	2.07	2.65	1.91	2.21	17.70	ppb
Cadmium	111-1	0.06	0.04	0.17	0.09	76.19	ppb
Cadmium	106-1	0.94	0.60	2.40	1.31	73.02	ppb
Cadmium	108-1	0.08	0.03	0.00	0.03	112.18	ppb
Calcium	43-1	-0.82	5.79	4.81	3.26	109.39	ppb
Calcium	44-1	2.78	3.58	3.14	3.17	12.57	ppb
Chromium	52-2	-0.02	0.04	0.03	0.02	188.98	ppb
Cobalt	59-2	-0.01	0.00	0.00	-0.01		ppb
Copper	63-2	0.00	0.01	0.03	0.01	127.06	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				98		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	0.36	0.33	0.40	0.36	9.40	ppb
Iron	57-2	0.04	0.35	0.24	0.21	74.76	ppb
Lead	206-1	-0.01	0.00	-0.01	-0.01		ppb
Lead	207-1	-0.01	-0.01	0.00	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				87		%
Magnesium	24-2	0.29	0.22	0.43	0.31	33.74	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	257.98	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:55:34	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.07	0.06	0.05	44.86	ppb
Molybdenum	95-1	0.05	0.06	0.06	0.06	8.88	ppb
Molybdenum	96-1	0.06	0.04	0.07	0.06	22.43	ppb
Molybdenum	97-1	0.05	0.06	0.05	0.06	12.89	ppb
Molybdenum	98-1	0.06	0.07	0.08	0.07	11.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.03	-0.02		ppb
Phosphorus	31-2	-4.35	-8.17	-10.16	-7.56		ppb
Potassium	39-2	2.71	3.29	7.52	4.51	58.31	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				118		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.58	0.42	1.22	0.74	57.63	ppb
Selenium	82-1	0.33	0.29	-0.07	0.18	120.67	ppb
Silicon	28-1	-5.10	-5.37	-5.23	-5.23		ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.14	ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.65	ppb
Sodium	23-2	15.09	14.27	14.48	14.61	2.90	ppb
Strontium	86-1	-0.01	-0.02	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-472.65	-476.20	-447.61	-465.49		ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.01	0.01	21.17	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	24.32	ppb
Tin	118-1	0.06	0.05	0.04	0.05	16.76	ppb
Titanium	47-1	0.02	0.03	0.01	0.02	62.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				110		%
Yttrium	89-2				112		%
Zinc	66-2	-0.02	0.01	-0.05	-0.02		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	22.88	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:55:34	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.00	0.01	127.59	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:59:07	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.99	36.77	35.96	36.91	2.77	ppb
Antimony	121-1	4.09	4.00	3.93	4.01	2.11	ppb
Arsenic	75-2	2.05	2.02	1.91	1.99	3.70	ppb
Barium	135-1	19.68	19.84	19.38	19.63	1.17	ppb
Barium	137-1	19.40	19.44	19.52	19.45	0.32	ppb
Beryllium	9-1	2.04	1.98	1.90	1.97	3.64	ppb
Bismuth	209-1				89		%
Bismuth	209-2				93		%
Boron	10-1	49.09	46.91	52.65	49.55	5.84	ppb
Boron	11-1	49.00	50.04	51.74	50.26	2.75	ppb
Cadmium	111-1	2.11	2.19	2.29	2.20	4.21	ppb
Cadmium	106-1	2.18	2.77	4.00	2.98	31.07	ppb
Cadmium	108-1	1.83	2.21	2.06	2.03	9.51	ppb
Calcium	43-1	939.91	882.39	929.92	917.40	3.35	ppb
Calcium	44-1	915.56	918.64	918.34	917.51	0.19	ppb
Chromium	52-2	4.00	3.86	3.99	3.95	1.96	ppb
Cobalt	59-2	1.92	1.91	1.93	1.92	0.39	ppb
Copper	63-2	3.83	3.92	3.80	3.85	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	497.26	498.95	496.22	497.48	0.28	ppb
Iron	57-2	495.99	492.22	493.70	493.97	0.38	ppb
Lead	206-1	1.92	1.93	1.98	1.94	1.57	ppb
Lead	207-1	1.92	1.93	1.82	1.89	3.28	ppb
Lead	208-1	1.90	1.90	1.88	1.89	0.77	ppb
Lithium	6-1				87		%
Magnesium	24-2	951.16	957.32	945.07	951.18	0.64	ppb
Manganese	55-2	1.96	2.09	1.96	2.00	3.66	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:59:07	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	8.99	9.14	9.33	9.15	1.82	ppb
Molybdenum	95-1	8.91	9.14	9.14	9.06	1.48	ppb
Molybdenum	96-1	8.74	9.07	8.93	8.91	1.85	ppb
Molybdenum	97-1	8.87	8.90	9.08	8.95	1.29	ppb
Molybdenum	98-1	8.75	9.17	9.01	8.98	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.08	1.96	2.10	2.05	3.57	ppb
Phosphorus	31-2	-5.51	15.49	-14.92	-1.65		ppb
Potassium	39-2	927.49	925.54	936.65	929.89	0.64	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				118		%
Selenium	77-2	9.91	11.36	12.70	11.32	12.33	ppb
Selenium	78-2	12.63	10.97	10.22	11.27	10.92	ppb
Selenium	82-1	10.24	10.25	9.34	9.95	5.24	ppb
Silicon	28-1	19.81	19.24	20.61	19.89	3.45	ppb
Silver	109-1	2.24	2.16	2.12	2.17	2.74	ppb
Silver	107-1	2.21	2.19	2.15	2.18	1.46	ppb
Sodium	23-2	946.76	946.33	937.15	943.41	0.58	ppb
Strontium	86-1	1.88	1.85	2.03	1.92	4.90	ppb
Strontium	88-1	1.85	1.89	1.90	1.88	1.44	ppb
Sulfur	34-1	-448.23	-434.25	-393.22	-425.23		ppb
Terbium	159-1				100		%
Terbium	159-2				106		%
Thallium	203-1	1.93	1.90	1.88	1.91	1.22	ppb
Thallium	205-1	1.85	1.92	1.97	1.91	3.06	ppb
Tin	118-1	10.08	10.18	9.86	10.04	1.67	ppb
Titanium	47-1	9.50	9.35	9.42	9.42	0.77	ppb
Uranium	238-1	1.69	1.71	1.73	1.71	0.97	ppb
Vanadium	51-2	9.16	9.12	9.16	9.15	0.24	ppb
Yttrium	89-1				110		%
Yttrium	89-2				112		%
Zinc	66-2	4.16	4.06	4.04	4.09	1.66	ppb
Zirconium	90-1	1.91	2.02	1.89	1.94	3.38	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:59:07	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.83	1.89	1.82	1.85	2.28	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:02:41	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.99	5.23	5.26	5.49	7.84	ppb
Antimony	121-1	0.28	0.30	0.28	0.29	4.24	ppb
Arsenic	75-2	0.21	0.23	0.22	0.22	4.44	ppb
Barium	135-1	1.37	1.23	1.28	1.29	5.64	ppb
Barium	137-1	1.20	1.40	1.21	1.27	8.93	ppb
Beryllium	9-1	0.22	0.29	0.30	0.27	15.68	ppb
Bismuth	209-1				89		%
Bismuth	209-2				94		%
Boron	10-1	1.08	1.74	1.32	1.38	24.26	ppb
Boron	11-1	2.28	2.20	2.15	2.21	3.07	ppb
Cadmium	111-1	0.24	0.27	0.20	0.24	14.61	ppb
Cadmium	106-1	-0.24	0.81	-0.66	-0.03		ppb
Cadmium	108-1	0.38	0.41	0.25	0.35	24.35	ppb
Calcium	43-1	37.31	32.24	32.72	34.09	8.20	ppb
Calcium	44-1	35.77	36.54	35.43	35.91	1.59	ppb
Chromium	52-2	0.26	0.21	0.27	0.25	12.11	ppb
Cobalt	59-2	0.29	0.26	0.26	0.27	7.34	ppb
Copper	63-2	0.52	0.50	0.50	0.51	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				109		%
Iron	56-2	13.09	13.25	13.27	13.20	0.72	ppb
Iron	57-2	12.19	12.57	15.68	13.48	14.21	ppb
Lead	206-1	0.23	0.23	0.24	0.23	2.91	ppb
Lead	207-1	0.23	0.23	0.23	0.23	0.92	ppb
Lead	208-1	0.22	0.22	0.23	0.22	1.92	ppb
Lithium	6-1				88		%
Magnesium	24-2	24.88	25.93	26.07	25.63	2.54	ppb
Manganese	55-2	0.51	0.52	0.54	0.52	3.23	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:02:41	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.08	1.12	1.27	1.16	8.33	ppb
Molybdenum	95-1	1.33	1.23	1.24	1.27	4.30	ppb
Molybdenum	96-1	1.12	1.22	1.14	1.16	4.24	ppb
Molybdenum	97-1	1.18	1.23	1.29	1.23	4.32	ppb
Molybdenum	98-1	1.20	1.22	1.16	1.19	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.23	0.17	0.21	14.70	ppb
Phosphorus	31-2	-4.41	-1.08	-6.31	-3.93		ppb
Potassium	39-2	15.03	14.21	17.66	15.64	11.54	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				116		%
Selenium	77-2	0.52	0.52	0.26	0.44	34.34	ppb
Selenium	78-2	0.30	1.42	0.81	0.84	66.78	ppb
Selenium	82-1	0.33	0.16	0.28	0.26	34.60	ppb
Silicon	28-1	2.00	2.65	3.25	2.63	23.80	ppb
Silver	109-1	0.34	0.37	0.34	0.35	4.52	ppb
Silver	107-1	0.35	0.32	0.36	0.34	6.71	ppb
Sodium	23-2	36.89	36.70	39.23	37.61	3.75	ppb
Strontium	86-1	0.26	0.28	0.30	0.28	7.63	ppb
Strontium	88-1	0.26	0.24	0.24	0.25	5.21	ppb
Sulfur	34-1	-424.88	-354.86	-352.38	-377.37		ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	0.26	0.25	0.25	0.26	1.50	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	0.49	ppb
Tin	118-1	0.32	0.30	0.30	0.31	4.29	ppb
Titanium	47-1	1.16	1.34	1.18	1.23	8.17	ppb
Uranium	238-1	0.23	0.23	0.21	0.22	3.90	ppb
Vanadium	51-2	0.24	0.27	0.27	0.26	7.16	ppb
Yttrium	89-1				110		%
Yttrium	89-2				112		%
Zinc	66-2	0.53	0.65	0.57	0.58	10.43	ppb
Zirconium	90-1	0.22	0.22	0.21	0.22	1.60	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:02:41	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.22	0.20	0.22	0.21	4.23	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:06:15	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.77	4.23	4.38	4.46	6.23	ppb
Antimony	121-1	0.26	0.30	0.31	0.29	9.07	ppb
Arsenic	75-2	0.25	0.20	0.24	0.23	11.55	ppb
Barium	135-1	1.27	1.22	1.40	1.30	7.27	ppb
Barium	137-1	1.29	1.25	1.29	1.28	1.73	ppb
Beryllium	9-1	0.21	0.32	0.30	0.28	20.33	ppb
Bismuth	209-1				88		%
Bismuth	209-2				95		%
Boron	10-1	1.41	1.20	1.74	1.45	18.82	ppb
Boron	11-1	1.40	1.74	2.11	1.75	20.26	ppb
Cadmium	111-1	0.34	0.29	0.33	0.32	7.97	ppb
Cadmium	106-1	1.37	0.65	0.70	0.91	44.10	ppb
Cadmium	108-1	0.25	0.31	0.20	0.25	19.84	ppb
Calcium	43-1	30.85	27.48	29.15	29.16	5.78	ppb
Calcium	44-1	36.20	35.73	34.88	35.60	1.88	ppb
Chromium	52-2	0.27	0.17	0.24	0.22	22.09	ppb
Cobalt	59-2	0.27	0.25	0.24	0.25	6.48	ppb
Copper	63-2	0.54	0.49	0.54	0.52	6.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				110		%
Iron	56-2	13.06	12.90	13.12	13.03	0.87	ppb
Iron	57-2	15.26	13.49	12.84	13.86	9.03	ppb
Lead	206-1	0.21	0.23	0.23	0.22	6.32	ppb
Lead	207-1	0.25	0.23	0.23	0.24	4.76	ppb
Lead	208-1	0.22	0.23	0.22	0.23	1.03	ppb
Lithium	6-1				88		%
Magnesium	24-2	25.42	25.06	25.88	25.45	1.61	ppb
Manganese	55-2	0.50	0.45	0.51	0.49	6.85	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:06:15	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.22	1.20	1.15	1.19	3.16	ppb
Molybdenum	95-1	1.22	1.21	1.20	1.21	1.20	ppb
Molybdenum	96-1	1.17	1.29	1.25	1.24	4.97	ppb
Molybdenum	97-1	1.25	1.17	1.21	1.21	3.26	ppb
Molybdenum	98-1	1.15	1.24	1.19	1.19	3.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.18	0.22	0.23	22.99	ppb
Phosphorus	31-2	-20.73	-17.73	-11.47	-16.64		ppb
Potassium	39-2	15.93	13.27	13.55	14.25	10.27	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				119		%
Selenium	77-2	1.05	0.00	0.26	0.44	124.90	ppb
Selenium	78-2	0.38	0.75	0.82	0.65	36.24	ppb
Selenium	82-1	0.75	-0.18	-0.08	0.16	311.54	ppb
Silicon	28-1	2.67	3.73	4.25	3.55	22.74	ppb
Silver	109-1	0.36	0.38	0.33	0.36	7.71	ppb
Silver	107-1	0.36	0.36	0.34	0.36	3.46	ppb
Sodium	23-2	37.32	33.76	35.28	35.45	5.04	ppb
Strontium	86-1	0.21	0.26	0.26	0.24	11.76	ppb
Strontium	88-1	0.25	0.24	0.23	0.24	4.48	ppb
Sulfur	34-1	-378.29	-295.96	-317.47	-330.57		ppb
Terbium	159-1				99		%
Terbium	159-2				106		%
Thallium	203-1	0.26	0.26	0.27	0.26	0.64	ppb
Thallium	205-1	0.24	0.26	0.26	0.25	3.77	ppb
Tin	118-1	0.27	0.35	0.30	0.30	13.34	ppb
Titanium	47-1	1.29	1.19	1.46	1.31	10.40	ppb
Uranium	238-1	0.21	0.22	0.23	0.22	3.80	ppb
Vanadium	51-2	0.24	0.27	0.26	0.26	5.95	ppb
Yttrium	89-1				110		%
Yttrium	89-2				113		%
Zinc	66-2	0.52	0.62	0.45	0.53	16.68	ppb
Zirconium	90-1	0.21	0.22	0.23	0.22	3.84	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:06:15	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.20	0.25	0.22	9.76	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:09:49	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.99	5.64	4.86	5.16	8.07	ppb
Antimony	121-1	0.26	0.27	0.29	0.28	5.62	ppb
Arsenic	75-2	0.27	0.24	0.20	0.24	15.14	ppb
Barium	135-1	1.12	1.32	1.23	1.22	8.15	ppb
Barium	137-1	1.31	1.18	1.16	1.21	6.81	ppb
Beryllium	9-1	0.28	0.34	0.25	0.29	15.89	ppb
Bismuth	209-1				87		%
Bismuth	209-2				95		%
Boron	10-1	1.67	0.87	1.00	1.18	36.32	ppb
Boron	11-1	1.27	1.11	1.55	1.31	16.86	ppb
Cadmium	111-1	0.37	0.29	0.30	0.32	13.90	ppb
Cadmium	106-1	1.55	0.88	0.91	1.11	33.84	ppb
Cadmium	108-1	0.25	0.30	0.38	0.31	21.18	ppb
Calcium	43-1	31.26	43.00	44.51	39.59	18.32	ppb
Calcium	44-1	38.52	35.26	38.21	37.33	4.82	ppb
Chromium	52-2	0.24	0.18	0.19	0.20	15.28	ppb
Cobalt	59-2	0.27	0.25	0.27	0.26	4.13	ppb
Copper	63-2	0.47	0.47	0.51	0.48	4.21	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				98		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				110		%
Iron	56-2	12.57	12.40	12.87	12.61	1.87	ppb
Iron	57-2	11.44	12.90	12.88	12.41	6.76	ppb
Lead	206-1	0.25	0.23	0.24	0.24	3.73	ppb
Lead	207-1	0.22	0.22	0.20	0.21	5.36	ppb
Lead	208-1	0.23	0.21	0.22	0.22	3.11	ppb
Lithium	6-1				87		%
Magnesium	24-2	24.57	26.63	24.92	25.38	4.35	ppb
Manganese	55-2	0.50	0.48	0.50	0.49	2.81	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:09:49	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.13	1.21	1.27	1.20	5.52	ppb
Molybdenum	95-1	1.29	1.16	1.09	1.18	8.79	ppb
Molybdenum	96-1	1.19	1.16	1.23	1.20	3.13	ppb
Molybdenum	97-1	1.12	1.25	1.21	1.20	5.41	ppb
Molybdenum	98-1	1.14	1.24	1.26	1.21	5.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.23	0.25	0.25	6.90	ppb
Phosphorus	31-2	-8.42	-16.42	-5.23	-10.02		ppb
Potassium	39-2	13.70	16.34	13.07	14.37	12.09	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				120		%
Selenium	77-2	0.26	0.52	0.26	0.35	42.26	ppb
Selenium	78-2	1.96	0.92	0.55	1.14	63.65	ppb
Selenium	82-1	0.42	-0.48	0.22	0.05	877.50	ppb
Silicon	28-1	2.74	3.75	4.51	3.66	24.29	ppb
Silver	109-1	0.36	0.36	0.36	0.36	0.07	ppb
Silver	107-1	0.34	0.34	0.34	0.34	0.50	ppb
Sodium	23-2	33.74	35.20	35.25	34.73	2.47	ppb
Strontium	86-1	0.32	0.27	0.27	0.28	9.53	ppb
Strontium	88-1	0.26	0.25	0.26	0.25	1.29	ppb
Sulfur	34-1	-273.06	-278.82	-244.18	-265.35		ppb
Terbium	159-1				100		%
Terbium	159-2				106		%
Thallium	203-1	0.23	0.26	0.28	0.25	9.81	ppb
Thallium	205-1	0.24	0.25	0.26	0.25	4.77	ppb
Tin	118-1	0.27	0.32	0.28	0.29	8.86	ppb
Titanium	47-1	1.20	1.30	1.24	1.25	3.86	ppb
Uranium	238-1	0.23	0.24	0.22	0.23	2.88	ppb
Vanadium	51-2	0.26	0.26	0.23	0.25	6.55	ppb
Yttrium	89-1				109		%
Yttrium	89-2				113		%
Zinc	66-2	0.54	0.55	0.62	0.57	8.30	ppb
Zirconium	90-1	0.23	0.23	0.24	0.23	2.17	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:09:49	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.19	0.21	0.20	5.01	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:13:23	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.12	5.13	5.05	4.77	11.81	ppb
Antimony	121-1	0.29	0.26	0.27	0.28	5.87	ppb
Arsenic	75-2	0.23	0.21	0.28	0.24	14.52	ppb
Barium	135-1	1.33	1.20	1.24	1.26	5.41	ppb
Barium	137-1	1.30	1.33	1.27	1.30	2.43	ppb
Beryllium	9-1	0.17	0.33	0.23	0.25	32.73	ppb
Bismuth	209-1				86		%
Bismuth	209-2				91		%
Boron	10-1	0.12	1.03	0.90	0.68	72.41	ppb
Boron	11-1	1.01	0.89	0.81	0.91	10.88	ppb
Cadmium	111-1	0.30	0.37	0.32	0.33	11.11	ppb
Cadmium	106-1	0.61	2.11	0.69	1.14	74.23	ppb
Cadmium	108-1	0.37	0.26	0.16	0.26	40.06	ppb
Calcium	43-1	31.90	42.09	40.89	38.29	14.54	ppb
Calcium	44-1	35.27	34.19	36.87	35.44	3.80	ppb
Chromium	52-2	0.23	0.23	0.23	0.23	1.17	ppb
Cobalt	59-2	0.25	0.26	0.23	0.25	5.24	ppb
Copper	63-2	0.52	0.50	0.51	0.51	2.02	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				96		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	13.02	12.97	12.71	12.90	1.29	ppb
Iron	57-2	13.57	12.48	14.01	13.35	5.87	ppb
Lead	206-1	0.20	0.23	0.22	0.21	6.29	ppb
Lead	207-1	0.22	0.21	0.21	0.21	2.14	ppb
Lead	208-1	0.22	0.21	0.20	0.21	4.17	ppb
Lithium	6-1				85		%
Magnesium	24-2	24.59	24.75	25.75	25.03	2.51	ppb
Manganese	55-2	0.49	0.52	0.47	0.49	5.07	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:13:23	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.15	1.10	1.11	1.12	2.57	ppb
Molybdenum	95-1	1.21	1.24	1.22	1.23	1.14	ppb
Molybdenum	96-1	1.18	1.16	1.18	1.17	0.82	ppb
Molybdenum	97-1	1.27	1.21	1.16	1.21	4.20	ppb
Molybdenum	98-1	1.20	1.29	1.16	1.22	5.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.21	0.24	0.23	6.83	ppb
Phosphorus	31-2	-11.03	-6.75	-15.53	-11.10		ppb
Potassium	39-2	14.54	16.32	17.26	16.04	8.61	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				117		%
Selenium	77-2	0.00	0.00	0.26	0.09	173.21	ppb
Selenium	78-2	0.43	1.48	0.54	0.82	70.69	ppb
Selenium	82-1	0.28	0.21	0.66	0.39	62.00	ppb
Silicon	28-1	3.61	3.58	4.74	3.98	16.54	ppb
Silver	109-1	0.35	0.37	0.32	0.35	6.00	ppb
Silver	107-1	0.37	0.34	0.31	0.34	8.70	ppb
Sodium	23-2	33.95	35.30	35.42	34.89	2.34	ppb
Strontium	86-1	0.29	0.24	0.31	0.28	12.63	ppb
Strontium	88-1	0.25	0.26	0.25	0.25	2.02	ppb
Sulfur	34-1	-300.53	-364.40	-326.73	-330.55		ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	0.24	0.23	0.25	0.24	3.67	ppb
Thallium	205-1	0.24	0.25	0.24	0.24	2.63	ppb
Tin	118-1	0.30	0.25	0.27	0.27	8.20	ppb
Titanium	47-1	1.25	1.11	1.30	1.22	7.83	ppb
Uranium	238-1	0.22	0.21	0.22	0.22	2.18	ppb
Vanadium	51-2	0.26	0.30	0.25	0.27	9.04	ppb
Yttrium	89-1				108		%
Yttrium	89-2				111		%
Zinc	66-2	0.53	0.49	0.49	0.50	4.68	ppb
Zirconium	90-1	0.23	0.22	0.23	0.23	3.37	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:13:23	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.19	0.22	0.22	12.77	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:16:55	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.41	5.85	4.33	4.86	17.65	ppb
Antimony	121-1	0.26	0.29	0.26	0.27	7.39	ppb
Arsenic	75-2	0.24	0.25	0.24	0.25	2.15	ppb
Barium	135-1	1.27	1.43	1.35	1.35	5.76	ppb
Barium	137-1	1.46	1.34	1.27	1.36	7.25	ppb
Beryllium	9-1	0.33	0.26	0.30	0.30	12.62	ppb
Bismuth	209-1				82		%
Bismuth	209-2				89		%
Boron	10-1	0.48	0.82	0.60	0.63	27.40	ppb
Boron	11-1	0.87	0.96	0.95	0.93	4.86	ppb
Cadmium	111-1	0.29	0.30	0.33	0.31	6.79	ppb
Cadmium	106-1	0.32	0.82	1.27	0.80	59.07	ppb
Cadmium	108-1	0.32	0.28	0.19	0.26	25.69	ppb
Calcium	43-1	43.84	36.73	36.61	39.06	10.60	ppb
Calcium	44-1	38.22	36.30	37.35	37.29	2.58	ppb
Chromium	52-2	0.23	0.24	0.23	0.23	1.37	ppb
Cobalt	59-2	0.24	0.24	0.26	0.25	3.86	ppb
Copper	63-2	0.48	0.46	0.48	0.47	1.71	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				93		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	56-2	12.67	12.71	12.64	12.67	0.27	ppb
Iron	57-2	15.45	13.07	13.36	13.96	9.30	ppb
Lead	206-1	0.21	0.23	0.22	0.22	3.32	ppb
Lead	207-1	0.23	0.21	0.23	0.22	5.34	ppb
Lead	208-1	0.22	0.22	0.22	0.22	0.63	ppb
Lithium	6-1				83		%
Magnesium	24-2	26.33	24.34	24.85	25.17	4.12	ppb
Manganese	55-2	0.51	0.50	0.56	0.52	6.18	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:16:55	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.15	1.18	1.29	1.21	5.90	ppb
Molybdenum	95-1	1.18	1.23	1.16	1.19	3.04	ppb
Molybdenum	96-1	1.20	1.09	1.19	1.16	5.12	ppb
Molybdenum	97-1	1.23	1.19	1.11	1.18	5.23	ppb
Molybdenum	98-1	1.18	1.28	1.20	1.22	4.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.22	0.22	0.22	2.81	ppb
Phosphorus	31-2	0.61	-11.34	-13.51	-8.08		ppb
Potassium	39-2	16.04	15.11	12.82	14.65	11.30	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				118		%
Selenium	77-2	0.80	0.00	0.26	0.36	114.82	ppb
Selenium	78-2	1.11	0.86	1.17	1.05	15.85	ppb
Selenium	82-1	0.18	0.42	0.76	0.45	63.51	ppb
Silicon	28-1	4.25	4.20	4.95	4.47	9.36	ppb
Silver	109-1	0.32	0.34	0.36	0.34	5.63	ppb
Silver	107-1	0.32	0.35	0.37	0.35	6.56	ppb
Sodium	23-2	33.51	33.32	34.48	33.77	1.85	ppb
Strontium	86-1	0.31	0.29	0.24	0.28	12.91	ppb
Strontium	88-1	0.26	0.26	0.25	0.25	1.94	ppb
Sulfur	34-1	-297.34	-294.54	-327.22	-306.37		ppb
Terbium	159-1				93		%
Terbium	159-2				102		%
Thallium	203-1	0.25	0.26	0.24	0.25	3.96	ppb
Thallium	205-1	0.24	0.26	0.24	0.25	6.28	ppb
Tin	118-1	0.27	0.31	0.22	0.27	16.06	ppb
Titanium	47-1	1.25	1.26	1.19	1.23	3.07	ppb
Uranium	238-1	0.23	0.21	0.21	0.22	4.88	ppb
Vanadium	51-2	0.26	0.23	0.23	0.24	6.28	ppb
Yttrium	89-1				106		%
Yttrium	89-2				111		%
Zinc	66-2	0.57	0.65	0.57	0.60	8.07	ppb
Zirconium	90-1	0.21	0.22	0.22	0.22	2.51	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:16:55	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.26	0.19	0.23	15.46	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:20:29	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.83	4.85	5.26	5.31	9.27	ppb
Antimony	121-1	0.26	0.27	0.27	0.27	1.87	ppb
Arsenic	75-2	0.24	0.23	0.25	0.24	3.84	ppb
Barium	135-1	1.27	1.37	1.29	1.31	3.85	ppb
Barium	137-1	1.21	1.18	1.18	1.19	1.33	ppb
Beryllium	9-1	0.36	0.33	0.28	0.32	13.39	ppb
Bismuth	209-1				81		%
Bismuth	209-2				89		%
Boron	10-1	0.73	0.13	0.49	0.45	66.82	ppb
Boron	11-1	0.80	0.99	0.70	0.83	18.02	ppb
Cadmium	111-1	0.30	0.27	0.30	0.29	6.15	ppb
Cadmium	106-1	0.99	0.01	0.51	0.50	97.07	ppb
Cadmium	108-1	0.27	0.30	0.25	0.27	10.60	ppb
Calcium	43-1	41.44	34.92	36.31	37.56	9.14	ppb
Calcium	44-1	34.26	35.88	35.45	35.20	2.39	ppb
Chromium	52-2	0.24	0.26	0.23	0.24	5.97	ppb
Cobalt	59-2	0.24	0.24	0.23	0.24	2.26	ppb
Copper	63-2	0.46	0.51	0.48	0.48	5.72	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				101		%
Indium	115-1				101		%
Indium	115-2				107		%
Iron	56-2	12.74	12.81	12.74	12.76	0.33	ppb
Iron	57-2	12.19	13.10	13.06	12.78	4.01	ppb
Lead	206-1	0.20	0.24	0.22	0.22	7.60	ppb
Lead	207-1	0.23	0.22	0.21	0.22	4.00	ppb
Lead	208-1	0.20	0.21	0.21	0.21	2.13	ppb
Lithium	6-1				81		%
Magnesium	24-2	24.24	24.76	26.51	25.17	4.74	ppb
Manganese	55-2	0.48	0.52	0.49	0.50	3.26	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:20:29	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.19	1.18	1.17	1.18	1.06	ppb
Molybdenum	95-1	1.23	1.26	1.26	1.25	1.48	ppb
Molybdenum	96-1	1.23	1.17	1.29	1.23	4.88	ppb
Molybdenum	97-1	1.26	1.21	1.17	1.21	3.55	ppb
Molybdenum	98-1	1.15	1.24	1.21	1.20	3.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.28	0.24	0.23	0.25	11.49	ppb
Phosphorus	31-2	2.44	5.96	-13.26	-1.62		ppb
Potassium	39-2	16.99	17.59	17.43	17.34	1.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				118		%
Selenium	77-2	0.26	0.00	0.27	0.18	86.62	ppb
Selenium	78-2	0.09	1.38	0.74	0.74	87.73	ppb
Selenium	82-1	0.45	0.48	0.70	0.54	24.68	ppb
Silicon	28-1	3.85	5.32	5.14	4.77	16.83	ppb
Silver	109-1	0.36	0.34	0.34	0.35	3.05	ppb
Silver	107-1	0.34	0.36	0.39	0.36	6.95	ppb
Sodium	23-2	34.65	34.50	32.46	33.87	3.62	ppb
Strontium	86-1	0.37	0.22	0.30	0.30	24.29	ppb
Strontium	88-1	0.25	0.25	0.25	0.25	1.55	ppb
Sulfur	34-1	-369.34	-367.24	-318.16	-351.58		ppb
Terbium	159-1				93		%
Terbium	159-2				101		%
Thallium	203-1	0.25	0.25	0.24	0.25	2.49	ppb
Thallium	205-1	0.25	0.26	0.24	0.25	2.37	ppb
Tin	118-1	0.27	0.29	0.32	0.30	8.10	ppb
Titanium	47-1	1.43	1.30	1.13	1.29	11.69	ppb
Uranium	238-1	0.21	0.23	0.21	0.22	6.22	ppb
Vanadium	51-2	0.26	0.24	0.24	0.25	3.86	ppb
Yttrium	89-1				104		%
Yttrium	89-2				111		%
Zinc	66-2	0.53	0.51	0.41	0.48	12.78	ppb
Zirconium	90-1	0.22	0.22	0.22	0.22	1.51	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:20:29	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.25	0.21	0.23	9.07	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:24:01	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.82	5.14	4.93	4.96	3.29	ppb
Antimony	121-1	0.28	0.28	0.31	0.29	5.38	ppb
Arsenic	75-2	0.31	0.24	0.21	0.25	19.94	ppb
Barium	135-1	1.36	1.23	1.29	1.29	5.06	ppb
Barium	137-1	1.31	1.22	1.35	1.29	4.94	ppb
Beryllium	9-1	0.29	0.29	0.23	0.27	14.00	ppb
Bismuth	209-1				81		%
Bismuth	209-2				90		%
Boron	10-1	0.83	0.96	0.85	0.88	7.88	ppb
Boron	11-1	0.48	0.86	0.85	0.73	30.19	ppb
Cadmium	111-1	0.35	0.35	0.39	0.36	6.12	ppb
Cadmium	106-1	0.97	1.27	2.41	1.55	48.96	ppb
Cadmium	108-1	0.27	0.49	0.36	0.37	29.33	ppb
Calcium	43-1	41.38	34.90	36.80	37.70	8.83	ppb
Calcium	44-1	38.84	39.02	36.54	38.13	3.63	ppb
Chromium	52-2	0.26	0.25	0.23	0.25	5.71	ppb
Cobalt	59-2	0.25	0.26	0.22	0.24	8.65	ppb
Copper	63-2	0.50	0.50	0.49	0.50	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				107		%
Iron	56-2	13.33	13.22	13.18	13.24	0.60	ppb
Iron	57-2	13.61	12.90	15.16	13.89	8.31	ppb
Lead	206-1	0.25	0.25	0.21	0.24	8.35	ppb
Lead	207-1	0.21	0.21	0.22	0.21	2.65	ppb
Lead	208-1	0.22	0.22	0.22	0.22	1.13	ppb
Lithium	6-1				82		%
Magnesium	24-2	24.09	25.13	26.05	25.09	3.91	ppb
Manganese	55-2	0.50	0.48	0.50	0.49	2.66	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:24:01	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.07	1.17	1.10	1.11	4.77	ppb
Molybdenum	95-1	1.23	1.20	1.25	1.23	2.37	ppb
Molybdenum	96-1	1.20	1.21	1.07	1.16	6.86	ppb
Molybdenum	97-1	1.23	1.14	1.23	1.20	4.09	ppb
Molybdenum	98-1	1.24	1.22	1.17	1.21	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.26	0.27	0.26	4.66	ppb
Phosphorus	31-2	-11.06	-3.95	-5.18	-6.73		ppb
Potassium	39-2	16.59	16.88	16.66	16.71	0.89	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				118		%
Selenium	77-2	0.00	0.00	1.32	0.44	173.21	ppb
Selenium	78-2	1.30	0.44	0.61	0.79	57.84	ppb
Selenium	82-1	0.21	0.44	1.33	0.66	89.21	ppb
Silicon	28-1	2.96	3.87	4.62	3.82	21.76	ppb
Silver	109-1	0.33	0.36	0.34	0.34	3.77	ppb
Silver	107-1	0.36	0.35	0.39	0.37	6.92	ppb
Sodium	23-2	36.40	36.75	35.33	36.16	2.04	ppb
Strontium	86-1	0.24	0.27	0.26	0.26	5.48	ppb
Strontium	88-1	0.25	0.25	0.26	0.25	1.56	ppb
Sulfur	34-1	-323.53	-373.82	-321.85	-339.73		ppb
Terbium	159-1				94		%
Terbium	159-2				102		%
Thallium	203-1	0.24	0.24	0.25	0.24	0.85	ppb
Thallium	205-1	0.27	0.26	0.24	0.25	6.15	ppb
Tin	118-1	0.28	0.28	0.29	0.28	2.94	ppb
Titanium	47-1	1.37	1.40	1.33	1.37	2.63	ppb
Uranium	238-1	0.20	0.21	0.22	0.21	4.15	ppb
Vanadium	51-2	0.25	0.25	0.24	0.25	1.81	ppb
Yttrium	89-1				107		%
Yttrium	89-2				112		%
Zinc	66-2	0.93	0.86	0.85	0.88	5.26	ppb
Zirconium	90-1	0.22	0.23	0.24	0.23	4.84	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:24:01	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.21	0.19	0.20	5.66	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-1	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:27:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.73	5.22	4.66	5.20	10.25	ppb
Antimony	121-1	0.27	0.27	0.24	0.26	5.52	ppb
Arsenic	75-2	0.29	0.25	0.25	0.26	9.74	ppb
Barium	135-1	1.29	1.36	1.19	1.28	6.64	ppb
Barium	137-1	1.37	1.31	1.18	1.29	7.49	ppb
Beryllium	9-1	0.24	0.28	0.24	0.25	8.32	ppb
Bismuth	209-1				82		%
Bismuth	209-2				90		%
Boron	10-1	0.71	0.72	1.05	0.83	23.16	ppb
Boron	11-1	0.94	0.86	0.91	0.91	4.39	ppb
Cadmium	111-1	0.44	0.25	0.26	0.32	33.34	ppb
Cadmium	106-1	1.69	0.23	0.01	0.64	142.15	ppb
Cadmium	108-1	0.33	0.40	0.39	0.37	10.83	ppb
Calcium	43-1	35.14	29.20	39.10	34.48	14.45	ppb
Calcium	44-1	36.21	34.11	31.20	33.84	7.43	ppb
Chromium	52-2	0.24	0.25	0.21	0.23	7.77	ppb
Cobalt	59-2	0.27	0.24	0.26	0.26	5.70	ppb
Copper	63-2	0.50	0.48	0.51	0.49	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				103		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	56-2	12.58	12.76	12.70	12.68	0.73	ppb
Iron	57-2	12.32	12.37	11.89	12.19	2.16	ppb
Lead	206-1	0.25	0.21	0.20	0.22	11.16	ppb
Lead	207-1	0.24	0.18	0.22	0.21	12.66	ppb
Lead	208-1	0.23	0.21	0.21	0.22	4.56	ppb
Lithium	6-1				83		%
Magnesium	24-2	24.64	24.42	24.08	24.38	1.15	ppb
Manganese	55-2	0.51	0.51	0.54	0.52	3.64	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-1	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:27:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.16	1.23	1.18	1.19	3.31	ppb
Molybdenum	95-1	1.27	1.24	1.21	1.24	2.32	ppb
Molybdenum	96-1	1.20	1.22	1.21	1.21	0.92	ppb
Molybdenum	97-1	1.20	1.36	1.19	1.25	7.38	ppb
Molybdenum	98-1	1.15	1.19	1.20	1.18	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.22	0.23	0.23	2.83	ppb
Phosphorus	31-2	1.58	-3.25	-12.32	-4.66		ppb
Potassium	39-2	19.76	16.51	14.24	16.83	16.48	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				118		%
Selenium	77-2	0.54	0.26	0.79	0.53	49.80	ppb
Selenium	78-2	1.17	1.44	1.05	1.22	16.40	ppb
Selenium	82-1	1.21	1.19	1.48	1.29	12.44	ppb
Silicon	28-1	4.10	5.03	4.20	4.44	11.48	ppb
Silver	109-1	0.34	0.36	0.35	0.35	2.82	ppb
Silver	107-1	0.33	0.33	0.36	0.34	4.53	ppb
Sodium	23-2	33.25	32.74	35.71	33.90	4.69	ppb
Strontium	86-1	0.29	0.35	0.30	0.31	10.02	ppb
Strontium	88-1	0.26	0.25	0.24	0.25	3.61	ppb
Sulfur	34-1	-248.80	-261.31	-316.26	-275.46		ppb
Terbium	159-1				95		%
Terbium	159-2				102		%
Thallium	203-1	0.24	0.26	0.25	0.25	3.68	ppb
Thallium	205-1	0.24	0.25	0.25	0.25	1.93	ppb
Tin	118-1	0.26	0.27	0.26	0.26	3.03	ppb
Titanium	47-1	1.11	1.15	1.16	1.14	2.46	ppb
Uranium	238-1	0.21	0.22	0.22	0.21	2.86	ppb
Vanadium	51-2	0.24	0.25	0.29	0.26	9.27	ppb
Yttrium	89-1				106		%
Yttrium	89-2				112		%
Zinc	66-2	0.63	0.46	0.47	0.52	17.54	ppb
Zirconium	90-1	0.24	0.22	0.22	0.23	6.14	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-1	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:27:34	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.26	0.18	0.23	19.33	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-2	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:31:08	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.93	4.69	4.53	4.72	4.19	ppb
Antimony	121-1	0.26	0.26	0.26	0.26	0.98	ppb
Arsenic	75-2	0.18	0.26	0.24	0.22	18.99	ppb
Barium	135-1	1.30	1.27	1.41	1.33	5.87	ppb
Barium	137-1	1.24	1.17	1.30	1.24	5.08	ppb
Beryllium	9-1	0.18	0.27	0.25	0.23	20.24	ppb
Bismuth	209-1				83		%
Bismuth	209-2				90		%
Boron	10-1	1.17	1.38	0.12	0.89	75.77	ppb
Boron	11-1	0.77	0.78	0.88	0.81	7.70	ppb
Cadmium	111-1	0.29	0.18	0.32	0.27	27.34	ppb
Cadmium	106-1	0.71	-0.77	1.21	0.38	269.24	ppb
Cadmium	108-1	0.21	0.37	0.41	0.33	31.12	ppb
Calcium	43-1	28.54	34.18	32.10	31.61	9.03	ppb
Calcium	44-1	32.04	31.01	33.32	32.12	3.61	ppb
Chromium	52-2	0.25	0.26	0.25	0.25	1.49	ppb
Cobalt	59-2	0.23	0.24	0.23	0.24	1.62	ppb
Copper	63-2	0.53	0.50	0.45	0.49	7.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	56-2	12.66	12.85	12.64	12.72	0.91	ppb
Iron	57-2	11.74	13.36	14.75	13.29	11.36	ppb
Lead	206-1	0.22	0.21	0.20	0.21	4.82	ppb
Lead	207-1	0.19	0.21	0.20	0.20	5.89	ppb
Lead	208-1	0.20	0.21	0.19	0.20	3.02	ppb
Lithium	6-1				84		%
Magnesium	24-2	22.61	24.51	24.78	23.97	4.92	ppb
Manganese	55-2	0.50	0.54	0.51	0.52	3.72	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-2	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:31:08	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.11	1.13	1.19	1.15	3.76	ppb
Molybdenum	95-1	1.15	1.16	1.19	1.17	1.53	ppb
Molybdenum	96-1	1.14	1.17	1.15	1.15	1.03	ppb
Molybdenum	97-1	1.10	1.12	1.06	1.09	2.84	ppb
Molybdenum	98-1	1.15	1.20	1.11	1.15	3.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.21	0.23	0.23	7.97	ppb
Phosphorus	31-2	-8.40	7.83	-13.84	-4.80		ppb
Potassium	39-2	16.18	14.52	14.97	15.22	5.64	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				119		%
Selenium	77-2	0.00	0.26	1.04	0.43	124.99	ppb
Selenium	78-2	0.53	0.57	0.75	0.62	18.79	ppb
Selenium	82-1	0.37	0.38	0.32	0.36	9.07	ppb
Silicon	28-1	3.09	4.24	4.32	3.88	17.65	ppb
Silver	109-1	0.36	0.34	0.33	0.34	3.58	ppb
Silver	107-1	0.35	0.37	0.35	0.36	3.43	ppb
Sodium	23-2	32.24	30.89	33.20	32.11	3.61	ppb
Strontium	86-1	0.28	0.30	0.30	0.29	3.04	ppb
Strontium	88-1	0.24	0.25	0.24	0.24	2.05	ppb
Sulfur	34-1	-313.83	-262.97	-194.71	-257.17		ppb
Terbium	159-1				95		%
Terbium	159-2				103		%
Thallium	203-1	0.22	0.26	0.23	0.24	9.22	ppb
Thallium	205-1	0.24	0.23	0.23	0.23	3.49	ppb
Tin	118-1	0.26	0.28	0.27	0.27	2.03	ppb
Titanium	47-1	1.31	1.11	1.36	1.26	10.65	ppb
Uranium	238-1	0.22	0.22	0.22	0.22	2.27	ppb
Vanadium	51-2	0.25	0.25	0.25	0.25	0.52	ppb
Yttrium	89-1				108		%
Yttrium	89-2				113		%
Zinc	66-2	0.41	0.45	0.45	0.44	5.29	ppb
Zirconium	90-1	0.21	0.21	0.22	0.22	3.88	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-2	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:31:08	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.20	0.22	0.21	4.64	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-3	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:34:41	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.17	5.96	6.02	5.38	19.47	ppb
Antimony	121-1	0.24	0.26	0.27	0.26	6.00	ppb
Arsenic	75-2	0.21	0.23	0.25	0.23	8.71	ppb
Barium	135-1	1.31	1.30	1.19	1.27	5.36	ppb
Barium	137-1	1.20	1.29	1.34	1.28	5.57	ppb
Beryllium	9-1	0.24	0.35	0.40	0.33	25.38	ppb
Bismuth	209-1				84		%
Bismuth	209-2				92		%
Boron	10-1	0.46	0.93	0.46	0.62	43.21	ppb
Boron	11-1	0.67	0.48	0.83	0.66	26.35	ppb
Cadmium	111-1	0.23	0.17	0.30	0.23	29.57	ppb
Cadmium	106-1	0.08	-1.53	0.74	-0.24		ppb
Cadmium	108-1	0.37	0.24	0.27	0.29	23.82	ppb
Calcium	43-1	29.62	22.15	31.11	27.63	17.37	ppb
Calcium	44-1	31.70	31.44	33.58	32.24	3.63	ppb
Chromium	52-2	0.20	0.24	0.24	0.23	10.42	ppb
Cobalt	59-2	0.23	0.26	0.24	0.24	5.51	ppb
Copper	63-2	0.43	0.46	0.48	0.46	4.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				109		%
Iron	56-2	12.32	12.59	12.23	12.38	1.48	ppb
Iron	57-2	9.88	13.89	12.18	11.99	16.79	ppb
Lead	206-1	0.21	0.20	0.21	0.21	2.19	ppb
Lead	207-1	0.21	0.19	0.22	0.20	7.94	ppb
Lead	208-1	0.21	0.20	0.21	0.20	3.71	ppb
Lithium	6-1				84		%
Magnesium	24-2	22.59	26.02	25.96	24.86	7.88	ppb
Manganese	55-2	0.47	0.48	0.50	0.49	3.24	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-3	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:34:41	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.16	1.13	1.19	1.16	2.83	ppb
Molybdenum	95-1	1.18	1.17	1.15	1.17	1.20	ppb
Molybdenum	96-1	1.16	1.11	1.22	1.16	4.64	ppb
Molybdenum	97-1	1.08	1.16	1.12	1.12	3.54	ppb
Molybdenum	98-1	1.24	1.23	1.18	1.22	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.22	0.23	0.22	2.61	ppb
Phosphorus	31-2	-10.46	-15.32	-10.08	-11.95		ppb
Potassium	39-2	15.23	15.94	15.45	15.54	2.34	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				110		%
Scandium	45-2				121		%
Selenium	77-2	0.26	0.52	0.52	0.43	35.17	ppb
Selenium	78-2	0.84	0.83	0.77	0.81	4.91	ppb
Selenium	82-1	0.48	0.37	0.66	0.50	28.60	ppb
Silicon	28-1	3.39	4.38	5.57	4.45	24.56	ppb
Silver	109-1	0.37	0.35	0.37	0.36	2.96	ppb
Silver	107-1	0.36	0.37	0.36	0.36	1.88	ppb
Sodium	23-2	32.03	31.42	30.44	31.30	2.56	ppb
Strontium	86-1	0.30	0.34	0.31	0.32	7.63	ppb
Strontium	88-1	0.23	0.24	0.24	0.24	3.32	ppb
Sulfur	34-1	-252.96	-230.43	-189.67	-224.36		ppb
Terbium	159-1				96		%
Terbium	159-2				105		%
Thallium	203-1	0.23	0.24	0.25	0.24	4.52	ppb
Thallium	205-1	0.25	0.24	0.24	0.25	1.47	ppb
Tin	118-1	0.30	0.24	0.30	0.28	11.58	ppb
Titanium	47-1	1.12	1.18	1.09	1.13	3.98	ppb
Uranium	238-1	0.19	0.21	0.21	0.20	6.10	ppb
Vanadium	51-2	0.25	0.24	0.24	0.24	1.07	ppb
Yttrium	89-1				108		%
Yttrium	89-2				114		%
Zinc	66-2	0.42	0.42	0.48	0.44	7.77	ppb
Zirconium	90-1	0.23	0.20	0.24	0.22	8.94	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-3	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:34:41	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.22	0.23	0.23	3.81	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-4	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:38:14	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.51	5.74	4.92	5.39	7.80	ppb
Antimony	121-1	0.27	0.27	0.26	0.27	1.49	ppb
Arsenic	75-2	0.21	0.21	0.24	0.22	8.47	ppb
Barium	135-1	1.33	1.23	1.32	1.29	4.40	ppb
Barium	137-1	1.36	1.27	1.33	1.32	3.56	ppb
Beryllium	9-1	0.20	0.28	0.33	0.27	22.87	ppb
Bismuth	209-1				82		%
Bismuth	209-2				91		%
Boron	10-1	0.00	0.56	0.23	0.26	106.03	ppb
Boron	11-1	0.82	0.60	0.81	0.74	16.26	ppb
Cadmium	111-1	0.29	0.31	0.26	0.29	7.20	ppb
Cadmium	106-1	0.86	0.63	0.01	0.50	88.45	ppb
Cadmium	108-1	0.40	0.50	0.11	0.33	60.35	ppb
Calcium	43-1	39.40	32.05	33.64	35.03	11.04	ppb
Calcium	44-1	34.26	31.76	31.85	32.62	4.35	ppb
Chromium	52-2	0.24	0.29	0.22	0.25	12.74	ppb
Cobalt	59-2	0.24	0.26	0.25	0.25	2.93	ppb
Copper	63-2	0.44	0.50	0.50	0.48	7.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	56-2	12.69	12.82	12.51	12.67	1.25	ppb
Iron	57-2	13.87	13.46	12.49	13.27	5.35	ppb
Lead	206-1	0.23	0.20	0.23	0.22	8.38	ppb
Lead	207-1	0.20	0.22	0.22	0.21	6.07	ppb
Lead	208-1	0.22	0.21	0.21	0.21	2.59	ppb
Lithium	6-1				85		%
Magnesium	24-2	22.55	25.77	24.15	24.16	6.66	ppb
Manganese	55-2	0.54	0.46	0.45	0.48	10.83	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-4	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:38:14	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.17	1.22	1.11	1.17	4.90	ppb
Molybdenum	95-1	1.26	1.10	1.15	1.17	6.86	ppb
Molybdenum	96-1	1.12	1.16	1.19	1.16	2.85	ppb
Molybdenum	97-1	1.21	1.14	1.16	1.17	2.92	ppb
Molybdenum	98-1	1.16	1.15	1.18	1.16	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.21	0.25	0.22	9.94	ppb
Phosphorus	31-2	-9.37	-2.63	-5.21	-5.74		ppb
Potassium	39-2	16.39	15.85	17.46	16.57	4.97	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				119		%
Selenium	77-2	0.00	0.26	0.79	0.35	114.62	ppb
Selenium	78-2	0.87	0.43	0.73	0.68	33.71	ppb
Selenium	82-1	0.76	-0.15	0.79	0.47	114.91	ppb
Silicon	28-1	3.38	4.71	4.85	4.32	18.85	ppb
Silver	109-1	0.37	0.33	0.36	0.35	5.51	ppb
Silver	107-1	0.36	0.35	0.35	0.35	2.17	ppb
Sodium	23-2	31.06	30.44	32.22	31.24	2.90	ppb
Strontium	86-1	0.29	0.26	0.25	0.27	8.10	ppb
Strontium	88-1	0.25	0.24	0.25	0.25	2.68	ppb
Sulfur	34-1	-185.52	-182.25	-160.63	-176.13		ppb
Terbium	159-1				96		%
Terbium	159-2				104		%
Thallium	203-1	0.26	0.24	0.25	0.25	2.60	ppb
Thallium	205-1	0.26	0.25	0.23	0.25	4.82	ppb
Tin	118-1	0.27	0.26	0.26	0.26	3.06	ppb
Titanium	47-1	1.27	1.20	1.28	1.25	3.28	ppb
Uranium	238-1	0.21	0.21	0.22	0.21	3.98	ppb
Vanadium	51-2	0.24	0.24	0.25	0.24	2.16	ppb
Yttrium	89-1				108		%
Yttrium	89-2				112		%
Zinc	66-2	0.49	0.44	0.52	0.48	8.50	ppb
Zirconium	90-1	0.22	0.22	0.21	0.22	2.51	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-4	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:38:14	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.23	0.20	0.21	7.83	ppb

