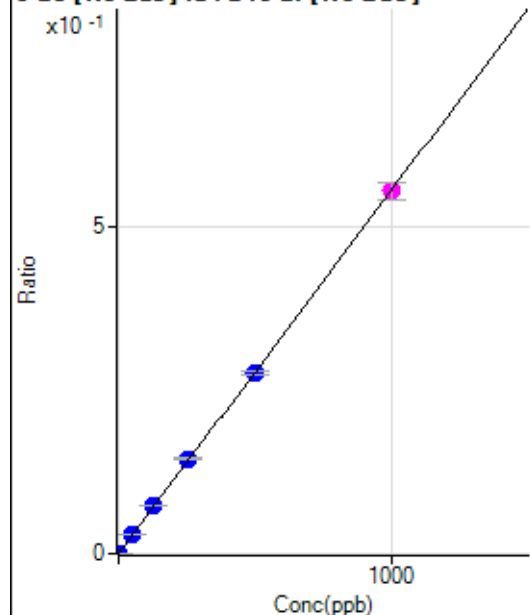


Batch Folder: D:\P8072818- MS.b\
Analysis File: P8072818- MS.batch.bin
DA Date-Time: 2018-07-28 16:32:05
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-07-28 13:10:10
2			
3	005CALS.d	S02	2018-07-28 13:17:52
4	006CALS.d	S03	2018-07-28 13:21:34
5	007CALS.d	S04	2018-07-28 13:25:18
6	008CALS.d	S05	2018-07-28 13:28:53
7	009CALS.d	S06	2018-07-28 13:32:23
8	010CALS.d	S07	2018-07-28 13:35:50
9	011CALS.d	S08	2018-07-28 13:39:13

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.97	0.0000	P	30.4
2	☐	0.100					
3	☐	1.000	1.099	1148.23	0.0006	P	3.4
4	☐	50.000	52.678	54882.69	0.0292	P	1.1
5	☐	125.000	130.749	135227.36	0.0725	P	1.1
6	☐	250.000	260.916	269501.92	0.1447	P	1.4
7	☐	500.000	496.897	523463.74	0.2755	P	1.8
8	☐	1000.000	997.970	1013007.74	0.5533	M	4.8
9	☐			598.18	0.0003	P	13.0

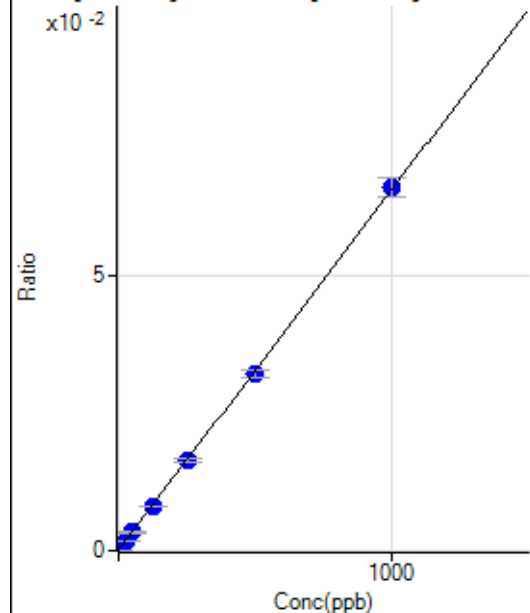
$$y = 5.5444\text{E-}004 * x + 3.5385\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.05826$$

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	130.56	0.0001	P	30.1
2	☐	2.500					
3	☐	25.000	25.445	3092.15	0.0017	P	8.3
4	☐	50.000	50.791	6376.72	0.0034	P	8.3
5	☐	125.000	122.149	15044.58	0.0081	P	0.4
6	☐	250.000	249.750	30577.93	0.0164	P	3.7
7	☐	500.000	488.995	60932.56	0.0321	P	4.3
8	☐	1000.000	1005.871	120645.29	0.0659	P	5.5
9	☐			5609.67	0.0030	P	12.3

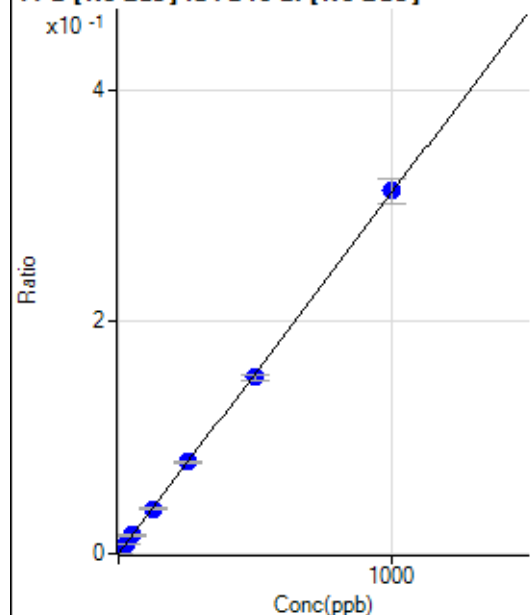
$$y = 6.5457\text{E-}005 * x + 7.2830\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.005$$

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	394.47	0.0002	P	4.7
2	☐	2.500					
3	☐	25.000	25.145	14291.12	0.0080	P	11.8
4	☐	50.000	50.696	30024.27	0.0160	P	3.2
5	☐	125.000	124.128	72427.80	0.0388	P	2.0
6	☐	250.000	252.688	146839.07	0.0789	P	3.4
7	☐	500.000	488.448	289165.11	0.1522	P	2.8
8	☐	1000.000	1005.175	572716.15	0.3130	P	6.6
9	☐			25406.79	0.0137	P	13.6

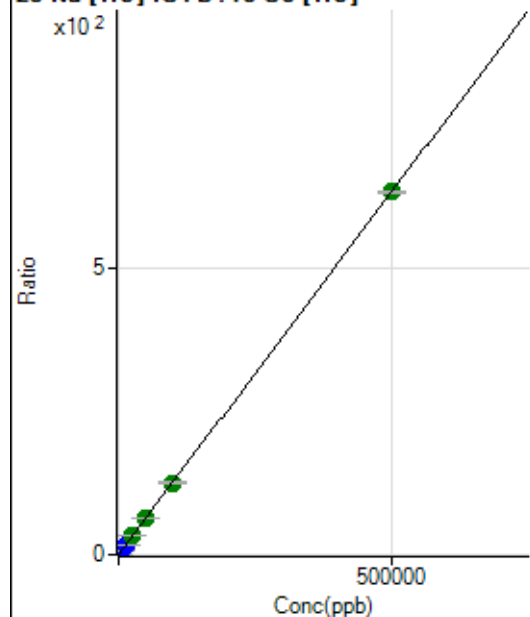
$$y = 3.1119\text{E-}004 * x + 2.2087\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.09942$$

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	5309.55	0.1039	P	5.2
2	☐	50.000					
3	☐	500.000	488.646	36929.48	0.7217	P	1.9
4	☐	5000.000	5127.474	326157.44	6.5870	P	1.8
5	☐	12500.000	12608.223	788109.73	16.0457	P	1.3
6	☐	25000.000	25820.808	1572160.87	32.7516	A	2.2
7	☐	50000.000	50860.469	2972543.36	64.4116	A	1.0
8	☐	100000.00	98593.357	5717242.19	124.7648	A	2.7
9	☐	500000.00	500150.27	30257580.19	632.4912	A	0.9

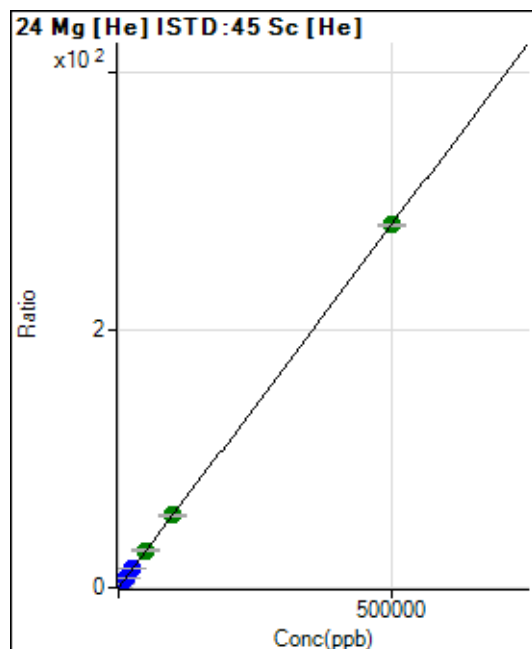
$$y = 0.0013 * x + 0.1039$$

$$R = 1.0000$$

$$DL = 12.7$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	411.14	0.0080	P	16.8
2	☐	50.000					
3	☐	500.000	470.041	13943.48	0.2725	P	0.3
4	☐	5000.000	5247.041	146555.66	2.9597	P	1.5
5	☐	12500.000	12623.106	349160.66	7.1091	P	1.9
6	☐	25000.000	25622.004	692326.53	14.4216	P	1.6
7	☐	50000.000	51237.636	1330494.28	28.8315	A	1.6
8	☐	100000.00	99654.719	2569042.03	56.0683	A	3.2
9	☐	500000.00	499908.67	13453667.66	281.2293	A	0.8

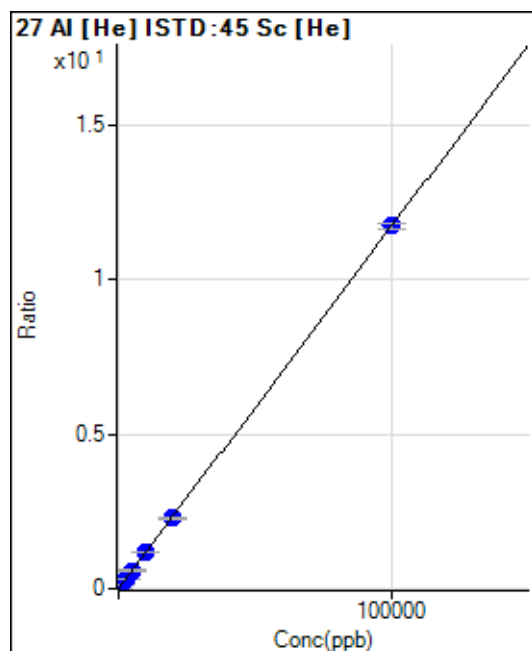
$$y = 5.6255E-004 * x + 0.0080$$

$$R = 1.0000$$

$$DL = 7.212$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.51	0.0004	P	20.4
2	☐	2.000					
3	☐	20.000	20.273	144.21	0.0028	P	8.9
4	☐	1000.000	1021.566	5949.47	0.1201	P	1.4
5	☐	2500.000	2427.474	13992.96	0.2849	P	0.4
6	☐	5000.000	4993.955	28108.95	0.5856	P	2.3
7	☐	10000.000	9924.789	53688.97	1.1633	P	0.7
8	☐	20000.000	19431.966	104364.29	2.2772	P	2.0
9	☐	100000.00	100123.02	561224.32	11.7316	P	1.3

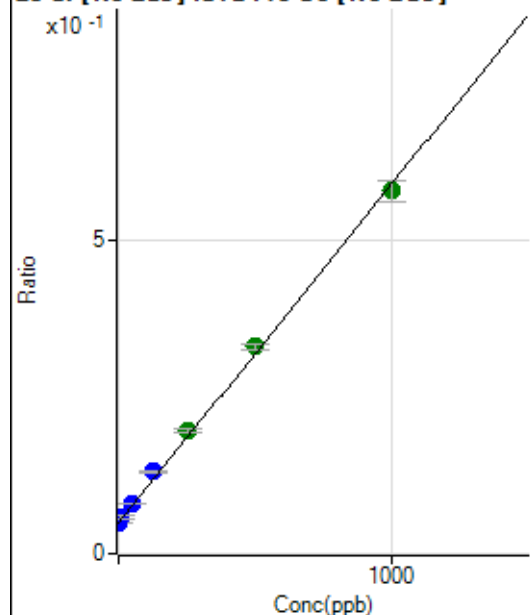
$$y = 1.1717E-004 * x + 4.4103E-004$$

$$R = 1.0000$$

$$DL = 2.305$$

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	302270.73	0.0491	P	2.2
2	☐	1.000					
3	☐	10.000	17.900	355843.46	0.0587	P	7.5
4	☐	50.000	57.289	509805.75	0.0799	P	0.8
5	☐	125.000	150.831	820292.48	0.1303	P	1.5
6	☐	250.000	272.044	1231049.84	0.1956	A	2.0
7	☐	500.000	520.609	2082942.58	0.3295	A	2.6
8	☐	1000.000	980.512	3485899.77	0.5772	A	5.8
9	☐			504481.37	0.0823	P	3.6

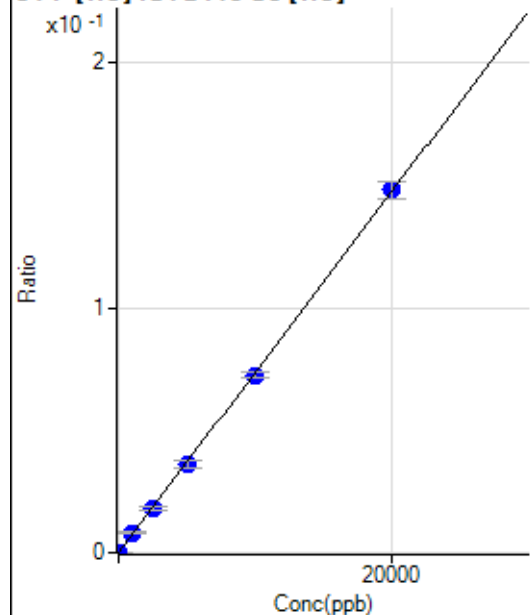
$$y = 5.3863\text{E-}004 * x + 0.0491$$

$$R = 0.9993$$

$$DL = 6.011$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	7.521	5.56	0.0001	P	173.
2	☐	0.000					
3	☐	0.000	-7.521	0.00	0.0000	P	
4	☐	1000.000	1080.913	397.25	0.0080	P	6.7
5	☐	2500.000	2410.058	875.07	0.0178	P	8.8
6	☐	5000.000	4921.238	1741.87	0.0363	P	8.4
7	☐	10000.000	9832.438	3345.01	0.0725	P	3.1
8	☐	20000.000	20110.669	6793.57	0.1482	P	4.8
9	☐			5.55	0.0001	P	86.6

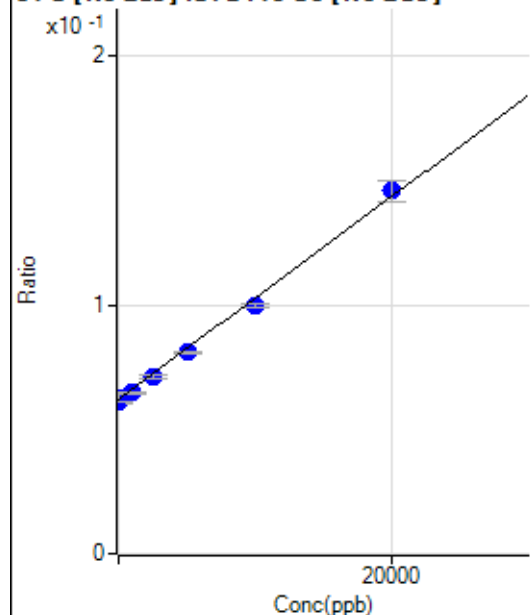
$$y = 7.3660\text{E-}006 * x + 5.5398\text{E-}005$$

$$R = 0.9999$$

$$DL = 39.08$$

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	-197.564	377671.34	0.0613	P	2.4
2	☐	0.000					
3	☐	0.000	197.564	381471.05	0.0629	P	6.9
4	☐	1000.000	633.573	412671.95	0.0647	P	1.0
5	☐	2500.000	2217.386	447807.69	0.0712	P	2.4
6	☐	5000.000	4599.736	508812.52	0.0808	P	1.5
7	☐	10000.000	9201.744	629470.10	0.0996	P	1.9
8	☐	20000.000	20552.842	880211.22	0.1457	P	5.6
9	☐			362413.07	0.0591	P	3.9

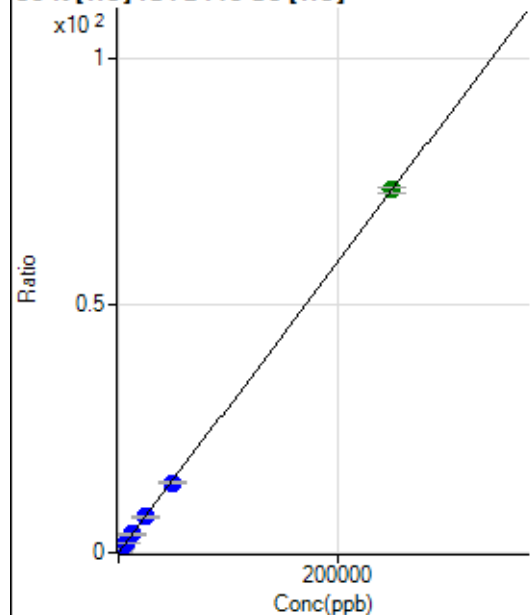
$$y = 4.0679\text{E-}006 * x + 0.0621$$

$$R = 0.9985$$

$$DL = 2141$$

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	2216.95	0.0434	P	1.7
2	☐	50.000					
3	☐	500.000	510.018	9851.06	0.1925	P	2.4
4	☐	2500.000	2575.309	39442.31	0.7966	P	2.8
5	☐	6250.000	6213.725	91396.19	1.8607	P	1.0
6	☐	12500.000	12471.699	177196.69	3.6910	P	1.0
7	☐	25000.000	24467.499	332276.19	7.1995	P	0.5
8	☐	50000.000	47921.868	644344.69	14.0594	P	1.9
9	☐	250000.00	250470.42	3506547.56	73.3000	A	1.8

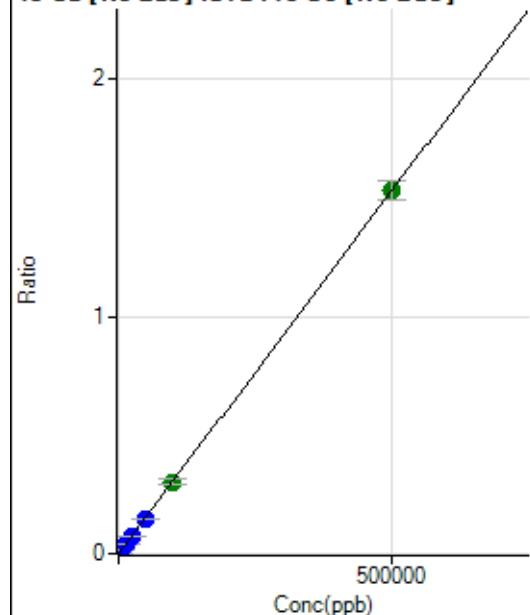
$$y = 2.9248\text{E-}004 * x + 0.0434$$

$$R = 1.0000$$

$$DL = 7.757$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	561.15	0.0001	P	3.2
2	☐	50.000					
3	☐	500.000	485.630	9545.34	0.0016	P	5.9
4	☐	5000.000	4830.356	94636.51	0.0148	P	0.9
5	☐	12500.000	12094.970	232986.01	0.0370	P	2.7
6	☐	25000.000	24281.000	467116.38	0.0742	P	2.6
7	☐	50000.000	47629.900	920014.06	0.1455	P	1.9
8	☐	100000.00	99150.423	1828682.38	0.3028	A	6.1
9	☐	500000.00	500454.71	9364299.86	1.5282	A	5.3

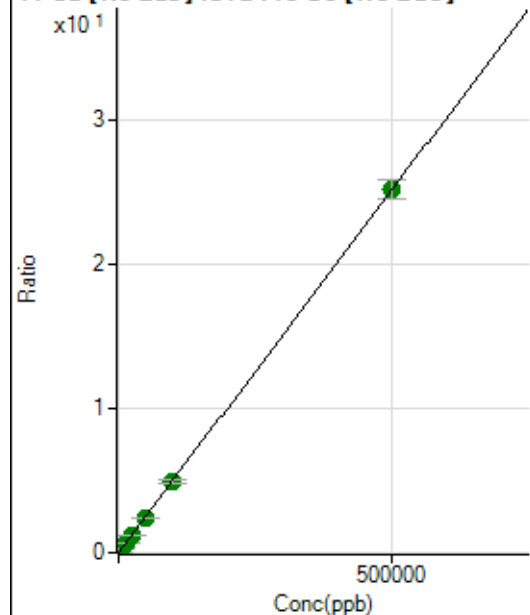
$$y = 3.0534\text{E-}006 * x + 9.1098\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.867$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15320.22	0.0025	P	1.7
2	☐	50.000					
3	☐	500.000	482.817	162344.64	0.0268	P	7.1
4	☐	5000.000	4876.467	1580931.09	0.2479	A	1.5
5	☐	12500.000	12062.394	3836397.61	0.6096	A	2.2
6	☐	25000.000	24131.071	7658313.71	1.2170	A	2.5
7	☐	50000.000	47545.733	15143182.28	2.3954	A	2.3
8	☐	100000.00	97257.944	29578050.66	4.8973	A	5.5
9	☐	500000.00	500849.47	154476289.5	25.2094	A	5.2

$$y = 5.0328\text{E-}005 * x + 0.0025$$

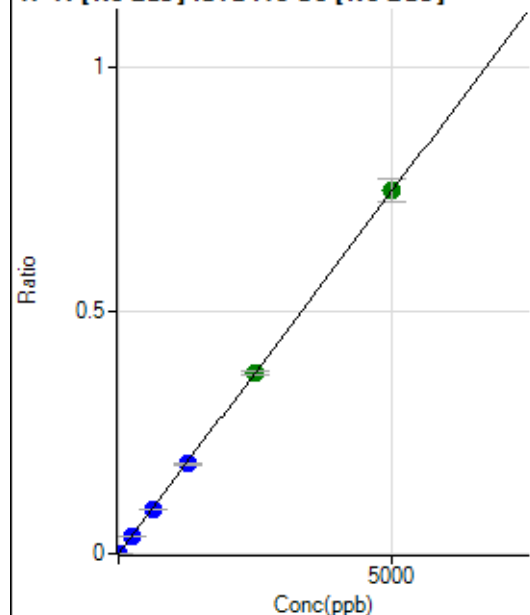
$$R = 1.0000$$

$$DL = 2.506$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	18.4
2	☐	0.500					
3	☐	5.000	5.212	4812.15	0.0008	P	8.8
4	☐	250.000	246.408	234413.86	0.0368	P	0.6
5	☐	625.000	613.512	575856.46	0.0915	P	1.8
6	☐	1250.000	1242.501	1166006.03	0.1853	P	2.0
7	☐	2500.000	2485.448	2342941.15	0.3706	A	2.1
8	☐	5000.000	5010.766	4511130.87	0.7471	A	6.3
9	☐			2333.63	0.0004	P	13.8

$$y = 1.4910\text{E-}004 * x + 1.7541\text{E-}005$$

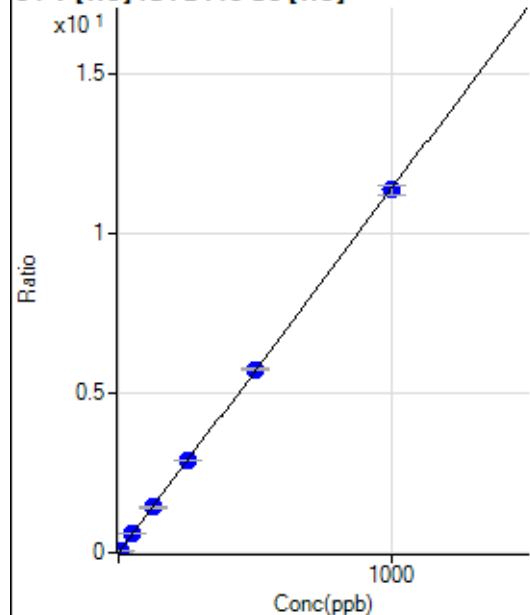
$$R = 1.0000$$

$$DL = 0.06494$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0002	P	45.2
2	☐	0.500					
3	☐	5.000	4.847	2842.56	0.0556	P	4.3
4	☐	50.000	50.818	28744.10	0.5805	P	1.6
5	☐	125.000	124.534	69854.30	1.4223	P	1.7
6	☐	250.000	253.558	139004.06	2.8956	P	1.3
7	☐	500.000	504.466	265852.89	5.7607	P	1.0
8	☐	1000.000	996.896	521670.43	11.3837	P	2.4
9	☐			214.45	0.0045	P	11.9

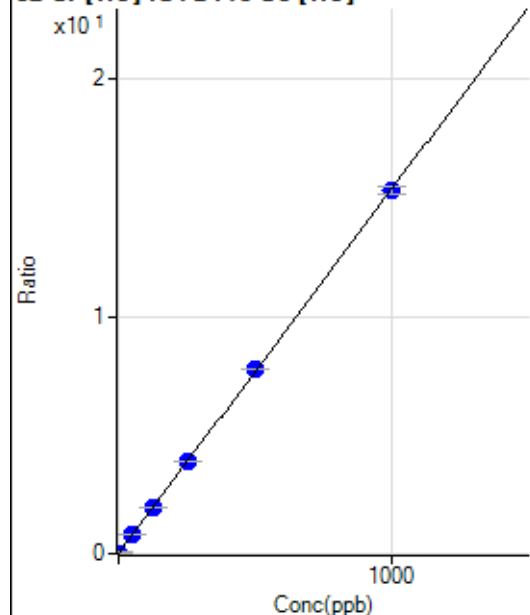
$$y = 0.0114 * x + 2.1681\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.02577$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	490.02	0.0096	P	12.3
2	☐	0.200					
3	☐	2.000	1.995	2059.08	0.0402	P	3.5
4	☐	50.000	51.180	39386.58	0.7954	P	1.5
5	☐	125.000	125.364	95014.05	1.9345	P	1.4
6	☐	250.000	253.760	187505.89	3.9059	P	1.2
7	☐	500.000	506.169	359120.36	7.7814	P	0.6
8	☐	1000.000	995.871	701182.84	15.3005	P	2.2
9	☐			27311.29	0.5709	P	0.5

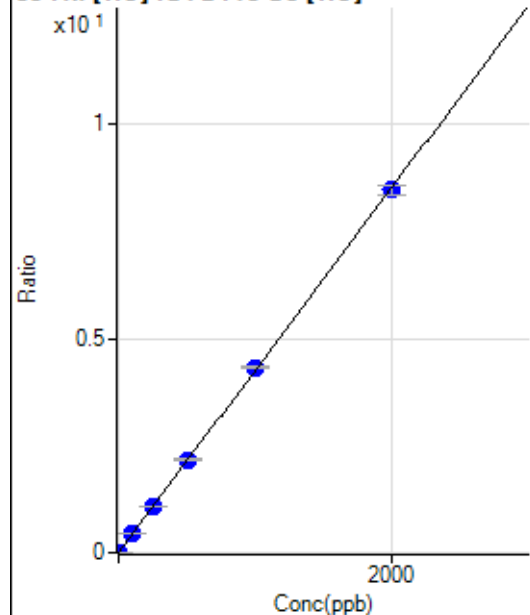
$$y = 0.0154 * x + 0.0096$$

$$R = 1.0000$$

$$DL = 0.2307$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0014	P	5.4
2	☐	0.100					
3	☐	1.000	1.076	306.67	0.0060	P	6.7
4	☐	100.000	101.642	21510.10	0.4344	P	2.0
5	☐	250.000	250.373	52458.22	1.0681	P	1.6
6	☐	500.000	507.393	103833.26	2.1630	P	1.6
7	☐	1000.000	1016.575	199938.63	4.3322	P	0.6
8	☐	2000.000	1989.736	388517.45	8.4781	P	2.4
9	☐			2010.18	0.0420	P	1.4