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : SOIL-MDL-5 Instrumnet Name : P7
 Client Sample ID : SOIL-MDL-5 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 13:41:48 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.48	5.36	4.86	5.23	6.24	ppb
Antimony	121-1	0.26	0.26	0.28	0.27	4.12	ppb
Arsenic	75-2	0.21	0.25	0.20	0.22	13.62	ppb
Barium	135-1	1.42	1.34	1.22	1.33	7.41	ppb
Barium	137-1	1.25	1.24	1.31	1.27	2.99	ppb
Beryllium	9-1	0.29	0.39	0.18	0.29	35.20	ppb
Bismuth	209-1				83		%
Bismuth	209-2				90		%
Boron	10-1	0.00	0.12	0.68	0.27	136.54	ppb
Boron	11-1	0.59	0.60	0.62	0.60	2.10	ppb
Cadmium	111-1	0.22	0.26	0.35	0.28	24.51	ppb
Cadmium	106-1	-0.13	0.06	1.57	0.50	188.01	ppb
Cadmium	108-1	0.37	0.29	0.37	0.34	13.01	ppb
Calcium	43-1	30.21	30.53	35.92	32.22	9.96	ppb
Calcium	44-1	32.30	28.82	30.62	30.58	5.69	ppb
Chromium	52-2	0.24	0.21	0.23	0.23	6.93	ppb
Cobalt	59-2	0.23	0.25	0.24	0.24	3.89	ppb
Copper	63-2	0.49	0.50	0.45	0.48	5.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	56-2	13.06	12.72	12.93	12.90	1.31	ppb
Iron	57-2	13.73	14.51	11.62	13.28	11.26	ppb
Lead	206-1	0.19	0.21	0.21	0.20	6.48	ppb
Lead	207-1	0.20	0.21	0.22	0.21	3.56	ppb
Lead	208-1	0.20	0.21	0.21	0.21	2.21	ppb
Lithium	6-1				85		%
Magnesium	24-2	25.98	25.65	23.44	25.02	5.51	ppb
Manganese	55-2	0.49	0.48	0.54	0.50	6.89	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-5	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:41:48	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.08	1.10	1.04	1.07	2.90	ppb
Molybdenum	95-1	1.23	1.21	1.18	1.21	1.87	ppb
Molybdenum	96-1	1.19	1.19	1.25	1.21	2.73	ppb
Molybdenum	97-1	1.25	1.19	1.11	1.18	5.76	ppb
Molybdenum	98-1	1.21	1.18	1.17	1.19	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.26	0.23	0.23	12.04	ppb
Phosphorus	31-2	-9.85	-11.27	-13.75	-11.62		ppb
Potassium	39-2	16.36	15.25	15.42	15.68	3.82	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				118		%
Selenium	77-2	0.26	0.78	0.26	0.44	69.16	ppb
Selenium	78-2	0.20	1.11	1.04	0.78	64.14	ppb
Selenium	82-1	0.80	0.69	0.45	0.65	27.33	ppb
Silicon	28-1	3.19	4.11	4.20	3.83	14.67	ppb
Silver	109-1	0.32	0.33	0.36	0.34	6.48	ppb
Silver	107-1	0.34	0.35	0.34	0.34	1.52	ppb
Sodium	23-2	32.92	33.36	31.77	32.68	2.51	ppb
Strontium	86-1	0.31	0.25	0.28	0.28	11.15	ppb
Strontium	88-1	0.25	0.23	0.24	0.24	4.67	ppb
Sulfur	34-1	-210.01	-229.65	-156.21	-198.62		ppb
Terbium	159-1				96		%
Terbium	159-2				104		%
Thallium	203-1	0.24	0.25	0.26	0.25	4.09	ppb
Thallium	205-1	0.25	0.25	0.24	0.24	1.62	ppb
Tin	118-1	0.27	0.31	0.29	0.29	7.59	ppb
Titanium	47-1	1.13	1.28	1.29	1.23	7.05	ppb
Uranium	238-1	0.21	0.22	0.21	0.21	2.13	ppb
Vanadium	51-2	0.23	0.23	0.27	0.24	10.33	ppb
Yttrium	89-1				107		%
Yttrium	89-2				113		%
Zinc	66-2	0.50	0.56	0.39	0.48	18.30	ppb
Zirconium	90-1	0.20	0.21	0.22	0.21	3.78	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-5	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:41:48	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.19	0.21	0.20	6.35	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-6	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:45:22	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.32	11.06	10.25	10.88	5.18	ppb
Antimony	121-1	0.26	0.25	0.24	0.25	5.40	ppb
Arsenic	75-2	0.24	0.20	0.22	0.22	9.71	ppb
Barium	135-1	1.43	1.23	1.28	1.31	8.28	ppb
Barium	137-1	1.34	1.18	1.27	1.26	6.35	ppb
Beryllium	9-1	0.12	0.18	0.19	0.17	22.40	ppb
Bismuth	209-1				85		%
Bismuth	209-2				90		%
Boron	10-1	0.91	0.44	0.23	0.53	65.99	ppb
Boron	11-1	0.52	0.62	0.59	0.58	9.00	ppb
Cadmium	111-1	0.27	0.18	0.32	0.26	27.54	ppb
Cadmium	106-1	0.71	-0.39	1.12	0.48	162.44	ppb
Cadmium	108-1	0.42	0.43	0.55	0.46	15.42	ppb
Calcium	43-1	28.30	34.30	27.40	30.00	12.51	ppb
Calcium	44-1	39.03	32.93	36.70	36.22	8.50	ppb
Chromium	52-2	0.25	0.24	0.23	0.24	3.62	ppb
Cobalt	59-2	0.27	0.25	0.23	0.25	7.49	ppb
Copper	63-2	0.51	0.51	0.49	0.50	2.04	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				97		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	56-2	13.06	12.82	12.59	12.82	1.84	ppb
Iron	57-2	13.56	13.89	11.89	13.12	8.17	ppb
Lead	206-1	0.22	0.19	0.21	0.21	8.17	ppb
Lead	207-1	0.22	0.19	0.20	0.20	6.41	ppb
Lead	208-1	0.20	0.18	0.21	0.20	5.66	ppb
Lithium	6-1				86		%
Magnesium	24-2	24.55	24.23	24.86	24.55	1.28	ppb
Manganese	55-2	0.50	0.51	0.49	0.50	2.33	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-6	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:45:22	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.13	1.03	1.14	1.10	5.78	ppb
Molybdenum	95-1	1.16	1.13	1.21	1.17	3.78	ppb
Molybdenum	96-1	1.13	1.14	1.19	1.16	2.65	ppb
Molybdenum	97-1	1.16	1.13	1.13	1.14	1.48	ppb
Molybdenum	98-1	1.21	1.09	1.16	1.15	5.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.24	0.23	0.24	2.84	ppb
Phosphorus	31-2	6.52	-9.57	-4.51	-2.52		ppb
Potassium	39-2	17.66	16.49	17.58	17.24	3.79	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				119		%
Selenium	77-2	0.27	0.78	0.26	0.44	68.91	ppb
Selenium	78-2	1.41	1.11	0.91	1.14	22.21	ppb
Selenium	82-1	0.48	0.40	0.71	0.53	30.02	ppb
Silicon	28-1	4.00	1.79	4.12	3.30	39.77	ppb
Silver	109-1	0.36	0.31	0.36	0.34	8.59	ppb
Silver	107-1	0.34	0.34	0.35	0.35	1.96	ppb
Sodium	23-2	34.95	34.35	32.45	33.91	3.86	ppb
Strontium	86-1	0.22	0.22	0.24	0.23	3.89	ppb
Strontium	88-1	0.25	0.22	0.26	0.24	8.25	ppb
Sulfur	34-1	-208.30	-296.20	-212.38	-238.96		ppb
Terbium	159-1				98		%
Terbium	159-2				104		%
Thallium	203-1	0.23	0.23	0.24	0.23	4.34	ppb
Thallium	205-1	0.24	0.24	0.24	0.24	0.72	ppb
Tin	118-1	0.30	0.25	0.29	0.28	9.62	ppb
Titanium	47-1	1.33	1.15	1.01	1.16	13.69	ppb
Uranium	238-1	0.21	0.20	0.21	0.21	0.53	ppb
Vanadium	51-2	0.22	0.25	0.23	0.24	6.19	ppb
Yttrium	89-1				109		%
Yttrium	89-2				113		%
Zinc	66-2	0.62	0.64	0.51	0.59	12.36	ppb
Zirconium	90-1	0.22	0.22	0.22	0.22	0.36	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-6	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:45:22	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.19	0.16	0.20	19.55	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-7	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:48:55	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.66	12.89	12.30	12.29	5.02	ppb
Antimony	121-1	0.26	0.22	0.25	0.24	10.41	ppb
Arsenic	75-2	0.27	0.27	0.25	0.27	5.13	ppb
Barium	135-1	1.22	1.31	1.39	1.31	6.48	ppb
Barium	137-1	1.23	1.29	1.17	1.23	5.02	ppb
Beryllium	9-1	0.27	0.38	0.23	0.29	26.97	ppb
Bismuth	209-1				83		%
Bismuth	209-2				89		%
Boron	10-1	0.45	0.22	0.45	0.37	35.81	ppb
Boron	11-1	0.58	0.51	0.63	0.57	10.62	ppb
Cadmium	111-1	0.35	0.30	0.30	0.32	9.43	ppb
Cadmium	106-1	1.01	1.34	1.13	1.16	14.40	ppb
Cadmium	108-1	0.29	0.31	0.26	0.29	9.30	ppb
Calcium	43-1	37.59	36.28	30.12	34.66	11.52	ppb
Calcium	44-1	37.71	35.52	37.70	36.98	3.41	ppb
Chromium	52-2	0.23	0.27	0.20	0.23	14.95	ppb
Cobalt	59-2	0.25	0.24	0.23	0.24	4.76	ppb
Copper	63-2	0.49	0.55	0.46	0.50	9.03	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				97		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	56-2	12.92	13.26	12.43	12.87	3.25	ppb
Iron	57-2	13.91	13.42	11.18	12.84	11.32	ppb
Lead	206-1	0.25	0.20	0.22	0.22	10.22	ppb
Lead	207-1	0.20	0.21	0.19	0.20	6.32	ppb
Lead	208-1	0.21	0.20	0.22	0.21	3.60	ppb
Lithium	6-1				87		%
Magnesium	24-2	24.86	25.54	23.04	24.48	5.28	ppb
Manganese	55-2	0.50	0.56	0.52	0.53	6.01	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-7	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:48:55	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.09	1.16	1.06	1.11	4.62	ppb
Molybdenum	95-1	1.18	1.14	1.17	1.16	2.13	ppb
Molybdenum	96-1	1.11	1.20	1.10	1.14	4.89	ppb
Molybdenum	97-1	1.26	1.15	1.15	1.19	5.10	ppb
Molybdenum	98-1	1.10	1.14	1.13	1.12	1.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.25	0.27	0.27	8.60	ppb
Phosphorus	31-2	-4.98	-20.27	-11.20	-12.15		ppb
Potassium	39-2	18.63	23.76	13.06	18.48	28.96	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				118		%
Selenium	77-2	1.33	0.53	0.26	0.71	78.65	ppb
Selenium	78-2	0.96	0.61	0.22	0.60	62.12	ppb
Selenium	82-1	0.06	0.41	0.68	0.38	81.61	ppb
Silicon	28-1	3.17	3.34	4.56	3.69	20.67	ppb
Silver	109-1	0.35	0.34	0.35	0.34	1.63	ppb
Silver	107-1	0.35	0.34	0.37	0.36	3.61	ppb
Sodium	23-2	33.07	33.90	32.55	33.17	2.06	ppb
Strontium	86-1	0.24	0.23	0.27	0.25	9.26	ppb
Strontium	88-1	0.24	0.24	0.25	0.24	4.06	ppb
Sulfur	34-1	-129.64	-145.19	-146.64	-140.49		ppb
Terbium	159-1				97		%
Terbium	159-2				104		%
Thallium	203-1	0.25	0.24	0.25	0.25	2.90	ppb
Thallium	205-1	0.26	0.24	0.23	0.24	4.68	ppb
Tin	118-1	0.29	0.24	0.27	0.27	7.82	ppb
Titanium	47-1	1.20	1.11	1.24	1.18	5.84	ppb
Uranium	238-1	0.21	0.22	0.21	0.21	2.70	ppb
Vanadium	51-2	0.27	0.25	0.25	0.26	4.02	ppb
Yttrium	89-1				109		%
Yttrium	89-2				112		%
Zinc	66-2	0.43	0.59	0.49	0.50	15.71	ppb
Zirconium	90-1	0.21	0.19	0.21	0.21	6.25	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-7	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:48:55	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.24	0.18	0.21	12.84	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P7
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:52:42	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48903.45	48971.16	48641.95	48838.85	0.36	ppb
Antimony	121-1	502.60	507.65	510.51	506.92	0.79	ppb
Arsenic	75-2	490.92	492.29	491.74	491.65	0.14	ppb
Barium	135-1	2559.25	2544.19	2545.20	2549.55	0.33	ppb
Barium	137-1	2558.75	2542.94	2541.25	2547.65	0.38	ppb
Beryllium	9-1	523.85	521.41	527.12	524.12	0.55	ppb
Bismuth	209-1				84		%
Bismuth	209-2				86		%
Boron	10-1	516.31	526.80	543.31	528.80	2.57	ppb
Boron	11-1	527.78	533.46	554.66	538.63	2.63	ppb
Cadmium	111-1	501.76	501.40	502.23	501.79	0.08	ppb
Cadmium	106-1	506.60	501.33	511.75	506.56	1.03	ppb
Cadmium	108-1	500.88	499.91	503.77	501.52	0.40	ppb
Calcium	43-1	244963.59	243666.06	243095.54	243908.40	0.39	ppb
Calcium	44-1	244023.83	241357.29	241075.45	242152.19	0.67	ppb
Chromium	52-2	483.34	484.11	481.29	482.91	0.30	ppb
Cobalt	59-2	466.13	464.74	464.19	465.02	0.22	ppb
Copper	63-2	900.76	897.92	897.45	898.71	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	121285.99	121392.56	120840.15	121172.90	0.24	ppb
Iron	57-2	122081.30	120915.11	120990.81	121329.07	0.54	ppb
Lead	206-1	512.31	512.84	507.89	511.01	0.53	ppb
Lead	207-1	503.05	507.20	498.66	502.97	0.85	ppb
Lead	208-1	512.14	511.67	502.30	508.70	1.09	ppb
Lithium	6-1				88		%
Magnesium	24-2	246252.64	246426.89	246369.54	246349.69	0.04	ppb
Manganese	55-2	969.67	969.35	969.06	969.36	0.03	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P7
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:52:42	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2473.75	2470.86	2470.12	2471.58	0.08	ppb
Molybdenum	95-1	2450.75	2460.03	2463.58	2458.12	0.27	ppb
Molybdenum	96-1	2452.33	2456.14	2449.89	2452.79	0.13	ppb
Molybdenum	97-1	2419.10	2453.57	2440.50	2437.72	0.71	ppb
Molybdenum	98-1	2414.42	2455.71	2452.37	2440.83	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	460.96	460.61	463.37	461.64	0.33	ppb
Phosphorus	31-2	9945.64	9867.14	9886.07	9899.62	0.41	ppb
Potassium	39-2	123000.57	122941.43	123034.04	122992.01	0.04	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				108		%
Scandium	45-2				115		%
Selenium	77-2	510.33	503.89	483.54	499.25	2.80	ppb
Selenium	78-2	487.67	493.21	496.96	492.61	0.95	ppb
Selenium	82-1	469.39	485.89	481.50	478.92	1.78	ppb
Silicon	28-1	500.15	502.08	498.53	500.25	0.36	ppb
Silver	109-1	502.21	507.20	507.58	505.67	0.59	ppb
Silver	107-1	498.01	500.41	504.13	500.85	0.62	ppb
Sodium	23-2	246201.84	244434.67	245338.09	245324.87	0.36	ppb
Strontium	86-1	506.21	509.62	504.03	506.62	0.56	ppb
Strontium	88-1	509.43	510.21	508.21	509.28	0.20	ppb
Sulfur	34-1	9712.05	9539.70	9423.35	9558.36	1.52	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	520.93	521.54	524.27	522.25	0.34	ppb
Thallium	205-1	518.13	523.43	518.10	519.89	0.59	ppb
Tin	118-1	501.70	509.92	511.73	507.79	1.05	ppb
Titanium	47-1	2461.98	2463.07	2459.66	2461.57	0.07	ppb
Uranium	238-1	503.13	504.62	494.80	500.85	1.06	ppb
Vanadium	51-2	483.66	485.16	483.36	484.06	0.20	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	908.78	907.95	911.26	909.33	0.19	ppb
Zirconium	90-1	498.60	498.22	494.90	497.24	0.41	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P7
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:52:42	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.18	491.17	487.20	489.85	0.47	ppb

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : CCB048 Instrumnet Name : P7
 Client Sample ID : CCB048 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 13:56:20 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.47	2.02	3.17	2.55	22.68	ppb
Antimony	121-1	1.25	1.22	1.14	1.20	4.89	ppb
Arsenic	75-2	0.07	0.03	0.08	0.06	41.82	ppb
Barium	135-1	0.05	0.03	0.06	0.05	26.39	ppb
Barium	137-1	0.03	0.03	0.02	0.02	28.40	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	19.27	ppb
Bismuth	209-1				88		%
Bismuth	209-2				92		%
Boron	10-1	5.86	5.99	4.71	5.52	12.71	ppb
Boron	11-1	5.91	6.00	4.96	5.62	10.27	ppb
Cadmium	111-1	0.00	0.01	-0.04	-0.01		ppb
Cadmium	106-1	-0.02	0.03	-0.46	-0.15		ppb
Cadmium	108-1	0.00	0.02	-0.02	0.00		ppb
Calcium	43-1	2.49	4.53	3.08	3.37	31.19	ppb
Calcium	44-1	13.31	13.52	13.66	13.50	1.33	ppb
Chromium	52-2	0.02	0.03	0.00	0.01	117.00	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.05	0.06	0.04	0.05	26.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	56-2	7.33	6.79	6.21	6.78	8.29	ppb
Iron	57-2	7.56	6.43	5.76	6.58	13.85	ppb
Lead	206-1	0.09	0.10	0.09	0.09	7.48	ppb
Lead	207-1	0.08	0.10	0.08	0.09	12.63	ppb
Lead	208-1	0.10	0.10	0.09	0.09	7.22	ppb
Lithium	6-1				87		%
Magnesium	24-2	1.48	1.51	1.65	1.55	5.95	ppb
Manganese	55-2	0.00	0.00	0.01	0.00	180.73	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB048	Instrumnet Name :	P7
Client Sample ID :	CCB048	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:56:20	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.77	0.71	0.72	0.74	4.73	ppb
Molybdenum	95-1	0.98	0.87	0.84	0.90	8.57	ppb
Molybdenum	96-1	0.92	0.93	0.77	0.87	9.75	ppb
Molybdenum	97-1	1.01	0.85	0.81	0.89	11.77	ppb
Molybdenum	98-1	1.00	0.88	0.80	0.89	11.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	-11.92	-15.23	-20.74	-15.96		ppb
Potassium	39-2	15.33	16.42	11.66	14.47	17.22	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				117		%
Selenium	77-2	0.00	0.26	0.00	0.09	173.21	ppb
Selenium	78-2	0.15	1.23	-0.21	0.39	193.36	ppb
Selenium	82-1	0.25	-0.04	0.42	0.21	112.05	ppb
Silicon	28-1	-4.51	-4.44	-4.94	-4.63		ppb
Silver	109-1	0.03	0.02	0.03	0.02	17.27	ppb
Silver	107-1	0.02	0.02	0.03	0.02	14.64	ppb
Sodium	23-2	37.64	35.23	36.93	36.60	3.39	ppb
Strontium	86-1	0.03	0.01	0.04	0.03	62.98	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	28.26	ppb
Sulfur	34-1	-780.12	-755.03	-748.21	-761.12		ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.02	0.02	0.02	42.49	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	19.35	ppb
Tin	118-1	0.26	0.25	0.28	0.26	4.84	ppb
Titanium	47-1	0.11	0.14	0.11	0.12	15.63	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	21.76	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				112		%
Zinc	66-2	0.11	0.04	0.13	0.09	52.17	ppb
Zirconium	90-1	0.09	0.09	0.06	0.08	18.14	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB048	Instrumnet Name :	P7
Client Sample ID :	CCB048	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:56:20	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.09	0.09	0.09	4.44	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-8	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:04:30	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.68	13.26	10.39	11.11	17.10	ppb
Antimony	121-1	0.39	0.41	0.38	0.39	3.06	ppb
Arsenic	75-2	0.25	0.30	0.30	0.28	10.97	ppb
Barium	135-1	1.41	1.19	1.36	1.32	8.82	ppb
Barium	137-1	1.26	1.19	1.20	1.22	3.08	ppb
Beryllium	9-1	0.28	0.31	0.39	0.33	16.42	ppb
Bismuth	209-1				84		%
Bismuth	209-2				89		%
Boron	10-1	1.53	2.73	2.86	2.37	31.08	ppb
Boron	11-1	2.14	1.81	2.17	2.04	9.84	ppb
Cadmium	111-1	0.25	0.23	0.22	0.23	7.87	ppb
Cadmium	106-1	0.32	-0.61	-0.69	-0.33		ppb
Cadmium	108-1	0.24	0.25	0.18	0.22	16.91	ppb
Calcium	43-1	44.05	37.24	43.45	41.58	9.07	ppb
Calcium	44-1	45.22	46.29	46.14	45.88	1.27	ppb
Chromium	52-2	0.25	0.28	0.23	0.25	9.83	ppb
Cobalt	59-2	0.23	0.24	0.23	0.23	3.06	ppb
Copper	63-2	0.49	0.50	0.50	0.50	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				104		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	12.99	13.07	12.97	13.01	0.42	ppb
Iron	57-2	13.74	12.55	14.95	13.75	8.74	ppb
Lead	206-1	0.24	0.23	0.24	0.24	1.76	ppb
Lead	207-1	0.24	0.24	0.23	0.24	1.52	ppb
Lead	208-1	0.23	0.24	0.24	0.24	2.56	ppb
Lithium	6-1				84		%
Magnesium	24-2	25.67	25.73	26.44	25.94	1.65	ppb
Manganese	55-2	0.52	0.49	0.49	0.50	3.14	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-8	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:04:30	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.21	1.36	1.22	1.26	6.76	ppb
Molybdenum	95-1	1.27	1.21	1.30	1.26	3.58	ppb
Molybdenum	96-1	1.26	1.17	1.26	1.23	4.33	ppb
Molybdenum	97-1	1.25	1.22	1.24	1.24	1.36	ppb
Molybdenum	98-1	1.29	1.22	1.24	1.25	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.25	0.22	0.23	6.74	ppb
Phosphorus	31-2	3.80	3.92	-1.00	2.24	125.32	ppb
Potassium	39-2	17.39	19.27	19.62	18.76	6.40	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				118		%
Selenium	77-2	0.53	0.26	0.53	0.44	34.79	ppb
Selenium	78-2	0.31	0.73	0.30	0.45	55.62	ppb
Selenium	82-1	-0.06	1.08	0.60	0.54	106.28	ppb
Silicon	28-1	0.77	1.48	1.87	1.38	40.63	ppb
Silver	109-1	0.34	0.36	0.35	0.35	3.30	ppb
Silver	107-1	0.37	0.33	0.35	0.35	4.66	ppb
Sodium	23-2	45.60	46.18	45.25	45.68	1.03	ppb
Strontium	86-1	0.25	0.30	0.24	0.26	12.53	ppb
Strontium	88-1	0.27	0.26	0.25	0.26	2.95	ppb
Sulfur	34-1	-635.27	-645.14	-618.03	-632.81		ppb
Terbium	159-1				98		%
Terbium	159-2				105		%
Thallium	203-1	0.27	0.25	0.26	0.26	3.99	ppb
Thallium	205-1	0.24	0.25	0.23	0.24	3.79	ppb
Tin	118-1	0.33	0.32	0.34	0.33	1.92	ppb
Titanium	47-1	1.22	1.36	1.41	1.33	7.15	ppb
Uranium	238-1	0.21	0.20	0.20	0.20	1.19	ppb
Vanadium	51-2	0.24	0.25	0.23	0.24	4.31	ppb
Yttrium	89-1				108		%
Yttrium	89-2				112		%
Zinc	66-2	0.61	0.64	0.56	0.60	7.12	ppb
Zirconium	90-1	0.25	0.27	0.25	0.26	6.03	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-8	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:04:30	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.24	0.23	0.23	5.29	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-9	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:08:03	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.23	5.54	5.34	5.37	2.87	ppb
Antimony	121-1	0.33	0.37	0.33	0.34	6.77	ppb
Arsenic	75-2	0.31	0.26	0.28	0.28	9.00	ppb
Barium	135-1	1.24	1.29	1.37	1.30	5.09	ppb
Barium	137-1	1.24	1.25	1.19	1.23	2.56	ppb
Beryllium	9-1	0.32	0.38	0.25	0.32	19.21	ppb
Bismuth	209-1				84		%
Bismuth	209-2				90		%
Boron	10-1	2.40	2.29	1.94	2.21	10.98	ppb
Boron	11-1	2.14	1.87	2.25	2.09	9.42	ppb
Cadmium	111-1	0.26	0.31	0.23	0.27	15.32	ppb
Cadmium	106-1	0.08	0.72	-0.24	0.19	261.51	ppb
Cadmium	108-1	0.31	0.29	0.29	0.29	4.79	ppb
Calcium	43-1	43.97	45.71	40.63	43.43	5.95	ppb
Calcium	44-1	48.12	47.42	48.50	48.01	1.14	ppb
Chromium	52-2	0.19	0.28	0.30	0.26	21.71	ppb
Cobalt	59-2	0.24	0.23	0.25	0.24	4.50	ppb
Copper	63-2	0.48	0.50	0.49	0.49	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				96		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	56-2	13.32	13.54	13.38	13.41	0.85	ppb
Iron	57-2	13.39	14.35	14.32	14.02	3.92	ppb
Lead	206-1	0.22	0.25	0.25	0.24	8.99	ppb
Lead	207-1	0.23	0.23	0.21	0.23	4.74	ppb
Lead	208-1	0.22	0.23	0.22	0.22	2.33	ppb
Lithium	6-1				85		%
Magnesium	24-2	26.54	27.52	28.07	27.38	2.82	ppb
Manganese	55-2	0.48	0.54	0.54	0.52	7.21	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-9	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:08:03	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.25	1.20	1.23	1.23	2.17	ppb
Molybdenum	95-1	1.20	1.18	1.21	1.20	1.29	ppb
Molybdenum	96-1	1.18	1.19	1.21	1.19	1.15	ppb
Molybdenum	97-1	1.11	1.27	1.33	1.23	9.19	ppb
Molybdenum	98-1	1.22	1.27	1.28	1.25	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.21	0.22	0.22	1.36	ppb
Phosphorus	31-2	-8.47	-17.80	2.06	-8.07		ppb
Potassium	39-2	18.94	20.63	19.57	19.71	4.35	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				119		%
Selenium	77-2	0.26	0.79	0.26	0.44	69.73	ppb
Selenium	78-2	0.26	0.78	0.35	0.46	60.63	ppb
Selenium	82-1	0.86	0.32	0.79	0.66	44.56	ppb
Silicon	28-1	1.10	1.95	2.85	1.97	44.43	ppb
Silver	109-1	0.36	0.34	0.37	0.35	3.62	ppb
Silver	107-1	0.35	0.33	0.33	0.33	2.80	ppb
Sodium	23-2	43.91	43.08	43.63	43.54	0.97	ppb
Strontium	86-1	0.25	0.27	0.27	0.27	3.88	ppb
Strontium	88-1	0.27	0.24	0.26	0.26	4.33	ppb
Sulfur	34-1	-542.36	-524.16	-518.65	-528.39		ppb
Terbium	159-1				97		%
Terbium	159-2				104		%
Thallium	203-1	0.21	0.25	0.24	0.23	7.98	ppb
Thallium	205-1	0.24	0.27	0.27	0.26	5.73	ppb
Tin	118-1	0.31	0.27	0.27	0.28	8.76	ppb
Titanium	47-1	1.35	1.18	1.24	1.25	6.88	ppb
Uranium	238-1	0.21	0.21	0.21	0.21	1.48	ppb
Vanadium	51-2	0.24	0.22	0.25	0.24	5.03	ppb
Yttrium	89-1				109		%
Yttrium	89-2				113		%
Zinc	66-2	1.72	1.46	1.73	1.64	9.44	ppb
Zirconium	90-1	0.22	0.24	0.22	0.23	5.77	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-9	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:08:03	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.24	0.20	0.22	9.28	ppb