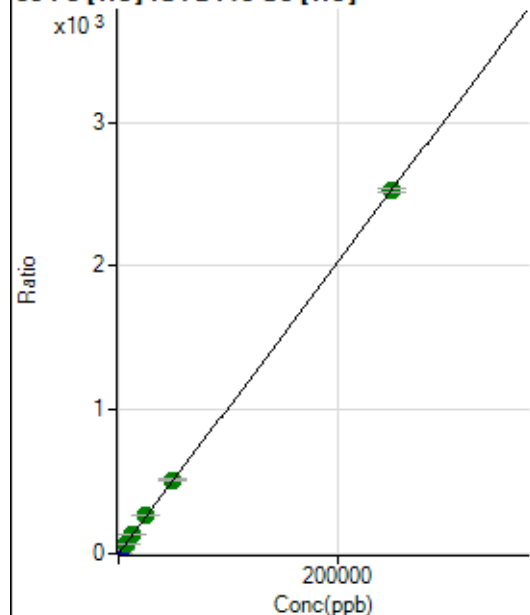
$$y = 0.0043 * x + 0.0014$$

$$R = 0.9999$$

$$DL = 0.05319$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1370.48	0.0268	P	10.8
2	☐	5.000					
3	☐	50.000	50.693	27579.57	0.5390	P	2.3
4	☐	2500.000	2603.401	1303690.77	26.3294	P	1.8
5	☐	6250.000	6513.491	3233303.72	65.8337	A	2.1
6	☐	12500.000	13035.896	6323719.06	131.7306	A	1.5
7	☐	25000.000	25957.353	12104495.41	262.2782	A	0.5
8	☐	50000.000	50766.723	23506941.04	512.9313	A	2.1
9	☐	250000.00	249716.50	120694759.1	2,522.953	A	1.0

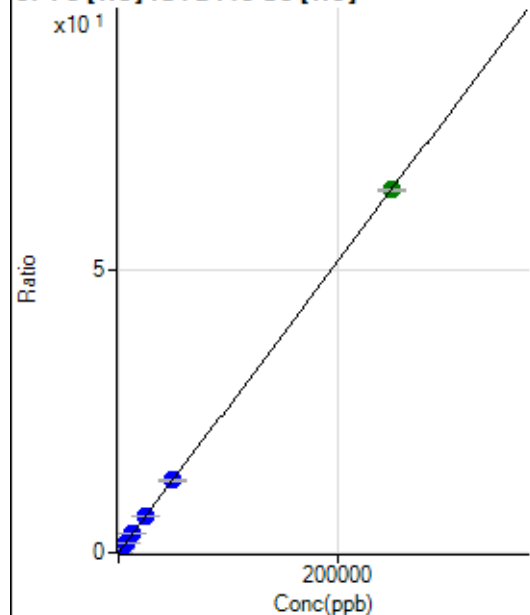
$$y = 0.0101 * x + 0.0268$$

$$R = 1.0000$$

$$DL = 0.8615$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0010	P	30.2
2	☐	5.000					
3	☐	50.000	51.637	727.82	0.0142	P	8.8
4	☐	2500.000	2598.483	33048.91	0.6675	P	2.8
5	☐	6250.000	6381.143	80431.25	1.6377	P	2.4
6	☐	12500.000	12805.367	157722.19	3.2855	P	1.3
7	☐	25000.000	25678.468	304007.15	6.5874	P	0.9
8	☐	50000.000	50300.651	591267.06	12.9029	P	2.6
9	☐	250000.00	249852.49	3065847.78	64.0870	A	0.6

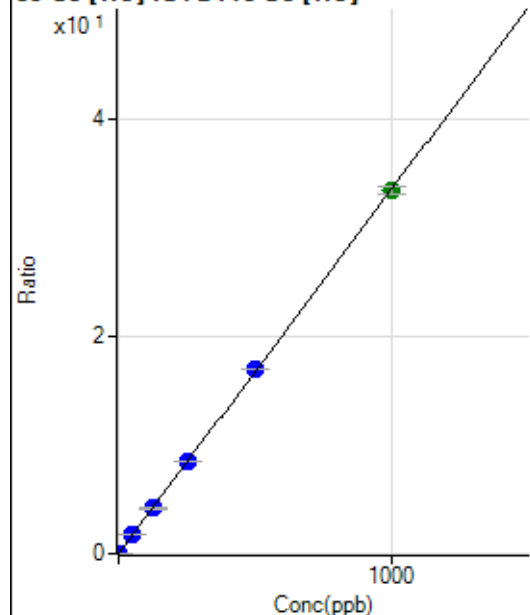
$$y = 2.5650E-004 * x + 9.7950E-004$$

$$R = 1.0000$$

$$DL = 3.455$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.34	0.0018	P	9.1
2	☐	0.100					
3	☐	1.000	1.007	1821.26	0.0356	P	2.2
4	☐	50.000	51.187	85106.84	1.7188	P	1.4
5	☐	125.000	124.763	205636.53	4.1867	P	1.2
6	☐	250.000	253.901	408924.36	8.5182	P	1.3
7	☐	500.000	506.199	783689.28	16.9809	P	0.6
8	☐	1000.000	995.896	1530929.58	33.4065	A	2.2
9	☐			19129.99	0.3999	P	2.0

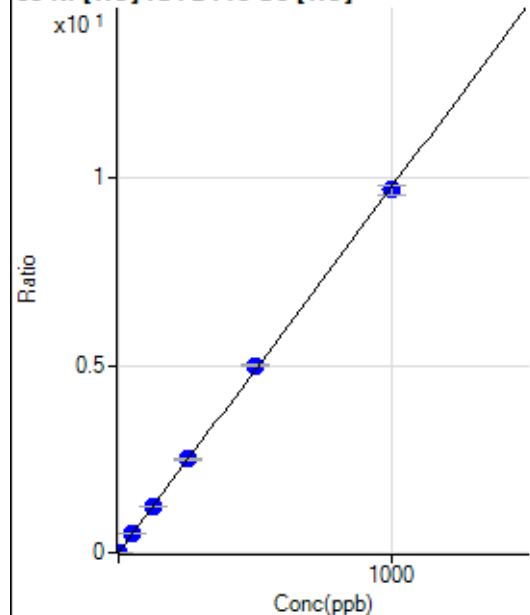
$$y = 0.0335 * x + 0.0018$$

$$R = 1.0000$$

$$DL = 0.01476$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	157.78	0.0031	P	6.4
2	☐	0.100					
3	☐	1.000	0.965	638.91	0.0125	P	5.7
4	☐	50.000	51.411	24963.67	0.5041	P	0.4
5	☐	125.000	125.720	60330.14	1.2283	P	1.4
6	☐	250.000	256.377	120084.13	2.5016	P	2.0
7	☐	500.000	510.934	229936.20	4.9824	P	0.9
8	☐	1000.000	992.778	443499.14	9.6782	P	2.6
9	☐			14766.92	0.3087	P	1.1

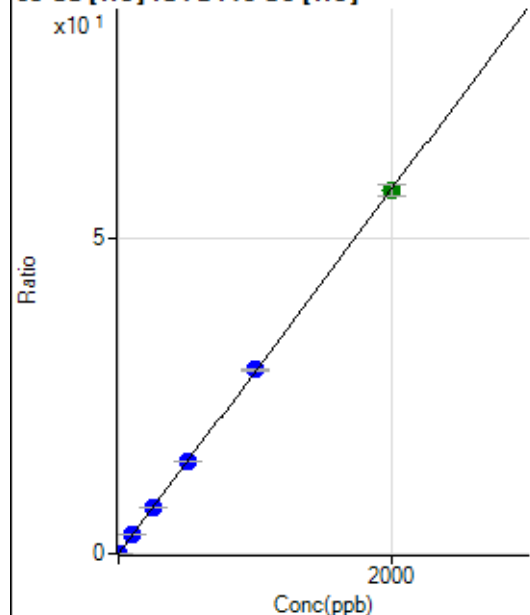
$$y = 0.0097 * x + 0.0031$$

$$R = 0.9999$$

$$DL = 0.06034$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	427.79	0.0084	P	9.1
2	☐	0.200					
3	☐	2.000	1.958	3319.34	0.0649	P	3.0
4	☐	100.000	101.828	145886.86	2.9461	P	0.9
5	☐	250.000	250.373	355191.15	7.2316	P	1.4
6	☐	500.000	507.308	702992.50	14.6442	P	1.4
7	☐	1000.000	1011.554	1347209.63	29.1916	P	0.7
8	☐	2000.000	1992.258	2633953.49	57.4848	A	3.1
9	☐			6729.53	0.1407	P	1.1

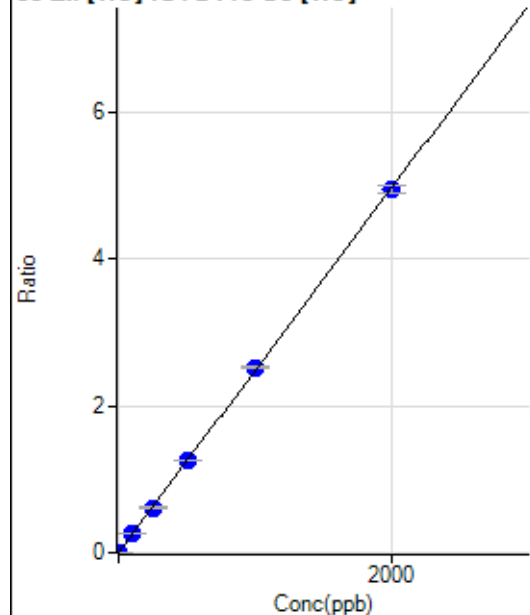
$$y = 0.0288 * x + 0.0084$$

$$R = 1.0000$$

$$DL = 0.07893$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0011	P	16.3
2	☐	0.200					
3	☐	2.000	2.170	333.34	0.0065	P	8.8
4	☐	100.000	102.947	12697.10	0.2564	P	1.7
5	☐	250.000	247.233	30170.78	0.6142	P	1.1
6	☐	500.000	509.157	60670.96	1.2638	P	0.8
7	☐	1000.000	1015.691	116296.77	2.5199	P	0.5
8	☐	2000.000	1990.064	226213.03	4.9362	P	2.3
9	☐			1725.69	0.0361	P	2.1

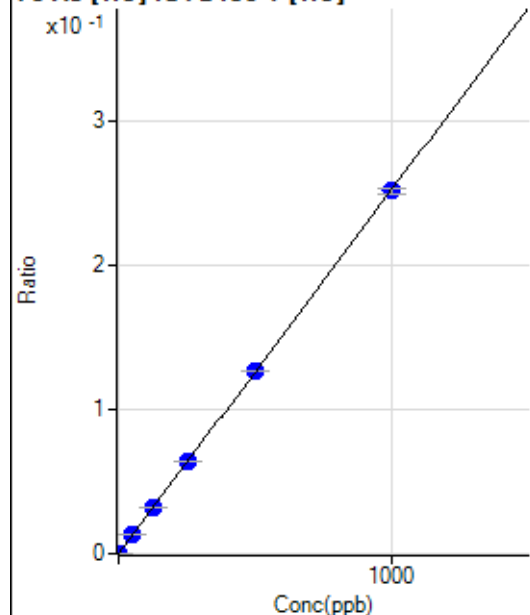
$$y = 0.0025 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.2232$$

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	7.41	0.0000	P	49.9
2	☐	0.100					
3	☐	1.000	0.893	85.80	0.0002	P	4.4
4	☐	50.000	51.380	4419.88	0.0130	P	2.4
5	☐	125.000	127.147	10805.53	0.0321	P	0.3
6	☐	250.000	254.728	21613.25	0.0643	P	1.2
7	☐	500.000	501.976	41471.90	0.1267	P	0.9
8	☐	1000.000	997.493	81390.88	0.2517	P	1.9
9	☐			150.00	0.0004	P	7.0

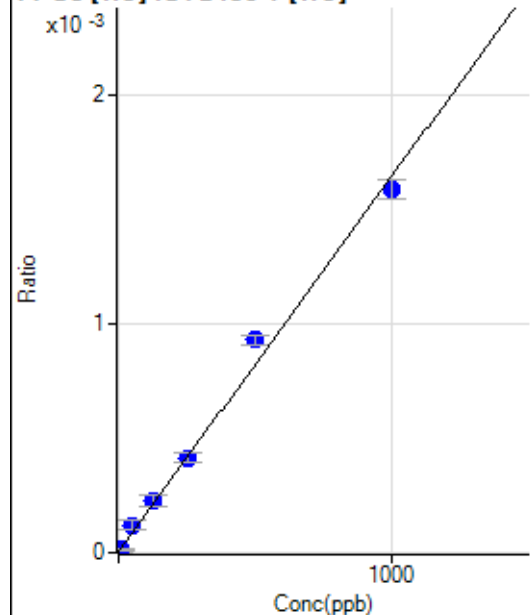
$$y = 2.5232\text{E-}004 * x + 2.1608\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1282$$

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	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.810	4.44	0.0000	P	42.7
4	☐	50.000	71.561	41.11	0.0001	P	37.3
5	☐	125.000	136.802	76.67	0.0002	P	20.1
6	☐	250.000	251.572	140.00	0.0004	P	12.0
7	☐	500.000	564.522	304.46	0.0009	P	4.7
8	☐	1000.000	964.789	513.35	0.0016	P	5.3
9	☐			1.11	0.0000	P	173.

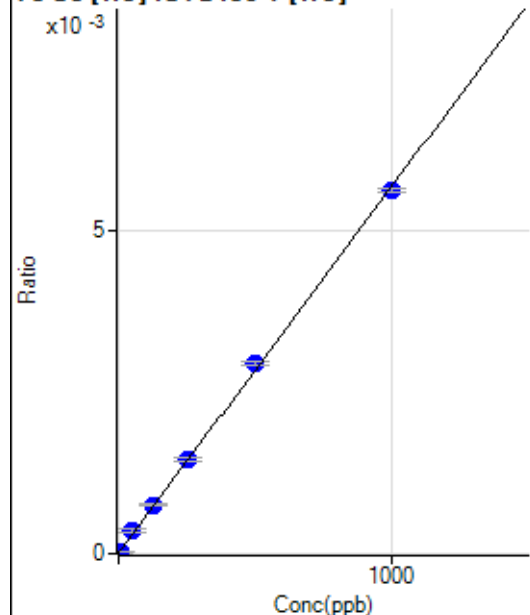
$$y = 1.6418\text{E-}006 * x + 3.2273\text{E-}006$$

$$R = 0.9967$$

$$DL = 10.21$$

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	2.47	0.0000	P	114.
2	☐	0.500					
3	☐	5.000	3.723	9.88	0.0000	P	38.2
4	☐	50.000	60.676	119.76	0.0004	P	16.7
5	☐	125.000	131.730	254.33	0.0008	P	4.4
6	☐	250.000	255.639	490.76	0.0015	P	4.0
7	☐	500.000	516.788	963.62	0.0029	P	2.3
8	☐	1000.000	988.827	1819.27	0.0056	P	1.0
9	☐			3.09	0.0000	P	69.8

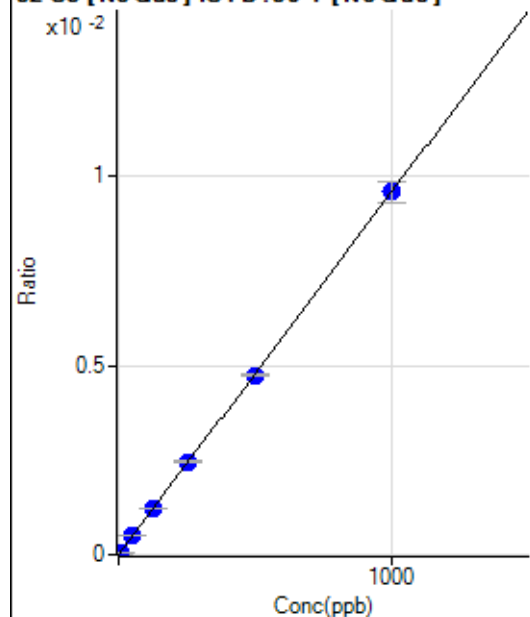
$$y = 5.6809\text{E-}006 * x + 7.2012\text{E-}006$$

$$R = 0.9997$$

$$DL = 4.347$$

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	-55.44	0.0000	P	-46.
2	☐	0.500					
3	☐	5.000	5.978	572.74	0.0001	P	3.7
4	☐	50.000	51.241	5583.28	0.0005	P	3.0
5	☐	125.000	126.074	13680.69	0.0012	P	0.4
6	☐	250.000	256.547	28224.95	0.0025	P	1.9
7	☐	500.000	494.740	55609.47	0.0047	P	1.4
8	☐	1000.000	1000.792	109228.01	0.0096	P	5.7
9	☐			88.44	0.0000	P	43.4

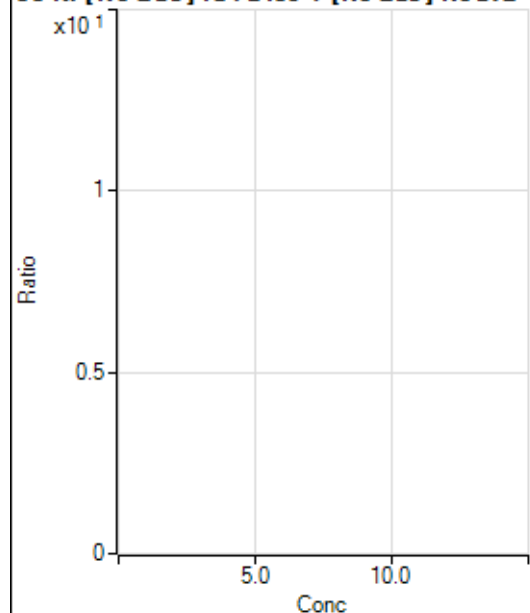
$$y = 9.5830\text{E-}006 * x - 5.0091\text{E-}006$$

$$R = 1.0000$$

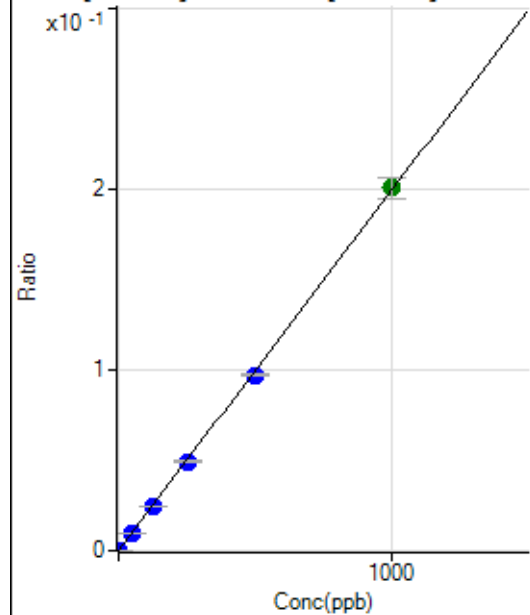
$$DL = 0.7282$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			367.79	0.0000	P	5.4
2	☐						
3	☐			332.24	0.0000	P	17.1
4	☐			348.90	0.0000	P	10.3
5	☐			295.57	0.0000	P	6.8
6	☐			340.01	0.0000	P	4.6
7	☐			343.35	0.0000	P	12.3
8	☐			320.01	0.0000	P	5.5
9	☐			336.68	0.0000	P	4.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	530.59	0.0000	P	7.1
2	☐	0.100					
3	☐	1.000	1.045	2811.52	0.0003	P	1.2
4	☐	50.000	49.127	113006.33	0.0098	P	1.0
5	☐	125.000	124.328	282248.18	0.0248	P	0.5
6	☐	250.000	247.980	569041.83	0.0495	P	1.4
7	☐	500.000	487.256	1140625.00	0.0971	P	1.4
8	☐	1000.000	1007.005	2287259.84	0.2007	A	5.6
9	☐			11552.66	0.0010	P	3.9

$$y = 1.9927E-004 * x + 4.8036E-005$$

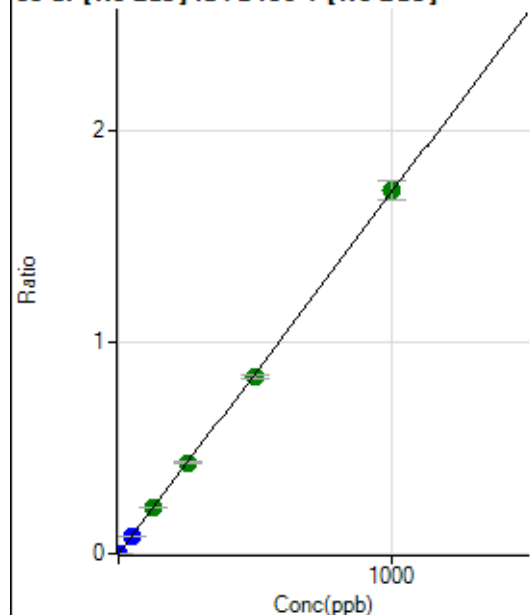
$$R = 0.9999$$

$$DL = 0.05154$$

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	133.34	0.0000	P	16.8
2	☐	0.100					
3	☐	1.000	1.035	19450.71	0.0018	P	5.1
4	☐	50.000	49.940	978467.73	0.0852	P	1.1
5	☐	125.000	127.276	2468070.07	0.2171	A	1.4
6	☐	250.000	252.198	4947839.91	0.4301	A	2.2
7	☐	500.000	489.452	9800506.64	0.8347	A	1.9
8	☐	1000.000	1004.443	19522015.02	1.7129	A	5.3
9	☐			97561.81	0.0086	P	4.6

$$y = 0.0017 * x + 1.2071E-005$$

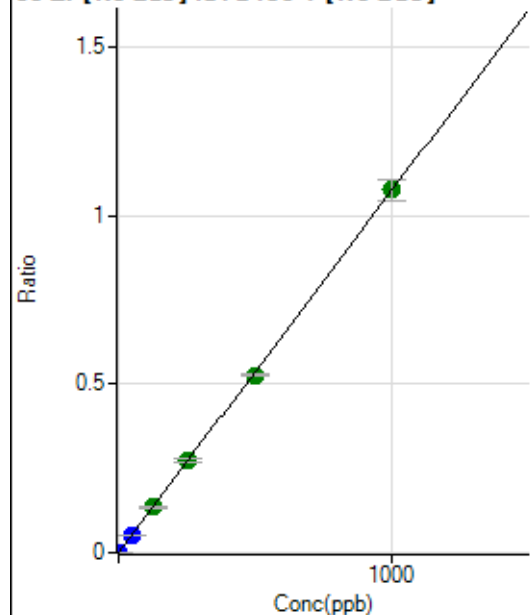
$$R = 0.9999$$

$$DL = 0.00356$$

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	1000.08	0.0001	P	18.2
2	☐	0.100					
3	☐	1.000	0.950	12125.33	0.0011	P	9.6
4	☐	50.000	48.466	598503.59	0.0521	P	1.6
5	☐	125.000	125.090	1527306.16	0.1343	A	3.1
6	☐	250.000	254.864	3147258.93	0.2736	A	2.5
7	☐	500.000	491.703	6197022.36	0.5278	A	0.8
8	☐	1000.000	1002.998	12266362.34	1.0765	A	5.7
9	☐			3975.77	0.0004	P	10.3

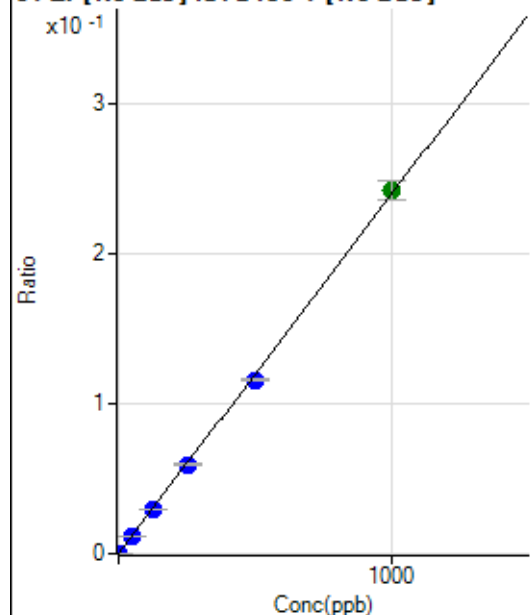
$$y = 0.0011 * x + 9.0465E-005$$

$$R = 0.9999$$

$$DL = 0.04599$$

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	205.57	0.0000	P	17.8
2	☐	0.100					
3	☐	1.000	0.934	2642.03	0.0002	P	10.7
4	☐	50.000	48.382	133154.14	0.0116	P	1.7
5	☐	125.000	122.600	333657.65	0.0293	P	1.5
6	☐	250.000	247.061	680048.83	0.0591	P	2.2
7	☐	500.000	482.808	1356243.80	0.1155	P	1.5
8	☐	1000.000	1009.712	2752791.97	0.2415	A	5.4
9	☐			930.63	0.0001	P	5.3

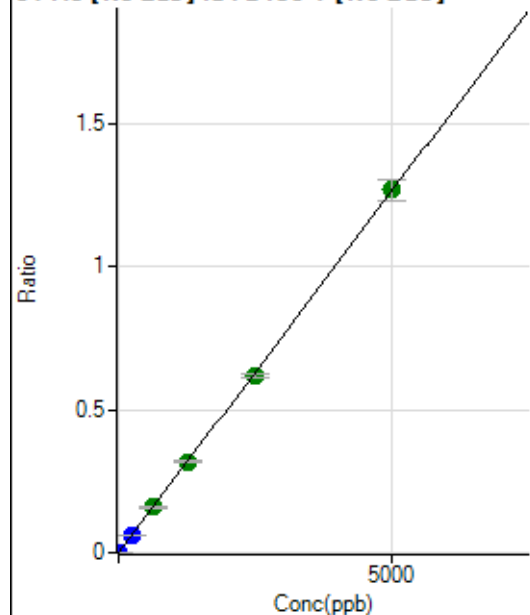
$$y = 2.3920E-004 * x + 1.8594E-005$$

$$R = 0.9998$$

$$DL = 0.04144$$

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	488.92	0.0000	P	10.4
2	☐	0.500					
3	☐	5.000	5.081	14536.11	0.0013	P	6.6
4	☐	250.000	248.464	722051.85	0.0629	P	0.6
5	☐	625.000	630.819	1813742.40	0.1595	A	2.0
6	☐	1250.000	1263.390	3674741.14	0.3194	A	2.1
7	☐	2500.000	2446.459	7262001.72	0.6185	A	2.5
8	☐	5000.000	5022.772	14470783.48	1.2698	A	5.6
9	☐			19534.27	0.0017	P	10.1

$$y = 2.5280E-004 * x + 4.4249E-005$$

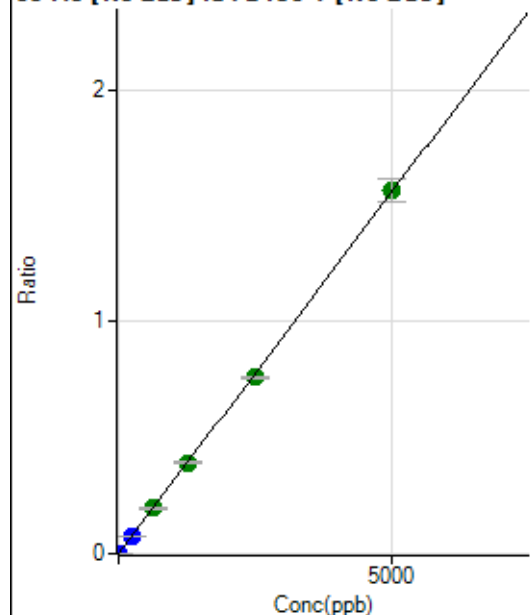
$$R = 0.9999$$

$$DL = 0.05449$$

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	225.01	0.0000	P	9.2
2	☐	0.500					
3	☐	5.000	4.975	17194.93	0.0016	P	5.1
4	☐	250.000	247.965	887788.26	0.0773	P	0.2
5	☐	625.000	630.755	2234870.84	0.1966	A	2.7
6	☐	1250.000	1260.078	4517217.07	0.3927	A	1.6
7	☐	2500.000	2446.790	8952325.11	0.7624	A	1.2
8	☐	5000.000	5023.468	17833354.91	1.5653	A	6.3
9	☐			31186.79	0.0028	P	8.4