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : SOIL MDL-10 Instrumnet Name : P7
 Client Sample ID : SOIL MDL-10 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 14:11:35 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.26	4.54	4.44	5.42	29.55	ppb
Antimony	121-1	0.33	0.30	0.33	0.32	6.29	ppb
Arsenic	75-2	0.33	0.22	0.23	0.26	23.46	ppb
Barium	135-1	1.28	1.19	1.32	1.27	5.23	ppb
Barium	137-1	1.29	1.30	1.24	1.28	2.43	ppb
Beryllium	9-1	0.28	0.27	0.16	0.24	26.81	ppb
Bismuth	209-1				83		%
Bismuth	209-2				90		%
Boron	10-1	1.52	1.04	0.80	1.12	32.76	ppb
Boron	11-1	1.57	1.04	1.53	1.38	21.33	ppb
Cadmium	111-1	0.39	0.26	0.24	0.30	27.62	ppb
Cadmium	106-1	1.77	-0.21	-0.49	0.36	345.26	ppb
Cadmium	108-1	0.34	0.31	0.26	0.30	13.26	ppb
Calcium	43-1	38.77	52.55	40.65	43.99	16.98	ppb
Calcium	44-1	49.47	50.01	47.56	49.01	2.62	ppb
Chromium	52-2	0.26	0.22	0.29	0.25	13.85	ppb
Cobalt	59-2	0.25	0.23	0.25	0.24	4.87	ppb
Copper	63-2	0.52	0.51	0.52	0.52	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				109		%
Iron	56-2	13.46	13.31	13.22	13.33	0.93	ppb
Iron	57-2	14.77	13.43	15.10	14.43	6.14	ppb
Lead	206-1	0.22	0.24	0.21	0.22	7.82	ppb
Lead	207-1	0.24	0.20	0.18	0.21	15.94	ppb
Lead	208-1	0.22	0.23	0.20	0.22	7.41	ppb
Lithium	6-1				84		%
Magnesium	24-2	26.16	25.06	25.70	25.64	2.15	ppb
Manganese	55-2	0.52	0.53	0.51	0.52	1.45	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-10	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:11:35	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.17	1.14	1.18	1.16	1.77	ppb
Molybdenum	95-1	1.22	1.14	1.22	1.19	4.00	ppb
Molybdenum	96-1	1.27	1.19	1.25	1.24	3.32	ppb
Molybdenum	97-1	1.19	1.15	1.33	1.22	7.85	ppb
Molybdenum	98-1	1.18	1.21	1.22	1.21	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.22	0.21	0.23	7.67	ppb
Phosphorus	31-2	-13.70	-6.80	3.31	-5.73		ppb
Potassium	39-2	17.65	18.72	17.07	17.81	4.71	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				120		%
Selenium	77-2	0.00	0.77	0.77	0.51	86.60	ppb
Selenium	78-2	1.40	0.36	0.90	0.89	58.57	ppb
Selenium	82-1	0.71	0.56	0.37	0.55	30.81	ppb
Silicon	28-1	1.87	3.43	3.11	2.80	29.50	ppb
Silver	109-1	0.32	0.37	0.37	0.35	8.42	ppb
Silver	107-1	0.36	0.35	0.32	0.34	6.33	ppb
Sodium	23-2	43.27	43.04	41.98	42.76	1.61	ppb
Strontium	86-1	0.39	0.49	0.58	0.48	19.52	ppb
Strontium	88-1	0.40	0.46	0.48	0.45	9.12	ppb
Sulfur	34-1	-503.67	-484.02	-514.34	-500.68		ppb
Terbium	159-1				97		%
Terbium	159-2				105		%
Thallium	203-1	0.23	0.22	0.26	0.23	9.77	ppb
Thallium	205-1	0.24	0.23	0.24	0.24	2.02	ppb
Tin	118-1	0.29	0.29	0.33	0.31	7.82	ppb
Titanium	47-1	1.18	1.25	1.47	1.30	11.55	ppb
Uranium	238-1	0.22	0.21	0.22	0.22	3.28	ppb
Vanadium	51-2	0.25	0.27	0.25	0.25	4.46	ppb
Yttrium	89-1				108		%
Yttrium	89-2				114		%
Zinc	66-2	0.86	0.87	0.81	0.85	3.73	ppb
Zirconium	90-1	0.23	0.23	0.21	0.23	4.98	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-10	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:11:35	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.25	0.20	0.21	17.37	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-11	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:15:08	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.27	5.05	7.48	5.60	29.88	ppb
Antimony	121-1	0.30	0.31	0.33	0.31	4.28	ppb
Arsenic	75-2	0.20	0.27	0.23	0.23	15.10	ppb
Barium	135-1	1.29	1.34	1.32	1.32	1.83	ppb
Barium	137-1	1.22	1.19	1.29	1.23	3.95	ppb
Beryllium	9-1	0.29	0.32	0.22	0.28	19.10	ppb
Bismuth	209-1				83		%
Bismuth	209-2				89		%
Boron	10-1	1.51	1.17	1.62	1.43	16.66	ppb
Boron	11-1	1.19	1.19	1.44	1.28	11.42	ppb
Cadmium	111-1	0.36	0.14	0.39	0.30	45.90	ppb
Cadmium	106-1	1.67	-0.91	1.56	0.78	188.06	ppb
Cadmium	108-1	0.32	0.56	0.40	0.42	28.54	ppb
Calcium	43-1	41.66	35.36	38.37	38.47	8.19	ppb
Calcium	44-1	45.81	45.76	45.58	45.72	0.26	ppb
Chromium	52-2	0.56	0.62	0.60	0.59	5.00	ppb
Cobalt	59-2	0.25	0.26	0.24	0.25	4.59	ppb
Copper	63-2	0.53	0.45	0.49	0.49	7.88	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				95		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	56-2	16.60	16.48	16.93	16.67	1.39	ppb
Iron	57-2	19.18	17.48	15.72	17.46	9.92	ppb
Lead	206-1	0.23	0.19	0.22	0.22	9.17	ppb
Lead	207-1	0.23	0.22	0.23	0.23	2.50	ppb
Lead	208-1	0.22	0.21	0.22	0.22	2.78	ppb
Lithium	6-1				84		%
Magnesium	24-2	25.35	25.03	24.55	24.98	1.62	ppb
Manganese	55-2	0.52	0.54	0.51	0.52	2.95	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-11	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:15:08	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.24	1.21	1.24	1.23	1.31	ppb
Molybdenum	95-1	1.19	1.22	1.28	1.23	3.86	ppb
Molybdenum	96-1	1.19	1.17	1.13	1.17	2.98	ppb
Molybdenum	97-1	1.19	1.16	1.24	1.19	3.17	ppb
Molybdenum	98-1	1.14	1.18	1.16	1.16	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.24	0.23	0.23	3.38	ppb
Phosphorus	31-2	-9.70	-0.91	-14.93	-8.51		ppb
Potassium	39-2	19.18	16.73	16.96	17.62	7.66	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				119		%
Selenium	77-2	0.00	0.26	1.04	0.43	124.79	ppb
Selenium	78-2	0.99	0.64	0.49	0.71	36.43	ppb
Selenium	82-1	0.38	0.36	0.09	0.28	57.71	ppb
Silicon	28-1	2.51	2.86	3.17	2.85	11.54	ppb
Silver	109-1	0.36	0.32	0.35	0.34	5.00	ppb
Silver	107-1	0.34	0.34	0.38	0.35	6.34	ppb
Sodium	23-2	37.74	39.38	40.47	39.20	3.51	ppb
Strontium	86-1	0.24	0.30	0.31	0.28	12.69	ppb
Strontium	88-1	0.26	0.24	0.26	0.25	4.10	ppb
Sulfur	34-1	-434.60	-489.93	-460.99	-461.84		ppb
Terbium	159-1				95		%
Terbium	159-2				104		%
Thallium	203-1	0.25	0.26	0.22	0.24	8.30	ppb
Thallium	205-1	0.25	0.26	0.23	0.25	4.45	ppb
Tin	118-1	0.28	0.30	0.29	0.29	4.16	ppb
Titanium	47-1	1.19	1.26	1.21	1.22	3.06	ppb
Uranium	238-1	0.21	0.22	0.22	0.22	1.37	ppb
Vanadium	51-2	0.24	0.24	0.25	0.24	2.49	ppb
Yttrium	89-1				108		%
Yttrium	89-2				113		%
Zinc	66-2	0.74	0.72	0.81	0.76	6.53	ppb
Zirconium	90-1	0.24	0.24	0.22	0.23	3.18	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-11	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:15:08	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.21	0.25	0.23	8.79	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-12	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:18:42	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.37	5.74	6.17	6.43	13.17	ppb
Antimony	121-1	0.29	0.33	0.27	0.30	9.67	ppb
Arsenic	75-2	0.20	0.24	0.26	0.24	12.88	ppb
Barium	135-1	1.33	1.19	1.23	1.25	5.98	ppb
Barium	137-1	1.33	1.20	1.23	1.25	5.43	ppb
Beryllium	9-1	0.37	0.33	0.29	0.33	12.49	ppb
Bismuth	209-1				83		%
Bismuth	209-2				90		%
Boron	10-1	0.46	0.23	0.68	0.45	49.45	ppb
Boron	11-1	0.71	0.96	1.07	0.91	20.05	ppb
Cadmium	111-1	0.18	0.38	0.42	0.33	39.86	ppb
Cadmium	106-1	-0.95	1.56	1.92	0.84	185.65	ppb
Cadmium	108-1	0.37	0.16	0.39	0.31	42.19	ppb
Calcium	43-1	40.29	30.71	37.36	36.12	13.60	ppb
Calcium	44-1	48.75	47.87	49.61	48.74	1.78	ppb
Chromium	52-2	0.21	0.18	0.23	0.21	12.44	ppb
Cobalt	59-2	0.23	0.23	0.22	0.23	4.57	ppb
Copper	63-2	0.51	0.48	0.50	0.50	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				96		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				109		%
Iron	56-2	13.18	12.75	12.81	12.91	1.79	ppb
Iron	57-2	13.90	13.25	14.50	13.88	4.52	ppb
Lead	206-1	0.21	0.21	0.20	0.21	4.09	ppb
Lead	207-1	0.22	0.19	0.22	0.21	7.62	ppb
Lead	208-1	0.21	0.21	0.22	0.21	1.32	ppb
Lithium	6-1				85		%
Magnesium	24-2	26.00	25.77	25.05	25.61	1.94	ppb
Manganese	55-2	0.52	0.52	0.53	0.52	1.58	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-12	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:18:42	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.27	1.09	1.17	1.17	7.83	ppb
Molybdenum	95-1	1.20	1.17	1.26	1.21	3.86	ppb
Molybdenum	96-1	1.21	1.20	1.16	1.19	2.20	ppb
Molybdenum	97-1	1.20	1.15	1.17	1.17	2.33	ppb
Molybdenum	98-1	1.26	1.24	1.23	1.24	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.21	0.28	0.24	12.99	ppb
Phosphorus	31-2	-11.92	-1.88	-9.55	-7.79		ppb
Potassium	39-2	18.08	17.74	18.74	18.18	2.78	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				121		%
Selenium	77-2	0.26	0.52	0.26	0.35	43.15	ppb
Selenium	78-2	1.21	0.55	0.37	0.71	62.26	ppb
Selenium	82-1	0.70	0.18	0.70	0.53	56.44	ppb
Silicon	28-1	2.33	2.44	2.92	2.56	12.22	ppb
Silver	109-1	0.35	0.36	0.35	0.35	2.24	ppb
Silver	107-1	0.40	0.38	0.36	0.38	5.24	ppb
Sodium	23-2	39.21	39.54	38.68	39.14	1.10	ppb
Strontium	86-1	0.30	0.30	0.23	0.27	14.65	ppb
Strontium	88-1	0.27	0.27	0.25	0.26	4.48	ppb
Sulfur	34-1	-410.28	-428.30	-398.31	-412.29		ppb
Terbium	159-1				97		%
Terbium	159-2				104		%
Thallium	203-1	0.25	0.20	0.25	0.24	11.66	ppb
Thallium	205-1	0.24	0.23	0.24	0.24	3.36	ppb
Tin	118-1	0.29	0.27	0.28	0.28	4.10	ppb
Titanium	47-1	1.23	1.30	1.21	1.25	3.92	ppb
Uranium	238-1	0.21	0.21	0.21	0.21	0.84	ppb
Vanadium	51-2	0.23	0.24	0.23	0.23	2.47	ppb
Yttrium	89-1				108		%
Yttrium	89-2				114		%
Zinc	66-2	0.68	0.65	0.74	0.69	7.21	ppb
Zirconium	90-1	0.22	0.24	0.24	0.23	4.83	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-12	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:18:42	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.25	0.25	0.25	4.41	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-13	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:22:15	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.74	14.86	13.55	13.72	7.81	ppb
Antimony	121-1	0.24	0.29	0.28	0.27	10.40	ppb
Arsenic	75-2	0.32	0.24	0.28	0.28	14.08	ppb
Barium	135-1	1.34	1.36	1.25	1.32	4.32	ppb
Barium	137-1	1.29	1.20	1.28	1.25	4.08	ppb
Beryllium	9-1	0.38	0.23	0.31	0.30	24.47	ppb
Bismuth	209-1				82		%
Bismuth	209-2				87		%
Boron	10-1	0.35	0.12	0.93	0.46	89.73	ppb
Boron	11-1	0.87	0.86	1.21	0.98	20.19	ppb
Cadmium	111-1	0.37	0.30	0.29	0.32	14.11	ppb
Cadmium	106-1	1.73	0.56	0.82	1.04	59.30	ppb
Cadmium	108-1	0.13	0.24	0.40	0.26	51.63	ppb
Calcium	43-1	38.03	32.81	29.48	33.44	12.89	ppb
Calcium	44-1	42.23	43.50	39.59	41.77	4.78	ppb
Chromium	52-2	0.23	0.25	0.28	0.25	9.58	ppb
Cobalt	59-2	0.24	0.24	0.26	0.25	3.75	ppb
Copper	63-2	0.52	0.53	0.48	0.51	4.84	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				95		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	13.28	12.89	13.03	13.07	1.53	ppb
Iron	57-2	14.41	15.01	13.03	14.15	7.19	ppb
Lead	206-1	0.22	0.22	0.21	0.22	2.46	ppb
Lead	207-1	0.25	0.22	0.18	0.22	14.78	ppb
Lead	208-1	0.23	0.21	0.21	0.22	5.29	ppb
Lithium	6-1				84		%
Magnesium	24-2	25.59	24.90	25.17	25.22	1.38	ppb
Manganese	55-2	0.56	0.53	0.51	0.53	4.57	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-13	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:22:15	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.20	1.27	1.22	1.23	2.97	ppb
Molybdenum	95-1	1.10	1.24	1.15	1.16	5.94	ppb
Molybdenum	96-1	1.14	1.14	1.12	1.13	1.40	ppb
Molybdenum	97-1	1.25	1.24	1.17	1.22	3.75	ppb
Molybdenum	98-1	1.17	1.17	1.20	1.18	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.25	0.24	0.24	4.07	ppb
Phosphorus	31-2	-14.78	-4.33	-5.75	-8.29		ppb
Potassium	39-2	21.09	20.09	13.72	18.30	21.84	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				118		%
Selenium	77-2	0.27	0.78	0.00	0.35	113.29	ppb
Selenium	78-2	1.13	0.59	-0.29	0.48	150.32	ppb
Selenium	82-1	0.56	1.09	0.48	0.71	46.78	ppb
Silicon	28-1	2.40	3.46	2.86	2.90	18.26	ppb
Silver	109-1	0.34	0.34	0.32	0.33	3.64	ppb
Silver	107-1	0.36	0.36	0.35	0.36	0.65	ppb
Sodium	23-2	38.87	37.81	38.88	38.52	1.60	ppb
Strontium	86-1	0.29	0.24	0.25	0.26	9.41	ppb
Strontium	88-1	0.24	0.25	0.25	0.25	1.46	ppb
Sulfur	34-1	-343.82	-363.52	-358.52	-355.29		ppb
Terbium	159-1				96		%
Terbium	159-2				103		%
Thallium	203-1	0.23	0.26	0.25	0.25	5.72	ppb
Thallium	205-1	0.25	0.24	0.25	0.24	2.93	ppb
Tin	118-1	0.31	0.30	0.32	0.31	2.40	ppb
Titanium	47-1	1.11	1.12	1.17	1.13	2.52	ppb
Uranium	238-1	0.21	0.22	0.20	0.21	5.85	ppb
Vanadium	51-2	0.23	0.23	0.23	0.23	0.74	ppb
Yttrium	89-1				109		%
Yttrium	89-2				112		%
Zinc	66-2	0.73	0.64	0.63	0.67	8.12	ppb
Zirconium	90-1	0.24	0.22	0.24	0.23	4.55	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-13	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:22:15	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.26	0.22	0.23	11.96	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-14	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:25:49	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.09	11.77	12.22	12.03	1.92	ppb
Antimony	121-1	0.29	0.26	0.28	0.28	5.55	ppb
Arsenic	75-2	0.21	0.26	0.22	0.23	12.85	ppb
Barium	135-1	1.30	1.27	1.16	1.24	5.80	ppb
Barium	137-1	1.28	1.35	1.35	1.33	3.08	ppb
Beryllium	9-1	0.22	0.35	0.32	0.30	21.95	ppb
Bismuth	209-1				80		%
Bismuth	209-2				87		%
Boron	10-1	0.72	0.83	0.25	0.60	51.21	ppb
Boron	11-1	1.00	0.62	0.77	0.80	24.21	ppb
Cadmium	111-1	0.26	0.22	0.33	0.27	21.20	ppb
Cadmium	106-1	0.35	-0.59	1.05	0.27	305.58	ppb
Cadmium	108-1	0.22	0.24	0.22	0.23	6.95	ppb
Calcium	43-1	52.81	43.63	52.03	49.49	10.29	ppb
Calcium	44-1	48.08	50.75	49.90	49.58	2.75	ppb
Chromium	52-2	0.36	0.35	0.31	0.34	7.71	ppb
Cobalt	59-2	0.22	0.22	0.23	0.22	4.10	ppb
Copper	63-2	0.53	0.52	0.51	0.52	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	56-2	14.53	13.86	14.01	14.13	2.49	ppb
Iron	57-2	14.21	15.14	13.35	14.23	6.29	ppb
Lead	206-1	0.22	0.26	0.23	0.24	9.30	ppb
Lead	207-1	0.22	0.22	0.24	0.23	4.34	ppb
Lead	208-1	0.22	0.24	0.22	0.23	5.62	ppb
Lithium	6-1				82		%
Magnesium	24-2	27.62	26.20	27.14	26.99	2.67	ppb
Manganese	55-2	0.53	0.57	0.51	0.54	5.22	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-14	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:25:49	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.20	1.21	1.25	1.22	2.43	ppb
Molybdenum	95-1	1.22	1.24	1.14	1.20	4.38	ppb
Molybdenum	96-1	1.13	1.14	1.25	1.17	5.49	ppb
Molybdenum	97-1	1.20	1.17	1.16	1.18	1.75	ppb
Molybdenum	98-1	1.18	1.20	1.25	1.21	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.24	0.25	0.23	8.53	ppb
Phosphorus	31-2	-6.71	-2.74	-9.35	-6.27		ppb
Potassium	39-2	19.00	18.98	17.87	18.62	3.48	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				121		%
Selenium	77-2	0.26	0.52	0.00	0.26	99.90	ppb
Selenium	78-2	1.34	0.72	0.54	0.87	48.50	ppb
Selenium	82-1	0.79	0.36	0.36	0.50	49.64	ppb
Silicon	28-1	2.92	2.93	3.75	3.20	14.93	ppb
Silver	109-1	0.31	0.35	0.37	0.34	7.99	ppb
Silver	107-1	0.39	0.35	0.36	0.37	6.40	ppb
Sodium	23-2	39.38	38.49	37.94	38.60	1.87	ppb
Strontium	86-1	0.33	0.29	0.22	0.28	20.18	ppb
Strontium	88-1	0.26	0.26	0.26	0.26	0.49	ppb
Sulfur	34-1	-383.98	-384.61	-376.99	-381.86		ppb
Terbium	159-1				94		%
Terbium	159-2				103		%
Thallium	203-1	0.27	0.26	0.24	0.25	6.26	ppb
Thallium	205-1	0.26	0.24	0.26	0.25	4.91	ppb
Tin	118-1	0.26	0.30	0.28	0.28	6.88	ppb
Titanium	47-1	1.35	1.26	1.34	1.32	3.89	ppb
Uranium	238-1	0.20	0.21	0.19	0.20	5.03	ppb
Vanadium	51-2	0.24	0.27	0.26	0.26	7.70	ppb
Yttrium	89-1				107		%
Yttrium	89-2				113		%
Zinc	66-2	1.21	1.16	0.90	1.09	15.37	ppb
Zirconium	90-1	0.23	0.24	0.26	0.24	5.08	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-14	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:25:49	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.26	0.20	0.22	14.14	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P7
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:29:22	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49478.32	49610.08	50189.56	49759.32	0.76	ppb
Antimony	121-1	522.61	524.84	524.29	523.91	0.22	ppb
Arsenic	75-2	495.84	497.66	498.17	497.22	0.25	ppb
Barium	135-1	2603.42	2632.73	2655.25	2630.47	0.99	ppb
Barium	137-1	2576.82	2606.25	2621.08	2601.39	0.87	ppb
Beryllium	9-1	535.58	533.77	532.89	534.08	0.26	ppb
Bismuth	209-1				78		%
Bismuth	209-2				82		%
Boron	10-1	547.40	545.50	532.59	541.83	1.49	ppb
Boron	11-1	541.65	552.85	558.59	551.03	1.56	ppb
Cadmium	111-1	510.07	512.40	509.50	510.66	0.30	ppb
Cadmium	106-1	526.42	526.33	521.93	524.89	0.49	ppb
Cadmium	108-1	515.10	513.70	518.59	515.80	0.49	ppb
Calcium	43-1	251401.02	247858.96	248410.11	249223.36	0.76	ppb
Calcium	44-1	249061.85	247409.09	247087.62	247852.85	0.43	ppb
Chromium	52-2	488.77	490.50	492.38	490.55	0.37	ppb
Cobalt	59-2	468.41	468.80	473.85	470.35	0.65	ppb
Copper	63-2	914.88	921.22	936.75	924.28	1.22	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				97		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	122601.83	122643.92	124055.51	123100.42	0.67	ppb
Iron	57-2	122289.63	123056.35	124568.40	123304.80	0.94	ppb
Lead	206-1	523.60	526.79	530.21	526.87	0.63	ppb
Lead	207-1	513.07	514.69	513.15	513.64	0.18	ppb
Lead	208-1	521.54	520.64	523.30	521.83	0.26	ppb
Lithium	6-1				82		%
Magnesium	24-2	249668.52	249671.81	252554.34	250631.55	0.66	ppb
Manganese	55-2	980.07	985.36	991.14	985.52	0.56	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P7
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:29:22	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2526.68	2555.86	2493.26	2525.27	1.24	ppb
Molybdenum	95-1	2497.13	2536.55	2494.60	2509.43	0.94	ppb
Molybdenum	96-1	2476.27	2515.97	2485.66	2492.63	0.83	ppb
Molybdenum	97-1	2479.55	2498.21	2481.26	2486.34	0.41	ppb
Molybdenum	98-1	2493.06	2472.64	2461.34	2475.68	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	461.64	463.77	468.25	464.55	0.73	ppb
Phosphorus	31-2	9877.83	9926.64	10496.95	10100.47	3.41	ppb
Potassium	39-2	125319.09	125162.96	126476.53	125652.86	0.57	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				115		%
Selenium	77-2	502.11	504.22	495.98	500.77	0.85	ppb
Selenium	78-2	498.01	492.04	498.78	496.28	0.74	ppb
Selenium	82-1	486.27	485.88	485.64	485.93	0.07	ppb
Silicon	28-1	471.48	465.46	471.49	469.48	0.74	ppb
Silver	109-1	516.27	513.67	518.78	516.24	0.49	ppb
Silver	107-1	514.55	515.06	515.81	515.14	0.12	ppb
Sodium	23-2	248449.79	248726.81	251740.72	249639.10	0.73	ppb
Strontium	86-1	522.71	518.35	512.34	517.80	1.01	ppb
Strontium	88-1	519.66	521.10	515.60	518.79	0.55	ppb
Sulfur	34-1	9663.66	9488.32	9483.84	9545.27	1.07	ppb
Terbium	159-1				97		%
Terbium	159-2				102		%
Thallium	203-1	538.87	535.51	539.97	538.12	0.43	ppb
Thallium	205-1	529.78	530.78	536.87	532.48	0.72	ppb
Tin	118-1	522.60	525.30	519.31	522.40	0.57	ppb
Titanium	47-1	2492.91	2508.89	2519.16	2506.98	0.53	ppb
Uranium	238-1	505.42	512.00	509.87	509.10	0.66	ppb
Vanadium	51-2	488.24	489.46	493.25	490.32	0.53	ppb
Yttrium	89-1				104		%
Yttrium	89-2				109		%
Zinc	66-2	909.11	916.19	919.98	915.09	0.60	ppb
Zirconium	90-1	511.46	510.85	508.40	510.24	0.32	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P7
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:29:22	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.01	503.30	496.75	500.02	0.66	ppb

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : CCB049 Instrumnet Name : P7
 Client Sample ID : CCB049 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 14:33:00 DataFile Name : 048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.20	1.08	0.96	1.08	11.18	ppb
Antimony	121-1	1.29	1.31	1.23	1.28	3.20	ppb
Arsenic	75-2	0.06	0.07	0.09	0.07	23.14	ppb
Barium	135-1	0.03	0.03	0.02	0.03	17.88	ppb
Barium	137-1	0.04	0.02	0.00	0.02	102.88	ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	56.26	ppb
Bismuth	209-1				85		%
Bismuth	209-2				92		%
Boron	10-1	5.15	5.00	4.13	4.76	11.66	ppb
Boron	11-1	6.26	5.57	4.23	5.35	19.34	ppb
Cadmium	111-1	0.02	0.07	0.00	0.03	135.10	ppb
Cadmium	106-1	0.18	1.01	-0.03	0.38	142.38	ppb
Cadmium	108-1	0.00	0.18	0.05	0.08	119.60	ppb
Calcium	43-1	1.12	2.72	6.71	3.52	81.83	ppb
Calcium	44-1	5.88	8.17	6.27	6.77	18.09	ppb
Chromium	52-2	0.03	0.00	-0.01	0.01	272.85	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.05	0.04	0.04	0.04	18.52	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				99		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				110		%
Iron	56-2	7.15	6.77	5.98	6.63	9.02	ppb
Iron	57-2	7.17	7.04	6.72	6.98	3.37	ppb
Lead	206-1	0.10	0.08	0.07	0.08	21.65	ppb
Lead	207-1	0.10	0.09	0.08	0.09	12.92	ppb
Lead	208-1	0.11	0.09	0.08	0.09	12.82	ppb
Lithium	6-1				86		%
Magnesium	24-2	1.05	0.82	0.83	0.90	14.64	ppb
Manganese	55-2	-0.01	0.01	0.00	0.00	731.17	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB049	Instrumnet Name :	P7
Client Sample ID :	CCB049	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:33:00	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.73	0.70	0.68	0.70	3.79	ppb
Molybdenum	95-1	0.94	0.91	0.86	0.91	4.24	ppb
Molybdenum	96-1	0.95	0.91	0.80	0.89	8.72	ppb
Molybdenum	97-1	0.96	0.87	0.84	0.89	6.63	ppb
Molybdenum	98-1	1.03	0.90	0.81	0.91	12.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-14.95	-8.64	-19.02	-14.20		ppb
Potassium	39-2	13.54	13.61	9.81	12.32	17.63	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				119		%
Selenium	77-2	0.00	0.26	0.00	0.09	173.21	ppb
Selenium	78-2	0.84	0.80	0.90	0.85	6.07	ppb
Selenium	82-1	1.12	0.43	0.57	0.70	51.97	ppb
Silicon	28-1	-5.43	-5.22	-5.35	-5.33		ppb
Silver	109-1	0.02	0.03	0.02	0.02	16.80	ppb
Silver	107-1	0.03	0.03	0.02	0.03	16.94	ppb
Sodium	23-2	35.24	35.35	34.37	34.99	1.54	ppb
Strontium	86-1	0.02	0.06	0.03	0.03	63.62	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	6.92	ppb
Sulfur	34-1	-817.52	-793.32	-786.56	-799.13		ppb
Terbium	159-1				99		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.02	0.01	0.02	24.96	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	12.79	ppb
Tin	118-1	0.28	0.33	0.30	0.30	8.52	ppb
Titanium	47-1	0.11	0.06	0.11	0.09	27.59	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	28.60	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				109		%
Yttrium	89-2				114		%
Zinc	66-2	0.15	0.02	0.07	0.08	80.89	ppb
Zirconium	90-1	0.08	0.06	0.06	0.07	9.82	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB049	Instrumnet Name :	P7
Client Sample ID :	CCB049	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:33:00	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.05	0.05	7.63	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	J1612-22DLX2	Instrumnet Name :	P7
Client Sample ID :	MGA6M7	Dilution Factor :	2
Date & Time Acquired ::	2018-03-01 15:21:08	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.33	2.76	2.49	2.53	8.55	ppb
Antimony	121-1	0.96	0.92	0.92	0.93	2.28	ppb
Arsenic	75-2	0.03	0.02	0.06	0.04	61.30	ppb
Barium	135-1	10.01	10.14	9.91	10.02	1.14	ppb
Barium	137-1	9.79	9.89	10.05	9.91	1.30	ppb
Beryllium	9-1	0.00	0.01	0.00	0.01	80.70	ppb
Bismuth	209-1				85		%
Bismuth	209-2				88		%
Boron	10-1	4.93	4.24	5.06	4.74	9.29	ppb
Boron	11-1	5.38	4.62	5.22	5.07	7.83	ppb
Cadmium	111-1	0.55	0.52	0.46	0.51	9.08	ppb
Cadmium	106-1	1.54	1.13	-0.81	0.62	202.65	ppb
Cadmium	108-1	0.96	1.44	1.19	1.20	20.06	ppb
Calcium	43-1	96771.07	97140.05	97514.65	97141.92	0.38	ppb
Calcium	44-1	97156.76	96964.02	97402.29	97174.35	0.23	ppb
Chromium	52-2	0.03	0.02	-0.02	0.01	258.02	ppb
Cobalt	59-2	0.05	0.05	0.06	0.05	6.20	ppb
Copper	63-2	3.72	3.64	3.72	3.69	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	7.40	7.74	7.48	7.54	2.37	ppb
Iron	57-2	115.25	113.18	117.79	115.41	2.00	ppb
Lead	206-1	14.78	14.61	14.70	14.70	0.59	ppb
Lead	207-1	12.30	12.12	12.32	12.25	0.89	ppb
Lead	208-1	13.44	13.31	13.33	13.36	0.54	ppb
Lithium	6-1				92		%
Magnesium	24-2	50164.42	49897.02	50528.84	50196.76	0.63	ppb
Manganese	55-2	0.38	0.46	0.39	0.41	10.23	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	J1612-22DLX2	Instrumnet Name :	P7
Client Sample ID :	MGA6M7	Dilution Factor :	2
Date & Time Acquired ::	2018-03-01 15:21:08	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.12	0.09	0.10	21.12	ppb
Molybdenum	95-1	0.06	0.09	0.08	0.08	21.02	ppb
Molybdenum	96-1	0.09	0.07	0.10	0.09	18.15	ppb
Molybdenum	97-1	0.07	0.10	0.09	0.09	15.64	ppb
Molybdenum	98-1	0.07	0.08	0.06	0.07	12.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.04	6.19	6.22	6.15	1.54	ppb
Phosphorus	31-2	-18.76	-4.23	-7.96	-10.32		ppb
Potassium	39-2	313.94	312.71	311.81	312.82	0.34	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				122		%
Selenium	77-2	0.52	0.00	0.26	0.26	99.56	ppb
Selenium	78-2	0.70	0.74	1.20	0.88	31.34	ppb
Selenium	82-1	0.17	0.74	0.52	0.48	59.88	ppb
Silicon	28-1	2011.59	2016.58	2036.49	2021.56	0.65	ppb
Silver	109-1	0.45	0.43	0.40	0.43	6.68	ppb
Silver	107-1	0.45	0.44	0.40	0.43	5.86	ppb
Sodium	23-2	2403.20	2400.13	2425.19	2409.51	0.57	ppb
Strontium	86-1	112.38	111.17	112.70	112.08	0.72	ppb
Strontium	88-1	112.42	112.60	113.06	112.69	0.29	ppb
Sulfur	34-1	56176.01	55772.98	56690.46	56213.15	0.82	ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	0.16	0.15	0.18	0.16	9.47	ppb
Thallium	205-1	0.16	0.16	0.16	0.16	0.28	ppb
Tin	118-1	0.20	0.17	0.16	0.18	10.53	ppb
Titanium	47-1	0.17	0.15	0.11	0.14	23.32	ppb
Uranium	238-1	0.45	0.41	0.44	0.43	4.27	ppb
Vanadium	51-2	0.04	0.03	0.04	0.04	13.53	ppb
Yttrium	89-1				110		%
Yttrium	89-2				112		%
Zinc	66-2	1548.34	1541.11	1548.48	1545.98	0.27	ppb
Zirconium	90-1	0.03	0.02	0.04	0.03	21.66	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	J1612-22DLX2	Instrumnet Name :	P7
Client Sample ID :	MGA6M7	Dilution Factor :	2
Date & Time Acquired ::	2018-03-01 15:21:08	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.01	0.02	84.27	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P7
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 15:24:42	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48821.17	49307.89	49212.12	49113.73	0.53	ppb
Antimony	121-1	537.36	530.34	528.78	532.16	0.86	ppb
Arsenic	75-2	504.06	501.05	502.63	502.58	0.30	ppb
Barium	135-1	2645.61	2650.08	2633.25	2642.98	0.33	ppb
Barium	137-1	2624.88	2655.81	2649.82	2643.51	0.62	ppb
Beryllium	9-1	540.08	529.75	539.95	536.59	1.10	ppb
Bismuth	209-1				77		%
Bismuth	209-2				83		%
Boron	10-1	517.73	529.85	553.01	533.53	3.36	ppb
Boron	11-1	548.35	548.31	564.99	553.88	1.74	ppb
Cadmium	111-1	531.50	520.96	527.90	526.79	1.02	ppb
Cadmium	106-1	538.31	538.18	541.21	539.23	0.32	ppb
Cadmium	108-1	537.48	525.90	526.71	530.03	1.22	ppb
Calcium	43-1	247779.17	245998.13	248450.44	247409.25	0.51	ppb
Calcium	44-1	246126.23	245776.04	246474.61	246125.62	0.14	ppb
Chromium	52-2	490.41	491.64	491.93	491.33	0.16	ppb
Cobalt	59-2	471.93	473.63	471.90	472.49	0.21	ppb
Copper	63-2	912.84	911.58	911.84	912.09	0.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	121798.06	121174.98	120806.70	121259.91	0.41	ppb
Iron	57-2	121775.29	121583.53	121427.39	121595.40	0.14	ppb
Lead	206-1	524.21	528.74	520.96	524.64	0.74	ppb
Lead	207-1	517.41	520.07	509.65	515.71	1.05	ppb
Lead	208-1	520.77	523.73	517.58	520.70	0.59	ppb
Lithium	6-1				82		%
Magnesium	24-2	246826.87	249324.43	246700.22	247617.18	0.60	ppb
Manganese	55-2	986.69	989.90	989.09	988.56	0.17	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P7
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 15:24:42	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2495.62	2513.77	2504.86	2504.75	0.36	ppb
Molybdenum	95-1	2466.52	2487.17	2487.57	2480.42	0.49	ppb
Molybdenum	96-1	2484.64	2476.88	2497.59	2486.37	0.42	ppb
Molybdenum	97-1	2482.99	2481.74	2472.42	2479.05	0.23	ppb
Molybdenum	98-1	2468.03	2508.33	2491.88	2489.41	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.75	469.05	464.10	465.97	0.58	ppb
Phosphorus	31-2	9957.40	10279.77	10319.85	10185.67	1.95	ppb
Potassium	39-2	122879.26	124380.92	123992.76	123750.98	0.63	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				118		%
Selenium	77-2	500.46	484.22	493.03	492.57	1.65	ppb
Selenium	78-2	512.42	502.71	507.41	507.52	0.96	ppb
Selenium	82-1	490.75	492.01	488.95	490.57	0.31	ppb
Silicon	28-1	522.95	524.68	533.18	526.94	1.04	ppb
Silver	109-1	537.59	526.18	533.57	532.45	1.09	ppb
Silver	107-1	532.24	522.00	528.13	527.46	0.98	ppb
Sodium	23-2	247650.65	247347.84	246991.05	247329.85	0.13	ppb
Strontium	86-1	519.65	518.24	516.78	518.22	0.28	ppb
Strontium	88-1	520.16	521.06	515.96	519.06	0.53	ppb
Sulfur	34-1	9942.31	9727.35	9933.23	9867.63	1.23	ppb
Terbium	159-1				96		%
Terbium	159-2				103		%
Thallium	203-1	536.16	530.56	533.22	533.31	0.53	ppb
Thallium	205-1	527.14	534.37	529.32	530.28	0.70	ppb
Tin	118-1	541.18	527.58	529.66	532.80	1.37	ppb
Titanium	47-1	2516.77	2486.57	2495.39	2499.57	0.62	ppb
Uranium	238-1	507.97	511.24	502.88	507.36	0.83	ppb
Vanadium	51-2	489.27	491.24	491.16	490.56	0.23	ppb
Yttrium	89-1				106		%
Yttrium	89-2				109		%
Zinc	66-2	918.38	920.23	920.75	919.79	0.14	ppb
Zirconium	90-1	505.65	509.73	506.95	507.45	0.41	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P7
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 15:24:42	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.18	504.24	495.62	500.35	0.87	ppb

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : CCB050 Instrumnet Name : P7
 Client Sample ID : CCB050 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 15:29:50 DataFile Name : 051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.69	1.07	0.93	0.90	21.14	ppb
Antimony	121-1	0.57	0.68	0.65	0.63	8.36	ppb
Arsenic	75-2	0.03	0.07	0.04	0.04	41.61	ppb
Barium	135-1	0.02	0.02	0.01	0.01	46.93	ppb
Barium	137-1	0.02	0.01	0.00	0.01	68.66	ppb
Beryllium	9-1	0.02	0.05	0.04	0.04	37.90	ppb
Bismuth	209-1				86		%
Bismuth	209-2				92		%
Boron	10-1	3.74	5.11	2.32	3.72	37.48	ppb
Boron	11-1	3.97	4.28	3.79	4.01	6.15	ppb
Cadmium	111-1	0.06	0.02	0.01	0.03	79.47	ppb
Cadmium	106-1	0.82	0.30	0.04	0.39	101.64	ppb
Cadmium	108-1	0.03	0.00	-0.05	-0.01		ppb
Calcium	43-1	4.00	3.40	1.49	2.96	44.13	ppb
Calcium	44-1	4.78	5.49	4.57	4.95	9.80	ppb
Chromium	52-2	0.01	0.01	0.02	0.01	49.57	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.09	0.13	0.08	0.10	25.47	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				98		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				110		%
Iron	56-2	3.45	3.18	3.24	3.29	4.32	ppb
Iron	57-2	3.83	4.81	2.71	3.78	27.87	ppb
Lead	206-1	0.10	0.09	0.06	0.08	19.41	ppb
Lead	207-1	0.08	0.05	0.09	0.07	28.73	ppb
Lead	208-1	0.08	0.08	0.07	0.08	6.78	ppb
Lithium	6-1				88		%
Magnesium	24-2	0.98	1.39	1.40	1.26	18.88	ppb
Manganese	55-2	0.01	0.01	0.01	0.01	26.03	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB050	Instrumnet Name :	P7
Client Sample ID :	CCB050	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 15:29:50	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.35	0.36	0.34	0.35	3.99	ppb
Molybdenum	95-1	0.51	0.49	0.46	0.49	4.73	ppb
Molybdenum	96-1	0.48	0.47	0.37	0.44	13.76	ppb
Molybdenum	97-1	0.54	0.48	0.43	0.49	11.33	ppb
Molybdenum	98-1	0.51	0.43	0.43	0.46	10.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.00	-0.01		ppb
Phosphorus	31-2	-17.33	-19.40	-14.38	-17.04		ppb
Potassium	39-2	12.32	12.01	8.97	11.10	16.68	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				121		%
Selenium	77-2	0.00	0.26	0.00	0.09	173.21	ppb
Selenium	78-2	0.36	0.74	0.84	0.65	38.86	ppb
Selenium	82-1	-0.05	-0.15	0.35	0.05	526.43	ppb
Silicon	28-1	-5.65	-6.65	-6.00	-6.10		ppb
Silver	109-1	0.04	0.10	0.07	0.07	37.59	ppb
Silver	107-1	0.05	0.11	0.06	0.07	45.67	ppb
Sodium	23-2	28.71	26.75	29.28	28.25	4.69	ppb
Strontium	86-1	0.04	0.01	0.02	0.02	65.28	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	24.53	ppb
Sulfur	34-1	-616.47	-667.01	-660.61	-648.03		ppb
Terbium	159-1				99		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.05	0.06	0.05	8.67	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	12.20	ppb
Tin	118-1	0.18	0.17	0.14	0.16	14.74	ppb
Titanium	47-1	0.02	0.06	0.07	0.05	47.19	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	86.24	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	229.16	ppb
Yttrium	89-1				111		%
Yttrium	89-2				114		%
Zinc	66-2	0.07	0.15	0.13	0.12	35.82	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	11.28	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB050	Instrumnet Name :	P7
Client Sample ID :	CCB050	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 15:29:50	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.01	0.02	25.77	ppb