$$y = 3.1159\text{E-}004 * x + 2.0358\text{E-}005$$

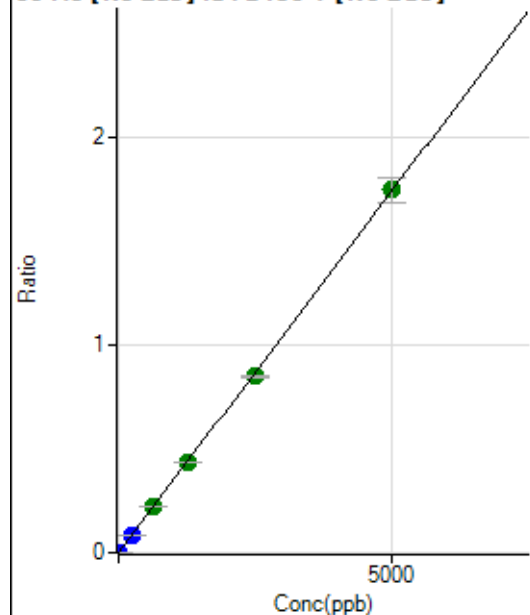
$$R = 0.9999$$

$$DL = 0.01796$$

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	294.46	0.0000	P	12.0
2	☐	0.500					
3	☐	5.000	4.963	19125.26	0.0017	P	6.0
4	☐	250.000	248.230	989387.30	0.0861	P	0.4
5	☐	625.000	633.116	2497281.91	0.2196	A	1.6
6	☐	1250.000	1252.213	4997130.23	0.4344	A	1.9
7	☐	2500.000	2447.348	9968076.78	0.8489	A	1.1
8	☐	5000.000	5024.847	19854908.78	1.7430	A	6.6
9	☐			35762.12	0.0032	P	6.3

$$y = 3.4687\text{E-}004 * x + 2.6654\text{E-}005$$

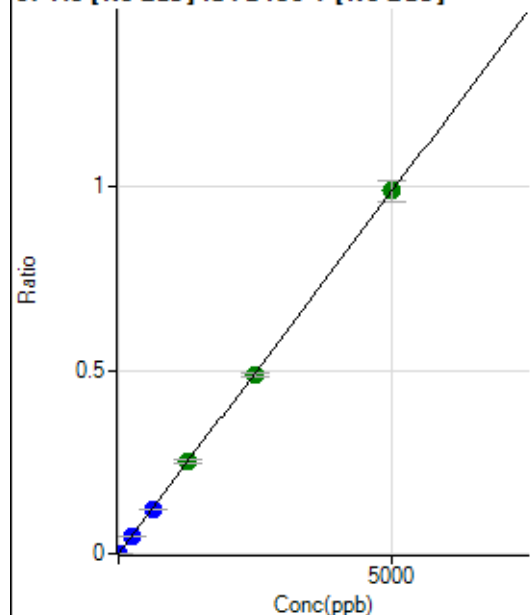
$$R = 0.9999$$

$$DL = 0.02761$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.68	0.0000	P	9.2
2	☐	0.500					
3	☐	5.000	5.018	11018.91	0.0010	P	7.2
4	☐	250.000	246.488	559011.46	0.0487	P	0.3
5	☐	625.000	617.267	1385373.37	0.1218	P	1.0
6	☐	1250.000	1270.246	2883897.57	0.2507	A	3.0
7	☐	2500.000	2470.063	5724127.21	0.4875	A	1.4
8	☐	5000.000	5011.049	11270142.44	0.9890	A	5.6
9	☐			19790.21	0.0018	P	7.8

$$y = 1.9736\text{E-}004 * x + 1.7354\text{E-}005$$

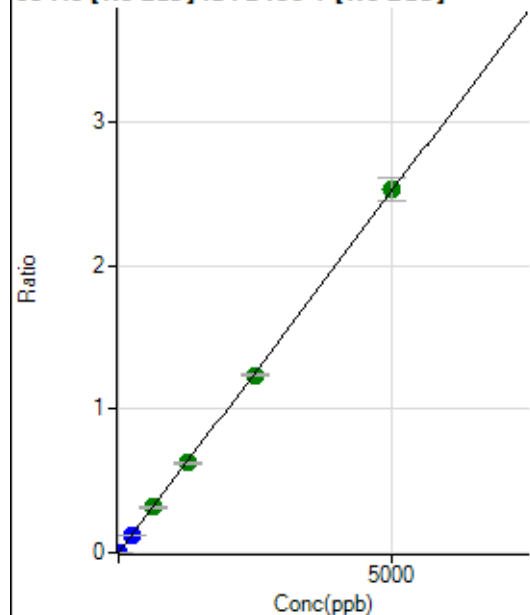
$$R = 1.0000$$

$$DL = 0.02428$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	369.47	0.0000	P	9.4
2	☐	0.500					
3	☐	5.000	4.961	27620.74	0.0025	P	8.9
4	☐	250.000	246.410	1423619.00	0.1239	P	0.4
5	☐	625.000	626.745	3583602.12	0.3152	A	0.8
6	☐	1250.000	1249.532	7228006.32	0.6283	A	2.0
7	☐	2500.000	2455.814	14499719.94	1.2348	A	0.9
8	☐	5000.000	5022.172	28770216.27	2.5252	A	6.2
9	☐			49915.39	0.0044	P	6.2

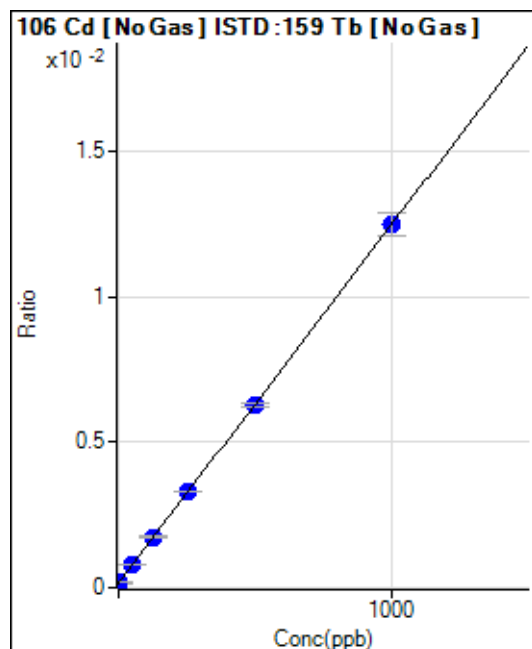
$$y = 5.0281\text{E-}004 * x + 3.3446\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01882$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2278.09	0.0002	P	7.2
2	☐	0.100					
3	☐	1.000	1.243	2483.69	0.0002	P	3.5
4	☐	50.000	51.925	12053.12	0.0008	P	5.6
5	☐	125.000	128.561	26167.91	0.0017	P	3.1
6	☐	250.000	255.287	50646.11	0.0033	P	1.3
7	☐	500.000	497.342	100019.88	0.0063	P	1.7
8	☐	1000.000	999.466	193774.70	0.0125	P	6.3
9	☐			2464.23	0.0002	P	9.8

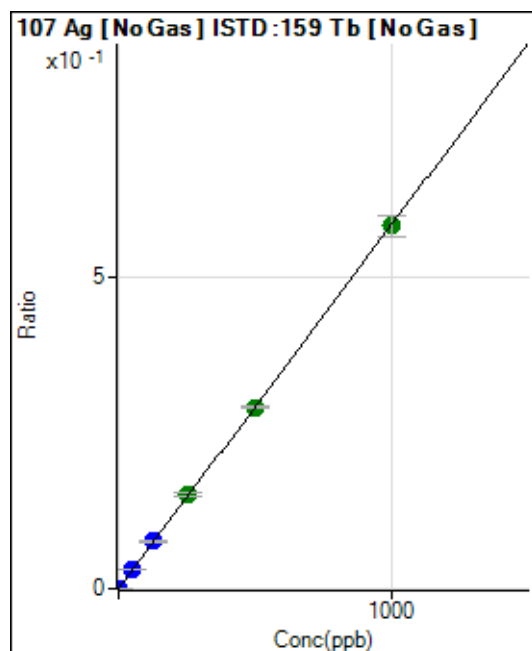
$$y = 1.2329\text{E-}005 * x + 1.5772\text{E-}004$$

$$R = 1.0000$$

$$DL = 2.777$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	22.9
2	☐	0.100					
3	☐	1.000	1.084	9095.15	0.0006	P	11.2
4	☐	50.000	52.096	458978.80	0.0304	P	0.1
5	☐	125.000	129.818	1136845.82	0.0757	P	1.3
6	☐	250.000	259.852	2321458.54	0.1515	A	3.0
7	☐	500.000	499.369	4630995.29	0.2912	A	1.4
8	☐	1000.000	997.145	9029066.78	0.5815	A	6.1
9	☐			1075.10	0.0001	P	11.3

$$y = 5.8314\text{E-}004 * x + 5.5681\text{E-}006$$

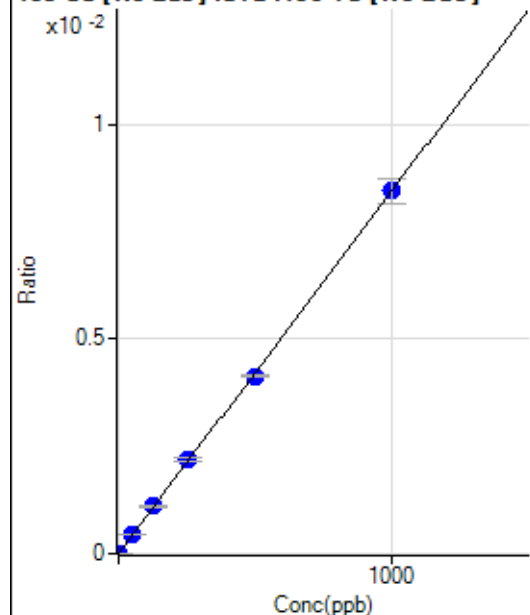
$$R = 0.9999$$

$$DL = 0.006553$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.06	0.0000	P	35.5
2	☐	0.100					
3	☐	1.000	0.854	119.45	0.0000	P	36.0
4	☐	50.000	51.114	6529.50	0.0004	P	2.2
5	☐	125.000	130.261	16511.81	0.0011	P	2.8
6	☐	250.000	260.235	33640.83	0.0022	P	2.4
7	☐	500.000	490.350	65780.65	0.0041	P	1.1
8	☐	1000.000	1001.553	131126.86	0.0084	P	6.9
9	☐			63.89	0.0000	P	13.9

$$y = 8.4329\text{E-}006 * x + 1.2520\text{E-}006$$

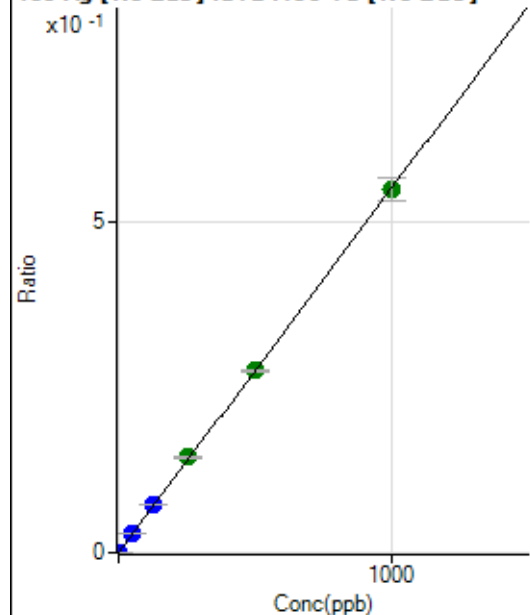
$$R = 0.9999$$

$$DL = 0.1583$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	17.4
2	☐	0.100					
3	☐	1.000	1.061	8380.78	0.0006	P	7.3
4	☐	50.000	52.254	434755.62	0.0288	P	0.6
5	☐	125.000	131.118	1084333.51	0.0722	P	2.4
6	☐	250.000	262.245	2212835.66	0.1444	A	2.7
7	☐	500.000	500.561	4384511.34	0.2757	A	1.2
8	☐	1000.000	995.781	8515000.89	0.5484	A	6.5
9	☐			1008.42	0.0001	P	17.5

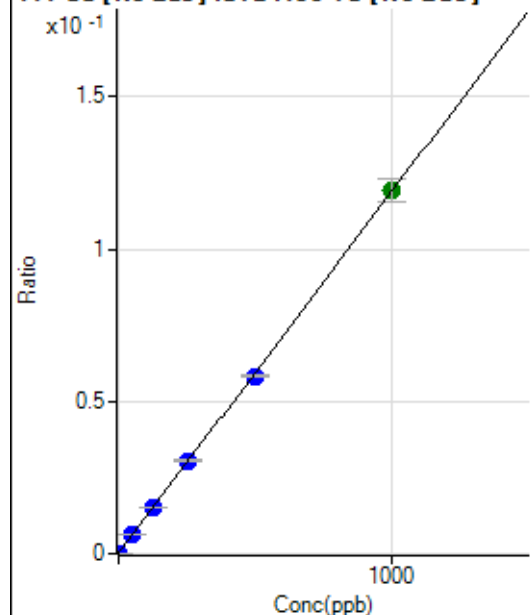
$$y = 5.5077\text{E-}004 * x + 1.9237\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.001823$$

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	1600.08	0.0001	P	7.4
2	☐	0.100					
3	☐	1.000	1.038	3352.33	0.0002	P	5.4
4	☐	50.000	51.492	93979.64	0.0062	P	0.2
5	☐	125.000	128.220	230150.62	0.0153	P	1.5
6	☐	250.000	255.432	466152.85	0.0304	P	1.7
7	☐	500.000	490.711	927854.34	0.0583	P	1.2
8	☐	1000.000	1002.810	1849406.52	0.1191	A	6.5
9	☐			2187.21	0.0001	P	10.4