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:19:24	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	33	50	47	26.97	cps
Antimony	121-1	0	17	17	11	86.60	cps
Arsenic	75-2	22	11	11	15	43.30	cps
Barium	135-1	17	50	8	25	88.19	cps
Barium	137-1	100	92	42	78	40.56	cps
Beryllium	9-1	6	6	0	4	86.60	cps
Bismuth	209-1	5984460	5885515	5928890	5932955	0.84	cps
Bismuth	209-2	5069879	4990215	5038740	5032945	0.80	cps
Boron	10-1	8	17	33	19	65.47	cps
Boron	11-1	42	75	67	61	28.38	cps
Cadmium	111-1	3460	3382	3353	3398	1.64	cps
Cadmium	106-1	4918	4818	4776	4837	1.51	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Calcium	43-1	392	383	200	325	33.33	cps
Calcium	44-1	16518	17169	16869	16852	1.93	cps
Chromium	52-2	2054	2104	2037	2065	1.68	cps
Cobalt	59-2	183	230	210	208	11.27	cps
Copper	63-2	1030	987	1037	1018	2.67	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	75	33	42	72.11	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	83	50	117	83	40.00	cps
Gadolinium	160-2	100	107	107	104	3.69	cps
Holmium	165-1	9162240	9107529	9194361	9154710	0.48	cps
Holmium	165-2	6657360	6569061	6615720	6614047	0.67	cps
Indium	115-1	6984868	6931929	7013099	6976632	0.59	cps
Indium	115-2	2215792	2229830	2246716	2230779	0.69	cps
Iron	56-2	3723	3862	3689	3758	2.43	cps
Iron	57-2	156	267	283	235	29.54	cps
Lead	206-1	506	506	500	504	0.64	cps
Lead	207-1	517	439	428	461	10.50	cps
Lead	208-1	2106	2056	2089	2083	1.22	cps
Lithium	6-1	363502	359162	360665	361110	0.61	cps
Magnesium	24-2	142	100	83	108	27.73	cps
Manganese	55-2	57	30	63	50	35.28	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:19:24	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	250	225	228	9.21	cps
Molybdenum	95-1	33	33	33	33	0.00	cps
Molybdenum	96-1	100	150	83	111	31.22	cps
Molybdenum	97-1	25	50	17	31	56.77	cps
Molybdenum	98-1	108	50	67	75	40.06	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	97	60	87	81	23.37	cps
Phosphorus	31-2	308	283	258	283	8.82	cps
Potassium	39-2	25573	25982	26792	26115	2.38	cps
Rhodium	103-1	6136202	6166728	6154388	6152439	0.25	cps
Rhodium	103-2	4319697	4293939	4357892	4323843	0.74	cps
Scandium	45-1	3035445	3000828	3046455	3027576	0.79	cps
Scandium	45-2	252841	252519	255924	253761	0.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	128	91	133	117	19.74	cps
Selenium	82-1	-6	-32	43	2	2192.70	cps
Silicon	28-1	177349	175071	176934	176451	0.69	cps
Silver	109-1	67	42	75	61	28.38	cps
Silver	107-1	67	25	117	69	66.09	cps
Sodium	23-2	8836	8394	8336	8522	3.21	cps
Strontium	86-1	642	725	758	708	8.48	cps
Strontium	88-1	67	75	108	83	26.46	cps
Sulfur	34-1	147879	148617	149308	148601	0.48	cps
Terbium	159-1	9429761	9444782	9402291	9425611	0.23	cps
Terbium	159-2	6654132	6601282	6685469	6646961	0.64	cps
Thallium	203-1	117	83	58	86	33.98	cps
Thallium	205-1	183	217	183	194	9.90	cps
Tin	118-1	858	967	942	922	6.15	cps
Titanium	47-1	33	33	67	44	43.31	cps
Uranium	238-1	233	225	292	250	14.53	cps
Vanadium	51-2	17	27	13	19	36.75	cps
Yttrium	89-1	6808778	6813083	6852908	6824923	0.36	cps
Yttrium	89-2	1625493	1620558	1640709	1628920	0.64	cps
Zinc	66-2	150	113	147	137	14.83	cps
Zirconium	90-1	400	550	483	478	15.73	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:19:24	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	83	133	117	24.74	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:27:28	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1967	2267	2434	2222	10.64	cps
Antimony	121-1	18346	17803	18613	18254	2.26	cps
Arsenic	75-2	411	489	456	452	8.64	cps
Barium	135-1	22828	23012	23713	23184	2.01	cps
Barium	137-1	40702	41354	39574	40544	2.22	cps
Beryllium	9-1	661	661	556	626	9.74	cps
Bismuth	209-1	5962431	5873485	5794027	5876648	1.43	cps
Bismuth	209-2	4717033	4958223	5026413	4900556	3.32	cps
Boron	10-1	1617	1892	1900	1803	8.94	cps
Boron	11-1	9587	9712	9979	9759	2.05	cps
Cadmium	111-1	5832	5640	5816	5763	1.84	cps
Cadmium	106-1	5218	4884	5134	5079	3.42	cps
Cadmium	108-1	179	167	100	149	28.64	cps
Calcium	43-1	9904	10237	10020	10054	1.68	cps
Calcium	44-1	174501	174753	171545	173600	1.03	cps
Chromium	52-2	9026	9730	10200	9652	6.12	cps
Cobalt	59-2	6091	6375	6385	6284	2.65	cps
Copper	63-2	9710	9760	10124	9865	2.29	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	67	42	25	44	47.19	cps
Erbium	164-2	57	43	37	46	22.36	cps
Gadolinium	160-1	125	75	75	92	31.50	cps
Gadolinium	160-2	83	123	113	107	19.52	cps
Holmium	165-1	9554981	9439625	9302741	9432449	1.34	cps
Holmium	165-2	6582017	6779307	6815543	6725622	1.87	cps
Indium	115-1	7265269	7174285	6970637	7136730	2.11	cps
Indium	115-2	2109458	2213652	2245157	2189422	3.24	cps
Iron	56-2	152837	162905	165095	160279	4.08	cps
Iron	57-2	4084	4140	4173	4132	1.09	cps
Lead	206-1	7997	8286	8053	8112	1.89	cps
Lead	207-1	7219	7669	7408	7432	3.04	cps
Lead	208-1	33000	33417	32906	33108	0.82	cps
Lithium	6-1	363770	362573	358833	361725	0.71	cps
Magnesium	24-2	106164	115501	117475	113047	5.34	cps
Manganese	55-2	2154	2430	2334	2306	6.09	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:27:28	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17453	17211	17153	17272	0.92	cps
Molybdenum	95-1	21976	21459	21575	21670	1.25	cps
Molybdenum	96-1	23779	23403	23604	23595	0.80	cps
Molybdenum	97-1	13332	13790	13232	13451	2.22	cps
Molybdenum	98-1	35361	35662	34585	35203	1.58	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1663	1570	1723	1652	4.68	cps
Phosphorus	31-2	325	300	350	325	7.69	cps
Potassium	39-2	154395	163179	163179	160251	3.16	cps
Rhodium	103-1	6400393	6296323	6143057	6279924	2.06	cps
Rhodium	103-2	4078515	4284457	4355229	4239400	3.39	cps
Scandium	45-1	3096733	3037136	2965316	3033062	2.17	cps
Scandium	45-2	238188	252657	257429	249425	4.02	cps
Selenium	77-2	77	60	60	66	14.68	cps
Selenium	78-2	250	315	298	288	11.70	cps
Selenium	82-1	696	698	683	692	1.21	cps
Silicon	28-1	226302	228867	224914	226694	0.88	cps
Silver	109-1	11472	11330	10971	11258	2.29	cps
Silver	107-1	11338	11213	11488	11347	1.21	cps
Sodium	23-2	213818	226831	228868	223173	3.66	cps
Strontium	86-1	3709	3626	3834	3723	2.82	cps
Strontium	88-1	26208	26659	25732	26200	1.77	cps
Sulfur	34-1	150663	152894	152229	151929	0.75	cps
Terbium	159-1	9870955	9605173	9529248	9668459	1.86	cps
Terbium	159-2	6428655	6770337	6826073	6675022	3.22	cps
Thallium	203-1	10079	9854	9287	9740	4.19	cps
Thallium	205-1	23714	23538	22879	23377	1.88	cps
Tin	118-1	38905	39389	38579	38958	1.05	cps
Titanium	47-1	4568	4743	4259	4523	5.41	cps
Uranium	238-1	30771	30520	29476	30256	2.27	cps
Vanadium	51-2	13536	14501	14100	14046	3.45	cps
Yttrium	89-1	7057159	6965828	6800709	6941232	1.87	cps
Yttrium	89-2	1529934	1612532	1640207	1594224	3.60	cps
Zinc	66-2	1467	1397	1507	1457	3.82	cps
Zirconium	90-1	13932	14967	14917	14605	3.99	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:27:28	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3384	2884	3301	3189	8.40	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:31:21	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114468	112059	112706	113078	1.10	cps
Antimony	121-1	501932	529679	525679	519097	2.89	cps
Arsenic	75-2	24727	24517	24600	24615	0.43	cps
Barium	135-1	628835	667486	663485	653269	3.25	cps
Barium	137-1	1095211	1155678	1157388	1136092	3.12	cps
Beryllium	9-1	33894	34752	34038	34228	1.34	cps
Bismuth	209-1	5729267	6026225	6038402	5931298	2.95	cps
Bismuth	209-2	5055318	5074384	5029182	5052961	0.45	cps
Boron	10-1	4351	4851	4084	4429	8.79	cps
Boron	11-1	20798	22810	22617	22075	5.03	cps
Cadmium	111-1	127363	134461	137162	132995	3.81	cps
Cadmium	106-1	16460	18087	17545	17364	4.77	cps
Cadmium	108-1	8661	9603	9282	9182	5.22	cps
Calcium	43-1	105013	108899	109856	107923	2.38	cps
Calcium	44-1	1721854	1828943	1810488	1787095	3.20	cps
Chromium	52-2	199805	201645	201736	201062	0.54	cps
Cobalt	59-2	328435	328445	325223	327368	0.57	cps
Copper	63-2	488155	486901	483601	486219	0.48	cps
Dysprosium	156-1	8	33	8	17	86.64	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	37	27	17	27	37.50	cps
Gadolinium	160-1	67	50	83	67	25.00	cps
Gadolinium	160-2	80	113	113	102	18.83	cps
Holmium	165-1	9011918	9559590	9587682	9386397	3.46	cps
Holmium	165-2	6856694	6832437	6848030	6845720	0.18	cps
Indium	115-1	6828277	7207654	7271668	7102533	3.37	cps
Indium	115-2	2220998	2219890	2203859	2214916	0.43	cps
Iron	56-2	8815151	8788056	8684950	8762719	0.78	cps
Iron	57-2	217250	215362	212329	214980	1.15	cps
Lead	206-1	413228	431103	435102	426478	2.73	cps
Lead	207-1	365869	386408	383736	378671	2.95	cps
Lead	208-1	1652883	1743040	1749819	1715247	3.15	cps
Lithium	6-1	353435	373152	369570	365385	2.87	cps
Magnesium	24-2	1294225	1296839	1294349	1295138	0.11	cps
Manganese	55-2	241509	242556	241546	241870	0.25	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:31:21	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	946593	995079	996609	979427	2.90	cps
Molybdenum	95-1	1167831	1233909	1227675	1209805	3.02	cps
Molybdenum	96-1	1305577	1376116	1366589	1349427	2.84	cps
Molybdenum	97-1	729937	773471	767211	756873	3.11	cps
Molybdenum	98-1	1910683	2014327	2005095	1976701	2.90	cps
Neodymium	150-1	27	13	47	29	58.08	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	88981	88233	86973	88062	1.15	cps
Phosphorus	31-2	6910	7277	7135	7108	2.60	cps
Potassium	39-2	785242	784783	783796	784607	0.09	cps
Rhodium	103-1	5985401	6331669	6328246	6215105	3.20	cps
Rhodium	103-2	4284172	4293615	4244502	4274096	0.61	cps
Scandium	45-1	2892366	3065858	3041328	2999851	3.13	cps
Scandium	45-2	251157	253617	250579	251784	0.64	cps
Selenium	77-2	583	607	590	593	2.03	cps
Selenium	78-2	2052	2154	2082	2096	2.50	cps
Selenium	82-1	7255	7647	7572	7491	2.78	cps
Silicon	28-1	379893	392956	391546	388132	1.85	cps
Silver	109-1	582920	612731	611388	602346	2.80	cps
Silver	107-1	606167	635829	641122	627706	3.00	cps
Sodium	23-2	2465697	2476447	2493692	2478612	0.57	cps
Strontium	86-1	154262	164271	160444	159659	3.16	cps
Strontium	88-1	1363679	1438478	1431310	1411156	2.92	cps
Sulfur	34-1	211269	212792	213139	212400	0.47	cps
Terbium	159-1	9357664	9761957	9901400	9673674	2.92	cps
Terbium	159-2	6832429	6879780	6770627	6827612	0.80	cps
Thallium	203-1	500026	530404	526686	519039	3.19	cps
Thallium	205-1	1208041	1263223	1273094	1248120	2.81	cps
Tin	118-1	411383	439040	442111	430845	3.93	cps
Titanium	47-1	245620	256908	254618	252382	2.36	cps
Uranium	238-1	1652913	1731002	1748652	1710856	2.98	cps
Vanadium	51-2	158571	162200	160559	160444	1.13	cps
Yttrium	89-1	6607833	7021433	6976955	6868740	3.31	cps
Yttrium	89-2	1611090	1609116	1598326	1606177	0.43	cps
Zinc	66-2	67910	68339	67201	67817	0.85	cps
Zirconium	90-1	768746	810101	821160	800002	3.45	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:31:21	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	172696	182778	181900	179125	3.12	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:35:27	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273122	274761	275688	274524	0.47	cps
Antimony	121-1	1342577	1345190	1343515	1343761	0.10	cps
Arsenic	75-2	58234	58943	59077	58751	0.77	cps
Barium	135-1	1678269	1677391	1672263	1675974	0.19	cps
Barium	137-1	2925585	2930907	2922999	2926497	0.14	cps
Beryllium	9-1	87887	88037	90217	88714	1.47	cps
Bismuth	209-1	6098700	6088472	6178531	6121901	0.81	cps
Bismuth	209-2	5009695	5100088	4809933	4973239	2.99	cps
Boron	10-1	10571	10237	11572	10793	6.43	cps
Boron	11-1	54348	54299	57887	55511	3.71	cps
Cadmium	111-1	328999	327048	327427	327825	0.32	cps
Cadmium	106-1	37350	36348	36665	36788	1.39	cps
Cadmium	108-1	22739	22781	23641	23054	2.21	cps
Calcium	43-1	270091	266883	265240	267405	0.92	cps
Calcium	44-1	4536622	4488621	4464555	4496599	0.82	cps
Chromium	52-2	482145	484818	484401	483788	0.30	cps
Cobalt	59-2	782254	791091	790425	787923	0.62	cps
Copper	63-2	1166977	1169346	1169491	1168604	0.12	cps
Dysprosium	156-1	33	8	50	31	68.64	cps
Dysprosium	156-2	30	17	20	22	31.22	cps
Erbium	164-1	8	42	42	31	62.99	cps
Erbium	164-2	20	7	37	21	71.19	cps
Gadolinium	160-1	92	92	67	83	17.32	cps
Gadolinium	160-2	147	83	100	110	29.84	cps
Holmium	165-1	9736915	9715352	9751639	9734635	0.19	cps
Holmium	165-2	6800056	6867437	6576384	6747959	2.26	cps
Indium	115-1	7200793	7158293	7181591	7180226	0.30	cps
Indium	115-2	2113671	2154657	2051199	2106509	2.47	cps
Iron	56-2	21027956	21099087	21264130	21130391	0.57	cps
Iron	57-2	517449	517806	522428	519227	0.53	cps
Lead	206-1	1094571	1121615	1116016	1110734	1.29	cps
Lead	207-1	974428	991329	987768	984508	0.90	cps
Lead	208-1	4436626	4491988	4486873	4471829	0.68	cps
Lithium	6-1	382735	383798	382316	382949	0.20	cps
Magnesium	24-2	3136038	3165465	3168955	3156819	0.57	cps
Manganese	55-2	577538	581769	587134	582147	0.83	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:35:27	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2501181	2508740	2499611	2503177	0.20	cps
Molybdenum	95-1	3078327	3088151	3079848	3082109	0.17	cps
Molybdenum	96-1	3430070	3430015	3432326	3430804	0.04	cps
Molybdenum	97-1	1920140	1907247	1928038	1918475	0.55	cps
Molybdenum	98-1	5055105	5019008	5033370	5035828	0.36	cps
Neodymium	150-1	93	80	100	91	11.18	cps
Neodymium	150-2	13	7	13	11	34.61	cps
Nickel	60-2	211746	213064	211212	212008	0.45	cps
Phosphorus	31-2	17085	16076	16335	16499	3.18	cps
Potassium	39-2	1826724	1841508	1846149	1838127	0.55	cps
Rhodium	103-1	6224146	6185206	6206477	6205276	0.31	cps
Rhodium	103-2	4115855	4174498	4014709	4101688	1.97	cps
Scandium	45-1	3045208	2978086	2984079	3002458	1.24	cps
Scandium	45-2	244162	246746	231272	240727	3.44	cps
Selenium	77-2	1397	1427	1467	1430	2.46	cps
Selenium	78-2	4719	4829	4716	4755	1.35	cps
Selenium	82-1	18544	18481	18590	18539	0.29	cps
Silicon	28-1	715181	719588	724212	719660	0.63	cps
Silver	109-1	1514622	1516178	1505119	1511973	0.40	cps
Silver	107-1	1584609	1570010	1572973	1575864	0.49	cps
Sodium	23-2	5969307	6019856	5999086	5996083	0.42	cps
Strontium	86-1	401971	399177	397876	399675	0.52	cps
Strontium	88-1	3566998	3570817	3554336	3564050	0.24	cps
Sulfur	34-1	295036	292911	291237	293062	0.65	cps
Terbium	159-1	9952985	9967626	9952686	9957766	0.09	cps
Terbium	159-2	6741065	6762907	6518029	6674000	2.03	cps
Thallium	203-1	1343561	1364835	1359554	1355983	0.82	cps
Thallium	205-1	3283006	3310658	3311422	3301695	0.49	cps
Tin	118-1	1093318	1097010	1095398	1095242	0.17	cps
Titanium	47-1	635590	627110	625997	629566	0.83	cps
Uranium	238-1	4555443	4593064	4604413	4584307	0.56	cps
Vanadium	51-2	386678	389133	393062	389625	0.83	cps
Yttrium	89-1	6923234	6881993	6911902	6905710	0.31	cps
Yttrium	89-2	1537942	1562225	1506240	1535469	1.83	cps
Zinc	66-2	163541	162971	163544	163352	0.20	cps
Zirconium	90-1	2063466	2050027	2061442	2058312	0.35	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:35:27	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	455393	454130	454641	454721	0.14	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:39:16	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	539791	539876	539988	539885	0.02	cps
Antimony	121-1	2640713	2659665	2661760	2654046	0.44	cps
Arsenic	75-2	115698	116073	116656	116142	0.42	cps
Barium	135-1	3315573	3344679	3334977	3331743	0.44	cps
Barium	137-1	5833666	5873049	5904699	5870471	0.61	cps
Beryllium	9-1	176857	176895	178982	177578	0.68	cps
Bismuth	209-1	6152111	6198487	6215880	6188826	0.53	cps
Bismuth	209-2	5017561	5024373	5079038	5040324	0.67	cps
Boron	10-1	22684	22659	22834	22726	0.42	cps
Boron	11-1	107926	111316	112224	110489	2.05	cps
Cadmium	111-1	632852	636552	637768	635724	0.40	cps
Cadmium	106-1	66047	68776	68282	67702	2.15	cps
Cadmium	108-1	44595	45816	44951	45121	1.39	cps
Calcium	43-1	521562	524243	517724	521176	0.63	cps
Calcium	44-1	8524474	8526270	8549438	8533394	0.16	cps
Chromium	52-2	943347	946333	954631	948104	0.62	cps
Cobalt	59-2	1537254	1548036	1558471	1547920	0.69	cps
Copper	63-2	2283986	2300339	2300315	2294880	0.41	cps
Dysprosium	156-1	50	67	108	75	40.06	cps
Dysprosium	156-2	23	13	40	26	52.73	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	33	20	17	23	37.78	cps
Gadolinium	160-1	67	125	58	83	43.59	cps
Gadolinium	160-2	120	90	103	104	14.39	cps
Holmium	165-1	9743747	9720706	9731608	9732020	0.12	cps
Holmium	165-2	6853435	6835757	6840029	6843074	0.13	cps
Indium	115-1	6987022	7024696	7064009	7025242	0.55	cps
Indium	115-2	2102493	2093924	2110323	2102247	0.39	cps
Iron	56-2	41326511	41219590	41500116	41348739	0.34	cps
Iron	57-2	1017602	1020404	1014764	1017590	0.28	cps
Lead	206-1	2219519	2261330	2248209	2243020	0.95	cps
Lead	207-1	1975997	1992099	1993611	1987236	0.49	cps
Lead	208-1	9013766	9113484	9093843	9073698	0.58	cps
Lithium	6-1	384440	385851	386840	385711	0.31	cps
Magnesium	24-2	6180263	6186877	6217677	6194939	0.32	cps
Manganese	55-2	1137546	1131885	1146431	1138621	0.64	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:39:16	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4947673	4977546	4971445	4965554	0.32	cps
Molybdenum	95-1	5982839	5955452	6000266	5979519	0.38	cps
Molybdenum	96-1	6687112	6664108	6698352	6683191	0.26	cps
Molybdenum	97-1	3751396	3766893	3799230	3772506	0.65	cps
Molybdenum	98-1	9687504	9725434	9802196	9738378	0.60	cps
Neodymium	150-1	107	113	193	138	35.00	cps
Neodymium	150-2	10	17	20	16	32.73	cps
Nickel	60-2	407654	411368	411182	410068	0.51	cps
Phosphorus	31-2	33706	32219	32386	32770	2.49	cps
Potassium	39-2	3607883	3602171	3626414	3612156	0.35	cps
Rhodium	103-1	6018646	6027340	6063957	6036647	0.40	cps
Rhodium	103-2	4090162	4077492	4086840	4084831	0.16	cps
Scandium	45-1	2925703	2917389	2930384	2924492	0.23	cps
Scandium	45-2	239722	241579	242896	241399	0.66	cps
Selenium	77-2	2814	2694	2804	2770	2.40	cps
Selenium	78-2	9181	9042	9033	9085	0.91	cps
Selenium	82-1	36213	36412	35730	36118	0.97	cps
Silicon	28-1	1252498	1265059	1270555	1262704	0.73	cps
Silver	109-1	2950327	2960608	2972995	2961310	0.38	cps
Silver	107-1	3044572	3075706	3087264	3069180	0.72	cps
Sodium	23-2	11814221	11842278	11868944	11841814	0.23	cps
Strontium	86-1	775227	778443	775658	776443	0.22	cps
Strontium	88-1	6821516	6936555	6862443	6873505	0.85	cps
Sulfur	34-1	411914	409310	408192	409805	0.47	cps
Terbium	159-1	9922221	9980218	10005179	9969206	0.43	cps
Terbium	159-2	6795284	6795094	6779828	6790069	0.13	cps
Thallium	203-1	2727932	2775835	2752175	2751981	0.87	cps
Thallium	205-1	6687155	6848874	6764846	6766958	1.20	cps
Tin	118-1	2148582	2175130	2169041	2164251	0.64	cps
Titanium	47-1	1225052	1221386	1226560	1224333	0.22	cps
Uranium	238-1	9106144	9169697	9203349	9159730	0.54	cps
Vanadium	51-2	760389	768561	772820	767257	0.82	cps
Yttrium	89-1	6782807	6768307	6784403	6778506	0.13	cps
Yttrium	89-2	1524467	1526606	1541166	1530746	0.59	cps
Zinc	66-2	318581	317852	321391	319275	0.59	cps
Zirconium	90-1	4044018	4061493	4063146	4056219	0.26	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:39:16	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	890911	890465	899823	893733	0.59	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:43:02	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1089392	1093848	1102618	1095286	0.61	cps
Antimony	121-1	5425863	5500725	5519711	5482100	0.91	cps
Arsenic	75-2	238874	240592	241793	240419	0.61	cps
Barium	135-1	6697728	6690194	6746871	6711597	0.46	cps
Barium	137-1	11631009	11701457	11642810	11658425	0.32	cps
Beryllium	9-1	345555	344496	341730	343927	0.57	cps
Bismuth	209-1	6156363	6121720	6025256	6101113	1.11	cps
Bismuth	209-2	4952939	4970952	4994497	4972796	0.42	cps
Boron	10-1	43162	44809	45779	44583	2.97	cps
Boron	11-1	218001	219189	221398	219529	0.79	cps
Cadmium	111-1	1264932	1282230	1282648	1276603	0.79	cps
Cadmium	106-1	131530	132716	129739	131328	1.14	cps
Cadmium	108-1	91011	91782	91170	91321	0.45	cps
Calcium	43-1	1058432	1061706	1069677	1063271	0.54	cps
Calcium	44-1	17391411	17457253	17462398	17437021	0.23	cps
Chromium	52-2	1949429	1955352	1967830	1957537	0.48	cps
Cobalt	59-2	3161662	3190486	3194540	3182229	0.56	cps
Copper	63-2	4642115	4701878	4712203	4685399	0.81	cps
Dysprosium	156-1	108	192	183	161	28.49	cps
Dysprosium	156-2	103	87	83	91	11.76	cps
Erbium	164-1	33	42	67	47	36.74	cps
Erbium	164-2	27	13	27	22	34.66	cps
Gadolinium	160-1	67	108	117	97	27.55	cps
Gadolinium	160-2	123	167	103	131	24.69	cps
Holmium	165-1	10038035	9960997	9900290	9966441	0.69	cps
Holmium	165-2	6988970	7021033	7052924	7020976	0.46	cps
Indium	115-1	7106032	7096470	6998219	7066907	0.84	cps
Indium	115-2	2135172	2144243	2159353	2146256	0.57	cps
Iron	56-2	84744155	85453182	85670546	85289295	0.57	cps
Iron	57-2	2076819	2101902	2107833	2095518	0.79	cps
Lead	206-1	4509732	4542501	4517352	4523195	0.38	cps
Lead	207-1	4002064	4022941	3995320	4006775	0.36	cps
Lead	208-1	18049507	18070438	17953392	18024446	0.35	cps
Lithium	6-1	381198	375431	372011	376213	1.23	cps
Magnesium	24-2	12418510	12510938	12534307	12487918	0.49	cps
Manganese	55-2	2351077	2364759	2387040	2367625	0.77	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:43:02	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9890559	9888296	9994542	9924466	0.61	cps
Molybdenum	95-1	12181645	12154199	12341532	12225792	0.83	cps
Molybdenum	96-1	13699540	13697504	13775079	13724041	0.32	cps
Molybdenum	97-1	7717484	7691476	7791928	7733629	0.67	cps
Molybdenum	98-1	19892298	20003643	20163557	20019832	0.68	cps
Neodymium	150-1	313	280	167	253	30.35	cps
Neodymium	150-2	40	13	40	31	49.50	cps
Nickel	60-2	832895	839378	837664	836646	0.40	cps
Phosphorus	31-2	65235	66248	68374	66619	2.41	cps
Potassium	39-2	7309610	7371063	7390690	7357121	0.57	cps
Rhodium	103-1	6044960	6080185	6041621	6055589	0.35	cps
Rhodium	103-2	4125233	4173879	4184638	4161250	0.76	cps
Scandium	45-1	2976924	2969247	2960561	2968911	0.28	cps
Scandium	45-2	249748	249093	252808	250549	0.79	cps
Selenium	77-2	5458	5648	5701	5602	2.28	cps
Selenium	78-2	18417	18838	18838	18698	1.30	cps
Selenium	82-1	71875	72428	73031	72445	0.80	cps
Silicon	28-1	2369071	2391739	2388709	2383173	0.52	cps
Silver	109-1	5952496	6002989	6008942	5988143	0.52	cps
Silver	107-1	6172799	6261147	6201227	6211724	0.73	cps
Sodium	23-2	23784188	23996099	24108279	23962856	0.69	cps
Strontium	86-1	1584082	1597399	1603626	1595036	0.63	cps
Strontium	88-1	14071423	14113606	14256995	14147341	0.69	cps
Sulfur	34-1	682167	688156	684394	684906	0.44	cps
Terbium	159-1	10190271	10203064	10145406	10179581	0.30	cps
Terbium	159-2	6915971	6973720	7009182	6966291	0.68	cps
Thallium	203-1	5613957	5613762	5612429	5613383	0.01	cps
Thallium	205-1	13107985	13219345	13212613	13179981	0.47	cps
Tin	118-1	4405608	4447500	4452490	4435199	0.58	cps
Titanium	47-1	2518121	2498352	2523583	2513352	0.53	cps
Uranium	238-1	18521396	18419393	18378414	18439734	0.40	cps
Vanadium	51-2	1584505	1590247	1599118	1591290	0.46	cps
Yttrium	89-1	6894145	6935576	6959790	6929837	0.48	cps
Yttrium	89-2	1590364	1599190	1606536	1598697	0.51	cps
Zinc	66-2	644890	645466	653404	647920	0.73	cps
Zirconium	90-1	8123054	8226681	8274743	8208160	0.94	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:43:02	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1804107	1831812	1837550	1824489	0.98	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:46:46	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2221017	2239498	2250432	2236982	0.66	cps
Antimony	121-1	10891184	10925655	10960187	10925676	0.32	cps
Arsenic	75-2	497509	496655	501924	498696	0.57	cps
Barium	135-1	13501861	13652946	13648928	13601245	0.63	cps
Barium	137-1	23469568	23827249	23749913	23682243	0.79	cps
Beryllium	9-1	651419	644257	639725	645133	0.91	cps
Bismuth	209-1	5962780	5887988	5968997	5939922	0.76	cps
Bismuth	209-2	4888114	4906344	4963921	4919460	0.80	cps
Boron	10-1	85550	85015	85516	85360	0.35	cps
Boron	11-1	420389	426650	423344	423461	0.74	cps
Cadmium	111-1	2547197	2559678	2585357	2564077	0.76	cps
Cadmium	106-1	259801	263323	262837	261987	0.73	cps
Cadmium	108-1	178394	182348	180732	180491	1.10	cps
Calcium	43-1	2197281	2193516	2206722	2199173	0.31	cps
Calcium	44-1	36105921	36196955	36182621	36161832	0.14	cps
Chromium	52-2	4013585	4052164	4040366	4035372	0.49	cps
Cobalt	59-2	6396706	6375361	6400554	6390874	0.21	cps
Copper	63-2	9332722	9307133	9395309	9345055	0.49	cps
Dysprosium	156-1	292	258	258	269	7.14	cps
Dysprosium	156-2	143	173	150	156	10.13	cps
Erbium	164-1	67	42	58	56	22.91	cps
Erbium	164-2	40	37	50	42	16.43	cps
Gadolinium	160-1	50	50	125	75	57.74	cps
Gadolinium	160-2	100	147	140	129	19.58	cps
Holmium	165-1	10022367	9975415	10068243	10022008	0.46	cps
Holmium	165-2	7095184	7102134	7177105	7124808	0.64	cps
Indium	115-1	7119825	7085103	7198518	7134482	0.81	cps
Indium	115-2	2141973	2166628	2176864	2161822	0.83	cps
Iron	56-2	173945187	174380382	175490243	174605271	0.46	cps
Iron	57-2	4323962	4327801	4374502	4342088	0.65	cps
Lead	206-1	8653933	8680544	8633595	8656024	0.27	cps
Lead	207-1	7782994	7706615	7796628	7762079	0.63	cps
Lead	208-1	35034653	34799454	34942731	34925613	0.34	cps
Lithium	6-1	357889	356607	356888	357128	0.19	cps
Magnesium	24-2	25130695	25303387	25597155	25343746	0.93	cps
Manganese	55-2	4875725	4896811	4937064	4903200	0.64	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:46:46	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	20330875	20394687	20476429	20400664	0.36	cps
Molybdenum	95-1	25149873	25185167	25283587	25206209	0.27	cps
Molybdenum	96-1	28202253	28275986	28276729	28251656	0.15	cps
Molybdenum	97-1	15777434	15932430	15821717	15843860	0.50	cps
Molybdenum	98-1	40896624	41049051	41000764	40982146	0.19	cps
Neodymium	150-1	487	520	500	502	3.34	cps
Neodymium	150-2	83	107	97	96	12.25	cps
Nickel	60-2	1668652	1675882	1680603	1675046	0.36	cps
Phosphorus	31-2	134754	135444	137352	135850	0.99	cps
Potassium	39-2	15136304	15277055	15314155	15242505	0.62	cps
Rhodium	103-1	6128526	6073975	6218641	6140381	1.19	cps
Rhodium	103-2	4186935	4206341	4238081	4210452	0.61	cps
Scandium	45-1	3105517	3089769	3117783	3104356	0.45	cps
Scandium	45-2	262616	264379	267153	264716	0.86	cps
Selenium	77-2	11408	11411	11588	11469	0.90	cps
Selenium	78-2	38070	38560	38965	38532	1.16	cps
Selenium	82-1	147215	146956	148266	147479	0.47	cps
Silicon	28-1	3956522	3955478	3974481	3962160	0.27	cps
Silver	109-1	11712435	11918198	11872109	11834247	0.91	cps
Silver	107-1	12334361	12450311	12464708	12416460	0.58	cps
Sodium	23-2	48399570	48848682	48912982	48720412	0.57	cps
Strontium	86-1	3272274	3278828	3324811	3291971	0.87	cps
Strontium	88-1	29184799	29315843	29267296	29255979	0.23	cps
Sulfur	34-1	1266631	1267091	1283524	1272415	0.76	cps
Terbium	159-1	10286463	10344956	10384867	10338762	0.48	cps
Terbium	159-2	7013784	7066761	7159535	7080027	1.04	cps
Thallium	203-1	10668663	10771037	10620537	10686746	0.72	cps
Thallium	205-1	25546865	25955588	25562477	25688310	0.90	cps
Tin	118-1	8902078	8993361	9017431	8970957	0.68	cps
Titanium	47-1	5157244	5181824	5170428	5169832	0.24	cps
Uranium	238-1	36379671	35968431	35811278	36053126	0.81	cps
Vanadium	51-2	3295728	3334786	3332456	3320990	0.66	cps
Yttrium	89-1	7231330	7237930	7279991	7249750	0.36	cps
Yttrium	89-2	1655889	1661553	1677996	1665146	0.69	cps
Zinc	66-2	1303685	1316612	1320252	1313516	0.66	cps
Zirconium	90-1	16882985	17021574	16998275	16967611	0.44	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:46:46	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3779513	3802726	3815975	3799405	0.49	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:50:31	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12140140	12329093	12406336	12291856	1.11	cps
Antimony	121-1	25140	24764	23554	24486	3.39	cps
Arsenic	75-2	283	237	250	257	9.30	cps
Barium	135-1	3692	3692	3492	3626	3.19	cps
Barium	137-1	6785	6602	6202	6530	4.57	cps
Beryllium	9-1	83	83	44	70	31.90	cps
Bismuth	209-1	4869620	4871563	4769820	4837001	1.20	cps
Bismuth	209-2	4168879	4092231	4197360	4152823	1.31	cps
Boron	10-1	1125	1233	917	1092	14.74	cps
Boron	11-1	5726	5251	4709	5229	9.73	cps
Cadmium	111-1	3549	3762	3605	3639	3.02	cps
Cadmium	106-1	4734	5126	4759	4873	4.50	cps
Cadmium	108-1	63	50	38	50	25.00	cps
Calcium	43-1	11326594	11569395	11686332	11527440	1.59	cps
Calcium	44-1	187240421	190986138	193511275	190579278	1.66	cps
Chromium	52-2	100070	100413	99365	99949	0.53	cps
Cobalt	59-2	9033	9023	8839	8965	1.21	cps
Copper	63-2	15035	14851	14891	14926	0.65	cps
Dysprosium	156-1	75	75	133	94	35.66	cps
Dysprosium	156-2	47	67	57	57	17.65	cps
Erbium	164-1	58	50	50	53	9.12	cps
Erbium	164-2	43	40	40	41	4.68	cps
Gadolinium	160-1	125	158	67	117	39.77	cps
Gadolinium	160-2	173	143	170	162	10.13	cps
Holmium	165-1	9026792	8999175	8848780	8958249	1.07	cps
Holmium	165-2	6741825	6564343	6790644	6698937	1.78	cps
Indium	115-1	6635871	6748007	6611466	6665115	1.09	cps
Indium	115-2	2179395	2130387	2227598	2179126	2.23	cps
Iron	56-2	892186531	907706198	908739465	902877398	1.03	cps
Iron	57-2	21927938	22292350	22351719	22190669	1.03	cps
Lead	206-1	18419	18463	18942	18608	1.56	cps
Lead	207-1	15860	15999	15526	15795	1.54	cps
Lead	208-1	73738	73732	72941	73470	0.62	cps
Lithium	6-1	310809	315767	317667	314748	1.12	cps
Magnesium	24-2	131341049	133157670	133680974	132726564	0.93	cps
Manganese	55-2	17898	18378	18983	18420	2.95	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:50:31	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	17678	18062	17503	17748	1.61	cps
Molybdenum	95-1	28905	28338	26826	28023	3.84	cps
Molybdenum	96-1	38478	38094	38353	38308	0.51	cps
Molybdenum	97-1	17011	17295	17036	17114	0.92	cps
Molybdenum	98-1	44830	44513	44337	44560	0.56	cps
Neodymium	150-1	100	87	73	87	15.38	cps
Neodymium	150-2	53	100	93	82	30.70	cps
Nickel	60-2	25032	25018	25796	25282	1.76	cps
Phosphorus	31-2	350	308	300	319	8.39	cps
Potassium	39-2	84074975	85453912	86067094	85198660	1.20	cps
Rhodium	103-1	5543258	5570135	5518620	5544004	0.46	cps
Rhodium	103-2	3876120	3807976	3947255	3877117	1.80	cps
Scandium	45-1	3156426	3206641	3201337	3188134	0.87	cps
Scandium	45-2	279322	275739	285086	280049	1.68	cps
Selenium	77-2	10	13	7	10	33.30	cps
Selenium	78-2	180	159	139	159	12.79	cps
Selenium	82-1	176	232	274	227	21.61	cps
Silicon	28-1	386057	399746	399212	395005	1.96	cps
Silver	109-1	908	967	1017	964	5.63	cps
Silver	107-1	958	1008	950	972	3.25	cps
Sodium	23-2	254822564	258578706	259086006	257495759	0.90	cps
Strontium	86-1	108021	108886	109062	108656	0.51	cps
Strontium	88-1	960335	958423	973303	964020	0.84	cps
Sulfur	34-1	122368	125130	129474	125657	2.85	cps
Terbium	159-1	9196031	9319473	9203322	9239608	0.75	cps
Terbium	159-2	6703834	6578996	6786687	6689839	1.56	cps
Thallium	203-1	3126	3034	2817	2992	5.29	cps
Thallium	205-1	6769	6660	7027	6819	2.76	cps
Tin	118-1	14016	14191	12890	13699	5.15	cps
Titanium	47-1	1500	1717	1792	1670	9.07	cps
Uranium	238-1	3251	3201	3000	3151	4.20	cps
Vanadium	51-2	840	807	913	853	6.40	cps
Yttrium	89-1	6960084	7078771	7005674	7014843	0.85	cps
Yttrium	89-2	1716952	1687420	1746197	1716856	1.71	cps
Zinc	66-2	5008	4948	4958	4971	0.65	cps
Zirconium	90-1	5718	5710	5301	5576	4.27	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 11:50:31	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1233	1200	1275	1236	3.04	cps

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 12:13:45 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60591	63026	65679	63098	4.03	cps
Antimony	121-1	1958579	1974079	1987333	1973331	0.73	cps
Arsenic	75-2	103319	102746	103707	103257	0.47	cps
Barium	135-1	247757	247850	250880	248829	0.71	cps
Barium	137-1	427307	430274	425789	427790	0.53	cps
Beryllium	9-1	58396	59590	57409	58465	1.87	cps
Bismuth	209-1	5460951	5522186	5510776	5497971	0.59	cps
Bismuth	209-2	5111989	5020039	5073268	5068432	0.91	cps
Boron	10-1	44550	45010	46355	45305	2.07	cps
Boron	11-1	225365	230313	230076	228585	1.22	cps
Cadmium	111-1	254967	261324	257375	257889	1.24	cps
Cadmium	106-1	43785	44605	44254	44215	0.93	cps
Cadmium	108-1	22873	23044	23203	23040	0.72	cps
Calcium	43-1	50747	50780	50780	50769	0.04	cps
Calcium	44-1	801120	805605	813970	806898	0.81	cps
Chromium	52-2	410210	410590	417164	412655	0.95	cps
Cobalt	59-2	675566	675500	682769	677945	0.62	cps
Copper	63-2	492368	495239	497270	494959	0.50	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	7	13	0	7	99.98	cps
Erbium	164-1	75	100	50	75	33.34	cps
Erbium	164-2	47	73	90	70	31.22	cps
Gadolinium	160-1	92	83	42	72	37.09	cps
Gadolinium	160-2	123	123	120	122	1.58	cps
Holmium	165-1	9295090	9242532	9419946	9319189	0.98	cps
Holmium	165-2	7247019	7187910	7210710	7215213	0.41	cps
Indium	115-1	7398392	7438037	7471639	7436023	0.49	cps
Indium	115-2	2477916	2432406	2463497	2457940	0.95	cps
Iron	56-2	3690158	3680572	3694899	3688543	0.20	cps
Iron	57-2	91193	90903	90623	90906	0.31	cps
Lead	206-1	1481486	1526877	1515395	1507919	1.57	cps
Lead	207-1	1253166	1289719	1292506	1278464	1.72	cps
Lead	208-1	5837642	5990241	5978179	5935354	1.43	cps
Lithium	6-1	328295	331129	331728	330384	0.56	cps
Magnesium	24-2	312303	309974	315898	312725	0.95	cps
Manganese	55-2	255443	256057	259581	257027	0.87	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:13:45	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4954707	4967102	4990782	4970864	0.37	cps
Molybdenum	95-1	2705570	2682333	2737826	2708576	1.03	cps
Molybdenum	96-1	3445710	3449149	3504797	3466552	0.96	cps
Molybdenum	97-1	1668989	1692082	1691770	1684280	0.79	cps
Molybdenum	98-1	4393540	4430825	4434188	4419518	0.51	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	180912	181687	183013	181870	0.58	cps
Phosphorus	31-2	317	192	275	261	24.37	cps
Potassium	39-2	682557	681908	691663	685376	0.80	cps
Rhodium	103-1	6673032	6725923	6720956	6706637	0.44	cps
Rhodium	103-2	4759629	4705306	4756554	4740496	0.64	cps
Scandium	45-1	3382862	3427160	3439388	3416470	0.87	cps
Scandium	45-2	303004	298801	301525	301110	0.71	cps
Selenium	77-2	2450	2527	2630	2536	3.56	cps
Selenium	78-2	8471	8551	8632	8551	0.94	cps
Selenium	82-1	30306	30272	29931	30170	0.69	cps
Silicon	28-1	2193195	2201603	2197779	2197526	0.19	cps
Silver	109-1	1154396	1172033	1168344	1164924	0.80	cps
Silver	107-1	1209224	1217425	1221859	1216169	0.53	cps
Sodium	23-2	993507	991904	999842	995084	0.42	cps
Strontium	86-1	1762042	1788543	1777090	1775891	0.75	cps
Strontium	88-1	15693802	15896412	15781962	15790725	0.64	cps
Sulfur	34-1	131861	128131	127795	129262	1.75	cps
Terbium	159-1	9601304	9737472	9775153	9704643	0.94	cps
Terbium	159-2	7329581	7207618	7211603	7249601	0.96	cps
Thallium	203-1	1884967	1864385	1889551	1879634	0.71	cps
Thallium	205-1	4474896	4567397	4595855	4546050	1.39	cps
Tin	118-1	4668118	4689272	4723978	4693789	0.60	cps
Titanium	47-1	591776	591139	599281	594066	0.76	cps
Uranium	238-1	16893085	16678769	16663375	16745076	0.77	cps
Vanadium	51-2	332940	335496	340044	336160	1.07	cps
Yttrium	89-1	7537508	7622079	7560926	7573505	0.58	cps
Yttrium	89-2	1874649	1851671	1862653	1862991	0.62	cps
Zinc	66-2	141578	141377	143133	142029	0.68	cps
Zirconium	90-1	9147026	9188792	9184355	9173391	0.25	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:13:45	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2019357	2026703	2042191	2029417	0.57	cps

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 12:20:08 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	42	17	42	60.00	cps
Antimony	121-1	2359	2400	2434	2398	1.57	cps
Arsenic	75-2	35	22	28	28	22.91	cps
Barium	135-1	8	33	75	39	86.60	cps
Barium	137-1	83	25	33	47	66.81	cps
Beryllium	9-1	28	22	28	26	12.38	cps
Bismuth	209-1	5445518	5465000	5302266	5404261	1.64	cps
Bismuth	209-2	4852337	4836349	5058004	4915563	2.51	cps
Boron	10-1	275	350	267	297	15.44	cps
Boron	11-1	1442	1517	1467	1475	2.59	cps
Cadmium	111-1	3459	3393	3341	3398	1.74	cps
Cadmium	106-1	4934	4834	4759	4843	1.81	cps
Cadmium	108-1	17	29	4	17	74.99	cps
Calcium	43-1	392	317	358	356	10.57	cps
Calcium	44-1	20866	20365	20156	20462	1.78	cps
Chromium	52-2	2534	2370	2407	2437	3.52	cps
Cobalt	59-2	293	277	290	287	3.08	cps
Copper	63-2	1370	1283	1293	1316	3.60	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	67	8	31	103.26	cps
Erbium	164-2	23	17	13	18	28.64	cps
Gadolinium	160-1	33	42	75	50	44.10	cps
Gadolinium	160-2	123	147	103	124	17.43	cps
Holmium	165-1	9171325	9253868	9031489	9152227	1.23	cps
Holmium	165-2	6977105	7034969	7229907	7080661	1.87	cps
Indium	115-1	7565574	7556280	7348064	7489973	1.64	cps
Indium	115-2	2441393	2426946	2522271	2463537	2.09	cps
Iron	56-2	5701	5568	5807	5692	2.10	cps
Iron	57-2	356	378	328	354	7.08	cps
Lead	206-1	528	594	700	607	14.30	cps
Lead	207-1	483	494	550	509	7.01	cps
Lead	208-1	2189	2133	2406	2243	6.41	cps
Lithium	6-1	333382	333191	318671	328414	2.57	cps
Magnesium	24-2	158	267	217	214	25.35	cps
Manganese	55-2	67	60	47	58	17.62	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:20:08	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	792	808	883	828	5.90	cps
Molybdenum	95-1	667	775	717	719	7.54	cps
Molybdenum	96-1	1025	833	917	925	10.39	cps
Molybdenum	97-1	467	392	442	433	8.81	cps
Molybdenum	98-1	1442	1217	1225	1295	9.85	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	97	100	77	91	13.85	cps
Phosphorus	31-2	175	225	208	203	12.55	cps
Potassium	39-2	31192	30641	30749	30861	0.95	cps
Rhodium	103-1	6805748	6760796	6592117	6719553	1.68	cps
Rhodium	103-2	4662045	4597781	4780436	4680087	1.98	cps
Scandium	45-1	3406272	3378231	3270893	3351799	2.13	cps
Scandium	45-2	292309	289085	303672	295022	2.60	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	165	148	130	148	11.93	cps
Selenium	82-1	73	41	174	96	72.65	cps
Silicon	28-1	175307	173563	176200	175023	0.77	cps
Silver	109-1	183	150	108	147	25.52	cps
Silver	107-1	200	225	200	208	6.93	cps
Sodium	23-2	17419	17044	17035	17166	1.28	cps
Strontium	86-1	917	750	867	845	10.13	cps
Strontium	88-1	175	133	125	144	18.54	cps
Sulfur	34-1	131997	132442	134317	132919	0.93	cps
Terbium	159-1	9596028	9634923	9342220	9524390	1.67	cps
Terbium	159-2	7105253	7048987	7226808	7127016	1.28	cps
Thallium	203-1	25	100	67	64	58.82	cps
Thallium	205-1	208	192	183	194	6.55	cps
Tin	118-1	2267	2809	2525	2534	10.70	cps
Titanium	47-1	133	58	117	103	38.31	cps
Uranium	238-1	325	325	300	317	4.56	cps
Vanadium	51-2	67	20	40	42	55.45	cps
Yttrium	89-1	7575859	7590528	7402583	7522990	1.39	cps
Yttrium	89-2	1824888	1802050	1890222	1839054	2.49	cps
Zinc	66-2	170	157	180	169	6.93	cps
Zirconium	90-1	1225	1283	1450	1320	8.85	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:20:08	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	217	192	225	16.97	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:23:42	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11327735	11368177	11403799	11366570	0.33	cps
Antimony	121-1	22135	22911	23287	22778	2.58	cps
Arsenic	75-2	163	215	200	193	13.87	cps
Barium	135-1	4067	3867	3993	3976	2.54	cps
Barium	137-1	7127	6569	6385	6694	5.77	cps
Beryllium	9-1	172	222	211	202	13.01	cps
Bismuth	209-1	5413318	5335717	5533022	5427352	1.83	cps
Bismuth	209-2	4738840	4758814	4649604	4715753	1.23	cps
Boron	10-1	350	350	300	333	8.66	cps
Boron	11-1	1775	1684	1750	1736	2.73	cps
Cadmium	111-1	4039	4149	4075	4087	1.37	cps
Cadmium	106-1	4784	5001	4926	4904	2.24	cps
Cadmium	108-1	1396	1396	1296	1363	4.24	cps
Calcium	43-1	2297667	2300192	2314346	2304068	0.39	cps
Calcium	44-1	38033451	37861626	37951750	37948942	0.23	cps
Chromium	52-2	85399	86941	86921	86420	1.02	cps
Cobalt	59-2	8082	8146	8062	8097	0.54	cps
Copper	63-2	40205	39888	40747	40280	1.08	cps
Dysprosium	156-1	42	42	67	50	28.87	cps
Dysprosium	156-2	33	37	50	40	22.05	cps
Erbium	164-1	33	75	33	47	50.94	cps
Erbium	164-2	40	80	40	53	43.30	cps
Gadolinium	160-1	117	150	142	136	12.75	cps
Gadolinium	160-2	147	117	140	134	11.72	cps
Holmium	165-1	9586924	9479834	9828051	9631603	1.85	cps
Holmium	165-2	7243191	7166433	7121795	7177140	0.86	cps
Indium	115-1	7400288	7302916	7581314	7428173	1.90	cps
Indium	115-2	2365042	2374778	2368402	2369407	0.21	cps
Iron	56-2	368495353	370369908	370441819	369769027	0.30	cps
Iron	57-2	9065498	9143153	9103469	9104040	0.43	cps
Lead	206-1	38412	39470	39108	38997	1.38	cps
Lead	207-1	29628	30174	29745	29849	0.96	cps
Lead	208-1	143415	145164	143736	144105	0.65	cps
Lithium	6-1	331979	328985	336391	332452	1.12	cps
Magnesium	24-2	26653048	26673859	26717078	26681329	0.12	cps
Manganese	55-2	20494	20484	20962	20647	1.32	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:23:42	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5574224	5630166	5655239	5619876	0.74	cps
Molybdenum	95-1	9739834	9861338	9849270	9816814	0.68	cps
Molybdenum	96-1	10561925	10583249	10658694	10601289	0.48	cps
Molybdenum	97-1	6172380	6169983	6182049	6174804	0.10	cps
Molybdenum	98-1	16015234	15950515	15972728	15979492	0.21	cps
Neodymium	150-1	67	40	33	47	37.80	cps
Neodymium	150-2	27	33	33	31	12.36	cps
Nickel	60-2	9883	9610	9477	9657	2.15	cps
Phosphorus	31-2	723244	731508	729709	728154	0.60	cps
Potassium	39-2	33379986	33538330	33580264	33499527	0.32	cps
Rhodium	103-1	6303982	6193060	6329026	6275356	1.15	cps
Rhodium	103-2	4375583	4378655	4382047	4378761	0.07	cps
Scandium	45-1	3327791	3241245	3325309	3298115	1.49	cps
Scandium	45-2	291878	290598	287222	289899	0.83	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	178	157	152	162	8.41	cps
Selenium	82-1	90	151	113	118	26.45	cps
Silicon	28-1	242022	246459	241654	243378	1.10	cps
Silver	109-1	3142	3184	2850	3059	5.94	cps
Silver	107-1	3301	3092	3050	3148	4.26	cps
Sodium	23-2	51620547	51358139	51675939	51551541	0.33	cps
Strontium	86-1	113285	112766	113748	113267	0.43	cps
Strontium	88-1	995492	1009235	997336	1000688	0.75	cps
Sulfur	34-1	3091178	3102990	3124914	3106361	0.55	cps
Terbium	159-1	9771717	9807349	9943354	9840807	0.92	cps
Terbium	159-2	7171163	7191512	7156134	7172936	0.25	cps
Thallium	203-1	1250	1317	1058	1208	11.10	cps
Thallium	205-1	3067	3092	3009	3056	1.40	cps
Tin	118-1	3501	3251	3709	3487	6.58	cps
Titanium	47-1	2145268	2120934	2121030	2129077	0.66	cps
Uranium	238-1	800	875	842	839	4.48	cps
Vanadium	51-2	490	617	517	541	12.34	cps
Yttrium	89-1	7522595	7455092	7547690	7508459	0.64	cps
Yttrium	89-2	1797031	1796287	1795100	1796139	0.05	cps
Zinc	66-2	8316	8096	8066	8159	1.67	cps
Zirconium	90-1	7052	5910	5109	6024	16.21	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:23:42	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1425	1150	1208	1261	11.49	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:27:16	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11554234	11608089	11674442	11612255	0.52	cps
Antimony	121-1	228203	231397	235859	231819	1.66	cps
Arsenic	75-2	10643	10965	10904	10837	1.58	cps
Barium	135-1	57972	57788	57294	57684	0.61	cps
Barium	137-1	98624	101286	100874	100261	1.43	cps
Beryllium	9-1	12917	12311	12694	12641	2.43	cps
Bismuth	209-1	5344651	5301481	5418077	5354736	1.10	cps
Bismuth	209-2	4625936	4567405	4605780	4599707	0.65	cps
Boron	10-1	5076	4751	4793	4873	3.63	cps
Boron	11-1	24470	25138	24120	24576	2.10	cps
Cadmium	111-1	54883	55724	55178	55262	0.77	cps
Cadmium	106-1	11272	11205	11096	11191	0.79	cps
Cadmium	108-1	5234	5389	5272	5298	1.52	cps
Calcium	43-1	2338083	2367945	2346944	2350991	0.65	cps
Calcium	44-1	38504135	38805823	38733365	38681108	0.41	cps
Chromium	52-2	174074	175811	175723	175203	0.56	cps
Cobalt	59-2	146702	148609	149957	148423	1.10	cps
Copper	63-2	140759	140964	143001	141575	0.88	cps
Dysprosium	156-1	33	33	58	42	34.65	cps
Dysprosium	156-2	47	40	27	38	26.95	cps
Erbium	164-1	83	42	67	64	32.83	cps
Erbium	164-2	50	57	47	51	9.96	cps
Gadolinium	160-1	100	100	92	97	4.95	cps
Gadolinium	160-2	93	133	167	131	28.00	cps
Holmium	165-1	9552859	9546928	9599522	9566436	0.30	cps
Holmium	165-2	7059648	7089255	7066647	7071850	0.22	cps
Indium	115-1	7404686	7492418	7422445	7439850	0.62	cps
Indium	115-2	2343400	2333942	2354999	2344114	0.45	cps
Iron	56-2	375157120	378135653	382257309	378516694	0.94	cps
Iron	57-2	9266575	9290550	9390001	9315708	0.70	cps
Lead	206-1	198861	204938	201207	201669	1.52	cps
Lead	207-1	163468	166606	161875	163983	1.47	cps
Lead	208-1	763372	773879	763270	766840	0.79	cps
Lithium	6-1	329784	326971	323616	326790	0.94	cps
Magnesium	24-2	27304071	27450622	27548545	27434413	0.45	cps
Manganese	55-2	74173	73790	75144	74369	0.94	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:27:16	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6118546	6120728	6143172	6127482	0.22	cps
Molybdenum	95-1	10225932	10296828	10231549	10251437	0.38	cps
Molybdenum	96-1	11042365	11182619	11117141	11114041	0.63	cps
Molybdenum	97-1	6438352	6476380	6425976	6446903	0.41	cps
Molybdenum	98-1	16663660	16640454	16690827	16664980	0.15	cps
Neodymium	150-1	87	80	27	64	51.03	cps
Neodymium	150-2	27	13	20	20	33.35	cps
Nickel	60-2	45226	46470	46648	46115	1.68	cps
Phosphorus	31-2	737505	751133	743033	743890	0.92	cps
Potassium	39-2	34202712	34519946	34611256	34444638	0.62	cps
Rhodium	103-1	6248603	6276790	6260656	6262017	0.23	cps
Rhodium	103-2	4352012	4334855	4354080	4346983	0.24	cps
Scandium	45-1	3278080	3346237	3318733	3314350	1.03	cps
Scandium	45-2	293996	290339	294247	292861	0.75	cps
Selenium	77-2	240	257	223	240	6.94	cps
Selenium	78-2	944	1000	1011	985	3.63	cps
Selenium	82-1	3116	3268	3187	3190	2.37	cps
Silicon	28-1	458888	459044	456545	458159	0.31	cps
Silver	109-1	230570	228426	228851	229282	0.50	cps
Silver	107-1	239914	236333	239189	238479	0.79	cps
Sodium	23-2	52668746	53160496	52834042	52887761	0.47	cps
Strontium	86-1	300393	302757	300519	301223	0.44	cps
Strontium	88-1	2640104	2693512	2691632	2675083	1.13	cps
Sulfur	34-1	3143608	3145134	3148720	3145821	0.08	cps
Terbium	159-1	9810662	9891279	9879300	9860413	0.44	cps
Terbium	159-2	7052886	7073578	7084145	7070203	0.22	cps
Thallium	203-1	199969	196762	202921	199884	1.54	cps
Thallium	205-1	475573	475826	489452	480284	1.65	cps
Tin	118-1	481276	479268	488849	483131	1.05	cps
Titanium	47-1	2202502	2245801	2232179	2226827	0.99	cps
Uranium	238-1	1732571	1725492	1733651	1730571	0.26	cps
Vanadium	51-2	71308	71616	72638	71854	0.97	cps
Yttrium	89-1	7481486	7592467	7568516	7547490	0.77	cps
Yttrium	89-2	1780041	1791588	1776927	1782852	0.43	cps
Zinc	66-2	22568	22344	22377	22430	0.54	cps
Zirconium	90-1	945360	964794	958684	956279	1.04	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:27:16	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	210940	211592	212328	211620	0.33	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P7
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:30:51	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6132247	6230323	6252401	6204990	1.03	cps
Antimony	121-1	5326961	5360734	5410658	5366117	0.78	cps
Arsenic	75-2	258773	262396	261427	260865	0.72	cps
Barium	135-1	6598157	6631314	6686028	6638499	0.67	cps
Barium	137-1	11450193	11549927	11554359	11518160	0.51	cps
Beryllium	9-1	302472	305853	307500	305275	0.84	cps
Bismuth	209-1	5130994	5066055	5210865	5135972	1.41	cps
Bismuth	209-2	4487469	4572802	4562746	4541005	1.03	cps
Boron	10-1	39711	40254	41851	40605	2.74	cps
Boron	11-1	197399	203941	209981	203774	3.09	cps
Cadmium	111-1	1228397	1239390	1240067	1235951	0.53	cps
Cadmium	106-1	129698	128032	128756	128828	0.65	cps
Cadmium	108-1	88089	87904	89225	88406	0.81	cps
Calcium	43-1	5830906	5855317	5891251	5859158	0.52	cps
Calcium	44-1	95733077	96619735	97049188	96467333	0.70	cps
Chromium	52-2	2161336	2178480	2179281	2173032	0.47	cps
Cobalt	59-2	3343809	3366279	3363742	3357943	0.37	cps
Copper	63-2	4748038	4770623	4779085	4765915	0.34	cps
Dysprosium	156-1	142	167	150	153	8.33	cps
Dysprosium	156-2	57	67	77	67	15.00	cps
Erbium	164-1	25	42	67	44	47.19	cps
Erbium	164-2	10	33	27	23	51.50	cps
Gadolinium	160-1	158	75	142	125	35.28	cps
Gadolinium	160-2	127	93	117	112	15.24	cps
Holmium	165-1	9428504	9317994	9478079	9408193	0.87	cps
Holmium	165-2	7076839	7138898	7062422	7092720	0.57	cps
Indium	115-1	7103725	7019716	7179754	7101065	1.13	cps
Indium	115-2	2227330	2293045	2255940	2258771	1.46	cps
Iron	56-2	455373266	457580421	458098110	457017266	0.32	cps
Iron	57-2	11242937	11307901	11272529	11274456	0.29	cps
Lead	206-1	3848020	3881765	3915407	3881731	0.87	cps
Lead	207-1	3422305	3428114	3456401	3435607	0.53	cps
Lead	208-1	15414304	15518259	15602815	15511792	0.61	cps
Lithium	6-1	320218	316665	325049	320644	1.31	cps
Magnesium	24-2	67695568	68365472	68330052	68130364	0.55	cps
Manganese	55-2	2618740	2634821	2647913	2633824	0.55	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P7
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:30:51	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10403915	10495896	10504233	10468014	0.53	cps
Molybdenum	95-1	12772454	12893172	12851982	12839203	0.48	cps
Molybdenum	96-1	14227782	14397375	14384357	14336505	0.66	cps
Molybdenum	97-1	7989822	8059673	8079761	8043086	0.59	cps
Molybdenum	98-1	20676733	20779068	20911944	20789248	0.57	cps
Neodymium	150-1	240	320	360	307	19.92	cps
Neodymium	150-2	87	77	43	69	32.94	cps
Nickel	60-2	866768	876470	872646	871961	0.56	cps
Phosphorus	31-2	73172	73255	75391	73939	1.70	cps
Potassium	39-2	42687597	42971145	43325295	42994679	0.74	cps
Rhodium	103-1	6027655	5882166	6020884	5976902	1.37	cps
Rhodium	103-2	4158198	4236854	4182100	4192384	0.96	cps
Scandium	45-1	3282733	3240677	3330287	3284566	1.36	cps
Scandium	45-2	287648	290015	288757	288807	0.41	cps
Selenium	77-2	6291	5828	5931	6017	4.04	cps
Selenium	78-2	20429	20507	20511	20482	0.22	cps
Selenium	82-1	73712	74537	74587	74279	0.66	cps
Silicon	28-1	2307770	2370859	2384458	2354362	1.74	cps
Silver	109-1	5752724	5780740	5734340	5755935	0.41	cps
Silver	107-1	5986670	5979535	6042280	6002829	0.57	cps
Sodium	23-2	130995470	132144615	131756032	131632039	0.44	cps
Strontium	86-1	1748337	1732445	1755743	1745508	0.68	cps
Strontium	88-1	15592381	15536521	15537406	15555436	0.21	cps
Sulfur	34-1	735414	733529	739513	736152	0.42	cps
Terbium	159-1	9743010	9629454	9807435	9726633	0.93	cps
Terbium	159-2	7031791	7098376	7045060	7058409	0.50	cps
Thallium	203-1	4808365	4847351	4839590	4831769	0.43	cps
Thallium	205-1	11475496	11540732	11585890	11534039	0.48	cps
Tin	118-1	4376402	4356875	4392554	4375277	0.41	cps
Titanium	47-1	2724303	2724285	2767286	2738625	0.91	cps
Uranium	238-1	15910039	15913070	16156078	15993062	0.88	cps
Vanadium	51-2	1764582	1780961	1784781	1776775	0.60	cps
Yttrium	89-1	7457062	7332033	7468205	7419100	1.02	cps
Yttrium	89-2	1746071	1778131	1779166	1767789	1.06	cps
Zinc	66-2	672363	671438	675284	673028	0.30	cps
Zirconium	90-1	8752604	8796588	8752428	8767207	0.29	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV047	Instrumnet Name :	P7
Client Sample ID :	CCV047	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:30:51	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1922124	1947378	1948742	1939415	0.77	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB047	Instrumnet Name :	P7
Client Sample ID :	CCB047	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:34:28	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	333	267	278	18.33	cps
Antimony	121-1	13557	13290	13374	13407	1.02	cps
Arsenic	75-2	54	56	59	56	5.04	cps
Barium	135-1	167	208	142	172	19.56	cps
Barium	137-1	350	208	167	242	39.77	cps
Beryllium	9-1	50	22	28	33	44.10	cps
Bismuth	209-1	5762762	5761607	5686877	5737082	0.76	cps
Bismuth	209-2	4903968	4968335	4916763	4929689	0.69	cps
Boron	10-1	675	667	550	631	11.08	cps
Boron	11-1	2917	2567	2284	2589	12.25	cps
Cadmium	111-1	3651	3587	3683	3641	1.34	cps
Cadmium	106-1	5184	5118	5243	5182	1.21	cps
Cadmium	108-1	17	17	17	17	0.00	cps
Calcium	43-1	425	467	350	414	14.29	cps
Calcium	44-1	21692	21266	22443	21800	2.73	cps
Chromium	52-2	2444	2504	2500	2482	1.36	cps
Cobalt	59-2	190	190	200	193	2.99	cps
Copper	63-2	1817	1617	1697	1710	5.89	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	92	83	100	92	9.09	cps
Gadolinium	160-2	103	67	117	96	27.10	cps
Holmium	165-1	9644009	9625430	9457648	9575696	1.07	cps
Holmium	165-2	7123477	7080394	7083927	7095933	0.34	cps
Indium	115-1	7711740	7654454	7611043	7659079	0.66	cps
Indium	115-2	2419798	2417533	2432020	2423117	0.32	cps
Iron	56-2	37131	33511	31974	34205	7.74	cps
Iron	57-2	1078	922	933	978	8.88	cps
Lead	206-1	1984	1811	1795	1863	5.61	cps
Lead	207-1	1906	1806	1745	1819	4.47	cps
Lead	208-1	7862	7757	7207	7608	4.63	cps
Lithium	6-1	341183	337193	336952	338443	0.70	cps
Magnesium	24-2	317	342	250	303	15.65	cps
Manganese	55-2	73	50	77	67	21.80	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB047	Instrumnet Name :	P7
Client Sample ID :	CCB047	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:34:28	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4326	3826	3484	3878	10.92	cps
Molybdenum	95-1	6052	5026	4968	5348	11.40	cps
Molybdenum	96-1	5968	6243	5335	5849	7.97	cps
Molybdenum	97-1	3701	3392	3376	3489	5.25	cps
Molybdenum	98-1	10187	8511	7777	8825	14.00	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	80	47	57	61	27.99	cps
Phosphorus	31-2	225	317	275	272	16.86	cps
Potassium	39-2	37499	37691	36412	37200	1.85	cps
Rhodium	103-1	6798884	6783633	6762269	6781595	0.27	cps
Rhodium	103-2	4625467	4627801	4645115	4632794	0.23	cps
Scandium	45-1	3374137	3365710	3333870	3357905	0.63	cps
Scandium	45-2	289787	292794	293110	291897	0.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	146	150	185	160	13.37	cps
Selenium	82-1	-8	30	36	19	123.45	cps
Silicon	28-1	176210	175055	173461	174909	0.79	cps
Silver	109-1	350	383	308	347	10.82	cps
Silver	107-1	517	350	383	417	21.17	cps
Sodium	23-2	33121	31693	32127	32313	2.27	cps
Strontium	86-1	858	1000	958	939	7.75	cps
Strontium	88-1	458	492	342	431	18.29	cps
Sulfur	34-1	122602	121542	124585	122909	1.26	cps
Terbium	159-1	9949851	9893561	9776124	9873179	0.90	cps
Terbium	159-2	7142129	7116581	7121627	7126779	0.19	cps
Thallium	203-1	758	842	567	722	19.53	cps
Thallium	205-1	1900	1759	1575	1745	9.34	cps
Tin	118-1	3567	3192	3009	3256	8.74	cps
Titanium	47-1	167	233	58	153	57.81	cps
Uranium	238-1	550	492	250	431	36.94	cps
Vanadium	51-2	17	23	17	19	20.36	cps
Yttrium	89-1	7650241	7654100	7584683	7629675	0.51	cps
Yttrium	89-2	1806167	1806678	1814554	1809133	0.26	cps
Zinc	66-2	180	233	287	233	22.86	cps
Zirconium	90-1	1959	1750	1892	1867	5.70	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB047	Instrumnet Name :	P7
Client Sample ID :	CCB047	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:34:28	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	508	475	425	469	8.93	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:38:01	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2475	2359	2325	2386	3.30	cps
Antimony	121-1	21776	22310	22611	22232	1.90	cps
Arsenic	75-2	556	582	572	570	2.31	cps
Barium	135-1	24297	23512	23087	23632	2.60	cps
Barium	137-1	40685	41095	40009	40596	1.35	cps
Beryllium	9-1	556	539	683	593	13.34	cps
Bismuth	209-1	5435634	5375549	5341583	5384255	0.88	cps
Bismuth	209-2	4763887	4736260	4741247	4747131	0.31	cps
Boron	10-1	1942	2075	1892	1970	4.81	cps
Boron	11-1	10229	9495	9654	9792	3.94	cps
Cadmium	111-1	6067	5299	5427	5597	7.35	cps
Cadmium	106-1	5518	4676	4809	5001	9.05	cps
Cadmium	108-1	221	238	158	206	20.30	cps
Calcium	43-1	10771	10829	11188	10929	2.07	cps
Calcium	44-1	194472	195754	193905	194710	0.49	cps
Chromium	52-2	10791	11114	11248	11051	2.13	cps
Cobalt	59-2	6508	6838	6638	6662	2.50	cps
Copper	63-2	10978	11438	11201	11206	2.05	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	53	40	33	42	24.12	cps
Gadolinium	160-1	50	75	117	81	41.81	cps
Gadolinium	160-2	103	103	117	108	7.14	cps
Holmium	165-1	9206657	9111566	9115593	9144606	0.59	cps
Holmium	165-2	6958861	6894165	6921481	6924835	0.47	cps
Indium	115-1	7440597	7393750	7398809	7411052	0.35	cps
Indium	115-2	2398463	2419023	2414576	2410687	0.45	cps
Iron	56-2	192747	189878	188556	190394	1.13	cps
Iron	57-2	5296	4840	4973	5036	4.65	cps
Lead	206-1	8108	8420	8197	8242	1.95	cps
Lead	207-1	6902	6985	7235	7041	2.46	cps
Lead	208-1	32728	32761	32527	32672	0.39	cps
Lithium	6-1	318557	313123	316048	315909	0.86	cps
Magnesium	24-2	124262	127337	125001	125533	1.28	cps
Manganese	55-2	2677	2684	2684	2681	0.14	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:38:01	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	21375	19981	20090	20482	3.79	cps
Molybdenum	95-1	24230	23679	24197	24035	1.29	cps
Molybdenum	96-1	27862	26292	27252	27135	2.92	cps
Molybdenum	97-1	15167	15367	15501	15345	1.10	cps
Molybdenum	98-1	41019	38386	39481	39628	3.34	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1863	1933	1907	1901	1.86	cps
Phosphorus	31-2	300	242	275	272	10.75	cps
Potassium	39-2	193613	193393	193108	193371	0.13	cps
Rhodium	103-1	6671220	6649066	6626732	6649006	0.33	cps
Rhodium	103-2	4579214	4581084	4613525	4591275	0.42	cps
Scandium	45-1	3355569	3327360	3300060	3327663	0.83	cps
Scandium	45-2	293936	294112	292266	293438	0.35	cps
Selenium	77-2	67	70	53	63	13.93	cps
Selenium	78-2	363	426	331	373	12.88	cps
Selenium	82-1	873	828	820	840	3.39	cps
Silicon	28-1	221001	222979	221221	221734	0.49	cps
Silver	109-1	12147	11447	11030	11541	4.89	cps
Silver	107-1	11931	11755	11530	11739	1.71	cps
Sodium	23-2	266054	262772	267639	265489	0.94	cps
Strontium	86-1	4084	3959	4134	4059	2.22	cps
Strontium	88-1	27603	29490	27669	28254	3.79	cps
Sulfur	34-1	125971	125451	123987	125136	0.82	cps
Terbium	159-1	9539067	9442393	9532902	9504787	0.57	cps
Terbium	159-2	6954445	6984309	6956799	6965184	0.24	cps
Thallium	203-1	9595	9520	9262	9459	1.85	cps
Thallium	205-1	21543	21952	21443	21646	1.25	cps
Tin	118-1	40593	40083	40117	40264	0.71	cps
Titanium	47-1	4776	4934	5209	4973	4.41	cps
Uranium	238-1	28098	25960	26929	26996	3.97	cps
Vanadium	51-2	16339	16343	16015	16232	1.16	cps
Yttrium	89-1	7535029	7480172	7492227	7502476	0.38	cps
Yttrium	89-2	1819427	1812533	1814282	1815414	0.20	cps
Zinc	66-2	1587	1757	1827	1723	7.16	cps
Zirconium	90-1	19130	19297	17845	18757	4.24	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:38:01	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4017	3876	4143	4012	3.33	cps

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 12:48:27 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	42	25	39	32.73	cps
Antimony	121-1	1092	1008	1075	1058	4.17	cps
Arsenic	75-2	20	26	7	18	53.08	cps
Barium	135-1	25	17	25	22	21.64	cps
Barium	137-1	67	33	75	58	37.80	cps
Beryllium	9-1	11	11	11	11	0.00	cps
Bismuth	209-1	5136610	5154045	5172246	5154300	0.35	cps
Bismuth	209-2	4612075	4719554	4722091	4684574	1.34	cps
Boron	10-1	133	150	100	128	19.93	cps
Boron	11-1	700	883	725	769	12.92	cps
Cadmium	111-1	3674	3515	3486	3558	2.84	cps
Cadmium	106-1	5235	4993	4976	5068	2.85	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	367	367	433	389	9.90	cps
Calcium	44-1	21099	19839	21341	20760	3.89	cps
Chromium	52-2	2427	2394	2384	2401	0.94	cps
Cobalt	59-2	150	227	213	197	20.83	cps
Copper	63-2	1267	1300	1253	1273	1.89	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	30	10	30	23	49.49	cps
Gadolinium	160-1	58	75	50	61	20.83	cps
Gadolinium	160-2	123	90	113	109	15.71	cps
Holmium	165-1	8853648	8956572	8895702	8901974	0.58	cps
Holmium	165-2	6902803	6941900	6934905	6926536	0.30	cps
Indium	115-1	7335938	7392631	7348816	7359128	0.40	cps
Indium	115-2	2409393	2435181	2413136	2419237	0.58	cps
Iron	56-2	5629	5946	6124	5900	4.25	cps
Iron	57-2	328	378	272	326	16.20	cps
Lead	206-1	478	361	450	430	14.18	cps
Lead	207-1	433	422	400	419	4.05	cps
Lead	208-1	1828	1795	1811	1811	0.92	cps
Lithium	6-1	308240	304260	306879	306460	0.66	cps
Magnesium	24-2	167	200	183	183	9.09	cps
Manganese	55-2	57	47	60	54	12.74	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:48:27	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	642	442	525	536	18.74	cps
Molybdenum	95-1	567	567	508	547	6.15	cps
Molybdenum	96-1	625	725	758	703	9.87	cps
Molybdenum	97-1	292	333	342	322	8.31	cps
Molybdenum	98-1	875	800	833	836	4.49	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	40	57	53	50	17.64	cps
Phosphorus	31-2	225	250	217	231	7.53	cps
Potassium	39-2	32136	32846	32704	32562	1.15	cps
Rhodium	103-1	6541036	6563562	6600624	6568407	0.46	cps
Rhodium	103-2	4611302	4634250	4629214	4624922	0.26	cps
Scandium	45-1	3319722	3330217	3317450	3322463	0.20	cps
Scandium	45-2	300321	297405	295520	297749	0.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	167	163	169	166	1.70	cps
Selenium	82-1	29	64	99	64	54.06	cps
Silicon	28-1	171043	167806	171994	170281	1.29	cps
Silver	109-1	125	233	133	164	36.78	cps
Silver	107-1	250	183	233	222	15.61	cps
Sodium	23-2	20164	19564	19138	19622	2.63	cps
Strontium	86-1	833	875	900	870	3.87	cps
Strontium	88-1	67	92	125	94	30.99	cps
Sulfur	34-1	135461	134190	131678	133776	1.44	cps
Terbium	159-1	9308218	9222368	9235668	9255418	0.50	cps
Terbium	159-2	6971395	6985501	7008105	6988334	0.26	cps
Thallium	203-1	200	158	242	200	20.83	cps
Thallium	205-1	467	425	442	444	4.72	cps
Tin	118-1	1292	1375	1250	1306	4.88	cps
Titanium	47-1	33	83	67	61	41.67	cps
Uranium	238-1	83	92	83	86	5.58	cps
Vanadium	51-2	3	20	17	13	66.16	cps
Yttrium	89-1	7431440	7469177	7484529	7461716	0.37	cps
Yttrium	89-2	1820640	1835389	1828029	1828019	0.40	cps
Zinc	66-2	173	190	187	183	4.81	cps
Zirconium	90-1	783	967	767	839	13.23	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:48:27	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	142	117	133	10.83	cps

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : LCSW Instrumnet Name : P7
 Client Sample ID : LCSW Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 12:52:01 DataFile Name : 021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4926	5359	4876	5054	5.26	cps
Antimony	121-1	40276	39022	41312	40203	2.85	cps
Arsenic	75-2	1089	1061	1204	1118	6.76	cps
Barium	135-1	48452	46671	48093	47739	1.97	cps
Barium	137-1	83579	85077	83006	83887	1.27	cps
Beryllium	9-1	1206	1178	1122	1169	3.63	cps
Bismuth	209-1	5121971	5164707	5217348	5168009	0.92	cps
Bismuth	209-2	4733965	4802485	4794987	4777146	0.79	cps
Boron	10-1	3351	3551	3801	3567	6.32	cps
Boron	11-1	17794	18262	19221	18426	3.95	cps
Cadmium	111-1	8768	8097	7973	8279	5.17	cps
Cadmium	106-1	5385	5326	5159	5290	2.21	cps
Cadmium	108-1	313	392	383	363	12.00	cps
Calcium	43-1	22660	23386	22852	22966	1.64	cps
Calcium	44-1	388774	389667	388669	389037	0.14	cps
Chromium	52-2	21309	21149	21439	21299	0.68	cps
Cobalt	59-2	14477	14437	14434	14450	0.17	cps
Copper	63-2	22711	22127	21806	22215	2.06	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	50	75	67	64	19.92	cps
Erbium	164-2	67	43	57	56	21.08	cps
Gadolinium	160-1	50	133	58	81	56.97	cps
Gadolinium	160-2	120	100	130	117	13.09	cps
Holmium	165-1	8954664	8954771	8939305	8949580	0.10	cps
Holmium	165-2	6981056	7016623	6935606	6977762	0.58	cps
Indium	115-1	7325987	7290804	7337478	7318090	0.33	cps
Indium	115-2	2432684	2443342	2471299	2449108	0.81	cps
Iron	56-2	1890068	1882824	1909037	1893976	0.71	cps
Iron	57-2	47544	47449	47940	47644	0.55	cps
Lead	206-1	15421	15142	14586	15050	2.82	cps
Lead	207-1	13129	12695	12934	12920	1.68	cps
Lead	208-1	59926	58607	59053	59196	1.13	cps
Lithium	6-1	312413	310430	311070	311304	0.33	cps
Magnesium	24-2	272222	269484	271035	270913	0.51	cps
Manganese	55-2	5868	5621	5915	5801	2.72	cps

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : LCSW Instrumnet Name : P7
 Client Sample ID : LCSW Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 12:52:01 DataFile Name : 021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	40809	39882	39397	40029	1.79	cps
Molybdenum	95-1	47923	48400	47865	48062	0.61	cps
Molybdenum	96-1	53376	52498	52414	52763	1.01	cps
Molybdenum	97-1	29648	29807	29774	29743	0.28	cps
Molybdenum	98-1	76991	77570	77025	77196	0.42	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	4077	4071	4354	4167	3.88	cps
Phosphorus	31-2	450	325	192	322	40.09	cps
Potassium	39-2	370817	375455	379394	375222	1.14	cps
Rhodium	103-1	6583360	6575488	6555726	6571525	0.22	cps
Rhodium	103-2	4694609	4694810	4676933	4688784	0.22	cps
Scandium	45-1	3354560	3339949	3369403	3354638	0.44	cps
Scandium	45-2	302947	305157	300341	302815	0.80	cps
Selenium	77-2	127	127	160	138	13.97	cps
Selenium	78-2	604	622	591	606	2.61	cps
Selenium	82-1	1637	1548	1448	1544	6.13	cps
Silicon	28-1	283539	280901	279562	281334	0.72	cps
Silver	109-1	24689	24088	23762	24180	1.94	cps
Silver	107-1	24864	24839	25015	24906	0.38	cps
Sodium	23-2	534050	531379	534911	533446	0.35	cps
Strontium	86-1	7327	7702	6777	7269	6.40	cps
Strontium	88-1	57449	58253	59800	58501	2.04	cps
Sulfur	34-1	136125	136874	137117	136705	0.38	cps
Terbium	159-1	9352763	9222088	9277559	9284137	0.71	cps
Terbium	159-2	7118811	6993617	6970702	7027710	1.13	cps
Thallium	203-1	17971	17721	18038	17910	0.93	cps
Thallium	205-1	44560	42469	42929	43319	2.54	cps
Tin	118-1	81210	82090	81462	81587	0.56	cps
Titanium	47-1	11055	10646	11071	10924	2.21	cps
Uranium	238-1	53788	55336	54407	54510	1.43	cps
Vanadium	51-2	34557	34832	34697	34695	0.40	cps
Yttrium	89-1	7485705	7521538	7506540	7504594	0.24	cps
Yttrium	89-2	1864797	1859075	1858633	1860835	0.18	cps
Zinc	66-2	3207	3414	3384	3335	3.35	cps
Zirconium	90-1	34442	35754	35938	35378	2.31	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:52:01	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	8069	7844	7877	7930	1.53	cps

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P7
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 12:55:34 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	50	44	10.82	cps
Antimony	121-1	650	658	792	700	11.36	cps
Arsenic	75-2	19	4	15	12	62.48	cps
Barium	135-1	17	25	33	25	33.32	cps
Barium	137-1	33	17	50	33	50.00	cps
Beryllium	9-1	11	17	28	19	45.83	cps
Bismuth	209-1	5229187	5139727	5276777	5215231	1.33	cps
Bismuth	209-2	4681565	4768580	4715370	4721838	0.93	cps
Boron	10-1	242	133	175	183	29.81	cps
Boron	11-1	825	1033	758	872	16.45	cps
Cadmium	111-1	3500	3431	3758	3563	4.84	cps
Cadmium	106-1	5009	4884	5360	5084	4.84	cps
Cadmium	108-1	21	13	8	14	45.83	cps
Calcium	43-1	342	500	475	439	19.39	cps
Calcium	44-1	19847	20073	19839	19920	0.67	cps
Chromium	52-2	2327	2607	2564	2499	6.03	cps
Cobalt	59-2	153	223	243	207	22.87	cps
Copper	63-2	1170	1273	1370	1271	7.87	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	17	42	75	44	65.84	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	33	67	42	47	36.74	cps
Gadolinium	160-2	63	97	83	81	20.69	cps
Holmium	165-1	8880288	8832583	9070197	8927690	1.41	cps
Holmium	165-2	6984872	6990170	6982067	6985703	0.06	cps
Indium	115-1	7424484	7376169	7382187	7394280	0.36	cps
Indium	115-2	2416885	2434987	2432573	2428148	0.40	cps
Iron	56-2	5768	5735	5974	5825	2.22	cps
Iron	57-2	278	311	300	296	5.73	cps
Lead	206-1	400	417	339	385	10.63	cps
Lead	207-1	317	333	378	343	9.22	cps
Lead	208-1	1578	1495	1461	1511	3.98	cps
Lithium	6-1	315210	313235	313569	314005	0.34	cps
Magnesium	24-2	208	192	250	217	13.87	cps
Manganese	55-2	50	80	63	64	23.32	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:55:34	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	358	525	517	467	20.12	cps
Molybdenum	95-1	308	350	350	336	7.16	cps
Molybdenum	96-1	450	383	533	456	16.50	cps
Molybdenum	97-1	200	242	208	217	10.18	cps
Molybdenum	98-1	608	683	733	675	9.32	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	63	33	56	35.16	cps
Phosphorus	31-2	325	300	283	303	6.93	cps
Potassium	39-2	31434	32094	33489	32339	3.24	cps
Rhodium	103-1	6651955	6566723	6641086	6619921	0.70	cps
Rhodium	103-2	4617657	4688125	4641572	4649118	0.77	cps
Scandium	45-1	3364402	3348735	3339111	3350749	0.38	cps
Scandium	45-2	296013	300221	298909	298381	0.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	156	150	183	163	10.96	cps
Selenium	82-1	53	46	-9	30	113.45	cps
Silicon	28-1	174043	172069	172171	172761	0.64	cps
Silver	109-1	167	175	183	175	4.76	cps
Silver	107-1	167	167	183	172	5.59	cps
Sodium	23-2	18162	17970	18003	18045	0.57	cps
Strontium	86-1	742	700	733	725	3.04	cps
Strontium	88-1	108	58	100	89	30.13	cps
Sulfur	34-1	138152	137294	138623	138023	0.49	cps
Terbium	159-1	9336734	9251304	9357112	9315050	0.60	cps
Terbium	159-2	6926257	7059647	6883082	6956329	1.32	cps
Thallium	203-1	150	175	192	172	12.18	cps
Thallium	205-1	325	358	425	369	13.78	cps
Tin	118-1	1400	1300	1267	1322	5.25	cps
Titanium	47-1	67	83	58	69	18.33	cps
Uranium	238-1	125	133	133	131	3.68	cps
Vanadium	51-2	10	20	17	16	32.73	cps
Yttrium	89-1	7571887	7451913	7486200	7503333	0.82	cps
Yttrium	89-2	1823647	1837838	1829403	1830296	0.39	cps
Zinc	66-2	147	167	127	147	13.64	cps
Zirconium	90-1	783	758	683	742	7.02	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:55:34	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	208	133	161	25.51	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:59:07	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4993	4893	4834	4907	1.63	cps
Antimony	121-1	41119	40066	39356	40181	2.21	cps
Arsenic	75-2	1120	1119	1080	1106	2.08	cps
Barium	135-1	49088	49288	48268	48881	1.11	cps
Barium	137-1	84297	84172	84684	84384	0.32	cps
Beryllium	9-1	1178	1133	1083	1132	4.18	cps
Bismuth	209-1	5286775	5248371	5228456	5254534	0.56	cps
Bismuth	209-2	4663850	4754764	4692570	4703728	0.99	cps
Boron	10-1	3734	3534	3959	3742	5.68	cps
Boron	11-1	18428	18629	19238	18765	2.25	cps
Cadmium	111-1	8369	8536	8789	8565	2.47	cps
Cadmium	106-1	5368	5485	5785	5546	3.88	cps
Cadmium	108-1	313	375	350	346	9.10	cps
Calcium	43-1	23294	21934	22768	22665	3.03	cps
Calcium	44-1	387956	389957	384316	387410	0.74	cps
Chromium	52-2	20601	20214	21019	20611	1.95	cps
Cobalt	59-2	14170	14304	14557	14344	1.37	cps
Copper	63-2	21546	22274	21860	21893	1.67	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	100	67	67	78	24.75	cps
Erbium	164-2	63	53	40	52	22.41	cps
Gadolinium	160-1	83	100	75	86	14.78	cps
Gadolinium	160-2	97	107	120	108	10.86	cps
Holmium	165-1	9150436	8911365	8959951	9007250	1.40	cps
Holmium	165-2	6868154	6979450	6967808	6938471	0.88	cps
Indium	115-1	7529064	7413654	7405848	7449522	0.93	cps
Indium	115-2	2404614	2424842	2429411	2419622	0.55	cps
Iron	56-2	1908996	1938792	1947628	1931805	1.05	cps
Iron	57-2	46987	47199	47817	47334	0.91	cps
Lead	206-1	15315	15237	15565	15372	1.12	cps
Lead	207-1	13641	13641	12812	13364	3.58	cps
Lead	208-1	61006	60544	59548	60366	1.23	cps
Lithium	6-1	317804	314648	314260	315571	0.62	cps
Magnesium	24-2	267776	272789	272013	270859	1.00	cps
Manganese	55-2	5481	5895	5588	5655	3.80	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:59:07	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	39214	39030	39706	39316	0.89	cps
Molybdenum	95-1	47622	47831	47714	47722	0.22	cps
Molybdenum	96-1	52456	53275	52339	52690	0.97	cps
Molybdenum	97-1	29857	29331	29866	29685	1.03	cps
Molybdenum	98-1	76221	78164	76657	77014	1.32	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	4051	3884	4191	4042	3.80	cps
Phosphorus	31-2	317	483	250	350	34.34	cps
Potassium	39-2	364234	367955	375747	369312	1.59	cps
Rhodium	103-1	6641039	6656052	6594017	6630370	0.49	cps
Rhodium	103-2	4610000	4629416	4654956	4631457	0.49	cps
Scandium	45-1	3377086	3383671	3335757	3365505	0.77	cps
Scandium	45-2	296485	300092	303113	299897	1.11	cps
Selenium	77-2	123	143	163	143	13.95	cps
Selenium	78-2	654	593	572	606	7.00	cps
Selenium	82-1	1609	1578	1435	1541	6.04	cps
Silicon	28-1	282784	280881	282755	282140	0.39	cps
Silver	109-1	24481	23596	23153	23743	2.85	cps
Silver	107-1	25257	25031	24530	24939	1.49	cps
Sodium	23-2	526528	532699	532936	530721	0.68	cps
Strontium	86-1	7352	7094	7677	7374	3.97	cps
Strontium	88-1	57374	57491	57533	57466	0.14	cps
Sulfur	34-1	140162	141289	141760	141070	0.58	cps
Terbium	159-1	9460691	9424631	9444551	9443291	0.19	cps
Terbium	159-2	6972748	7047023	7082495	7034089	0.80	cps
Thallium	203-1	18497	18113	17854	18155	1.78	cps
Thallium	205-1	42527	43732	44693	43651	2.49	cps
Tin	118-1	83733	84270	81763	83256	1.59	cps
Titanium	47-1	10771	10629	10546	10649	1.07	cps
Uranium	238-1	54474	54659	54918	54684	0.41	cps
Vanadium	51-2	34207	34480	34978	34555	1.13	cps
Yttrium	89-1	7654424	7492372	7475798	7540865	1.31	cps
Yttrium	89-2	1795422	1819288	1855100	1823270	1.65	cps
Zinc	66-2	3260	3220	3237	3239	0.62	cps
Zirconium	90-1	34952	35988	33749	34896	3.21	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 12:59:07	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	7477	7577	7252	7436	2.24	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:02:41	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	833	733	733	767	7.53	cps
Antimony	121-1	2784	2959	2842	2862	3.11	cps
Arsenic	75-2	131	143	135	136	4.15	cps
Barium	135-1	3426	3009	3209	3214	6.48	cps
Barium	137-1	5243	6002	5310	5518	7.61	cps
Beryllium	9-1	133	172	178	161	15.03	cps
Bismuth	209-1	5318560	5197126	5258004	5257897	1.15	cps
Bismuth	209-2	4782523	4746385	4678027	4735645	1.12	cps
Boron	10-1	100	150	117	122	20.83	cps
Boron	11-1	917	883	858	886	3.30	cps
Cadmium	111-1	3956	3958	3877	3931	1.17	cps
Cadmium	106-1	4776	4926	4684	4795	2.54	cps
Cadmium	108-1	71	75	50	65	20.52	cps
Calcium	43-1	1275	1133	1142	1183	6.72	cps
Calcium	44-1	33272	33063	32528	32954	1.16	cps
Chromium	52-2	3597	3377	3610	3528	3.71	cps
Cobalt	59-2	2357	2104	2097	2186	6.78	cps
Copper	63-2	3944	3847	3841	3877	1.49	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	58	33	0	31	95.79	cps
Erbium	164-2	17	17	33	22	43.28	cps
Gadolinium	160-1	83	75	50	69	24.98	cps
Gadolinium	160-2	77	140	120	112	28.85	cps
Holmium	165-1	8945425	9050592	8982704	8992907	0.59	cps
Holmium	165-2	7006614	6973647	6927200	6969154	0.57	cps
Indium	115-1	7404233	7297551	7369342	7357042	0.74	cps
Indium	115-2	2426979	2439452	2404427	2423620	0.73	cps
Iron	56-2	54535	55053	54808	54799	0.47	cps
Iron	57-2	1422	1456	1739	1539	11.31	cps
Lead	206-1	2206	2161	2272	2213	2.53	cps
Lead	207-1	2006	1956	2006	1989	1.45	cps
Lead	208-1	8890	8568	8935	8798	2.28	cps
Lithium	6-1	320412	319568	317642	319208	0.44	cps
Magnesium	24-2	7127	7411	7411	7316	2.24	cps
Manganese	55-2	1453	1480	1533	1489	2.74	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:02:41	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4843	5026	5576	5148	7.42	cps
Molybdenum	95-1	7002	6502	6493	6666	4.37	cps
Molybdenum	96-1	6719	7294	6785	6933	4.54	cps
Molybdenum	97-1	3917	4084	4234	4079	3.89	cps
Molybdenum	98-1	10313	10479	9871	10221	3.08	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	497	540	423	487	12.12	cps
Phosphorus	31-2	325	350	308	328	6.40	cps
Potassium	39-2	35911	35560	36605	36025	1.48	cps
Rhodium	103-1	6593923	6580820	6634360	6603034	0.42	cps
Rhodium	103-2	4634847	4660646	4614774	4636756	0.50	cps
Scandium	45-1	3382274	3329604	3320333	3344070	1.00	cps
Scandium	45-2	296421	295958	294382	295587	0.36	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	144	193	165	167	14.45	cps
Selenium	82-1	53	26	44	41	32.94	cps
Silicon	28-1	205822	205384	207402	206203	0.51	cps
Silver	109-1	3701	3951	3784	3812	3.34	cps
Silver	107-1	4026	3617	4209	3951	7.67	cps
Sodium	23-2	30081	29931	31142	30384	2.17	cps
Strontium	86-1	1667	1750	1800	1739	3.88	cps
Strontium	88-1	8128	7419	7452	7666	5.22	cps
Sulfur	34-1	141803	143805	143553	143054	0.76	cps
Terbium	159-1	9415260	9236657	9429964	9360627	1.15	cps
Terbium	159-2	7021157	7044138	6954500	7006599	0.66	cps
Thallium	203-1	2575	2467	2475	2506	2.41	cps
Thallium	205-1	5768	5626	5651	5682	1.33	cps
Tin	118-1	3576	3317	3401	3431	3.84	cps
Titanium	47-1	1358	1542	1358	1420	7.46	cps
Uranium	238-1	7502	7452	7011	7322	3.70	cps
Vanadium	51-2	910	1013	1033	986	6.72	cps
Yttrium	89-1	7497434	7524179	7441336	7487650	0.56	cps
Yttrium	89-2	1832399	1838608	1819414	1830140	0.54	cps
Zinc	66-2	557	643	577	592	7.66	cps
Zirconium	90-1	4384	4368	4234	4329	1.90	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-1	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:02:41	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	983	925	975	961	3.28	cps