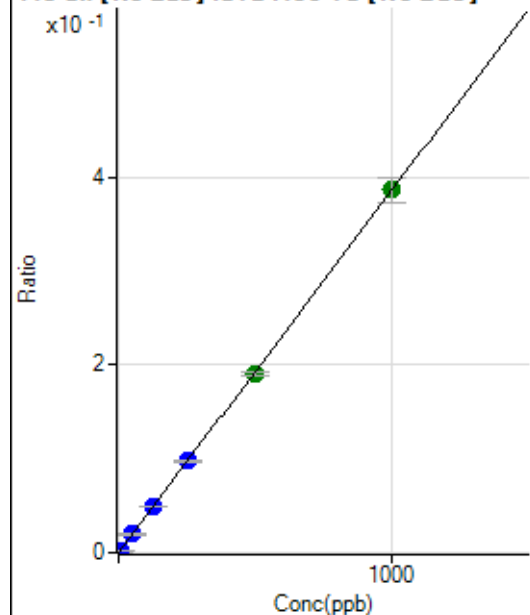
$$y = 1.1867\text{E-}004 * x + 1.1077\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.2068$$

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	527.81	0.0000	P	13.7
2	☐	0.500					
3	☐	5.000	5.137	28812.59	0.0020	P	7.2
4	☐	50.000	50.434	294155.18	0.0195	P	0.5
5	☐	125.000	126.145	730534.28	0.0487	P	1.9
6	☐	250.000	253.968	1500120.72	0.0979	P	2.4
7	☐	500.000	493.630	3025865.41	0.1903	A	1.9
8	☐	1000.000	1002.028	5995462.28	0.3862	A	6.8
9	☐			15868.28	0.0010	P	8.3

$$y = 3.8540\text{E-}004 * x + 3.6595\text{E-}005$$

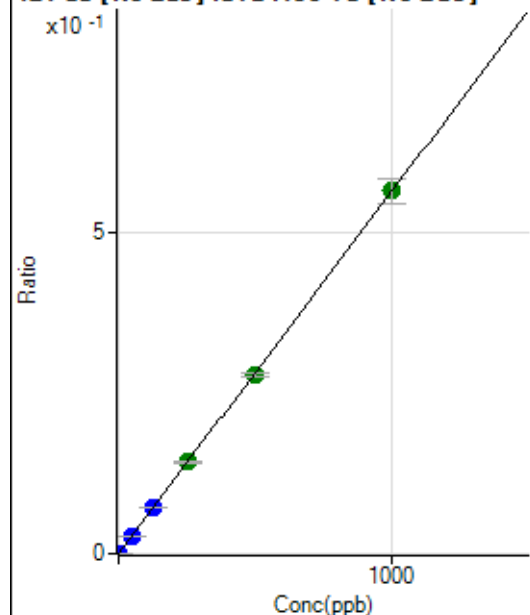
$$R = 1.0000$$

$$DL = 0.03901$$

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	44.45	0.0000	P	27.2
2	☐	0.200					
3	☐	2.000	2.039	16458.06	0.0012	P	6.2
4	☐	50.000	49.568	421770.73	0.0279	P	0.5
5	☐	125.000	126.285	1068104.36	0.0711	P	1.5
6	☐	250.000	254.458	2195787.25	0.1433	A	2.5
7	☐	500.000	493.031	4416111.65	0.2777	A	1.6
8	☐	1000.000	1002.231	8763829.02	0.5645	A	6.6
9	☐			25792.58	0.0017	P	11.7

$$y = 5.6324\text{E-}004 * x + 3.0697\text{E-}006$$

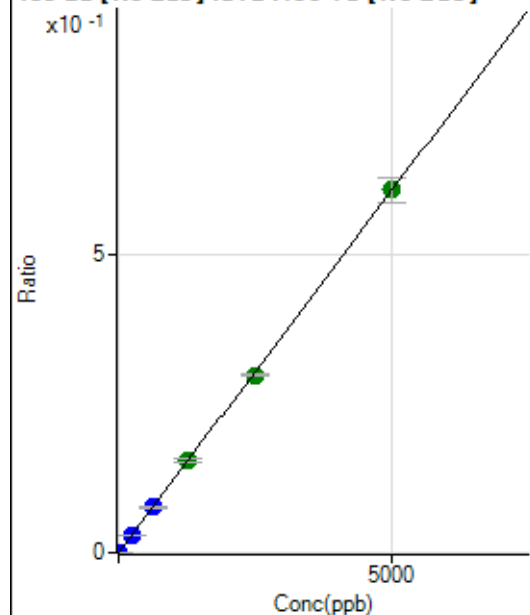
$$R = 1.0000$$

$$DL = 0.004447$$

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	77.78	0.0000	P	23.3
2	☐	1.000					
3	☐	10.000	10.128	17595.72	0.0012	P	10.5
4	☐	250.000	249.536	457018.81	0.0303	P	0.7
5	☐	625.000	626.837	1141132.88	0.0760	P	1.4
6	☐	1250.000	1276.545	2371014.24	0.1548	A	2.2
7	☐	2500.000	2457.164	4737032.96	0.2979	A	1.6
8	☐	5000.000	5014.575	9437602.99	0.6079	A	6.6
9	☐			1886.33	0.0001	P	11.0

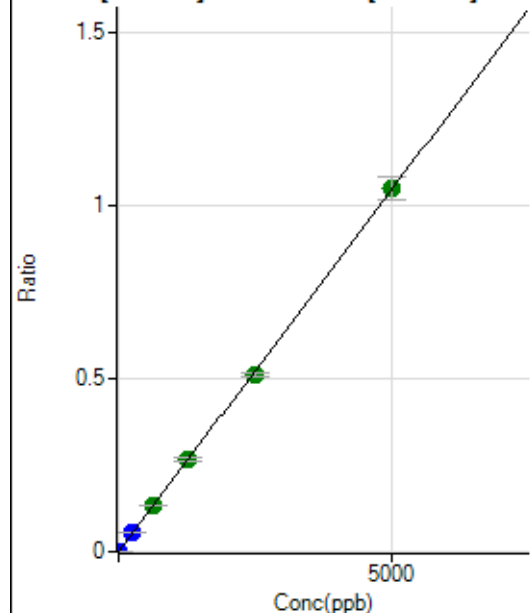
$$y = 1.2123\text{E-}004 * x + 5.3753\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.03105$$

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	102.78	0.0000	P	24.8
2	☐	1.000					
3	☐	10.000	10.192	30511.40	0.0021	P	8.0
4	☐	250.000	253.367	799535.86	0.0529	P	0.6
5	☐	625.000	642.683	2015820.92	0.1343	A	2.1
6	☐	1250.000	1274.782	4079343.93	0.2663	A	2.9
7	☐	2500.000	2449.981	8138271.71	0.5118	A	1.8
8	☐	5000.000	5016.435	16269661.99	1.0478	A	6.3
9	☐			3050.49	0.0002	P	3.2

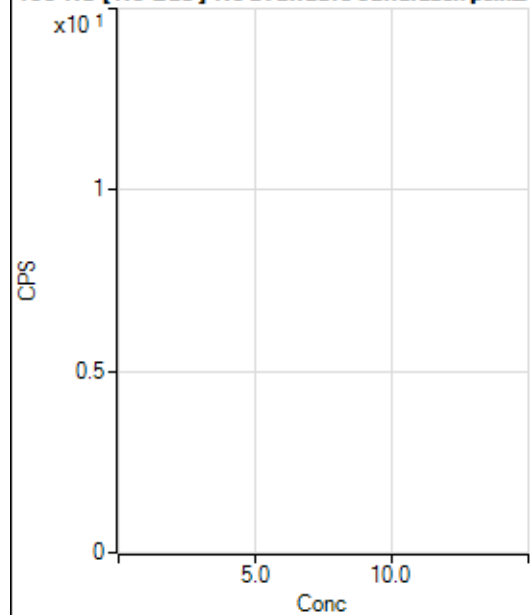
$$y = 2.0888E-004 * x + 7.1040E-006$$

$$R = 0.9999$$

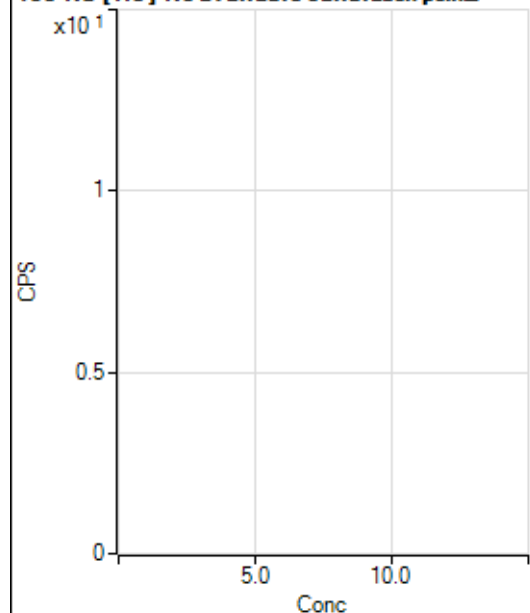
$$DL = 0.02527$$

Weight: <None>

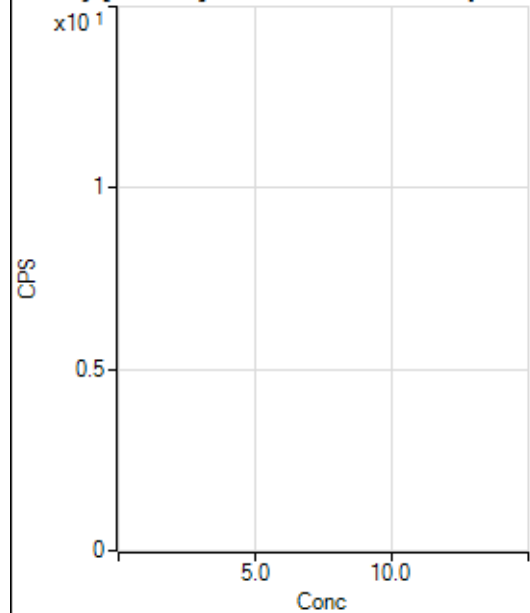
Min Conc: 0

150 Nd [No Gas] No available calibration points

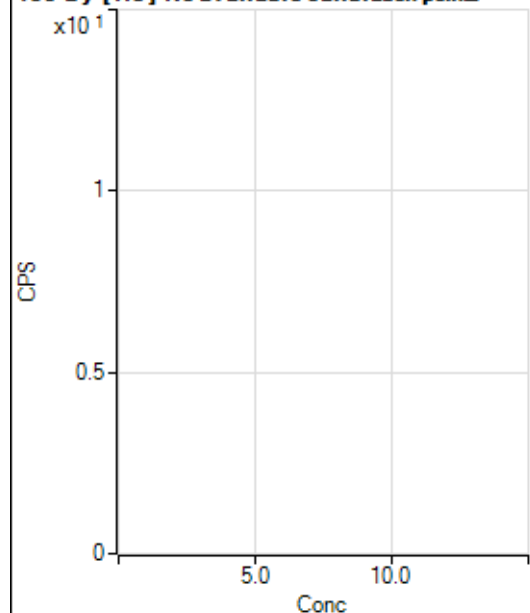
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			11.11		P	173.
4	☐			22.22		P	34.7
5	☐			66.67		P	55.7
6	☐			88.89		P	8.7
7	☐			222.23		P	4.6
8	☐			344.46		P	18.6
9	☐			137.78		P	24.8

150 Nd [He] No available calibration points

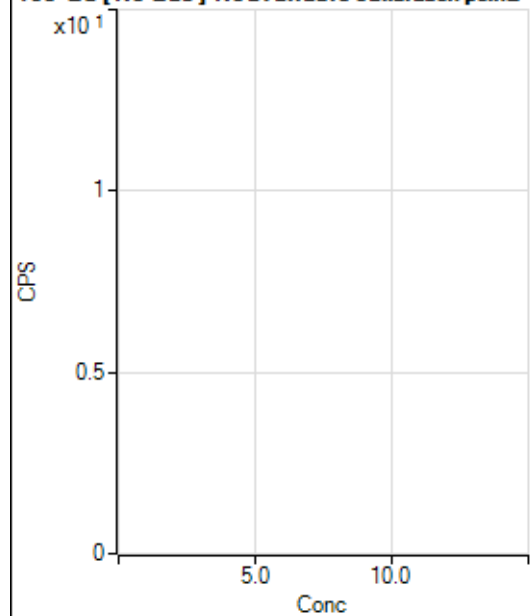
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.
6	☐			3.33		P	0.0
7	☐			4.44		P	43.4
8	☐			10.00		P	66.7
9	☐			10.00		P	33.3

156 Dy [No Gas] No available calibration points

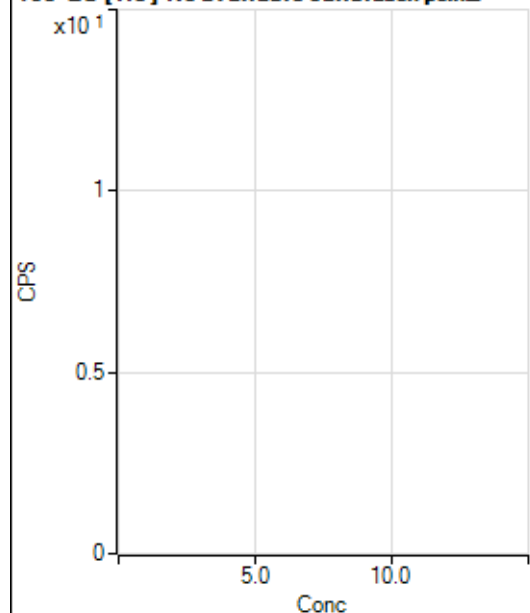
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐						
3	☐			25.00		P	88.2
4	☐			27.78		P	34.6
5	☐			30.56		P	41.7
6	☐			52.78		P	24.1
7	☐			127.78		P	26.4
8	☐			88.89		P	28.6
9	☐			100.01		P	14.4