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : WATER MDL-2 Instrumnet Name : P7
 Client Sample ID : WATER MDL-2 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 13:06:15 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	675	633	633	647	3.72	cps
Antimony	121-1	2625	2992	3109	2909	8.67	cps
Arsenic	75-2	156	130	148	144	9.25	cps
Barium	135-1	3151	3034	3467	3217	6.97	cps
Barium	137-1	5635	5443	5593	5557	1.81	cps
Beryllium	9-1	128	189	178	165	19.75	cps
Bismuth	209-1	5258010	5160842	5230477	5216443	0.96	cps
Bismuth	209-2	4707885	4852363	4728988	4763079	1.64	cps
Boron	10-1	125	108	150	128	16.41	cps
Boron	11-1	583	708	850	714	18.69	cps
Cadmium	111-1	4162	4034	4121	4106	1.59	cps
Cadmium	106-1	5126	4934	4934	4998	2.21	cps
Cadmium	108-1	50	58	42	50	16.66	cps
Calcium	43-1	1108	1017	1067	1064	4.31	cps
Calcium	44-1	33180	32670	32637	32829	0.93	cps
Chromium	52-2	3634	3337	3534	3502	4.31	cps
Cobalt	59-2	2207	2120	2014	2114	4.58	cps
Copper	63-2	4074	3957	4141	4057	2.29	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	8	8	25	14	69.31	cps
Erbium	164-2	10	20	17	16	32.73	cps
Gadolinium	160-1	33	100	92	75	48.44	cps
Gadolinium	160-2	113	97	110	107	8.27	cps
Holmium	165-1	8960983	9017334	9008652	8995656	0.34	cps
Holmium	165-2	6984417	7100265	6937191	7007291	1.20	cps
Indium	115-1	7401920	7377880	7414113	7397971	0.25	cps
Indium	115-2	2434497	2463672	2438390	2445520	0.65	cps
Iron	56-2	54412	56291	55449	55384	1.70	cps
Iron	57-2	1711	1617	1506	1611	6.39	cps
Lead	206-1	2028	2156	2217	2134	4.52	cps
Lead	207-1	2122	1934	2011	2022	4.69	cps
Lead	208-1	8807	8740	8718	8755	0.53	cps
Lithium	6-1	320152	318710	319756	319539	0.23	cps
Magnesium	24-2	7277	7511	7519	7435	1.85	cps
Manganese	55-2	1450	1353	1477	1427	4.55	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:06:15	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5460	5276	5143	5293	3.00	cps
Molybdenum	95-1	6460	6285	6310	6352	1.49	cps
Molybdenum	96-1	7002	7619	7469	7363	4.37	cps
Molybdenum	97-1	4167	3859	4034	4020	3.85	cps
Molybdenum	98-1	9929	10571	10229	10243	3.14	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	643	463	527	544	16.77	cps
Phosphorus	31-2	200	233	275	236	15.92	cps
Potassium	39-2	36237	36914	35911	36354	1.41	cps
Rhodium	103-1	6599884	6639511	6595740	6611712	0.37	cps
Rhodium	103-2	4649851	4754100	4683060	4695670	1.13	cps
Scandium	45-1	3355439	3322763	3353922	3344041	0.55	cps
Scandium	45-2	296430	310177	300875	302494	2.32	cps
Selenium	77-2	13	0	3	6	124.93	cps
Selenium	78-2	148	167	167	160	6.66	cps
Selenium	82-1	118	-26	-10	27	289.18	cps
Silicon	28-1	207072	209599	213807	210159	1.62	cps
Silver	109-1	3959	4151	3559	3890	7.76	cps
Silver	107-1	4159	4176	3909	4081	3.66	cps
Sodium	23-2	30315	29689	29638	29880	1.26	cps
Strontium	86-1	1500	1659	1659	1606	5.69	cps
Strontium	88-1	7794	7177	7194	7388	4.76	cps
Sulfur	34-1	143501	147043	147120	145888	1.42	cps
Terbium	159-1	9369445	9322777	9298848	9330357	0.38	cps
Terbium	159-2	6995817	7134356	6998894	7043022	1.12	cps
Thallium	203-1	2567	2525	2584	2559	1.17	cps
Thallium	205-1	5660	5893	6027	5860	3.17	cps
Tin	118-1	3075	3717	3351	3381	9.52	cps
Titanium	47-1	1500	1367	1683	1517	10.48	cps
Uranium	238-1	7036	7244	7528	7269	3.40	cps
Vanadium	51-2	913	1070	1010	998	7.92	cps
Yttrium	89-1	7519549	7427474	7519971	7488998	0.71	cps
Yttrium	89-2	1833957	1867338	1832339	1844545	1.07	cps
Zinc	66-2	550	653	500	568	13.77	cps
Zirconium	90-1	4242	4426	4518	4395	3.19	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-2	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:06:15	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	975	925	1100	1000	9.01	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:09:49	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	717	817	700	744	8.48	cps
Antimony	121-1	2617	2759	2892	2756	4.99	cps
Arsenic	75-2	165	150	126	147	13.36	cps
Barium	135-1	2817	3317	3034	3056	8.21	cps
Barium	137-1	5743	5176	5026	5315	7.12	cps
Beryllium	9-1	161	200	144	169	16.92	cps
Bismuth	209-1	5289127	5159670	5085660	5178152	1.99	cps
Bismuth	209-2	4788382	4840624	4753337	4794114	0.92	cps
Boron	10-1	142	83	92	106	29.89	cps
Boron	11-1	525	475	625	542	14.10	cps
Cadmium	111-1	4273	4091	4050	4138	2.87	cps
Cadmium	106-1	5201	5051	4993	5082	2.12	cps
Cadmium	108-1	50	58	71	60	17.56	cps
Calcium	43-1	1108	1400	1408	1306	13.09	cps
Calcium	44-1	33806	32737	33255	33266	1.61	cps
Chromium	52-2	3567	3367	3327	3420	3.76	cps
Cobalt	59-2	2224	2147	2267	2212	2.75	cps
Copper	63-2	3777	3811	3951	3846	2.39	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	23	27	23	24	7.89	cps
Gadolinium	160-1	83	67	75	75	11.11	cps
Gadolinium	160-2	113	113	83	103	16.77	cps
Holmium	165-1	8932965	9064769	8919915	8972550	0.89	cps
Holmium	165-2	7027534	7085440	6921270	7011415	1.19	cps
Indium	115-1	7390480	7458606	7327135	7392074	0.89	cps
Indium	115-2	2469190	2479792	2429953	2459645	1.07	cps
Iron	56-2	53531	53804	54713	54016	1.15	cps
Iron	57-2	1378	1545	1517	1480	6.04	cps
Lead	206-1	2389	2195	2234	2272	4.53	cps
Lead	207-1	1928	1867	1717	1837	5.91	cps
Lead	208-1	8890	8273	8262	8475	4.24	cps
Lithium	6-1	314299	320508	312861	315890	1.29	cps
Magnesium	24-2	7177	7902	7277	7452	5.28	cps
Manganese	55-2	1457	1423	1473	1451	1.75	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:09:49	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5026	5385	5518	5310	4.79	cps
Molybdenum	95-1	6760	6127	5626	6171	9.21	cps
Molybdenum	96-1	7077	6919	7219	7071	2.12	cps
Molybdenum	97-1	3709	4151	3951	3937	5.62	cps
Molybdenum	98-1	9745	10654	10604	10335	4.94	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	600	547	587	578	4.80	cps
Phosphorus	31-2	300	242	325	289	14.80	cps
Potassium	39-2	36120	37732	35895	36582	2.74	cps
Rhodium	103-1	6616986	6585211	6503601	6568600	0.89	cps
Rhodium	103-2	4707040	4727608	4680657	4705102	0.50	cps
Scandium	45-1	3325583	3348635	3283087	3319102	1.00	cps
Scandium	45-2	302186	307423	302237	303949	0.99	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	215	174	156	181	16.70	cps
Selenium	82-1	65	-72	36	10	745.49	cps
Silicon	28-1	205510	211287	210366	209054	1.48	cps
Silver	109-1	3992	4001	3951	3981	0.67	cps
Silver	107-1	3942	3909	3876	3909	0.85	cps
Sodium	23-2	28912	30240	29755	29636	2.27	cps
Strontium	86-1	1842	1700	1659	1734	5.54	cps
Strontium	88-1	7827	7694	7694	7739	0.99	cps
Sulfur	34-1	148543	149225	148357	148708	0.31	cps
Terbium	159-1	9428016	9439698	9317824	9395179	0.72	cps
Terbium	159-2	7078446	7105738	7025364	7069850	0.58	cps
Thallium	203-1	2242	2459	2609	2436	7.57	cps
Thallium	205-1	5635	5802	5943	5793	2.67	cps
Tin	118-1	3167	3559	3176	3301	6.78	cps
Titanium	47-1	1383	1500	1408	1431	4.29	cps
Uranium	238-1	7444	7569	7077	7364	3.47	cps
Vanadium	51-2	1010	1030	903	981	6.94	cps
Yttrium	89-1	7444024	7498117	7356908	7433016	0.96	cps
Yttrium	89-2	1833033	1866930	1835672	1845212	1.02	cps
Zinc	66-2	570	590	637	599	5.71	cps
Zirconium	90-1	4518	4601	4634	4584	1.31	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-3	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:09:49	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	925	875	933	911	3.46	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:13:23	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	592	725	717	678	11.02	cps
Antimony	121-1	2850	2559	2642	2684	5.60	cps
Arsenic	75-2	141	133	170	148	13.23	cps
Barium	135-1	3217	2909	3017	3048	5.13	cps
Barium	137-1	5518	5668	5410	5532	2.35	cps
Beryllium	9-1	100	189	133	141	31.91	cps
Bismuth	209-1	5098736	5057270	5175945	5110650	1.18	cps
Bismuth	209-2	4598761	4557625	4638592	4598326	0.88	cps
Boron	10-1	25	92	83	67	54.49	cps
Boron	11-1	417	375	350	381	8.85	cps
Cadmium	111-1	3966	4141	4022	4043	2.21	cps
Cadmium	106-1	4809	5168	4851	4943	3.97	cps
Cadmium	108-1	67	50	33	50	33.34	cps
Calcium	43-1	1117	1367	1333	1272	10.67	cps
Calcium	44-1	32312	32044	32996	32451	1.51	cps
Chromium	52-2	3460	3490	3494	3482	0.53	cps
Cobalt	59-2	2090	2124	1953	2056	4.38	cps
Copper	63-2	3977	3887	3904	3923	1.22	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	17	75	25	39	81.12	cps
Erbium	164-2	23	17	23	21	18.21	cps
Gadolinium	160-1	58	83	125	89	37.89	cps
Gadolinium	160-2	83	110	100	98	13.77	cps
Holmium	165-1	8760869	8709702	8825642	8765404	0.66	cps
Holmium	165-2	6746141	6758138	6849086	6784455	0.83	cps
Indium	115-1	7220066	7187236	7264319	7223874	0.54	cps
Indium	115-2	2375468	2390030	2419775	2395091	0.94	cps
Iron	56-2	54379	54268	53475	54040	0.91	cps
Iron	57-2	1556	1456	1606	1539	4.96	cps
Lead	206-1	1928	2111	2072	2037	4.74	cps
Lead	207-1	1845	1795	1811	1817	1.40	cps
Lead	208-1	8401	7951	8018	8123	2.99	cps
Lithium	6-1	306221	306875	309773	307623	0.61	cps
Magnesium	24-2	7060	7119	7427	7202	2.74	cps
Manganese	55-2	1407	1503	1373	1428	4.73	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:13:23	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5026	4851	4918	4932	1.79	cps
Molybdenum	95-1	6235	6452	6360	6349	1.71	cps
Molybdenum	96-1	6869	6852	6944	6888	0.71	cps
Molybdenum	97-1	4101	3967	3817	3962	3.58	cps
Molybdenum	98-1	10046	10921	9862	10276	5.51	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	560	503	550	538	5.62	cps
Phosphorus	31-2	275	308	242	275	12.12	cps
Potassium	39-2	35819	36521	36997	36446	1.63	cps
Rhodium	103-1	6464004	6526072	6522365	6504147	0.54	cps
Rhodium	103-2	4574185	4562133	4590796	4575705	0.31	cps
Scandium	45-1	3304623	3320840	3309975	3311813	0.25	cps
Scandium	45-2	297134	297609	298732	297825	0.28	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	148	193	154	165	14.69	cps
Selenium	82-1	44	34	102	60	60.51	cps
Silicon	28-1	207950	208839	213069	209953	1.30	cps
Silver	109-1	3759	3909	3484	3717	5.80	cps
Silver	107-1	4142	3826	3509	3826	8.28	cps
Sodium	23-2	28545	29330	29505	29126	1.76	cps
Strontium	86-1	1742	1592	1825	1720	6.88	cps
Strontium	88-1	7627	7736	7461	7608	1.82	cps
Sulfur	34-1	145968	142854	144638	144487	1.08	cps
Terbium	159-1	9101172	9137550	9149370	9129364	0.28	cps
Terbium	159-2	6801604	6822138	6878250	6833997	0.58	cps
Thallium	203-1	2317	2167	2367	2284	4.56	cps
Thallium	205-1	5376	5576	5468	5474	1.83	cps
Tin	118-1	3234	2892	3050	3059	5.59	cps
Titanium	47-1	1425	1283	1483	1397	7.36	cps
Uranium	238-1	6986	6735	7186	6969	3.24	cps
Vanadium	51-2	983	1137	977	1032	8.77	cps
Yttrium	89-1	7318494	7405472	7403034	7375667	0.67	cps
Yttrium	89-2	1807752	1812885	1820931	1813856	0.37	cps
Zinc	66-2	557	530	527	538	3.06	cps
Zirconium	90-1	4551	4343	4518	4470	2.50	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-4	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:13:23	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1092	883	992	989	10.54	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:16:55	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	633	825	625	694	16.29	cps
Antimony	121-1	2409	2717	2475	2534	6.40	cps
Arsenic	75-2	148	154	148	150	2.14	cps
Barium	135-1	2992	3301	3167	3153	4.90	cps
Barium	137-1	6010	5435	5218	5554	7.37	cps
Beryllium	9-1	183	144	167	165	11.84	cps
Bismuth	209-1	4813442	4886159	4818442	4839348	0.84	cps
Bismuth	209-2	4465068	4484264	4542902	4497411	0.90	cps
Boron	10-1	50	75	58	61	20.83	cps
Boron	11-1	358	392	383	378	4.59	cps
Cadmium	111-1	3823	3790	3913	3842	1.66	cps
Cadmium	106-1	4609	4643	4818	4690	2.39	cps
Cadmium	108-1	58	50	38	49	21.57	cps
Calcium	43-1	1383	1217	1217	1272	7.56	cps
Calcium	44-1	33038	32311	32795	32715	1.13	cps
Chromium	52-2	3500	3530	3504	3512	0.47	cps
Cobalt	59-2	1990	2030	2130	2050	3.52	cps
Copper	63-2	3764	3697	3774	3745	1.11	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	50	17	83	50	66.67	cps
Erbium	164-2	20	27	23	23	14.29	cps
Gadolinium	160-1	42	67	25	44	47.19	cps
Gadolinium	160-2	110	97	100	102	6.79	cps
Holmium	165-1	8442673	8528226	8513220	8494706	0.54	cps
Holmium	165-2	6716427	6700091	6722020	6712846	0.17	cps
Indium	115-1	7087858	7108310	7127719	7107962	0.28	cps
Indium	115-2	2369266	2356195	2398424	2374628	0.91	cps
Iron	56-2	53386	53648	53409	53481	0.27	cps
Iron	57-2	1745	1522	1550	1606	7.54	cps
Lead	206-1	1911	2045	1972	1976	3.38	cps
Lead	207-1	1811	1700	1795	1769	3.39	cps
Lead	208-1	7907	7996	7962	7955	0.56	cps
Lithium	6-1	298469	301804	298001	299424	0.69	cps
Magnesium	24-2	7602	7052	7202	7285	3.91	cps
Manganese	55-2	1487	1450	1623	1520	6.01	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:16:55	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4993	5068	5476	5179	5.02	cps
Molybdenum	95-1	6043	6252	5851	6049	3.31	cps
Molybdenum	96-1	6969	6318	6819	6702	5.08	cps
Molybdenum	97-1	3976	3809	3542	3776	5.79	cps
Molybdenum	98-1	9820	10646	9921	10129	4.45	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	503	523	527	518	2.44	cps
Phosphorus	31-2	367	275	258	300	19.45	cps
Potassium	39-2	36596	36345	35527	36156	1.55	cps
Rhodium	103-1	6370487	6431922	6451370	6417926	0.66	cps
Rhodium	103-2	4531621	4538686	4566884	4545730	0.41	cps
Scandium	45-1	3261492	3263647	3271140	3265426	0.16	cps
Scandium	45-2	299066	299780	299900	299582	0.15	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	176	167	180	174	3.83	cps
Selenium	82-1	29	64	113	69	61.39	cps
Silicon	28-1	207899	207833	211451	209061	0.99	cps
Silver	109-1	3342	3492	3734	3523	5.61	cps
Silver	107-1	3492	3751	3967	3737	6.37	cps
Sodium	23-2	28486	28453	29104	28681	1.28	cps
Strontium	86-1	1784	1717	1533	1678	7.72	cps
Strontium	88-1	7694	7594	7327	7538	2.52	cps
Sulfur	34-1	144250	144511	142912	143891	0.60	cps
Terbium	159-1	8844443	8700988	8844263	8796565	0.94	cps
Terbium	159-2	6803818	6707767	6802069	6771218	0.81	cps
Thallium	203-1	2209	2359	2159	2242	4.64	cps
Thallium	205-1	5160	5743	5060	5321	6.94	cps
Tin	118-1	2925	3201	2592	2906	10.49	cps
Titanium	47-1	1408	1425	1350	1395	2.82	cps
Uranium	238-1	6869	6377	6419	6555	4.16	cps
Vanadium	51-2	1000	900	907	936	5.98	cps
Yttrium	89-1	7278418	7240745	7190209	7236457	0.61	cps
Yttrium	89-2	1801734	1814844	1812698	1809759	0.39	cps
Zinc	66-2	587	653	593	611	6.01	cps
Zirconium	90-1	4159	4209	4293	4220	1.60	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-5	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:16:55	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1017	1125	850	997	13.89	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:20:29	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	825	692	742	753	8.95	cps
Antimony	121-1	2484	2534	2517	2511	1.01	cps
Arsenic	75-2	146	143	150	146	2.53	cps
Barium	135-1	2984	3150	3009	3048	2.95	cps
Barium	137-1	4968	4768	4834	4857	2.10	cps
Beryllium	9-1	194	178	150	174	12.90	cps
Bismuth	209-1	4808807	4802004	4774340	4795051	0.38	cps
Bismuth	209-2	4437852	4494764	4477907	4470174	0.65	cps
Boron	10-1	67	25	50	47	44.41	cps
Boron	11-1	325	392	292	336	15.15	cps
Cadmium	111-1	3841	3713	3825	3793	1.84	cps
Cadmium	106-1	4751	4459	4618	4609	3.17	cps
Cadmium	108-1	50	54	46	50	8.34	cps
Calcium	43-1	1333	1175	1200	1236	6.89	cps
Calcium	44-1	31651	32178	31802	31877	0.85	cps
Chromium	52-2	3560	3607	3457	3542	2.17	cps
Cobalt	59-2	2037	1990	1937	1988	2.52	cps
Copper	63-2	3671	3947	3777	3798	3.67	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	3	23	3	10	115.51	cps
Erbium	164-1	33	42	8	28	62.46	cps
Erbium	164-2	20	10	20	17	34.64	cps
Gadolinium	160-1	42	83	33	53	50.76	cps
Gadolinium	160-2	113	107	100	107	6.25	cps
Holmium	165-1	8306819	8348513	8463106	8372813	0.97	cps
Holmium	165-2	6695335	6671974	6635887	6667732	0.45	cps
Indium	115-1	7081444	7015549	7018425	7038473	0.53	cps
Indium	115-2	2384004	2378723	2369660	2377463	0.31	cps
Iron	56-2	53978	53972	53425	53791	0.59	cps
Iron	57-2	1445	1522	1511	1493	2.82	cps
Lead	206-1	1845	2078	1967	1963	5.95	cps
Lead	207-1	1806	1745	1683	1745	3.50	cps
Lead	208-1	7479	7712	7601	7597	1.54	cps
Lithium	6-1	292467	292513	293987	292989	0.30	cps
Magnesium	24-2	7052	7160	7619	7277	4.14	cps
Manganese	55-2	1417	1497	1427	1447	3.01	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:20:29	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5026	4959	4951	4979	0.83	cps
Molybdenum	95-1	6118	6260	6318	6232	1.65	cps
Molybdenum	96-1	6935	6594	7302	6944	5.10	cps
Molybdenum	97-1	3959	3809	3709	3826	3.29	cps
Molybdenum	98-1	9362	10079	9896	9779	3.81	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	640	560	527	576	10.12	cps
Phosphorus	31-2	383	408	258	350	22.96	cps
Potassium	39-2	37181	37189	36939	37103	0.38	cps
Rhodium	103-1	6338538	6291309	6313116	6314321	0.37	cps
Rhodium	103-2	4555222	4566686	4540387	4554098	0.29	cps
Scandium	45-1	3277386	3266432	3245117	3262978	0.50	cps
Scandium	45-2	300993	299301	297749	299348	0.54	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	135	189	159	161	16.70	cps
Selenium	82-1	67	72	104	81	24.50	cps
Silicon	28-1	207210	212689	210553	210150	1.31	cps
Silver	109-1	3751	3509	3534	3598	3.69	cps
Silver	107-1	3642	3884	4151	3892	6.53	cps
Sodium	23-2	29304	29054	27785	28714	2.84	cps
Strontium	86-1	1925	1458	1709	1697	13.76	cps
Strontium	88-1	7152	7244	7411	7269	1.80	cps
Sulfur	34-1	140693	140346	142306	141115	0.74	cps
Terbium	159-1	8835456	8684393	8781671	8767174	0.87	cps
Terbium	159-2	6699066	6720582	6749954	6723201	0.38	cps
Thallium	203-1	2250	2225	2134	2203	2.79	cps
Thallium	205-1	5368	5468	5193	5343	2.61	cps
Tin	118-1	2967	3042	3309	3106	5.78	cps
Titanium	47-1	1617	1467	1275	1453	11.79	cps
Uranium	238-1	6410	6994	6210	6538	6.23	cps
Vanadium	51-2	1003	940	927	957	4.28	cps
Yttrium	89-1	7101277	7094279	7137018	7110858	0.32	cps
Yttrium	89-2	1825960	1817449	1789232	1810880	1.06	cps
Zinc	66-2	563	543	470	526	9.35	cps
Zirconium	90-1	4101	4192	4217	4170	1.47	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-6	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:20:29	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	975	1067	917	986	7.67	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:24:01	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683	733	708	708	3.53	cps
Antimony	121-1	2667	2609	2859	2712	4.82	cps
Arsenic	75-2	185	146	133	155	17.42	cps
Barium	135-1	3201	2884	3009	3031	5.26	cps
Barium	137-1	5385	5034	5501	5307	4.58	cps
Beryllium	9-1	161	156	122	146	14.38	cps
Bismuth	209-1	4765449	4802735	4788938	4785707	0.39	cps
Bismuth	209-2	4490128	4538075	4549410	4525871	0.70	cps
Boron	10-1	75	83	75	78	6.19	cps
Boron	11-1	217	350	342	303	24.67	cps
Cadmium	111-1	3972	3950	4006	3976	0.71	cps
Cadmium	106-1	4759	4809	5018	4862	2.82	cps
Cadmium	108-1	50	83	63	65	25.80	cps
Calcium	43-1	1333	1183	1225	1247	6.21	cps
Calcium	44-1	33481	33648	32579	33236	1.73	cps
Chromium	52-2	3617	3597	3540	3585	1.11	cps
Cobalt	59-2	2040	2137	1850	2009	7.26	cps
Copper	63-2	3871	3881	3887	3879	0.22	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	33	25	22	57.29	cps
Erbium	164-2	10	27	33	23	51.50	cps
Gadolinium	160-1	83	133	83	100	28.87	cps
Gadolinium	160-2	103	93	67	88	21.59	cps
Holmium	165-1	8518128	8614700	8393894	8508907	1.30	cps
Holmium	165-2	6816296	6752156	6854604	6807685	0.76	cps
Indium	115-1	7025292	6995931	7028118	7016447	0.25	cps
Indium	115-2	2385618	2388673	2393306	2389199	0.16	cps
Iron	56-2	55633	55802	55879	55771	0.23	cps
Iron	57-2	1561	1511	1733	1602	7.28	cps
Lead	206-1	2122	2139	1895	2052	6.66	cps
Lead	207-1	1650	1706	1728	1695	2.36	cps
Lead	208-1	7857	7840	7757	7818	0.69	cps
Lithium	6-1	296798	294256	292109	294388	0.80	cps
Magnesium	24-2	6927	7302	7594	7274	4.60	cps
Manganese	55-2	1440	1393	1463	1432	2.49	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:24:01	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4643	5059	4768	4823	4.43	cps
Molybdenum	95-1	6268	6102	6418	6263	2.53	cps
Molybdenum	96-1	6944	6969	6193	6702	6.58	cps
Molybdenum	97-1	3951	3676	3959	3862	4.18	cps
Molybdenum	98-1	10313	10112	9754	10060	2.81	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	563	603	617	594	4.67	cps
Phosphorus	31-2	275	333	325	311	10.14	cps
Potassium	39-2	36596	37106	37173	36958	0.85	cps
Rhodium	103-1	6464251	6331225	6360700	6385392	1.09	cps
Rhodium	103-2	4565724	4570393	4580306	4572141	0.16	cps
Scandium	45-1	3280999	3290613	3281166	3284259	0.17	cps
Scandium	45-2	297430	300731	301920	300027	0.78	cps
Selenium	77-2	0	0	17	6	173.21	cps
Selenium	78-2	185	150	157	164	11.30	cps
Selenium	82-1	33	67	200	100	87.82	cps
Silicon	28-1	203702	208154	210704	207520	1.71	cps
Silver	109-1	3459	3684	3442	3528	3.83	cps
Silver	107-1	3867	3751	4226	3948	6.27	cps
Sodium	23-2	29914	30440	29772	30042	1.17	cps
Strontium	86-1	1558	1650	1609	1606	2.86	cps
Strontium	88-1	7402	7494	7652	7516	1.68	cps
Sulfur	34-1	143561	140994	143668	142741	1.06	cps
Terbium	159-1	8859823	8827164	8757741	8814909	0.59	cps
Terbium	159-2	6808878	6729497	6783268	6773881	0.60	cps
Thallium	203-1	2159	2175	2200	2178	0.96	cps
Thallium	205-1	5651	5510	5051	5404	5.81	cps
Tin	118-1	3025	2975	3075	3025	1.65	cps
Titanium	47-1	1550	1592	1509	1550	2.69	cps
Uranium	238-1	5985	6394	6502	6294	4.33	cps
Vanadium	51-2	957	963	940	953	1.26	cps
Yttrium	89-1	7269289	7262191	7287258	7272913	0.18	cps
Yttrium	89-2	1814495	1825064	1826965	1822174	0.37	cps
Zinc	66-2	857	813	803	824	3.44	cps
Zirconium	90-1	4309	4384	4684	4459	4.45	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	WATER MDL-7	Instrumnet Name :	P7
Client Sample ID :	WATER MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:24:01	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	842	917	850	870	4.73	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-1	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:27:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	808	750	667	742	9.60	cps
Antimony	121-1	2534	2534	2375	2481	3.69	cps
Arsenic	75-2	174	152	154	160	7.71	cps
Barium	135-1	3000	3209	2884	3031	5.43	cps
Barium	137-1	5576	5426	5009	5337	5.50	cps
Beryllium	9-1	133	150	133	139	6.93	cps
Bismuth	209-1	4772864	4864851	4895391	4844369	1.32	cps
Bismuth	209-2	4515363	4515255	4571883	4534167	0.72	cps
Boron	10-1	67	67	92	75	19.24	cps
Boron	11-1	383	350	375	369	4.69	cps
Cadmium	111-1	4117	3760	3869	3915	4.66	cps
Cadmium	106-1	4868	4609	4676	4718	2.84	cps
Cadmium	108-1	58	71	71	67	10.83	cps
Calcium	43-1	1183	1042	1308	1178	11.33	cps
Calcium	44-1	32386	31535	31176	31699	1.96	cps
Chromium	52-2	3524	3617	3404	3515	3.04	cps
Cobalt	59-2	2244	2057	2177	2159	4.38	cps
Copper	63-2	3874	3811	3921	3868	1.43	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	25	58	75	53	48.24	cps
Erbium	164-2	17	33	20	23	37.78	cps
Gadolinium	160-1	67	83	17	56	62.45	cps
Gadolinium	160-2	77	73	73	74	2.59	cps
Holmium	165-1	8522471	8565688	8730531	8606230	1.28	cps
Holmium	165-2	6786638	6776878	6807866	6790461	0.23	cps
Indium	115-1	7130434	7100289	7233281	7154668	0.97	cps
Indium	115-2	2369214	2389827	2405975	2388339	0.77	cps
Iron	56-2	53135	54490	53486	53704	1.31	cps
Iron	57-2	1450	1472	1406	1443	2.35	cps
Lead	206-1	2122	1906	1845	1958	7.46	cps
Lead	207-1	1839	1545	1806	1730	9.32	cps
Lead	208-1	8018	7612	7896	7842	2.65	cps
Lithium	6-1	298775	294237	301572	298194	1.24	cps
Magnesium	24-2	7135	7160	6960	7085	1.54	cps
Manganese	55-2	1480	1510	1573	1521	3.13	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-1	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:27:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4993	5234	5160	5129	2.41	cps
Molybdenum	95-1	6452	6235	6252	6313	1.91	cps
Molybdenum	96-1	6944	6969	7077	6996	1.01	cps
Molybdenum	97-1	3867	4301	3892	4020	6.05	cps
Molybdenum	98-1	9537	9754	10154	9815	3.19	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	537	527	543	536	1.57	cps
Phosphorus	31-2	375	342	267	328	16.93	cps
Potassium	39-2	38025	37289	35928	37081	2.87	cps
Rhodium	103-1	6450587	6415669	6515693	6460650	0.79	cps
Rhodium	103-2	4521262	4583090	4571619	4558657	0.72	cps
Scandium	45-1	3274805	3271412	3355282	3300500	1.44	cps
Scandium	45-2	299687	303316	298948	300650	0.78	cps
Selenium	77-2	7	3	10	7	50.03	cps
Selenium	78-2	178	193	176	182	5.02	cps
Selenium	82-1	182	176	225	195	13.70	cps
Silicon	28-1	208128	211805	213640	211191	1.33	cps
Silver	109-1	3509	3751	3701	3653	3.49	cps
Silver	107-1	3609	3651	4042	3767	6.35	cps
Sodium	23-2	28403	28461	29688	28851	2.52	cps
Strontium	86-1	1709	1875	1767	1784	4.74	cps
Strontium	88-1	7602	7352	7194	7383	2.79	cps
Sulfur	34-1	147709	146817	147252	147260	0.30	cps
Terbium	159-1	8767833	8882823	9107958	8919538	1.94	cps
Terbium	159-2	6790810	6776484	6844308	6803867	0.53	cps
Thallium	203-1	2134	2334	2292	2253	4.68	cps
Thallium	205-1	5185	5451	5501	5379	3.17	cps
Tin	118-1	2800	2942	2909	2884	2.57	cps
Titanium	47-1	1258	1300	1350	1303	3.52	cps
Uranium	238-1	6210	6669	6652	6510	3.99	cps
Vanadium	51-2	943	967	1103	1004	8.60	cps
Yttrium	89-1	7263544	7163313	7369607	7265488	1.42	cps
Yttrium	89-2	1796372	1828032	1825963	1816789	0.97	cps
Zinc	66-2	633	517	517	556	12.12	cps
Zirconium	90-1	4626	4192	4251	4356	5.40	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-1	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:27:34	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1058	1108	817	995	15.69	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-2	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:31:08	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	708	675	658	681	3.74	cps
Antimony	121-1	2525	2475	2450	2484	1.54	cps
Arsenic	75-2	113	159	150	141	17.41	cps
Barium	135-1	3100	3025	3317	3148	4.81	cps
Barium	137-1	5193	4909	5335	5146	4.21	cps
Beryllium	9-1	100	150	139	130	20.26	cps
Bismuth	209-1	4891905	4968362	4928145	4929470	0.78	cps
Bismuth	209-2	4474081	4529450	4532921	4512151	0.73	cps
Boron	10-1	100	117	25	81	60.62	cps
Boron	11-1	325	333	367	342	6.45	cps
Cadmium	111-1	3897	3655	3899	3817	3.68	cps
Cadmium	106-1	4776	4443	4801	4673	4.28	cps
Cadmium	108-1	42	67	71	60	26.41	cps
Calcium	43-1	1050	1183	1117	1117	5.97	cps
Calcium	44-1	31443	30950	31409	31267	0.88	cps
Chromium	52-2	3611	3631	3647	3629	0.51	cps
Cobalt	59-2	1980	2020	1984	1995	1.11	cps
Copper	63-2	4074	3884	3684	3881	5.03	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	25	17	50	31	56.77	cps
Erbium	164-2	30	7	13	17	72.11	cps
Gadolinium	160-1	67	58	42	56	22.91	cps
Gadolinium	160-2	97	97	107	100	5.77	cps
Holmium	165-1	8712702	8634602	8564599	8637301	0.86	cps
Holmium	165-2	6757928	6825006	6842942	6808626	0.66	cps
Indium	115-1	7170851	7246982	7171591	7196475	0.61	cps
Indium	115-2	2388020	2406305	2430513	2408279	0.89	cps
Iron	56-2	53877	54407	53944	54076	0.53	cps
Iron	57-2	1406	1556	1700	1554	9.48	cps
Lead	206-1	1961	1939	1834	1911	3.57	cps
Lead	207-1	1583	1761	1672	1672	5.32	cps
Lead	208-1	7607	7746	7368	7573	2.52	cps
Lithium	6-1	301169	305001	302200	302790	0.65	cps
Magnesium	24-2	6610	7127	7252	6996	4.86	cps
Manganese	55-2	1467	1563	1493	1508	3.31	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-2	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:31:08	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4901	5009	5176	5029	2.76	cps
Molybdenum	95-1	5993	6060	6085	6046	0.78	cps
Molybdenum	96-1	6752	6894	6669	6771	1.68	cps
Molybdenum	97-1	3609	3692	3434	3578	3.69	cps
Molybdenum	98-1	9795	10179	9295	9757	4.54	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	563	493	543	533	6.76	cps
Phosphorus	31-2	300	425	258	328	26.46	cps
Potassium	39-2	37005	36262	36671	36646	1.02	cps
Rhodium	103-1	6422345	6455200	6433973	6437173	0.26	cps
Rhodium	103-2	4584186	4652266	4677390	4637948	1.04	cps
Scandium	45-1	3347760	3339058	3290509	3325776	0.93	cps
Scandium	45-2	301979	300857	302895	301910	0.34	cps
Selenium	77-2	0	3	13	6	124.93	cps
Selenium	78-2	154	157	165	159	3.57	cps
Selenium	82-1	57	60	50	56	9.63	cps
Silicon	28-1	208425	212817	210027	210423	1.06	cps
Silver	109-1	3776	3617	3459	3617	4.38	cps
Silver	107-1	3884	4109	3809	3934	3.97	cps
Sodium	23-2	28060	27209	28678	27982	2.64	cps
Strontium	86-1	1725	1784	1750	1753	1.67	cps
Strontium	88-1	7419	7469	7077	7322	2.91	cps
Sulfur	34-1	147069	149753	151631	149485	1.53	cps
Terbium	159-1	8998500	8991933	8838175	8942870	1.01	cps
Terbium	159-2	6802162	6865796	6961028	6876328	1.16	cps
Thallium	203-1	2000	2400	2092	2164	9.68	cps
Thallium	205-1	5285	5043	5051	5126	2.68	cps
Tin	118-1	2950	3034	2942	2975	1.70	cps
Titanium	47-1	1517	1283	1542	1447	9.85	cps
Uranium	238-1	6585	6977	6710	6758	2.96	cps
Vanadium	51-2	973	963	967	968	0.53	cps
Yttrium	89-1	7407199	7424852	7302381	7378144	0.90	cps
Yttrium	89-2	1823522	1849064	1845618	1839401	0.75	cps
Zinc	66-2	473	500	507	493	3.58	cps
Zirconium	90-1	4243	4134	4351	4243	2.55	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-2	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:31:08	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	933	892	950	925	3.25	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-3	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:34:41	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	625	858	867	783	17.51	cps
Antimony	121-1	2284	2525	2542	2450	5.90	cps
Arsenic	75-2	135	146	156	146	7.00	cps
Barium	135-1	3142	3117	2842	3034	5.49	cps
Barium	137-1	5026	5426	5585	5346	5.38	cps
Beryllium	9-1	133	194	222	183	24.80	cps
Bismuth	209-1	5019186	4933919	4957565	4970224	0.89	cps
Bismuth	209-2	4675498	4600519	4545930	4607316	1.41	cps
Boron	10-1	50	83	50	61	31.50	cps
Boron	11-1	292	225	350	289	21.65	cps
Cadmium	111-1	3753	3621	3912	3762	3.88	cps
Cadmium	106-1	4643	4284	4776	4568	5.57	cps
Cadmium	108-1	67	46	50	54	20.36	cps
Calcium	43-1	1075	892	1092	1020	10.89	cps
Calcium	44-1	31276	31067	31468	31270	0.64	cps
Chromium	52-2	3470	3607	3641	3573	2.52	cps
Cobalt	59-2	2024	2197	2054	2091	4.43	cps
Copper	63-2	3654	3787	3861	3767	2.78	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	8	58	36	70.51	cps
Erbium	164-2	37	27	23	29	24.03	cps
Gadolinium	160-1	33	67	75	58	37.80	cps
Gadolinium	160-2	123	93	93	103	16.76	cps
Holmium	165-1	8648822	8686545	8616107	8650491	0.41	cps
Holmium	165-2	6944692	6887413	6787386	6873164	1.16	cps
Indium	115-1	7308529	7110180	7201388	7206699	1.38	cps
Indium	115-2	2442212	2415539	2409163	2422305	0.72	cps
Iron	56-2	53988	54451	53057	53832	1.32	cps
Iron	57-2	1261	1639	1472	1458	12.99	cps
Lead	206-1	1995	1895	1939	1943	2.58	cps
Lead	207-1	1739	1589	1806	1711	6.49	cps
Lead	208-1	7923	7423	7857	7734	3.51	cps
Lithium	6-1	304739	303647	303770	304052	0.20	cps
Magnesium	24-2	6785	7711	7694	7397	7.16	cps
Manganese	55-2	1423	1437	1497	1452	2.69	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-3	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:34:41	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5034	4934	5243	5071	3.10	cps
Molybdenum	95-1	6068	6060	6002	6043	0.60	cps
Molybdenum	96-1	6744	6527	7194	6821	4.99	cps
Molybdenum	97-1	3509	3784	3676	3656	3.79	cps
Molybdenum	98-1	10421	10354	10004	10260	2.18	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	527	537	543	536	1.57	cps
Phosphorus	31-2	292	250	292	278	8.66	cps
Potassium	39-2	37657	37523	37348	37510	0.41	cps
Rhodium	103-1	6458830	6517435	6488541	6488269	0.45	cps
Rhodium	103-2	4702134	4669695	4652937	4674922	0.54	cps
Scandium	45-1	3344606	3333272	3286007	3321295	0.94	cps
Scandium	45-2	310225	306943	307007	308058	0.61	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	170	169	165	168	1.68	cps
Selenium	82-1	74	58	102	78	28.44	cps
Silicon	28-1	209484	213038	215023	212515	1.32	cps
Silver	109-1	3859	3667	3842	3790	2.80	cps
Silver	107-1	3959	4109	4001	4023	1.93	cps
Sodium	23-2	28703	28060	27510	28091	2.13	cps
Strontium	86-1	1759	1917	1800	1825	4.50	cps
Strontium	88-1	6869	7285	7386	7180	3.82	cps
Sulfur	34-1	150606	151452	151723	151260	0.39	cps
Terbium	159-1	9010310	9017044	8985560	9004305	0.18	cps
Terbium	159-2	6976930	6907709	6984141	6956260	0.61	cps
Thallium	203-1	2150	2234	2317	2234	3.73	cps
Thallium	205-1	5585	5376	5368	5443	2.26	cps
Tin	118-1	3225	2784	3209	3073	8.15	cps
Titanium	47-1	1300	1358	1242	1300	4.49	cps
Uranium	238-1	5993	6627	6369	6330	5.03	cps
Vanadium	51-2	980	950	963	964	1.56	cps
Yttrium	89-1	7318492	7356923	7407565	7360993	0.61	cps
Yttrium	89-2	1862810	1847621	1836545	1848992	0.71	cps
Zinc	66-2	497	490	537	508	4.97	cps
Zirconium	90-1	4409	3967	4668	4348	8.14	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-3	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:34:41	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1033	975	1033	1014	3.32	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-4	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:38:14	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	783	808	708	767	6.79	cps
Antimony	121-1	2625	2600	2525	2584	2.01	cps
Arsenic	75-2	131	130	148	136	7.48	cps
Barium	135-1	3200	2967	3125	3098	3.85	cps
Barium	137-1	5726	5376	5518	5540	3.18	cps
Beryllium	9-1	117	161	183	154	22.09	cps
Bismuth	209-1	4926802	4893398	4835305	4885168	0.95	cps
Bismuth	209-2	4588315	4548432	4559421	4565389	0.45	cps
Boron	10-1	17	58	33	36	58.08	cps
Boron	11-1	350	275	342	322	12.76	cps
Cadmium	111-1	3912	3968	3814	3898	2.00	cps
Cadmium	106-1	4826	4809	4593	4743	2.75	cps
Cadmium	108-1	71	88	25	61	52.96	cps
Calcium	43-1	1300	1125	1158	1195	7.78	cps
Calcium	44-1	32019	31059	30966	31348	1.86	cps
Chromium	52-2	3581	3751	3497	3609	3.58	cps
Cobalt	59-2	2050	2130	2060	2080	2.10	cps
Copper	63-2	3580	3871	3911	3787	4.76	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	8	17	42	22	78.07	cps
Erbium	164-2	17	20	13	17	20.01	cps
Gadolinium	160-1	58	33	42	44	28.65	cps
Gadolinium	160-2	110	77	93	93	17.85	cps
Holmium	165-1	8632975	8619329	8706546	8652950	0.54	cps
Holmium	165-2	6911601	6882569	6832516	6875562	0.58	cps
Indium	115-1	7239279	7204953	7175149	7206461	0.45	cps
Indium	115-2	2393286	2413009	2418379	2408225	0.55	cps
Iron	56-2	53832	53966	53281	53693	0.68	cps
Iron	57-2	1606	1556	1478	1546	4.16	cps
Lead	206-1	2106	1839	2006	1984	6.79	cps
Lead	207-1	1661	1778	1784	1741	3.97	cps
Lead	208-1	8035	7668	7779	7827	2.40	cps
Lithium	6-1	307213	311390	304825	307809	1.08	cps
Magnesium	24-2	6577	7444	7052	7024	6.18	cps
Manganese	55-2	1587	1347	1317	1417	10.45	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-4	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:38:14	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5134	5368	4809	5104	5.50	cps
Molybdenum	95-1	6543	5743	5910	6065	6.96	cps
Molybdenum	96-1	6618	6835	6902	6785	2.18	cps
Molybdenum	97-1	3951	3742	3751	3815	3.09	cps
Molybdenum	98-1	9804	9737	9870	9804	0.68	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	490	507	573	523	8.43	cps
Phosphorus	31-2	292	342	325	319	7.97	cps
Potassium	39-2	36988	36529	37490	37003	1.30	cps
Rhodium	103-1	6431716	6460524	6463682	6451974	0.27	cps
Rhodium	103-2	4626963	4607226	4647414	4627201	0.43	cps
Scandium	45-1	3315464	3318680	3305197	3313114	0.21	cps
Scandium	45-2	301224	299079	302097	300800	0.52	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	169	150	163	160	5.92	cps
Selenium	82-1	118	-21	120	72	112.34	cps
Silicon	28-1	207628	213525	213240	211464	1.57	cps
Silver	109-1	3876	3509	3726	3703	4.98	cps
Silver	107-1	4017	3884	3859	3920	2.17	cps
Sodium	23-2	27334	26800	28060	27398	2.31	cps
Strontium	86-1	1742	1659	1575	1659	5.03	cps
Strontium	88-1	7644	7269	7319	7411	2.75	cps
Sulfur	34-1	153331	153676	154342	153783	0.33	cps
Terbium	159-1	9030272	9092890	8946704	9023289	0.81	cps
Terbium	159-2	6869414	6880546	6948058	6899339	0.62	cps
Thallium	203-1	2342	2217	2217	2259	3.20	cps
Thallium	205-1	5635	5435	5043	5371	5.61	cps
Tin	118-1	3025	2959	2875	2953	2.55	cps
Titanium	47-1	1458	1383	1458	1433	3.02	cps
Uranium	238-1	6360	6502	6735	6533	2.90	cps
Vanadium	51-2	920	913	957	930	2.51	cps
Yttrium	89-1	7393061	7411227	7289198	7364495	0.89	cps
Yttrium	89-2	1827975	1832837	1832019	1830944	0.14	cps
Zinc	66-2	530	490	557	526	6.38	cps
Zirconium	90-1	4418	4343	4167	4309	2.98	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-4	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:38:14	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	892	1017	908	939	7.23	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-5	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:41:48	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	767	758	700	742	4.90	cps
Antimony	121-1	2517	2525	2709	2584	4.19	cps
Arsenic	75-2	131	157	126	138	12.15	cps
Barium	135-1	3409	3209	2942	3187	7.35	cps
Barium	137-1	5276	5193	5510	5326	3.08	cps
Beryllium	9-1	167	217	106	163	34.15	cps
Bismuth	209-1	4874367	4946865	4947755	4922995	0.86	cps
Bismuth	209-2	4555753	4550059	4522449	4542754	0.39	cps
Boron	10-1	17	25	67	36	74.18	cps
Boron	11-1	267	267	275	269	1.78	cps
Cadmium	111-1	3761	3845	4062	3889	4.00	cps
Cadmium	106-1	4618	4643	5001	4754	4.51	cps
Cadmium	108-1	67	54	67	63	11.55	cps
Calcium	43-1	1083	1100	1217	1133	6.41	cps
Calcium	44-1	31343	30207	30574	30708	1.89	cps
Chromium	52-2	3514	3404	3534	3484	2.01	cps
Cobalt	59-2	1913	2060	2057	2010	4.17	cps
Copper	63-2	3771	3857	3637	3755	2.95	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	20	23	27	23	14.29	cps
Gadolinium	160-1	50	142	100	97	47.21	cps
Gadolinium	160-2	77	80	90	82	8.44	cps
Holmium	165-1	8849047	8715959	8850876	8805294	0.88	cps
Holmium	165-2	6869465	6783469	6800493	6817809	0.67	cps
Indium	115-1	7290757	7194004	7219336	7234699	0.69	cps
Indium	115-2	2393754	2420077	2407543	2407125	0.55	cps
Iron	56-2	54396	53609	54942	54316	1.23	cps
Iron	57-2	1567	1656	1395	1539	8.63	cps
Lead	206-1	1739	1934	1922	1865	5.86	cps
Lead	207-1	1678	1745	1800	1741	3.52	cps
Lead	208-1	7496	7746	7873	7705	2.49	cps
Lithium	6-1	307820	304947	307180	306649	0.49	cps
Magnesium	24-2	7436	7410	6852	7233	4.56	cps
Manganese	55-2	1397	1383	1577	1452	7.44	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-5	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:41:48	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4726	4851	4526	4701	3.49	cps
Molybdenum	95-1	6302	6268	6035	6202	2.34	cps
Molybdenum	96-1	6927	7010	7219	7052	2.13	cps
Molybdenum	97-1	4042	3901	3584	3842	6.11	cps
Molybdenum	98-1	10146	9979	9770	9965	1.89	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	477	587	540	534	10.33	cps
Phosphorus	31-2	283	275	258	272	4.68	cps
Potassium	39-2	36387	36320	36747	36485	0.63	cps
Rhodium	103-1	6464805	6522589	6562614	6516669	0.75	cps
Rhodium	103-2	4617538	4669845	4601243	4629542	0.77	cps
Scandium	45-1	3326126	3353372	3315351	3331616	0.59	cps
Scandium	45-2	296402	299156	302131	299230	0.96	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	141	180	176	165	12.97	cps
Selenium	82-1	122	106	69	99	27.15	cps
Silicon	28-1	207469	213157	211128	210584	1.37	cps
Silver	109-1	3409	3542	3859	3603	6.42	cps
Silver	107-1	3784	3859	3767	3803	1.28	cps
Sodium	23-2	27910	28411	27810	28044	1.15	cps
Strontium	86-1	1792	1600	1667	1686	5.77	cps
Strontium	88-1	7369	6827	7252	7149	3.99	cps
Sulfur	34-1	152354	152413	155081	153283	1.02	cps
Terbium	159-1	9057088	9022546	9055142	9044925	0.21	cps
Terbium	159-2	6940249	6897092	6874567	6903969	0.48	cps
Thallium	203-1	2217	2267	2417	2300	4.53	cps
Thallium	205-1	5368	5426	5293	5362	1.25	cps
Tin	118-1	2992	3326	3184	3167	5.28	cps
Titanium	47-1	1308	1483	1475	1422	6.94	cps
Uranium	238-1	6427	6677	6410	6505	2.30	cps
Vanadium	51-2	863	883	1050	932	10.99	cps
Yttrium	89-1	7320407	7386496	7274454	7327119	0.77	cps
Yttrium	89-2	1835133	1840069	1834182	1836461	0.17	cps
Zinc	66-2	530	583	457	523	12.15	cps
Zirconium	90-1	3992	4092	4226	4104	2.85	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-5	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:41:48	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	917	858	942	906	4.72	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-6	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:45:22	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1525	1525	1425	1492	3.87	cps
Antimony	121-1	2525	2567	2292	2461	6.02	cps
Arsenic	75-2	148	128	137	138	7.41	cps
Barium	135-1	3442	3084	3092	3206	6.38	cps
Barium	137-1	5651	5218	5376	5415	4.05	cps
Beryllium	9-1	72	106	111	96	21.84	cps
Bismuth	209-1	4868128	5171450	5003713	5014430	3.03	cps
Bismuth	209-2	4467924	4518055	4592503	4526161	1.38	cps
Boron	10-1	83	50	33	56	45.83	cps
Boron	11-1	242	283	267	264	7.95	cps
Cadmium	111-1	3879	3844	4025	3916	2.44	cps
Cadmium	106-1	4801	4768	4934	4834	1.82	cps
Cadmium	108-1	75	79	96	83	13.23	cps
Calcium	43-1	1033	1242	1042	1106	10.67	cps
Calcium	44-1	33881	33196	33932	33670	1.22	cps
Chromium	52-2	3547	3564	3574	3562	0.38	cps
Cobalt	59-2	2167	2100	1954	2074	5.26	cps
Copper	63-2	3894	3991	3914	3933	1.30	cps
Dysprosium	156-1	33	8	8	17	86.64	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	33	33	31	15.75	cps
Erbium	164-2	13	10	27	17	52.93	cps
Gadolinium	160-1	83	33	83	67	43.31	cps
Gadolinium	160-2	87	117	100	101	14.87	cps
Holmium	165-1	8684777	9030006	8791156	8835313	2.00	cps
Holmium	165-2	6817675	6953636	6874984	6882098	0.99	cps
Indium	115-1	7174563	7497353	7258884	7310266	2.29	cps
Indium	115-2	2393815	2410633	2420945	2408464	0.57	cps
Iron	56-2	54345	54646	54055	54349	0.54	cps
Iron	57-2	1550	1617	1433	1533	6.05	cps
Lead	206-1	1989	1861	1956	1935	3.43	cps
Lead	207-1	1750	1683	1722	1719	1.95	cps
Lead	208-1	7440	7418	7807	7555	2.89	cps
Lithium	6-1	308178	313391	307524	309698	1.04	cps
Magnesium	24-2	7027	7094	7319	7146	2.14	cps
Manganese	55-2	1433	1497	1440	1457	2.39	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-6	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:45:22	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4909	4726	5034	4890	3.17	cps
Molybdenum	95-1	5943	6085	6310	6113	3.03	cps
Molybdenum	96-1	6594	6994	7019	6869	3.47	cps
Molybdenum	97-1	3734	3842	3692	3756	2.06	cps
Molybdenum	98-1	10121	9579	9870	9857	2.75	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	560	573	553	562	1.81	cps
Phosphorus	31-2	408	292	333	344	17.17	cps
Potassium	39-2	36822	37223	37858	37301	1.40	cps
Rhodium	103-1	6424393	6719757	6557069	6567073	2.25	cps
Rhodium	103-2	4551391	4649255	4683133	4627926	1.48	cps
Scandium	45-1	3313093	3494902	3410592	3406196	2.67	cps
Scandium	45-2	296151	302826	304703	301227	1.49	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	189	180	172	180	4.63	cps
Selenium	82-1	73	66	110	83	28.33	cps
Silicon	28-1	210129	211718	216832	212893	1.65	cps
Silver	109-1	3809	3417	3809	3678	6.15	cps
Silver	107-1	3817	3951	3951	3906	1.97	cps
Sodium	23-2	28996	29313	28428	28912	1.55	cps
Strontium	86-1	1492	1575	1567	1545	2.97	cps
Strontium	88-1	7602	6952	7752	7436	5.72	cps
Sulfur	34-1	151859	154646	156077	154194	1.39	cps
Terbium	159-1	9045302	9468236	9120850	9211463	2.45	cps
Terbium	159-2	6855737	6865452	6961384	6894191	0.85	cps
Thallium	203-1	2084	2184	2284	2184	4.58	cps
Thallium	205-1	5185	5435	5276	5299	2.39	cps
Tin	118-1	3251	2984	3201	3145	4.51	cps
Titanium	47-1	1517	1392	1200	1370	11.65	cps
Uranium	238-1	6302	6627	6452	6460	2.52	cps
Vanadium	51-2	857	983	910	917	6.94	cps
Yttrium	89-1	7292950	7689210	7402831	7461664	2.74	cps
Yttrium	89-2	1805436	1841579	1852401	1833139	1.34	cps
Zinc	66-2	623	653	553	610	8.41	cps
Zirconium	90-1	4251	4509	4334	4365	3.02	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-6	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:45:22	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1033	883	758	892	15.44	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-7	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:48:55	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1592	1700	1717	1670	4.07	cps
Antimony	121-1	2567	2092	2459	2373	10.49	cps
Arsenic	75-2	165	165	156	162	3.31	cps
Barium	135-1	2959	3175	3376	3170	6.58	cps
Barium	137-1	5226	5460	4968	5218	4.72	cps
Beryllium	9-1	156	222	133	170	27.15	cps
Bismuth	209-1	4893875	5007813	4932620	4944770	1.17	cps
Bismuth	209-2	4452815	4406720	4576395	4478643	1.96	cps
Boron	10-1	50	33	50	44	21.66	cps
Boron	11-1	267	242	283	264	7.95	cps
Cadmium	111-1	4086	3972	3972	4010	1.64	cps
Cadmium	106-1	4909	4976	4951	4946	0.68	cps
Cadmium	108-1	54	58	50	54	7.69	cps
Calcium	43-1	1275	1250	1092	1206	8.25	cps
Calcium	44-1	33873	33172	33815	33620	1.16	cps
Chromium	52-2	3520	3560	3434	3505	1.85	cps
Cobalt	59-2	2094	1974	1974	2014	3.44	cps
Copper	63-2	3824	4047	3797	3889	3.53	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	42	17	8	22	78.07	cps
Erbium	164-2	17	13	27	19	36.75	cps
Gadolinium	160-1	42	58	50	50	16.67	cps
Gadolinium	160-2	97	110	110	106	7.29	cps
Holmium	165-1	8819527	8935432	8780816	8845259	0.91	cps
Holmium	165-2	6848060	6810900	6892491	6850484	0.60	cps
Indium	115-1	7315091	7319179	7362715	7332328	0.36	cps
Indium	115-2	2397916	2373110	2437911	2402979	1.36	cps
Iron	56-2	54607	54217	53972	54265	0.59	cps
Iron	57-2	1606	1511	1378	1498	7.64	cps
Lead	206-1	2172	1889	2039	2034	6.97	cps
Lead	207-1	1650	1784	1595	1676	5.79	cps
Lead	208-1	7746	7657	7973	7792	2.10	cps
Lithium	6-1	311476	315540	312309	313108	0.69	cps
Magnesium	24-2	7219	7185	6860	7088	2.79	cps
Manganese	55-2	1450	1577	1563	1530	4.55	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-7	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:48:55	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4893	5160	4709	4921	4.60	cps
Molybdenum	95-1	6243	5960	6093	6099	2.33	cps
Molybdenum	96-1	6644	7135	6502	6760	4.92	cps
Molybdenum	97-1	4176	3809	3792	3926	5.52	cps
Molybdenum	98-1	9445	9737	9604	9595	1.52	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	660	553	627	613	8.90	cps
Phosphorus	31-2	325	200	283	269	23.62	cps
Potassium	39-2	37716	38367	36537	37540	2.47	cps
Rhodium	103-1	6567583	6583034	6608438	6586352	0.31	cps
Rhodium	103-2	4586443	4608117	4660989	4618516	0.83	cps
Scandium	45-1	3363902	3382197	3358780	3368293	0.37	cps
Scandium	45-2	300487	291235	307677	299800	2.75	cps
Selenium	77-2	17	7	3	9	78.08	cps
Selenium	78-2	170	156	143	156	8.90	cps
Selenium	82-1	11	64	105	60	78.89	cps
Silicon	28-1	209741	211626	215455	212274	1.37	cps
Silver	109-1	3701	3617	3751	3690	1.83	cps
Silver	107-1	3967	3842	4142	3984	3.78	cps
Sodium	23-2	28378	27952	28762	28364	1.43	cps
Strontium	86-1	1592	1567	1700	1620	4.38	cps
Strontium	88-1	7236	7294	7711	7413	3.50	cps
Sulfur	34-1	158966	158881	157693	158513	0.45	cps
Terbium	159-1	9120250	9105184	9146964	9124133	0.23	cps
Terbium	159-2	6928311	6752701	7040784	6907265	2.10	cps
Thallium	203-1	2309	2234	2259	2267	1.69	cps
Thallium	205-1	5576	5426	5135	5379	4.18	cps
Tin	118-1	3159	2825	3025	3003	5.59	cps
Titanium	47-1	1400	1300	1442	1381	5.27	cps
Uranium	238-1	6319	6811	6577	6569	3.75	cps
Vanadium	51-2	1050	950	1007	1002	5.00	cps
Yttrium	89-1	7506953	7471374	7427262	7468530	0.53	cps
Yttrium	89-2	1808430	1808235	1850563	1822409	1.34	cps
Zinc	66-2	487	587	547	540	9.32	cps
Zirconium	90-1	4301	3876	4226	4134	5.49	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL-MDL-7	Instrumnet Name :	P7
Client Sample ID :	SOIL-MDL-7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:48:55	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1017	1050	842	970	11.54	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P7
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:52:42	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6237288	6293357	6292700	6274449	0.51	cps
Antimony	121-1	5109015	5151614	5184254	5148294	0.73	cps
Arsenic	75-2	258792	259169	262727	260229	0.83	cps
Barium	135-1	6459511	6410654	6417655	6429273	0.41	cps
Barium	137-1	11246685	11158338	11158685	11187903	0.46	cps
Beryllium	9-1	302391	298578	299894	300288	0.64	cps
Bismuth	209-1	4978244	4954746	4974915	4969301	0.26	cps
Bismuth	209-2	4275956	4336149	4342839	4318315	0.85	cps
Boron	10-1	39185	39661	40639	39829	1.86	cps
Boron	11-1	198325	198858	205422	200868	1.97	cps
Cadmium	111-1	1198086	1195218	1198012	1197106	0.14	cps
Cadmium	106-1	125444	123981	126544	125323	1.03	cps
Cadmium	108-1	84412	84106	84814	84444	0.42	cps
Calcium	43-1	5752939	5716612	5752504	5740685	0.36	cps
Calcium	44-1	94723583	93592833	94291252	94202556	0.61	cps
Chromium	52-2	2159286	2179142	2180868	2173099	0.55	cps
Cobalt	59-2	3319870	3335098	3353335	3336101	0.50	cps
Copper	63-2	4701150	4721941	4750905	4724665	0.53	cps
Dysprosium	156-1	117	167	175	153	20.65	cps
Dysprosium	156-2	93	77	103	91	14.79	cps
Erbium	164-1	83	58	92	78	22.30	cps
Erbium	164-2	23	57	47	42	40.52	cps
Gadolinium	160-1	100	92	117	103	12.39	cps
Gadolinium	160-2	103	127	110	113	10.60	cps
Holmium	165-1	9384554	9286900	9376185	9349213	0.58	cps
Holmium	165-2	6951767	6965728	7006124	6974540	0.40	cps
Indium	115-1	6964688	6941135	6992302	6966042	0.37	cps
Indium	115-2	2227737	2246314	2256322	2243457	0.65	cps
Iron	56-2	455881210	459746933	460704144	458777429	0.56	cps
Iron	57-2	11283118	11260207	11342329	11295218	0.38	cps
Lead	206-1	3727943	3714209	3693312	3711821	0.47	cps
Lead	207-1	3272488	3283892	3241757	3266046	0.67	cps
Lead	208-1	15002259	14917740	14704215	14874738	1.03	cps
Lithium	6-1	318411	315867	313822	316033	0.73	cps
Magnesium	24-2	68000093	68564985	69005768	68523615	0.74	cps
Manganese	55-2	2626730	2645809	2662636	2645058	0.68	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P7
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:52:42	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10259629	10183150	10274630	10239137	0.48	cps
Molybdenum	95-1	12535289	12503601	12637924	12558938	0.56	cps
Molybdenum	96-1	14059933	13993167	14087190	14046763	0.34	cps
Molybdenum	97-1	7787378	7848662	7879367	7838469	0.60	cps
Molybdenum	98-1	20109032	20324205	20485060	20306099	0.93	cps
Neodymium	150-1	260	240	313	271	13.98	cps
Neodymium	150-2	53	60	73	62	16.37	cps
Nickel	60-2	861786	867670	878682	869380	0.99	cps
Phosphorus	31-2	75130	75106	75751	75329	0.49	cps
Potassium	39-2	43460841	43769852	44094656	43775116	0.72	cps
Rhodium	103-1	5806293	5886501	5880115	5857636	0.76	cps
Rhodium	103-2	4122997	4120426	4154322	4132581	0.46	cps
Scandium	45-1	3250578	3247252	3275308	3257713	0.47	cps
Scandium	45-2	290948	293158	295111	293073	0.71	cps
Selenium	77-2	6218	6131	5971	6107	2.05	cps
Selenium	78-2	19951	20149	20604	20235	1.65	cps
Selenium	82-1	70547	72566	72578	71897	1.63	cps
Silicon	28-1	2278650	2284375	2289156	2284061	0.23	cps
Silver	109-1	5549561	5595271	5603333	5582722	0.52	cps
Silver	107-1	5757412	5775435	5822354	5785067	0.58	cps
Sodium	23-2	131833670	131881465	133250824	132321986	0.61	cps
Strontium	86-1	1690040	1690710	1687707	1689486	0.09	cps
Strontium	88-1	15105500	15033425	15113599	15084175	0.29	cps
Sulfur	34-1	731257	720404	719747	723803	0.89	cps
Terbium	159-1	9578207	9562034	9568691	9569644	0.08	cps
Terbium	159-2	6943541	6992653	6988392	6974862	0.39	cps
Thallium	203-1	4682514	4665855	4709350	4685906	0.47	cps
Thallium	205-1	11159024	11220017	11150898	11176647	0.34	cps
Tin	118-1	4174245	4235503	4253490	4221079	0.98	cps
Titanium	47-1	2674884	2673337	2692698	2680307	0.40	cps
Uranium	238-1	15170166	15143310	14908944	15074140	0.95	cps
Vanadium	51-2	1771455	1790433	1795654	1785847	0.71	cps
Yttrium	89-1	7327582	7281473	7349100	7319385	0.47	cps
Yttrium	89-2	1757074	1754745	1780835	1764218	0.82	cps
Zinc	66-2	664153	668579	675489	669407	0.85	cps
Zirconium	90-1	8581467	8521045	8542869	8548460	0.36	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV048	Instrumnet Name :	P7
Client Sample ID :	CCV048	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:52:42	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1888595	1876659	1878779	1881344	0.34	cps