156 Dy [He] No available calibration points

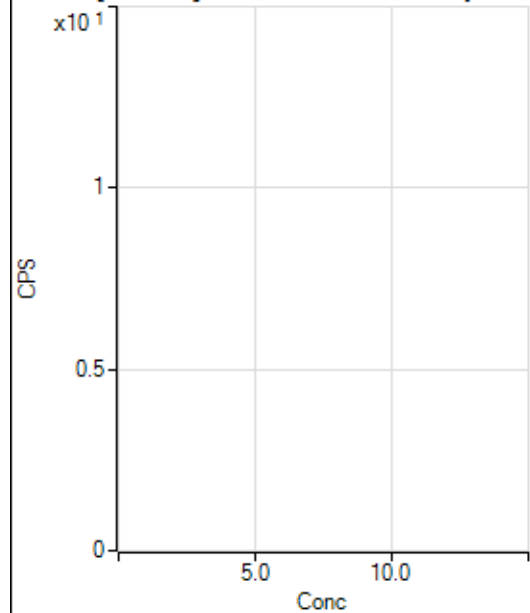
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			2.22		P	86.6
4	☐			2.22		P	173.
5	☐			2.22		P	86.6
6	☐			3.33		P	100.
7	☐			7.78		P	65.5
8	☐			7.78		P	24.7
9	☐			16.67		P	20.0

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

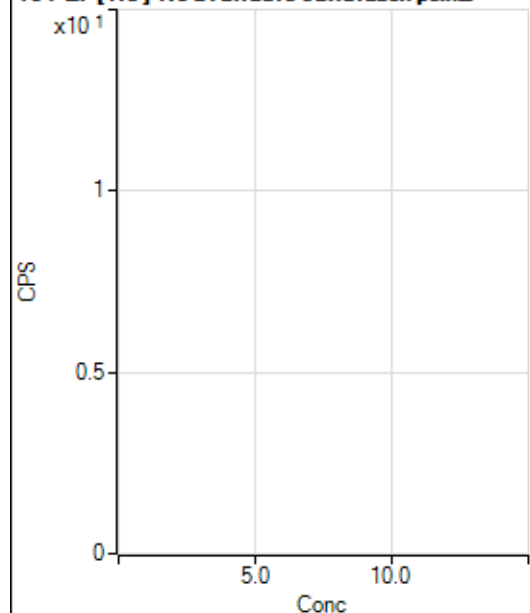
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	16.7
2	☐						
3	☐			80.56		P	15.8
4	☐			105.56		P	19.9
5	☐			69.45		P	18.3
6	☐			86.12		P	24.4
7	☐			113.90		P	40.3
8	☐			91.67		P	15.7
9	☐			136.12		P	33.7

160 Gd [He] No available calibration points

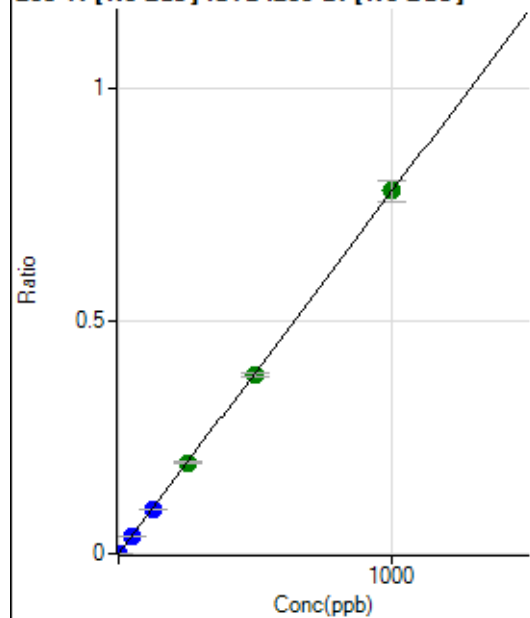
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐						
3	☐			13.33		P	25.0
4	☐			11.11		P	17.3
5	☐			8.89		P	43.3
6	☐			6.67		P	86.6
7	☐			10.00		P	88.2
8	☐			21.11		P	50.8
9	☐			23.33		P	57.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	9.1
2	☐						
3	☐			66.67		P	54.5
4	☐			66.67		P	25.0
5	☐			38.89		P	24.7
6	☐			66.67		P	45.1
7	☐			50.00		P	33.3
8	☐			58.34		P	14.3
9	☐			36.11		P	26.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			17.78		P	47.2
4	☐			10.00		P	0.0
5	☐			12.22		P	87.7
6	☐			5.56		P	91.6
7	☐			6.67		P	50.0
8	☐			6.67		P	0.0
9	☐			7.78		P	24.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	125.01	0.0000	P	22.4
2	☐	0.100					
3	☐	1.000	0.984	7160.70	0.0008	P	8.8
4	☐	50.000	48.660	367229.23	0.0378	P	1.5
5	☐	125.000	121.739	917814.62	0.0945	P	2.6
6	☐	250.000	251.334	1917766.32	0.1951	A	2.7
7	☐	500.000	494.281	3868820.44	0.3837	A	1.3
8	☐	1000.000	1003.001	7663162.76	0.7787	A	5.8
9	☐			4598.32	0.0005	P	13.4

$$y = 7.7631\text{E-}004 * x + 1.3231\text{E-}005$$

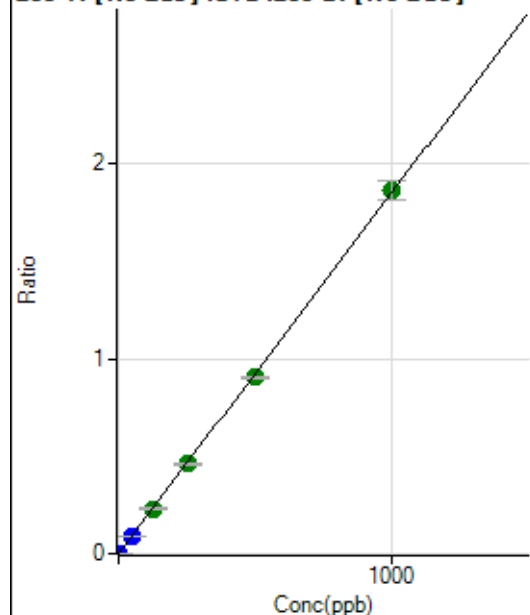
$$R = 1.0000$$

$$DL = 0.01144$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333.35	0.0000	P	9.6
2	☐	0.100					
3	☐	1.000	1.009	17518.48	0.0019	P	6.4
4	☐	50.000	49.304	885619.06	0.0911	P	1.1
5	☐	125.000	124.502	2233935.66	0.2301	A	2.8
6	☐	250.000	249.073	4523478.31	0.4602	A	2.2
7	☐	500.000	488.162	9093702.89	0.9020	A	1.3
8	☐	1000.000	1006.248	18299640.86	1.8592	A	5.4
9	☐			11188.80	0.0012	P	14.0

$$y = 0.0018 * x + 3.5339E-005$$

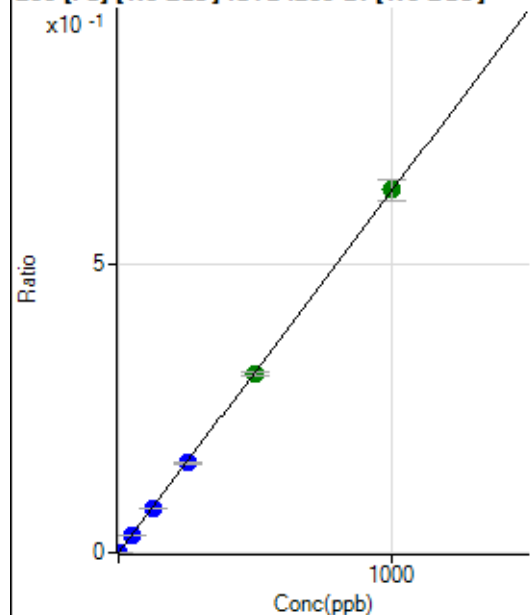
$$R = 0.9999$$

$$DL = 0.005525$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	272.23	0.0000	P	10.9
2	☐	0.100					
3	☐	1.000	0.983	5972.00	0.0006	P	2.9
4	☐	50.000	49.512	302387.02	0.0311	P	0.5
5	☐	125.000	122.127	744850.72	0.0767	P	2.5
6	☐	250.000	247.874	1530003.29	0.1557	P	1.9
7	☐	500.000	494.766	3132083.72	0.3107	A	1.8
8	☐	1000.000	1003.532	6201631.39	0.6301	A	5.6
9	☐			39010.64	0.0042	P	5.4

$$y = 6.2785E-004 * x + 2.8902E-005$$

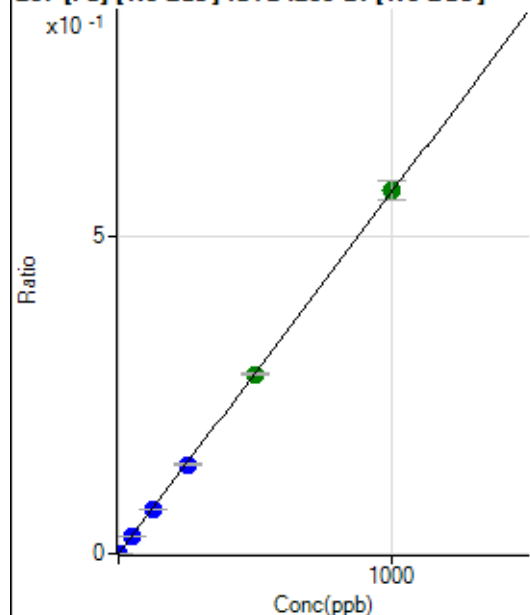
$$R = 1.0000$$

$$DL = 0.01508$$

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	253.72	0.0000	P	23.3
2	☐	0.100					
3	☐	1.000	1.007	5553.24	0.0006	P	5.8
4	☐	50.000	48.635	269976.10	0.0278	P	0.4
5	☐	125.000	121.765	675030.48	0.0695	P	2.0
6	☐	250.000	246.158	1381005.38	0.1405	P	1.8
7	☐	500.000	495.119	2848913.14	0.2826	A	1.1
8	☐	1000.000	1003.874	5638907.71	0.5729	A	5.4
9	☐			32822.63	0.0036	P	5.3

$$y = 5.7065\text{E-}004 * x + 2.6851\text{E-}005$$

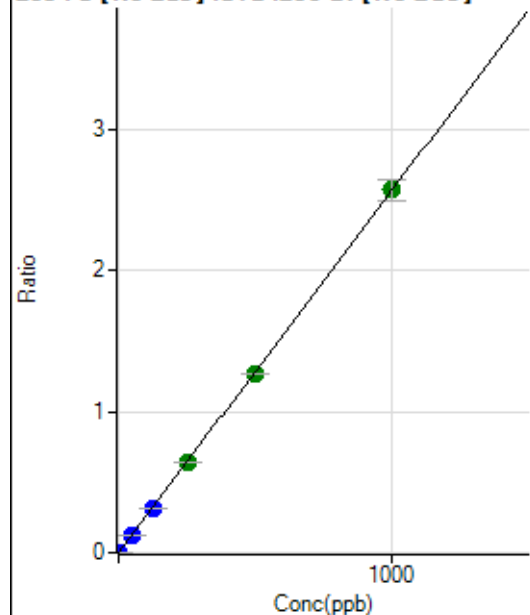
$$R = 1.0000$$

$$DL = 0.03282$$

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	1137.10	0.0001	P	4.5
2	☐	0.100					
3	☐	1.000	0.991	24591.57	0.0027	P	5.8
4	☐	50.000	48.847	1219613.44	0.1255	P	0.3
5	☐	125.000	122.059	3043403.84	0.3134	P	2.3
6	☐	250.000	250.219	6314012.39	0.6424	A	1.8
7	☐	500.000	494.256	12791687.52	1.2687	A	0.9
8	☐	1000.000	1003.243	25344635.46	2.5751	A	5.6
9	☐			152110.68	0.0166	P	5.1

$$y = 0.0026 * x + 1.2062\text{E-}004$$

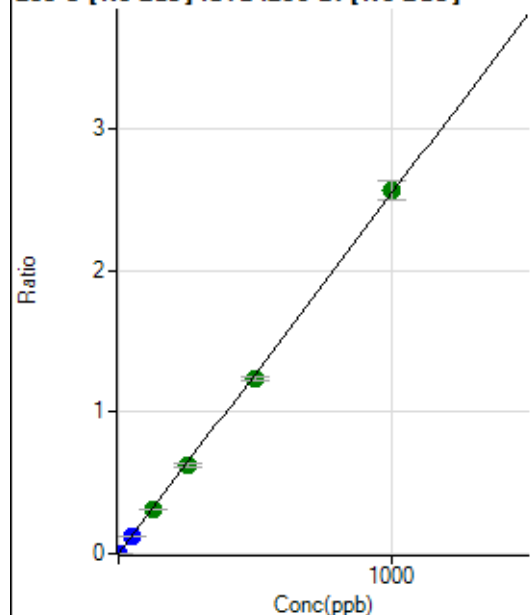
$$R = 1.0000$$

$$DL = 0.006353$$

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	525.04	0.0001	P	11.5
2	☐	0.100					
3	☐	1.000	0.954	22919.30	0.0025	P	6.0
4	☐	50.000	47.956	1186652.42	0.1221	P	0.6
5	☐	125.000	123.485	3052572.18	0.3143	A	1.7
6	☐	250.000	245.709	6147158.12	0.6254	A	2.3
7	☐	500.000	486.500	12483741.69	1.2382	A	1.4
8	☐	1000.000	1008.114	25255848.65	2.5658	A	5.2
9	☐			2294.77	0.0003	P	23.5