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : CCB048 Instrumnet Name : P7
 Client Sample ID : CCB048 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 13:56:20 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375	317	467	386	19.59	cps
Antimony	121-1	12690	12231	11313	12078	5.80	cps
Arsenic	75-2	57	35	63	52	28.34	cps
Barium	135-1	142	108	167	139	21.07	cps
Barium	137-1	192	192	142	175	16.50	cps
Beryllium	9-1	17	22	22	20	15.73	cps
Bismuth	209-1	5300952	5185779	5207746	5231492	1.17	cps
Bismuth	209-2	4671185	4628566	4634554	4644768	0.50	cps
Boron	10-1	458	467	367	431	12.89	cps
Boron	11-1	2259	2284	1875	2139	10.70	cps
Cadmium	111-1	3430	3422	3290	3381	2.32	cps
Cadmium	106-1	4884	4859	4693	4812	2.17	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	417	458	425	433	5.09	cps
Calcium	44-1	23761	23469	23578	23603	0.62	cps
Chromium	52-2	2490	2544	2394	2476	3.07	cps
Cobalt	59-2	197	163	187	182	9.39	cps
Copper	63-2	1457	1517	1380	1451	4.72	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	13	27	27	22	34.66	cps
Gadolinium	160-1	42	33	33	36	13.33	cps
Gadolinium	160-2	67	87	67	73	15.75	cps
Holmium	165-1	9254112	9144088	9094252	9164151	0.89	cps
Holmium	165-2	6988154	6952104	6894847	6945035	0.68	cps
Indium	115-1	7369852	7311870	7341740	7341154	0.39	cps
Indium	115-2	2398093	2412891	2386324	2399103	0.55	cps
Iron	56-2	32381	30315	28183	30293	6.93	cps
Iron	57-2	983	878	817	893	9.45	cps
Lead	206-1	1139	1189	1095	1141	4.14	cps
Lead	207-1	1000	1111	978	1030	6.94	cps
Lead	208-1	4951	4750	4467	4723	5.14	cps
Lithium	6-1	316231	315035	311528	314264	0.78	cps
Magnesium	24-2	542	550	592	561	4.77	cps
Manganese	55-2	70	50	80	67	22.91	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB048	Instrumnet Name :	P7
Client Sample ID :	CCB048	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:56:20	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3484	3209	3259	3317	4.42	cps
Molybdenum	95-1	5109	4543	4334	4662	8.61	cps
Molybdenum	96-1	5418	5476	4584	5160	9.67	cps
Molybdenum	97-1	3317	2800	2667	2928	11.73	cps
Molybdenum	98-1	8470	7452	6752	7558	11.43	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	37	33	44	36.99	cps
Phosphorus	31-2	267	242	200	236	14.26	cps
Potassium	39-2	35911	36337	34708	35652	2.37	cps
Rhodium	103-1	6575150	6563283	6578307	6572247	0.12	cps
Rhodium	103-2	4566105	4577804	4565712	4569874	0.15	cps
Scandium	45-1	3320714	3268395	3275632	3288247	0.86	cps
Scandium	45-2	295542	295814	296492	295949	0.17	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	137	183	122	148	21.61	cps
Selenium	82-1	39	-5	66	33	106.06	cps
Silicon	28-1	174296	171845	170122	172088	1.22	cps
Silver	109-1	367	275	333	325	14.28	cps
Silver	107-1	300	300	358	319	10.54	cps
Sodium	23-2	30398	29113	30106	29872	2.26	cps
Strontium	86-1	867	792	892	850	6.12	cps
Strontium	88-1	417	300	467	394	21.68	cps
Sulfur	34-1	117922	117545	118208	117892	0.28	cps
Terbium	159-1	9528689	9456596	9353353	9446213	0.93	cps
Terbium	159-2	7042715	6960938	6989350	6997668	0.59	cps
Thallium	203-1	167	300	258	242	28.23	cps
Thallium	205-1	750	550	667	656	15.32	cps
Tin	118-1	3117	2992	3167	3092	2.92	cps
Titanium	47-1	167	200	167	178	10.83	cps
Uranium	238-1	417	342	400	386	10.20	cps
Vanadium	51-2	13	13	23	17	34.65	cps
Yttrium	89-1	7384555	7387302	7365244	7379034	0.16	cps
Yttrium	89-2	1817287	1826644	1823926	1822619	0.26	cps
Zinc	66-2	240	187	253	227	15.56	cps
Zirconium	90-1	2025	2000	1583	1870	13.27	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB048	Instrumnet Name :	P7
Client Sample ID :	CCB048	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 13:56:20	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	467	467	458	3.15	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-8	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:04:30	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1325	1792	1433	1517	16.10	cps
Antimony	121-1	3767	4026	3742	3845	4.08	cps
Arsenic	75-2	152	183	180	172	10.03	cps
Barium	135-1	3401	2942	3326	3223	7.63	cps
Barium	137-1	5335	5176	5126	5212	2.09	cps
Beryllium	9-1	156	178	217	183	16.87	cps
Bismuth	209-1	4957971	4938776	4995477	4964075	0.58	cps
Bismuth	209-2	4476674	4472731	4543499	4497635	0.88	cps
Boron	10-1	125	217	225	189	29.37	cps
Boron	11-1	808	708	833	783	8.44	cps
Cadmium	111-1	3854	3890	3811	3852	1.02	cps
Cadmium	106-1	4743	4643	4559	4648	1.98	cps
Cadmium	108-1	46	50	38	44	14.32	cps
Calcium	43-1	1408	1267	1392	1356	5.71	cps
Calcium	44-1	36279	37323	36579	36727	1.46	cps
Chromium	52-2	3597	3711	3527	3612	2.56	cps
Cobalt	59-2	1964	2010	1930	1968	2.04	cps
Copper	63-2	3817	3877	3914	3869	1.26	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	67	8	33	90.15	cps
Erbium	164-2	40	23	10	24	61.49	cps
Gadolinium	160-1	58	58	58	58	0.00	cps
Gadolinium	160-2	83	80	100	88	12.21	cps
Holmium	165-1	8885004	8954646	8767299	8868983	1.07	cps
Holmium	165-2	6835648	6897741	6913216	6882202	0.60	cps
Indium	115-1	7259523	7343009	7260701	7287745	0.66	cps
Indium	115-2	2384632	2403261	2395160	2394351	0.39	cps
Iron	56-2	54646	54853	55165	54888	0.48	cps
Iron	57-2	1583	1467	1717	1589	7.87	cps
Lead	206-1	2167	2100	2167	2145	1.80	cps
Lead	207-1	1934	1922	1906	1921	0.73	cps
Lead	208-1	8496	8807	8668	8657	1.80	cps
Lithium	6-1	299553	307507	305519	304193	1.36	cps
Magnesium	24-2	7419	7419	7719	7519	2.30	cps
Manganese	55-2	1497	1427	1430	1451	2.72	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-8	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:04:30	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5301	5977	5318	5532	6.96	cps
Molybdenum	95-1	6593	6327	6719	6546	3.06	cps
Molybdenum	96-1	7427	6944	7411	7260	3.78	cps
Molybdenum	97-1	4092	4017	4059	4056	0.93	cps
Molybdenum	98-1	10905	10413	10463	10593	2.56	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	513	567	527	536	5.18	cps
Phosphorus	31-2	392	392	358	381	5.06	cps
Potassium	39-2	37114	37716	38334	37721	1.62	cps
Rhodium	103-1	6452344	6605079	6469852	6509091	1.28	cps
Rhodium	103-2	4588604	4579264	4631171	4599680	0.60	cps
Scandium	45-1	3308416	3364258	3302807	3325160	1.02	cps
Scandium	45-2	299276	298626	302505	300136	0.69	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	144	163	144	151	7.10	cps
Selenium	82-1	-8	167	92	84	104.29	cps
Silicon	28-1	196102	202471	200449	199674	1.63	cps
Silver	109-1	3592	3926	3734	3751	4.46	cps
Silver	107-1	4092	3826	3934	3951	3.40	cps
Sodium	23-2	35167	35409	35351	35309	0.36	cps
Strontium	86-1	1625	1792	1559	1659	7.25	cps
Strontium	88-1	8036	7902	7561	7833	3.13	cps
Sulfur	34-1	126138	127668	126953	126920	0.60	cps
Terbium	159-1	9102111	9323263	9192313	9205896	1.21	cps
Terbium	159-2	6956084	6937263	6988333	6960560	0.37	cps
Thallium	203-1	2459	2275	2442	2392	4.24	cps
Thallium	205-1	5410	5418	5126	5318	3.12	cps
Tin	118-1	3492	3542	3592	3542	1.41	cps
Titanium	47-1	1400	1575	1600	1525	7.15	cps
Uranium	238-1	6427	6294	6335	6352	1.07	cps
Vanadium	51-2	933	970	903	936	3.57	cps
Yttrium	89-1	7393198	7446303	7372454	7403985	0.51	cps
Yttrium	89-2	1827843	1832916	1830727	1830495	0.14	cps
Zinc	66-2	617	643	587	616	4.61	cps
Zirconium	90-1	4834	5318	4784	4979	5.92	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-8	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:04:30	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	958	1050	1033	1014	4.82	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-9	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:08:03	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	750	783	767	767	2.17	cps
Antimony	121-1	3184	3567	3176	3309	6.76	cps
Arsenic	75-2	185	157	174	172	8.12	cps
Barium	135-1	3025	3142	3326	3164	4.78	cps
Barium	137-1	5318	5318	5068	5235	2.76	cps
Beryllium	9-1	183	211	144	180	18.64	cps
Bismuth	209-1	5051311	4945251	4961393	4985985	1.15	cps
Bismuth	209-2	4467979	4524430	4597327	4529912	1.43	cps
Boron	10-1	192	183	158	178	9.76	cps
Boron	11-1	825	725	867	806	9.04	cps
Cadmium	111-1	3911	4011	3814	3912	2.52	cps
Cadmium	106-1	4734	4868	4634	4745	2.47	cps
Cadmium	108-1	58	54	54	56	4.32	cps
Calcium	43-1	1433	1458	1325	1406	5.04	cps
Calcium	44-1	38142	37415	37532	37696	1.04	cps
Chromium	52-2	3364	3724	3864	3651	7.07	cps
Cobalt	59-2	2004	1930	2110	2015	4.49	cps
Copper	63-2	3837	3897	3887	3874	0.83	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-1	33	58	25	39	44.62	cps
Erbium	164-2	27	17	33	26	32.81	cps
Gadolinium	160-1	25	75	83	61	51.63	cps
Gadolinium	160-2	97	113	93	101	10.60	cps
Holmium	165-1	8841904	8829645	8752288	8807946	0.55	cps
Holmium	165-2	6870352	6840957	6957329	6889546	0.88	cps
Indium	115-1	7297555	7278603	7235799	7270652	0.44	cps
Indium	115-2	2393371	2389321	2440161	2407618	1.17	cps
Iron	56-2	56554	56899	56933	56795	0.37	cps
Iron	57-2	1567	1645	1661	1624	3.10	cps
Lead	206-1	2017	2256	2239	2171	6.15	cps
Lead	207-1	1917	1895	1772	1861	4.18	cps
Lead	208-1	8290	8379	8146	8272	1.42	cps
Lithium	6-1	305958	305483	307007	306149	0.25	cps
Magnesium	24-2	7752	7961	8211	7975	2.88	cps
Manganese	55-2	1400	1577	1577	1518	6.72	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-9	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:08:03	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5526	5301	5401	5410	2.09	cps
Molybdenum	95-1	6277	6168	6293	6246	1.09	cps
Molybdenum	96-1	7002	7019	7110	7044	0.83	cps
Molybdenum	97-1	3651	4176	4343	4056	8.90	cps
Molybdenum	98-1	10379	10813	10813	10668	2.35	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	520	507	523	517	1.71	cps
Phosphorus	31-2	300	225	383	303	26.16	cps
Potassium	39-2	38091	38367	38425	38295	0.47	cps
Rhodium	103-1	6584299	6460292	6465300	6503297	1.08	cps
Rhodium	103-2	4584236	4565559	4680740	4610179	1.34	cps
Scandium	45-1	3371941	3332147	3304675	3336254	1.01	cps
Scandium	45-2	302584	299867	303372	301941	0.61	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	143	165	148	152	7.62	cps
Selenium	82-1	133	51	122	102	43.74	cps
Silicon	28-1	201296	202569	204708	202858	0.85	cps
Silver	109-1	3834	3667	3926	3809	3.44	cps
Silver	107-1	3901	3734	3684	3773	3.01	cps
Sodium	23-2	34616	33848	34549	34337	1.24	cps
Strontium	86-1	1634	1700	1675	1670	2.02	cps
Strontium	88-1	8094	7436	7827	7786	4.26	cps
Sulfur	34-1	134217	133728	132955	133633	0.48	cps
Terbium	159-1	9187673	9165492	9137944	9163703	0.27	cps
Terbium	159-2	6923538	6863683	6982744	6923322	0.86	cps
Thallium	203-1	2025	2309	2217	2184	6.62	cps
Thallium	205-1	5426	5843	5893	5721	4.48	cps
Tin	118-1	3392	3059	3017	3156	6.51	cps
Titanium	47-1	1567	1358	1417	1447	7.43	cps
Uranium	238-1	6669	6552	6402	6541	2.04	cps
Vanadium	51-2	947	870	967	928	5.50	cps
Yttrium	89-1	7440423	7438436	7401280	7426713	0.30	cps
Yttrium	89-2	1828224	1829230	1853187	1836881	0.77	cps
Zinc	66-2	1470	1260	1483	1405	8.92	cps
Zirconium	90-1	4426	4768	4309	4501	5.29	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-9	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:08:03	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	942	1067	917	975	8.24	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-10	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:11:35	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1017	667	658	781	26.20	cps
Antimony	121-1	3159	2884	3259	3100	6.26	cps
Arsenic	75-2	198	143	144	162	19.51	cps
Barium	135-1	3100	2900	3217	3073	5.21	cps
Barium	137-1	5451	5526	5285	5421	2.28	cps
Beryllium	9-1	156	150	94	133	25.34	cps
Bismuth	209-1	4883156	4898596	4981494	4921082	1.07	cps
Bismuth	209-2	4507183	4506581	4613620	4542461	1.36	cps
Boron	10-1	125	92	75	97	26.19	cps
Boron	11-1	608	425	608	547	19.34	cps
Cadmium	111-1	4176	3884	3853	3971	4.49	cps
Cadmium	106-1	5076	4643	4584	4768	5.64	cps
Cadmium	108-1	63	58	50	57	11.18	cps
Calcium	43-1	1283	1600	1342	1408	11.97	cps
Calcium	44-1	37991	37900	37615	37835	0.52	cps
Chromium	52-2	3657	3507	3867	3677	4.92	cps
Cobalt	59-2	2080	1964	2140	2061	4.36	cps
Copper	63-2	4004	4027	4117	4050	1.48	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	20	17	17	18	10.81	cps
Gadolinium	160-1	83	83	58	75	19.24	cps
Gadolinium	160-2	117	103	103	108	7.14	cps
Holmium	165-1	8726804	8789737	8844186	8786909	0.67	cps
Holmium	165-2	6882627	6942203	6952260	6925697	0.54	cps
Indium	115-1	7277305	7283608	7296623	7285845	0.14	cps
Indium	115-2	2402541	2448942	2437156	2429547	0.99	cps
Iron	56-2	56933	57145	57278	57119	0.30	cps
Iron	57-2	1695	1589	1767	1683	5.31	cps
Lead	206-1	1995	2150	1934	2026	5.51	cps
Lead	207-1	1934	1661	1550	1715	11.50	cps
Lead	208-1	8146	8385	7618	8049	4.87	cps
Lithium	6-1	301274	304160	307873	304435	1.09	cps
Magnesium	24-2	7619	7410	7661	7563	1.77	cps
Manganese	55-2	1523	1567	1537	1542	1.44	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-10	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:11:35	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5101	5018	5218	5112	1.97	cps
Molybdenum	95-1	6318	5918	6368	6202	3.98	cps
Molybdenum	96-1	7436	7019	7377	7277	3.10	cps
Molybdenum	97-1	3867	3776	4393	4012	8.30	cps
Molybdenum	98-1	9954	10271	10438	10221	2.40	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	573	533	520	542	5.12	cps
Phosphorus	31-2	258	317	400	325	21.91	cps
Potassium	39-2	37507	38451	38159	38039	1.27	cps
Rhodium	103-1	6529338	6484085	6559276	6524233	0.58	cps
Rhodium	103-2	4636861	4642022	4688526	4655803	0.61	cps
Scandium	45-1	3311277	3285004	3345028	3313769	0.91	cps
Scandium	45-2	301685	306072	308680	305479	1.16	cps
Selenium	77-2	0	10	10	7	86.60	cps
Selenium	78-2	191	150	174	172	11.94	cps
Selenium	82-1	109	88	59	85	29.59	cps
Silicon	28-1	200930	205940	208340	205070	1.84	cps
Silver	109-1	3409	3984	3942	3778	8.49	cps
Silver	107-1	4026	3884	3576	3828	6.01	cps
Sodium	23-2	34157	34524	34215	34299	0.58	cps
Strontium	86-1	2059	2425	2725	2403	13.90	cps
Strontium	88-1	12089	13782	14658	13510	9.67	cps
Sulfur	34-1	134116	134217	134838	134390	0.29	cps
Terbium	159-1	9109920	9139462	9150258	9133213	0.23	cps
Terbium	159-2	6879703	7031339	6963708	6958250	1.09	cps
Thallium	203-1	2059	1975	2400	2145	10.50	cps
Thallium	205-1	5301	5118	5343	5254	2.28	cps
Tin	118-1	3192	3217	3542	3317	5.89	cps
Titanium	47-1	1358	1417	1692	1489	11.96	cps
Uranium	238-1	6852	6460	6869	6727	3.44	cps
Vanadium	51-2	960	1050	983	998	4.68	cps
Yttrium	89-1	7354066	7402408	7447632	7401369	0.63	cps
Yttrium	89-2	1828440	1867547	1877913	1857967	1.40	cps
Zinc	66-2	813	837	797	816	2.46	cps
Zirconium	90-1	4484	4584	4242	4437	3.96	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-10	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-10	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:11:35	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	808	1092	917	939	15.23	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-11	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:15:08	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	625	725	1050	800	27.78	cps
Antimony	121-1	2875	2984	3126	2995	4.19	cps
Arsenic	75-2	126	165	144	145	13.41	cps
Barium	135-1	3092	3201	3159	3151	1.73	cps
Barium	137-1	5118	4984	5376	5160	3.86	cps
Beryllium	9-1	161	178	122	154	18.55	cps
Bismuth	209-1	4898476	4915314	4872012	4895267	0.45	cps
Bismuth	209-2	4441800	4453526	4471846	4455724	0.34	cps
Boron	10-1	125	100	133	119	14.53	cps
Boron	11-1	475	475	567	506	10.47	cps
Cadmium	111-1	4042	3553	4110	3901	7.79	cps
Cadmium	106-1	4993	4409	4960	4787	6.85	cps
Cadmium	108-1	58	96	71	75	25.46	cps
Calcium	43-1	1350	1208	1283	1281	5.53	cps
Calcium	44-1	36479	36721	36730	36644	0.39	cps
Chromium	52-2	5081	5318	5238	5212	2.31	cps
Cobalt	59-2	2090	2194	2037	2107	3.78	cps
Copper	63-2	4084	3641	3887	3871	5.74	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	20	20	20	20	0.00	cps
Gadolinium	160-1	100	33	58	64	52.72	cps
Gadolinium	160-2	123	97	73	98	25.59	cps
Holmium	165-1	8651386	8722736	8706387	8693503	0.43	cps
Holmium	165-2	6827318	6853398	6804743	6828487	0.36	cps
Indium	115-1	7206953	7219359	7190786	7205700	0.20	cps
Indium	115-2	2410717	2393114	2416355	2406729	0.50	cps
Iron	56-2	69676	68750	70787	69738	1.46	cps
Iron	57-2	2134	1956	1795	1961	8.64	cps
Lead	206-1	2089	1817	1989	1965	7.01	cps
Lead	207-1	1839	1800	1856	1832	1.56	cps
Lead	208-1	8168	7846	7946	7986	2.07	cps
Lithium	6-1	301646	301627	302659	301977	0.20	cps
Magnesium	24-2	7444	7302	7194	7313	1.72	cps
Manganese	55-2	1533	1573	1493	1533	2.61	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-11	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:15:08	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5376	5276	5435	5362	1.49	cps
Molybdenum	95-1	6085	6310	6668	6354	4.63	cps
Molybdenum	96-1	6944	6869	6660	6824	2.15	cps
Molybdenum	97-1	3842	3776	4059	3892	3.81	cps
Molybdenum	98-1	9537	9946	9829	9770	2.16	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	540	563	540	548	2.46	cps
Phosphorus	31-2	292	358	250	300	18.22	cps
Potassium	39-2	38351	37197	37440	37663	1.61	cps
Rhodium	103-1	6422612	6492538	6472697	6462616	0.56	cps
Rhodium	103-2	4659033	4579404	4671449	4636629	1.08	cps
Scandium	45-1	3305405	3329295	3336421	3323707	0.49	cps
Scandium	45-2	303937	301902	303171	303003	0.34	cps
Selenium	77-2	0	3	13	6	124.93	cps
Selenium	78-2	174	159	154	162	6.49	cps
Selenium	82-1	59	56	16	44	55.00	cps
Silicon	28-1	203320	206294	208045	205886	1.16	cps
Silver	109-1	3776	3426	3676	3626	4.97	cps
Silver	107-1	3726	3784	4167	3892	6.17	cps
Sodium	23-2	31317	32018	32762	32032	2.26	cps
Strontium	86-1	1558	1750	1809	1706	7.67	cps
Strontium	88-1	7802	7252	7786	7613	4.11	cps
Sulfur	34-1	138000	135672	137706	137126	0.92	cps
Terbium	159-1	9000013	8986754	8984682	8990483	0.09	cps
Terbium	159-2	6952078	6895107	6920421	6922536	0.41	cps
Thallium	203-1	2259	2350	1992	2200	8.46	cps
Thallium	205-1	5376	5601	5093	5357	4.76	cps
Tin	118-1	3042	3217	3176	3145	2.91	cps
Titanium	47-1	1358	1450	1400	1403	3.27	cps
Uranium	238-1	6552	6735	6660	6649	1.39	cps
Vanadium	51-2	930	953	973	952	2.28	cps
Yttrium	89-1	7305779	7341203	7419081	7355354	0.79	cps
Yttrium	89-2	1834967	1837956	1844947	1839290	0.28	cps
Zinc	66-2	727	710	783	740	5.20	cps
Zirconium	90-1	4568	4576	4409	4518	2.08	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-11	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-11	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:15:08	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1000	933	1100	1011	8.30	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-12	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:18:42	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1042	833	900	925	11.50	cps
Antimony	121-1	2792	3209	2667	2889	9.82	cps
Arsenic	75-2	128	152	163	148	12.19	cps
Barium	135-1	3209	2884	2975	3023	5.55	cps
Barium	137-1	5601	5093	5226	5307	4.97	cps
Beryllium	9-1	211	189	167	189	11.77	cps
Bismuth	209-1	4906535	4976839	4866427	4916600	1.14	cps
Bismuth	209-2	4451782	4511342	4561928	4508351	1.22	cps
Boron	10-1	50	33	67	50	33.34	cps
Boron	11-1	308	400	442	383	17.80	cps
Cadmium	111-1	3666	4151	4235	4017	7.65	cps
Cadmium	106-1	4434	5034	5109	4859	7.62	cps
Cadmium	108-1	67	33	71	57	36.10	cps
Calcium	43-1	1325	1108	1267	1233	9.09	cps
Calcium	44-1	37858	37975	38568	38134	1.00	cps
Chromium	52-2	3474	3374	3654	3500	4.05	cps
Cobalt	59-2	2000	2020	1903	1975	3.16	cps
Copper	63-2	4011	3904	4047	3987	1.87	cps
Dysprosium	156-1	8	0	33	14	124.92	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	58	33	58	50	28.88	cps
Erbium	164-2	20	30	17	22	31.22	cps
Gadolinium	160-1	33	92	58	61	47.89	cps
Gadolinium	160-2	77	130	87	98	28.99	cps
Holmium	165-1	8629751	8885243	8794627	8769874	1.48	cps
Holmium	165-2	6828927	6880862	6921950	6877246	0.68	cps
Indium	115-1	7218907	7354197	7251476	7274860	0.97	cps
Indium	115-2	2412681	2434929	2450154	2432588	0.77	cps
Iron	56-2	56403	55377	56141	55974	0.95	cps
Iron	57-2	1628	1583	1722	1645	4.31	cps
Lead	206-1	1950	1961	1822	1911	4.04	cps
Lead	207-1	1784	1633	1778	1732	4.91	cps
Lead	208-1	7851	7979	7935	7922	0.82	cps
Lithium	6-1	306441	308038	309652	308044	0.52	cps
Magnesium	24-2	7652	7677	7536	7622	0.99	cps
Manganese	55-2	1527	1560	1607	1565	2.57	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-12	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:18:42	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5560	4834	5093	5162	7.12	cps
Molybdenum	95-1	6218	6127	6493	6279	3.04	cps
Molybdenum	96-1	7110	7127	6777	7005	2.82	cps
Molybdenum	97-1	3942	3801	3801	3848	2.13	cps
Molybdenum	98-1	10638	10571	10354	10521	1.41	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	563	523	653	580	11.48	cps
Phosphorus	31-2	275	358	300	311	13.75	cps
Potassium	39-2	38050	38384	39119	38517	1.42	cps
Rhodium	103-1	6494052	6645770	6521088	6553637	1.23	cps
Rhodium	103-2	4637172	4671616	4727465	4678751	0.97	cps
Scandium	45-1	3324636	3365740	3356728	3349035	0.65	cps
Scandium	45-2	304776	308458	311349	308194	1.07	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	183	157	150	164	10.70	cps
Selenium	82-1	108	30	108	82	54.86	cps
Silicon	28-1	203710	206735	208228	206224	1.12	cps
Silver	109-1	3701	3884	3751	3778	2.51	cps
Silver	107-1	4434	4209	4026	4223	4.85	cps
Sodium	23-2	32227	32804	32620	32550	0.90	cps
Strontium	86-1	1775	1784	1525	1695	8.66	cps
Strontium	88-1	8161	8236	7494	7964	5.13	cps
Sulfur	34-1	140263	140902	142343	141169	0.75	cps
Terbium	159-1	9057658	9121853	9109900	9096470	0.38	cps
Terbium	159-2	6882775	6961703	6969248	6937909	0.69	cps
Thallium	203-1	2309	1900	2259	2156	10.33	cps
Thallium	205-1	5260	5085	5293	5212	2.15	cps
Tin	118-1	3192	3034	3100	3109	2.56	cps
Titanium	47-1	1417	1517	1408	1447	4.17	cps
Uranium	238-1	6335	6502	6260	6366	1.94	cps
Vanadium	51-2	907	957	927	930	2.71	cps
Yttrium	89-1	7399879	7465938	7343973	7403263	0.82	cps
Yttrium	89-2	1835131	1857016	1864707	1852285	0.83	cps
Zinc	66-2	687	667	750	701	6.21	cps
Zirconium	90-1	4367	4726	4693	4595	4.31	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-12	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-12	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:18:42	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1033	1125	1083	1081	4.25	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-13	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:22:15	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1684	2034	1875	1864	9.40	cps
Antimony	121-1	2292	2809	2667	2589	10.31	cps
Arsenic	75-2	187	150	174	170	11.03	cps
Barium	135-1	3217	3251	3000	3156	4.30	cps
Barium	137-1	5410	5018	5360	5262	4.05	cps
Beryllium	9-1	211	128	172	170	24.48	cps
Bismuth	209-1	4797917	4831238	4908228	4845795	1.17	cps
Bismuth	209-2	4244585	4454572	4460252	4386470	2.80	cps
Boron	10-1	42	25	83	50	60.09	cps
Boron	11-1	367	358	483	403	17.35	cps
Cadmium	111-1	4084	3923	3892	3966	2.60	cps
Cadmium	106-1	5018	4751	4809	4859	2.89	cps
Cadmium	108-1	29	46	71	49	43.14	cps
Calcium	43-1	1267	1142	1075	1161	8.38	cps
Calcium	44-1	35160	35661	34533	35118	1.61	cps
Chromium	52-2	3397	3614	3787	3599	5.43	cps
Cobalt	59-2	1957	2067	2187	2070	5.56	cps
Copper	63-2	3911	4091	3881	3961	2.87	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	75	25	39	81.12	cps
Erbium	164-2	30	10	20	20	50.00	cps
Gadolinium	160-1	50	50	17	39	49.48	cps
Gadolinium	160-2	87	87	83	86	2.25	cps
Holmium	165-1	8778267	8629363	8637873	8681835	0.96	cps
Holmium	165-2	6661575	6709205	6811524	6727435	1.14	cps
Indium	115-1	7287777	7343690	7264665	7298711	0.56	cps
Indium	115-2	2319153	2398796	2414928	2377626	2.16	cps
Iron	56-2	54379	55026	56057	55154	1.54	cps
Iron	57-2	1606	1728	1550	1628	5.59	cps
Lead	206-1	1945	1967	1928	1947	1.00	cps
Lead	207-1	1928	1772	1561	1754	10.49	cps
Lead	208-1	8201	7712	7796	7903	3.31	cps
Lithium	6-1	305730	302970	303029	303909	0.52	cps
Magnesium	24-2	7210	7302	7444	7319	1.61	cps
Manganese	55-2	1577	1557	1517	1550	1.97	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-13	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:22:15	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5293	5551	5385	5410	2.42	cps
Molybdenum	95-1	5743	6410	6027	6060	5.52	cps
Molybdenum	96-1	6744	6727	6627	6699	0.94	cps
Molybdenum	97-1	4109	4067	3859	4012	3.34	cps
Molybdenum	98-1	9971	9921	10279	10057	1.93	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	547	593	560	567	4.24	cps
Phosphorus	31-2	242	333	325	300	16.90	cps
Potassium	39-2	37482	38626	36596	37568	2.71	cps
Rhodium	103-1	6567671	6516132	6480737	6521513	0.67	cps
Rhodium	103-2	4475565	4626465	4629110	4577047	1.92	cps
Scandium	45-1	3314289	3314116	3354973	3327793	0.71	cps
Scandium	45-2	291696	303444	306100	300413	2.55	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	174	157	120	151	18.25	cps
Selenium	82-1	87	167	76	110	45.47	cps
Silicon	28-1	203381	207875	207857	206371	1.25	cps
Silver	109-1	3567	3601	3367	3512	3.59	cps
Silver	107-1	3942	3959	3909	3937	0.65	cps
Sodium	23-2	30665	31309	32185	31386	2.43	cps
Strontium	86-1	1742	1575	1625	1647	5.19	cps
Strontium	88-1	7402	7569	7569	7513	1.28	cps
Sulfur	34-1	143804	142617	144679	143700	0.72	cps
Terbium	159-1	9021207	9013135	9013845	9016062	0.05	cps
Terbium	159-2	6703797	6935814	6896300	6845304	1.81	cps
Thallium	203-1	2075	2334	2275	2228	6.08	cps
Thallium	205-1	5243	5076	5451	5257	3.58	cps
Tin	118-1	3317	3267	3384	3323	1.76	cps
Titanium	47-1	1283	1292	1358	1311	3.14	cps
Uranium	238-1	6444	6727	6110	6427	4.80	cps
Vanadium	51-2	867	900	920	896	3.01	cps
Yttrium	89-1	7424377	7377849	7456059	7419428	0.53	cps
Yttrium	89-2	1774142	1838164	1845081	1819129	2.15	cps
Zinc	66-2	690	653	647	663	3.52	cps
Zirconium	90-1	4693	4351	4726	4590	4.52	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-13	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-13	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:22:15	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	925	1125	992	1014	10.04	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-14	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:25:49	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1675	1642	1717	1678	2.24	cps
Antimony	121-1	2750	2450	2625	2609	5.78	cps
Arsenic	75-2	130	161	137	143	11.54	cps
Barium	135-1	3075	3000	2734	2937	6.12	cps
Barium	137-1	5318	5585	5551	5485	2.65	cps
Beryllium	9-1	122	189	172	161	21.53	cps
Bismuth	209-1	4833499	4725081	4665787	4741456	1.79	cps
Bismuth	209-2	4342786	4383752	4429251	4385263	0.99	cps
Boron	10-1	67	75	33	58	37.80	cps
Boron	11-1	400	267	317	328	20.55	cps
Cadmium	111-1	3787	3679	3914	3793	3.11	cps
Cadmium	106-1	4659	4426	4776	4620	3.86	cps
Cadmium	108-1	42	46	42	43	5.58	cps
Calcium	43-1	1617	1408	1592	1539	7.39	cps
Calcium	44-1	37390	38744	37950	38028	1.79	cps
Chromium	52-2	4191	4131	4004	4108	2.32	cps
Cobalt	59-2	1870	1913	2030	1938	4.27	cps
Copper	63-2	4121	4091	4067	4093	0.65	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	13	27	20	20	33.35	cps
Gadolinium	160-1	58	67	42	56	22.91	cps
Gadolinium	160-2	113	87	87	96	16.11	cps
Holmium	165-1	8661346	8662000	8495026	8606124	1.12	cps
Holmium	165-2	6663531	6800854	6806145	6756843	1.20	cps
Indium	115-1	7193880	7063359	7085800	7114347	0.98	cps
Indium	115-2	2371271	2413777	2404536	2396528	0.93	cps
Iron	56-2	61847	59532	60642	60674	1.91	cps
Iron	57-2	1661	1761	1600	1674	4.86	cps
Lead	206-1	1978	2228	1978	2061	7.00	cps
Lead	207-1	1789	1717	1811	1772	2.79	cps
Lead	208-1	7835	8335	7723	7964	4.09	cps
Lithium	6-1	295686	296623	292208	294839	0.79	cps
Magnesium	24-2	8136	7769	8111	8005	2.56	cps
Manganese	55-2	1577	1677	1530	1595	4.70	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-14	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:25:49	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5243	5185	5360	5262	1.69	cps
Molybdenum	95-1	6318	6318	5793	6143	4.94	cps
Molybdenum	96-1	6660	6560	7160	6794	4.73	cps
Molybdenum	97-1	3917	3767	3709	3798	2.83	cps
Molybdenum	98-1	9962	9954	10338	10085	2.17	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	517	563	603	561	7.73	cps
Phosphorus	31-2	317	350	300	322	7.90	cps
Potassium	39-2	38468	38676	38585	38576	0.27	cps
Rhodium	103-1	6405223	6419896	6324581	6383233	0.80	cps
Rhodium	103-2	4570045	4632576	4610434	4604352	0.69	cps
Scandium	45-1	3306591	3332485	3293064	3310714	0.61	cps
Scandium	45-2	305377	307102	309692	307390	0.71	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	189	163	156	169	10.35	cps
Selenium	82-1	120	55	54	77	49.72	cps
Silicon	28-1	205121	206785	207815	206574	0.66	cps
Silver	109-1	3284	3617	3809	3570	7.44	cps
Silver	107-1	4301	3784	3926	4004	6.67	cps
Sodium	23-2	32386	32069	32027	32160	0.61	cps
Strontium	86-1	1884	1692	1475	1684	12.14	cps
Strontium	88-1	7928	7727	7702	7786	1.58	cps
Sulfur	34-1	141072	142139	140911	141374	0.47	cps
Terbium	159-1	8929714	8878076	8854553	8887447	0.43	cps
Terbium	159-2	6787660	6821740	6897533	6835645	0.82	cps
Thallium	203-1	2384	2309	2059	2250	7.56	cps
Thallium	205-1	5560	4985	5335	5293	5.48	cps
Tin	118-1	2917	3201	3050	3056	4.64	cps
Titanium	47-1	1542	1450	1525	1506	3.24	cps
Uranium	238-1	6168	6168	5543	5960	6.06	cps
Vanadium	51-2	927	1083	1030	1013	7.86	cps
Yttrium	89-1	7367617	7242887	7217708	7276071	1.10	cps
Yttrium	89-2	1833027	1841366	1839708	1838034	0.24	cps
Zinc	66-2	1093	1063	867	1008	12.22	cps
Zirconium	90-1	4509	4618	4834	4654	3.56	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	SOIL MDL-14	Instrumnet Name :	P7
Client Sample ID :	SOIL MDL-14	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:25:49	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	950	1108	875	978	12.18	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P7
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:29:22	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6324001	6362209	6431946	6372719	0.86	cps
Antimony	121-1	5095502	5074923	5104585	5091670	0.30	cps
Arsenic	75-2	261246	263527	266442	263739	0.99	cps
Barium	135-1	6302779	6321027	6418983	6347596	0.98	cps
Barium	137-1	10863814	10897026	11034483	10931774	0.83	cps
Beryllium	9-1	285957	285668	290516	287380	0.95	cps
Bismuth	209-1	4645907	4622128	4611977	4626671	0.38	cps
Bismuth	209-2	4092377	4105473	4179180	4125677	1.13	cps
Boron	10-1	38425	38383	38174	38327	0.35	cps
Boron	11-1	188259	192605	198235	193033	2.59	cps
Cadmium	111-1	1168172	1163783	1165174	1165710	0.19	cps
Cadmium	106-1	124846	123795	123644	124095	0.53	cps
Cadmium	108-1	83264	82351	83708	83108	0.83	cps
Calcium	43-1	5752647	5719683	5770480	5747603	0.45	cps
Calcium	44-1	94198638	94366938	94870385	94478654	0.37	cps
Chromium	52-2	2188131	2203269	2210126	2200508	0.51	cps
Cobalt	59-2	3343157	3357237	3390993	3363796	0.73	cps
Copper	63-2	4784989	4834356	4912361	4843902	1.33	cps
Dysprosium	156-1	192	217	192	200	7.22	cps
Dysprosium	156-2	103	127	83	104	20.77	cps
Erbium	164-1	42	42	83	56	43.30	cps
Erbium	164-2	17	30	20	22	31.22	cps
Gadolinium	160-1	117	67	33	72	58.08	cps
Gadolinium	160-2	153	140	150	148	4.70	cps
Holmium	165-1	8860791	8766151	8916730	8847891	0.86	cps
Holmium	165-2	6815468	6813286	6883318	6837357	0.58	cps
Indium	115-1	6686488	6650496	6718499	6685161	0.51	cps
Indium	115-2	2212335	2191721	2226130	2210062	0.78	cps
Iron	56-2	461805066	463520333	468521777	464615725	0.75	cps
Iron	57-2	11326359	11435777	11568057	11443398	1.06	cps
Lead	206-1	3555756	3559132	3574316	3563068	0.28	cps
Lead	207-1	3114839	3108706	3092574	3105373	0.37	cps
Lead	208-1	14257697	14160213	14201194	14206368	0.34	cps
Lithium	6-1	294510	295209	300717	296812	1.15	cps
Magnesium	24-2	69089666	69323399	70073877	69495647	0.74	cps
Manganese	55-2	2660527	2683891	2697720	2680713	0.70	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P7
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:29:22	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10104279	10260848	10113934	10159687	0.86	cps
Molybdenum	95-1	12315630	12558866	12479977	12451491	1.00	cps
Molybdenum	96-1	13689332	13963071	13938703	13863702	1.09	cps
Molybdenum	97-1	7696457	7784645	7812441	7764514	0.78	cps
Molybdenum	98-1	20021253	19934782	20050593	20002209	0.30	cps
Neodymium	150-1	307	213	253	258	18.17	cps
Neodymium	150-2	67	70	67	68	2.84	cps
Nickel	60-2	864893	871810	879609	872104	0.84	cps
Phosphorus	31-2	74779	75400	79655	76611	3.46	cps
Potassium	39-2	44373473	44467571	44901974	44581006	0.63	cps
Rhodium	103-1	5659355	5633521	5646675	5646517	0.23	cps
Rhodium	103-2	4064589	4075363	4113170	4084374	0.62	cps
Scandium	45-1	3167188	3194038	3215255	3192160	0.75	cps
Scandium	45-2	291566	292548	292340	292152	0.18	cps
Selenium	77-2	6115	6171	6131	6139	0.47	cps
Selenium	78-2	20361	20220	20700	20427	1.21	cps
Selenium	82-1	70469	70686	71389	70848	0.68	cps
Silicon	28-1	2103505	2096642	2135453	2111867	0.98	cps
Silver	109-1	5472046	5399484	5490697	5454075	0.88	cps
Silver	107-1	5705868	5664229	5711547	5693881	0.45	cps
Sodium	23-2	133319628	133918032	135444236	134227299	0.82	cps
Strontium	86-1	1682675	1675162	1673023	1676953	0.30	cps
Strontium	88-1	14857675	14957094	14953412	14922727	0.38	cps
Sulfur	34-1	709731	705635	710063	708476	0.35	cps
Terbium	159-1	9187241	9111283	9173995	9157507	0.44	cps
Terbium	159-2	6782592	6788655	6842186	6804477	0.48	cps
Thallium	203-1	4520380	4469180	4496548	4495369	0.57	cps
Thallium	205-1	10648222	10613809	10711820	10657950	0.47	cps
Tin	118-1	4170656	4157506	4138367	4155510	0.39	cps
Titanium	47-1	2639005	2678434	2707268	2674902	1.28	cps
Uranium	238-1	14221837	14333229	14242250	14265772	0.42	cps
Vanadium	51-2	1792003	1802527	1815217	1803249	0.64	cps
Yttrium	89-1	7065469	7093034	7167000	7108501	0.74	cps
Yttrium	89-2	1756164	1765016	1782703	1767961	0.76	cps
Zinc	66-2	665799	673242	675552	671531	0.76	cps
Zirconium	90-1	8487941	8510963	8558388	8519097	0.42	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV049	Instrumnet Name :	P7
Client Sample ID :	CCV049	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:29:22	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1853760	1873239	1868136	1865045	0.54	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB049	Instrumnet Name :	P7
Client Sample ID :	CCB049	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:33:00	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	200	183	200	8.33	cps
Antimony	121-1	12865	12898	12181	12648	3.20	cps
Arsenic	75-2	48	57	67	57	16.13	cps
Barium	135-1	108	92	83	94	13.48	cps
Barium	137-1	267	150	83	167	55.68	cps
Beryllium	9-1	11	22	11	15	43.30	cps
Bismuth	209-1	5136307	4985763	5073459	5065176	1.49	cps
Bismuth	209-2	4658193	4630883	4615743	4634940	0.46	cps
Boron	10-1	408	383	317	369	12.83	cps
Boron	11-1	2409	2075	1575	2020	20.77	cps
Cadmium	111-1	3413	3512	3352	3426	2.35	cps
Cadmium	106-1	4843	5001	4776	4873	2.37	cps
Cadmium	108-1	8	38	17	21	72.12	cps
Calcium	43-1	383	417	517	439	15.81	cps
Calcium	44-1	20790	21442	20924	21052	1.63	cps
Chromium	52-2	2587	2487	2410	2495	3.55	cps
Cobalt	59-2	143	213	173	177	19.88	cps
Copper	63-2	1497	1457	1400	1451	3.35	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	42	8	33	28	62.46	cps
Erbium	164-2	23	20	13	19	26.96	cps
Gadolinium	160-1	92	33	75	67	45.07	cps
Gadolinium	160-2	100	107	97	101	5.04	cps
Holmium	165-1	9141659	8966678	8996414	9034917	1.04	cps
Holmium	165-2	7091892	7083561	7074373	7083275	0.12	cps
Indium	115-1	7432462	7311090	7334902	7359485	0.87	cps
Indium	115-2	2454267	2445722	2440179	2446722	0.29	cps
Iron	56-2	32509	31100	27738	30449	8.05	cps
Iron	57-2	972	961	922	952	2.76	cps
Lead	206-1	1200	1033	917	1050	13.56	cps
Lead	207-1	1100	1006	928	1011	8.53	cps
Lead	208-1	4984	4406	4223	4537	8.76	cps
Lithium	6-1	318581	307748	305430	310587	2.26	cps
Magnesium	24-2	433	367	367	389	9.90	cps
Manganese	55-2	33	87	70	63	43.09	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB049	Instrumnet Name :	P7
Client Sample ID :	CCB049	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:33:00	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3351	3184	3092	3209	4.08	cps
Molybdenum	95-1	4959	4743	4518	4740	4.66	cps
Molybdenum	96-1	5726	5376	4793	5298	8.90	cps
Molybdenum	97-1	3192	2850	2792	2945	7.34	cps
Molybdenum	98-1	8886	7611	6927	7808	12.74	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	67	60	63	63	5.27	cps
Phosphorus	31-2	250	300	217	256	16.41	cps
Potassium	39-2	36203	36295	34608	35702	2.66	cps
Rhodium	103-1	6573647	6531598	6480708	6528651	0.71	cps
Rhodium	103-2	4693981	4686924	4668478	4683128	0.28	cps
Scandium	45-1	3316655	3277439	3312862	3302318	0.65	cps
Scandium	45-2	303366	303910	301418	302898	0.43	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	170	169	172	170	1.09	cps
Selenium	82-1	174	67	88	110	52.04	cps
Silicon	28-1	170164	169029	170316	169836	0.41	cps
Silver	109-1	308	367	283	319	13.39	cps
Silver	107-1	400	392	308	367	13.82	cps
Sodium	23-2	29864	29981	29187	29677	1.44	cps
Strontium	86-1	833	958	867	886	7.30	cps
Strontium	88-1	292	300	275	289	4.40	cps
Sulfur	34-1	115538	115604	117258	116133	0.84	cps
Terbium	159-1	9357109	9292648	9319042	9322933	0.35	cps
Terbium	159-2	7164015	7092744	7081163	7112641	0.63	cps
Thallium	203-1	283	292	208	261	17.58	cps
Thallium	205-1	625	550	675	617	10.20	cps
Tin	118-1	3150	3542	3351	3348	5.85	cps
Titanium	47-1	167	117	167	150	19.25	cps
Uranium	238-1	467	408	350	408	14.29	cps
Vanadium	51-2	13	20	17	17	20.01	cps
Yttrium	89-1	7514683	7377825	7437079	7443195	0.92	cps
Yttrium	89-2	1862128	1863267	1855504	1860300	0.23	cps
Zinc	66-2	280	180	217	226	22.43	cps
Zirconium	90-1	1850	1608	1642	1700	7.71	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB049	Instrumnet Name :	P7
Client Sample ID :	CCB049	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 14:33:00	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	300	325	319	5.43	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	J1612-22DLX2	Instrumnet Name :	P7
Client Sample ID :	MGA6M7	Dilution Factor :	2
Date & Time Acquired ::	2018-03-01 15:21:08	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375	433	392	400	7.51	cps
Antimony	121-1	9529	9187	9153	9290	2.24	cps
Arsenic	75-2	31	28	50	36	32.69	cps
Barium	135-1	24706	25032	24481	24740	1.12	cps
Barium	137-1	42124	42558	43260	42647	1.34	cps
Beryllium	9-1	6	11	6	7	43.24	cps
Bismuth	209-1	4989137	5043024	5044430	5025530	0.63	cps
Bismuth	209-2	4469962	4433750	4417009	4440240	0.61	cps
Boron	10-1	408	350	417	392	9.27	cps
Boron	11-1	2167	1850	2092	2036	8.13	cps
Cadmium	111-1	4645	4580	4440	4555	2.31	cps
Cadmium	106-1	5159	5068	4618	4948	5.86	cps
Cadmium	108-1	167	246	204	206	19.27	cps
Calcium	43-1	2360970	2354924	2352180	2356025	0.19	cps
Calcium	44-1	39186883	38860877	38841187	38962982	0.50	cps
Chromium	52-2	2647	2630	2407	2561	5.23	cps
Cobalt	59-2	667	640	683	663	3.29	cps
Copper	63-2	21913	21506	21693	21704	0.94	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	50	33	33	39	24.74	cps
Erbium	164-2	17	37	17	23	49.48	cps
Gadolinium	160-1	42	25	83	50	60.09	cps
Gadolinium	160-2	93	90	97	93	3.57	cps
Holmium	165-1	9144329	9114266	8939375	9065990	1.22	cps
Holmium	165-2	6902977	6901021	6863215	6889071	0.33	cps
Indium	115-1	7376336	7449864	7436122	7420774	0.53	cps
Indium	115-2	2389821	2401207	2393724	2394917	0.24	cps
Iron	56-2	34241	35638	34201	34693	2.36	cps
Iron	57-2	11638	11444	11766	11616	1.40	cps
Lead	206-1	108216	108109	108821	108382	0.35	cps
Lead	207-1	80578	80275	81613	80822	0.87	cps
Lead	208-1	396396	396616	397541	396851	0.15	cps
Lithium	6-1	332707	329033	330863	330868	0.56	cps
Magnesium	24-2	14762060	14695751	14715986	14724599	0.23	cps
Manganese	55-2	1167	1390	1180	1246	10.06	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	J1612-22DLX2	Instrumnet Name :	P7
Client Sample ID :	MGA6M7	Dilution Factor :	2
Date & Time Acquired ::	2018-03-01 15:21:08	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	592	758	633	661	13.12	cps
Molybdenum	95-1	350	517	467	444	19.24	cps
Molybdenum	96-1	625	542	725	631	14.56	cps
Molybdenum	97-1	267	350	333	317	13.93	cps
Molybdenum	98-1	650	725	583	653	10.86	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	12135	12442	12355	12311	1.29	cps
Phosphorus	31-2	225	342	308	292	20.60	cps
Potassium	39-2	150034	149700	147696	149143	0.85	cps
Rhodium	103-1	6459192	6449398	6423947	6444179	0.28	cps
Rhodium	103-2	4533508	4516171	4490801	4513493	0.48	cps
Scandium	45-1	3376580	3355142	3338360	3356694	0.57	cps
Scandium	45-2	310053	310314	306856	309074	0.62	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	163	163	181	169	6.32	cps
Selenium	82-1	28	115	82	75	58.44	cps
Silicon	28-1	8925197	8890058	8931014	8915423	0.25	cps
Silver	109-1	4959	4709	4351	4673	6.55	cps
Silver	107-1	5126	5068	4609	4934	5.74	cps
Sodium	23-2	1381650	1381061	1379822	1380844	0.07	cps
Strontium	86-1	385081	380686	385440	383736	0.69	cps
Strontium	88-1	3416187	3419118	3428653	3421319	0.19	cps
Sulfur	34-1	3592466	3545241	3582813	3573507	0.70	cps
Terbium	159-1	9357304	9361397	9365953	9361552	0.05	cps
Terbium	159-2	6999672	6953148	6892874	6948565	0.77	cps
Thallium	203-1	1550	1425	1709	1561	9.10	cps
Thallium	205-1	3601	3659	3651	3637	0.87	cps
Tin	118-1	2534	2317	2242	2364	6.41	cps
Titanium	47-1	242	217	167	208	18.33	cps
Uranium	238-1	13758	12807	13583	13383	3.78	cps
Vanadium	51-2	167	147	183	166	11.09	cps
Yttrium	89-1	7508946	7503754	7494270	7502323	0.10	cps
Yttrium	89-2	1847284	1829267	1820411	1832320	0.75	cps
Zinc	66-2	1205729	1201116	1193407	1200084	0.52	cps
Zirconium	90-1	1092	933	1158	1061	10.89	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	J1612-22DLX2	Instrumnet Name :	P7
Client Sample ID :	MGA6M7	Dilution Factor :	2
Date & Time Acquired ::	2018-03-01 15:21:08	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	292	175	211	33.10	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P7
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 15:24:42	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6353263	6448449	6457556	6419756	0.90	cps
Antimony	121-1	5123767	5112854	5088267	5108296	0.36	cps
Arsenic	75-2	267323	269567	268379	268423	0.42	cps
Barium	135-1	6263636	6343707	6291635	6299660	0.65	cps
Barium	137-1	10822353	11071121	11025508	10972994	1.21	cps
Beryllium	9-1	286975	287436	292245	288885	1.01	cps
Bismuth	209-1	4560751	4596788	4613366	4590302	0.59	cps
Bismuth	209-2	4165699	4204701	4200816	4190405	0.51	cps
Boron	10-1	36169	37798	39352	37773	4.21	cps
Boron	11-1	189675	193669	199063	194136	2.43	cps
Cadmium	111-1	1190273	1179646	1193070	1187663	0.60	cps
Cadmium	106-1	124747	126099	126545	125797	0.74	cps
Cadmium	108-1	84965	84056	84027	84349	0.63	cps
Calcium	43-1	5800418	5784095	5835528	5806680	0.45	cps
Calcium	44-1	95233492	95516925	95686302	95478906	0.24	cps
Chromium	52-2	2235315	2252021	2260954	2249430	0.58	cps
Cobalt	59-2	3429428	3458886	3457784	3448699	0.48	cps
Copper	63-2	4860944	4878347	4896173	4878488	0.36	cps
Dysprosium	156-1	233	183	167	194	17.85	cps
Dysprosium	156-2	103	93	120	106	12.76	cps
Erbium	164-1	42	58	58	53	18.23	cps
Erbium	164-2	23	37	20	27	33.08	cps
Gadolinium	160-1	108	167	108	128	26.35	cps
Gadolinium	160-2	143	123	107	124	14.75	cps
Holmium	165-1	8679458	8781962	8830712	8764044	0.88	cps
Holmium	165-2	6785960	6811711	6815114	6804262	0.23	cps
Indium	115-1	6727183	6780443	6807258	6771628	0.60	cps
Indium	115-2	2231899	2265761	2262950	2253536	0.83	cps
Iron	56-2	467104222	467021277	467166699	467097399	0.02	cps
Iron	57-2	11483428	11522253	11546131	11517271	0.27	cps
Lead	206-1	3494650	3552709	3513054	3520138	0.84	cps
Lead	207-1	3083589	3123980	3072436	3093335	0.88	cps
Lead	208-1	13975711	14166258	14050252	14064074	0.68	cps
Lithium	6-1	293098	299294	298552	296981	1.14	cps
Magnesium	24-2	69542999	70595343	70087074	70075139	0.75	cps
Manganese	55-2	2727108	2749556	2756533	2744399	0.56	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P7
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 15:24:42	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10173683	10233167	10265500	10224117	0.46	cps
Molybdenum	95-1	12400653	12486804	12572814	12486757	0.69	cps
Molybdenum	96-1	14002040	13938570	14149653	14030088	0.77	cps
Molybdenum	97-1	7856648	7841598	7864673	7854307	0.15	cps
Molybdenum	98-1	20204700	20505640	20508162	20406167	0.86	cps
Neodymium	150-1	293	267	333	298	11.27	cps
Neodymium	150-2	67	70	103	80	25.35	cps
Nickel	60-2	886528	899171	892671	892790	0.71	cps
Phosphorus	31-2	76747	79613	80191	78850	2.34	cps
Potassium	39-2	44299851	45063412	45073855	44812373	0.99	cps
Rhodium	103-1	5718869	5824685	5824329	5789295	1.05	cps
Rhodium	103-2	4103813	4147560	4181655	4144343	0.94	cps
Scandium	45-1	3240166	3254439	3250971	3248525	0.23	cps
Scandium	45-2	296858	298331	299334	298174	0.42	cps
Selenium	77-2	6135	6021	6085	6080	0.93	cps
Selenium	78-2	21084	20986	21021	21030	0.24	cps
Selenium	82-1	72498	72581	72614	72564	0.08	cps
Silicon	28-1	2366266	2383955	2416906	2389043	1.08	cps
Silver	109-1	5572364	5514480	5581524	5556122	0.65	cps
Silver	107-1	5771805	5723529	5779832	5758389	0.53	cps
Sodium	23-2	135302774	135808091	136067978	135726281	0.29	cps
Strontium	86-1	1705281	1698268	1704867	1702805	0.23	cps
Strontium	88-1	15160505	15165291	15117692	15147829	0.17	cps
Sulfur	34-1	742387	733025	744330	739914	0.82	cps
Terbium	159-1	8984603	9084108	9067117	9045276	0.59	cps
Terbium	159-2	6762632	6858306	6864460	6828466	0.84	cps
Thallium	203-1	4415220	4403622	4441638	4420160	0.44	cps
Thallium	205-1	10401023	10626888	10564364	10530758	1.11	cps
Tin	118-1	4223599	4163070	4171683	4186117	0.78	cps
Titanium	47-1	2725651	2704808	2711508	2713989	0.39	cps
Uranium	238-1	14031558	14233527	14051191	14105425	0.79	cps
Vanadium	51-2	1828375	1844845	1850765	1841328	0.63	cps
Yttrium	89-1	7202525	7192344	7240719	7211862	0.35	cps
Yttrium	89-2	1767710	1793232	1779716	1780219	0.72	cps
Zinc	66-2	684798	689577	692287	688888	0.55	cps
Zirconium	90-1	8554275	8611202	8621865	8595780	0.42	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCV050	Instrumnet Name :	P7
Client Sample ID :	CCV050	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 15:24:42	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1894143	1903030	1883081	1893418	0.53	cps

LB Number : LB93628 Operator : Jaswal
 Lab Sample ID : CCB050 Instrumnet Name : P7
 Client Sample ID : CCB050 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-01 15:29:50 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	200	183	178	14.32	cps
Antimony	121-1	5710	6802	6377	6296	8.74	cps
Arsenic	75-2	35	54	37	42	24.29	cps
Barium	135-1	75	67	42	61	28.38	cps
Barium	137-1	142	108	92	114	22.36	cps
Beryllium	9-1	17	33	28	26	32.72	cps
Bismuth	209-1	5181265	5087642	5123984	5130964	0.92	cps
Bismuth	209-2	4622929	4588806	4621759	4611164	0.42	cps
Boron	10-1	300	400	192	297	35.06	cps
Boron	11-1	1542	1642	1467	1550	5.66	cps
Cadmium	111-1	3501	3453	3365	3440	2.01	cps
Cadmium	106-1	4984	4918	4759	4887	2.37	cps
Cadmium	108-1	13	8	0	7	91.66	cps
Calcium	43-1	458	450	400	436	7.23	cps
Calcium	44-1	20632	21208	20673	20838	1.54	cps
Chromium	52-2	2517	2550	2590	2552	1.44	cps
Cobalt	59-2	197	230	217	214	7.82	cps
Copper	63-2	1717	1923	1677	1772	7.47	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	17	8	50	25	88.19	cps
Erbium	164-2	20	20	40	27	43.30	cps
Gadolinium	160-1	50	117	17	61	83.32	cps
Gadolinium	160-2	103	100	120	108	9.94	cps
Holmium	165-1	8986035	8962873	8900644	8949851	0.49	cps
Holmium	165-2	7034253	6983510	6991350	7003038	0.39	cps
Indium	115-1	7475763	7380697	7425510	7427323	0.64	cps
Indium	115-2	2450041	2447536	2449865	2449147	0.06	cps
Iron	56-2	18178	17088	17444	17570	3.16	cps
Iron	57-2	656	750	550	652	15.35	cps
Lead	206-1	1161	1072	917	1050	11.78	cps
Lead	207-1	978	728	995	900	16.60	cps
Lead	208-1	4367	4067	4011	4149	4.61	cps
Lithium	6-1	317835	314498	315755	316030	0.53	cps
Magnesium	24-2	417	533	542	497	14.06	cps
Manganese	55-2	83	80	93	86	8.11	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB050	Instrumnet Name :	P7
Client Sample ID :	CCB050	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 15:29:50	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1734	1817	1684	1745	3.86	cps
Molybdenum	95-1	2692	2659	2467	2606	4.66	cps
Molybdenum	96-1	2959	2925	2317	2734	13.22	cps
Molybdenum	97-1	1825	1650	1467	1647	10.88	cps
Molybdenum	98-1	4459	3809	3767	4012	9.67	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	53	90	100	81	30.29	cps
Phosphorus	31-2	233	217	258	236	8.88	cps
Potassium	39-2	36070	35894	35050	35672	1.53	cps
Rhodium	103-1	6628205	6678570	6616157	6640978	0.50	cps
Rhodium	103-2	4666176	4708937	4672566	4682560	0.49	cps
Scandium	45-1	3361579	3408132	3382312	3384008	0.69	cps
Scandium	45-2	306033	305536	308017	306529	0.43	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	150	165	170	162	6.51	cps
Selenium	82-1	-6	-21	57	10	430.59	cps
Silicon	28-1	171506	169491	171059	170685	0.62	cps
Silver	109-1	533	1117	817	822	35.48	cps
Silver	107-1	592	1275	700	856	42.93	cps
Sodium	23-2	26449	25306	26942	26232	3.20	cps
Strontium	86-1	908	817	858	861	5.33	cps
Strontium	88-1	267	200	233	233	14.29	cps
Sulfur	34-1	129307	127987	127408	128234	0.76	cps
Terbium	159-1	9343874	9443744	9255469	9347696	1.01	cps
Terbium	159-2	7004464	6996821	7070338	7023874	0.58	cps
Thallium	203-1	542	508	592	547	7.67	cps
Thallium	205-1	1142	1233	1008	1128	10.03	cps
Tin	118-1	2400	2350	2009	2253	9.46	cps
Titanium	47-1	75	117	125	106	25.38	cps
Uranium	238-1	275	425	267	322	27.65	cps
Vanadium	51-2	23	20	37	27	33.08	cps
Yttrium	89-1	7511660	7599481	7538247	7549796	0.60	cps
Yttrium	89-2	1867641	1850720	1866006	1861456	0.50	cps
Zinc	66-2	220	283	267	257	12.79	cps
Zirconium	90-1	933	1033	942	970	5.72	cps

LB Number :	LB93628	Operator :	Jaswal
Lab Sample ID :	CCB050	Instrumnet Name :	P7
Client Sample ID :	CCB050	Dilution Factor :	1
Date & Time Acquired ::	2018-03-01 15:29:50	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	208	175	194	8.92	cps