$$y = 0.0025 * x + 5.5756E-005$$

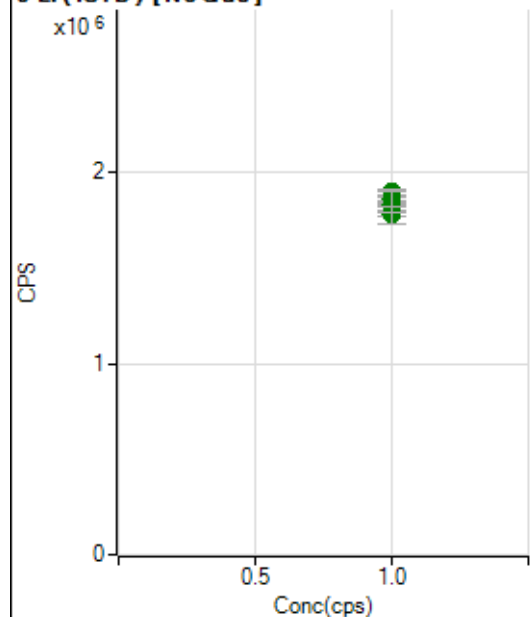
$$R = 0.9999$$

$$DL = 0.00756$$

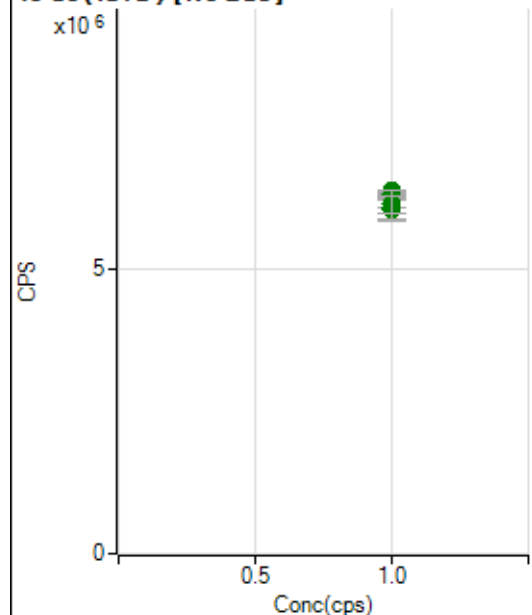
Weight: <None>

Min Conc: 0

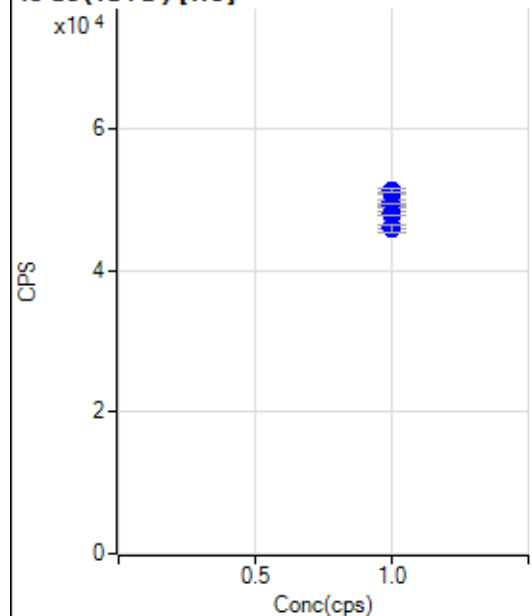
6 Li (ISTD) [No Gas]



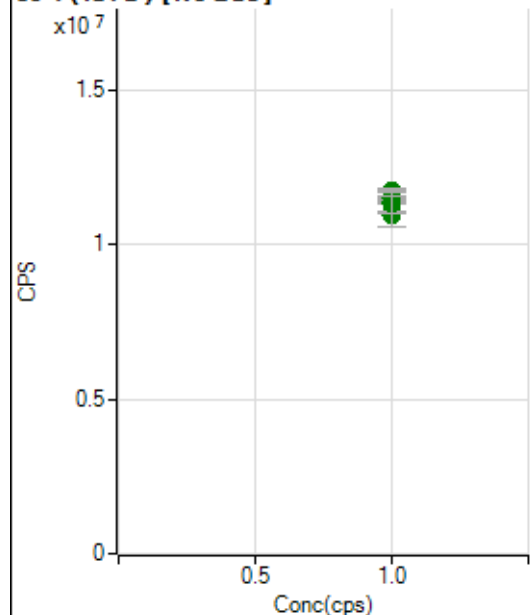
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1786132.11		A	2.0
2	☐	1.000					
3	☐	1.000		1783546.83		A	5.3
4	☐	1.000		1876875.14		A	0.2
5	☐	1.000		1864654.11		A	1.2
6	☐	1.000		1862838.95		A	1.8
7	☐	1.000		1900148.25		A	1.6
8	☐	1.000		1833355.01		A	4.6
9	☐	1.000		1862366.93		A	4.6

45 Sc (ISTD) [No Gas]

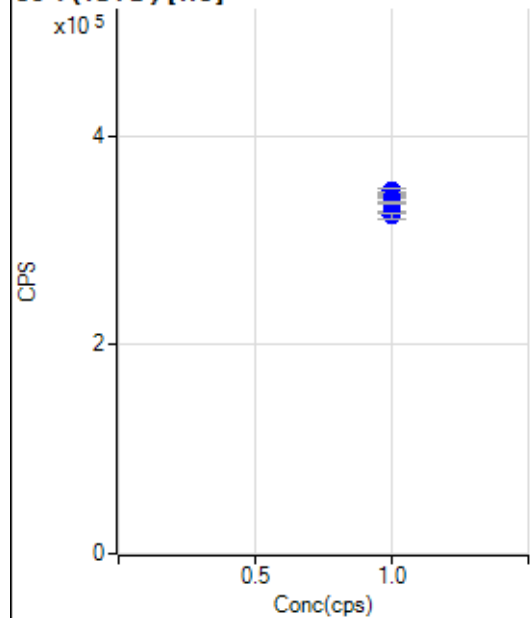
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6160069.63		A	2.2
2	☐	1.000					
3	☐	1.000		6081619.15		A	7.3
4	☐	1.000		6377367.25		A	0.8
5	☐	1.000		6295298.75		A	1.8
6	☐	1.000		6294583.26		A	1.6
7	☐	1.000		6323523.06		A	1.8
8	☐	1.000		6051895.27		A	5.5
9	☐	1.000		6138705.87		A	5.1

45 Sc (ISTD) [He]

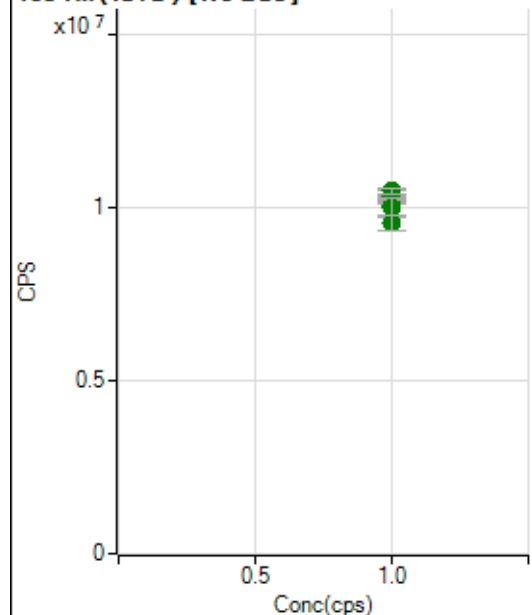
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		51126.16		P	1.7
2	☐	1.000					
3	☐	1.000		51175.18		P	1.2
4	☐	1.000		49521.57		P	1.2
5	☐	1.000		49122.38		P	1.4
6	☐	1.000		48010.82		P	1.3
7	☐	1.000		46153.56		P	1.5
8	☐	1.000		45845.71		P	2.7
9	☐	1.000		47839.11		P	0.1

89 Y (ISTD) [No Gas]

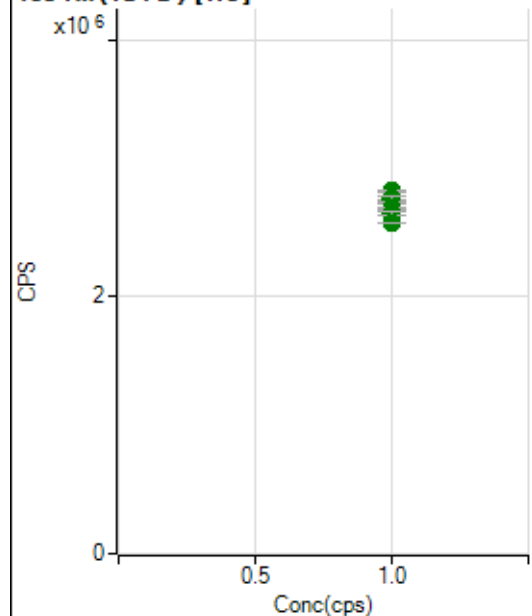
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11048989.97		A	0.6
2	☐	1.000					
3	☐	1.000		10969001.02		A	6.5
4	☐	1.000		11487253.86		A	0.1
5	☐	1.000		11370698.16		A	0.4
6	☐	1.000		11505999.69		A	1.4
7	☐	1.000		11742709.27		A	0.9
8	☐	1.000		11419923.02		A	5.7
9	☐	1.000		11310416.22		A	4.6

89 Y (ISTD) [He]

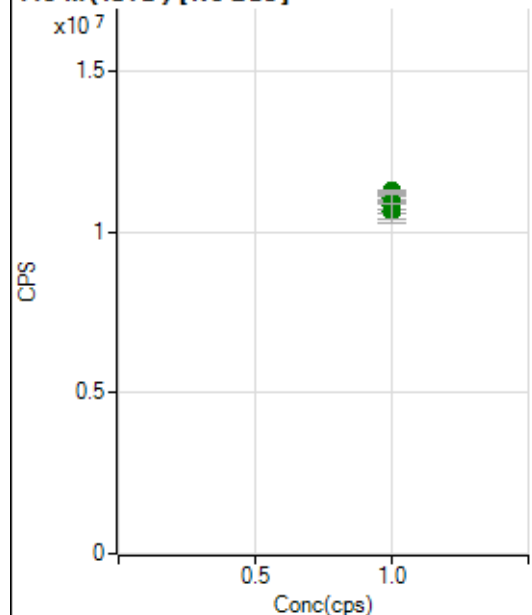
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		342818.91		P	0.5
2	☐	1.000					
3	☐	1.000		347445.65		P	1.1
4	☐	1.000		340379.16		P	0.2
5	☐	1.000		336586.69		P	0.2
6	☐	1.000		336182.32		P	0.9
7	☐	1.000		327387.51		P	0.7
8	☐	1.000		323426.12		P	1.7
9	☐	1.000		336199.56		P	0.5

103 Rh (ISTD) [No Gas]

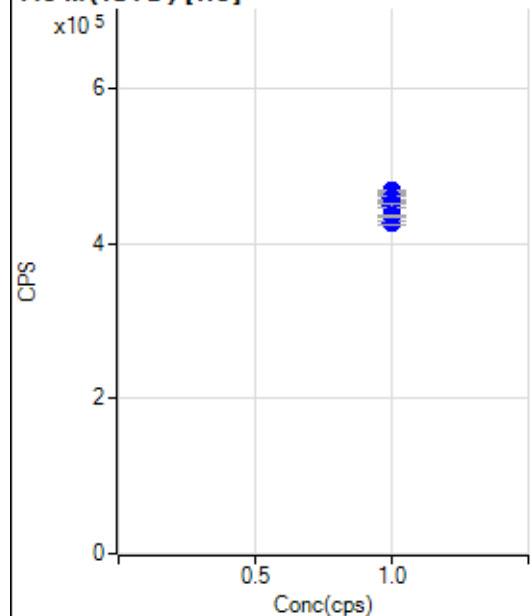
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10134799.27		A	0.8
2	☐	1.000					
3	☐	1.000		10064046.49		A	5.6
4	☐	1.000		10386881.83		A	0.3
5	☐	1.000		10297888.16		A	1.1
6	☐	1.000		10355304.23		A	2.5
7	☐	1.000		10472391.47		A	1.4
8	☐	1.000		10004194.49		A	5.5
9	☐	1.000		9570524.26		A	4.6

103 Rh (ISTD) [He]

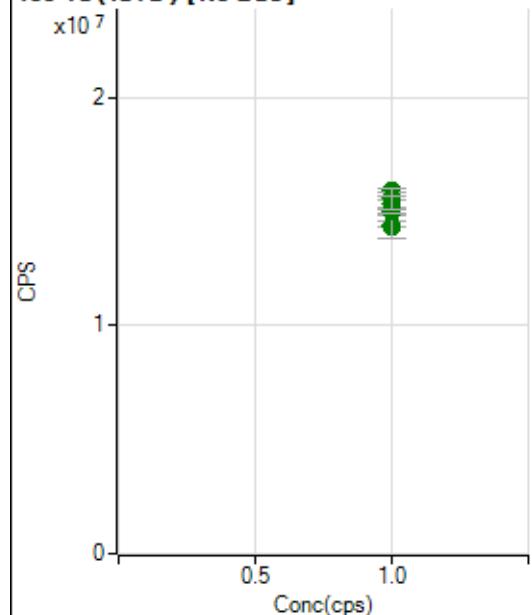
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2737863.57		A	1.0
2	☐	1.000					
3	☐	1.000		2824278.47		A	0.3
4	☐	1.000		2775240.03		A	1.1
5	☐	1.000		2747766.35		A	0.6
6	☐	1.000		2756791.94		A	1.6
7	☐	1.000		2690719.54		A	0.7
8	☐	1.000		2652943.21		A	1.0
9	☐	1.000		2572520.74		A	0.2

115 In (ISTD) [No Gas]

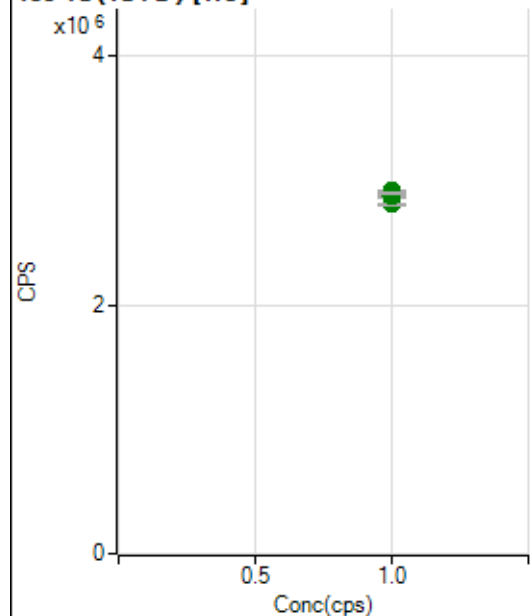
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10823759.19		A	1.6
2	☐	1.000					
3	☐	1.000		10642377.15		A	7.0
4	☐	1.000		11117331.48		A	0.1
5	☐	1.000		10965690.84		A	1.3
6	☐	1.000		11052834.89		A	1.9
7	☐	1.000		11295777.35		A	0.4
8	☐	1.000		10887947.94		A	5.2
9	☐	1.000		10652895.53		A	4.3

115 In (ISTD) [He]

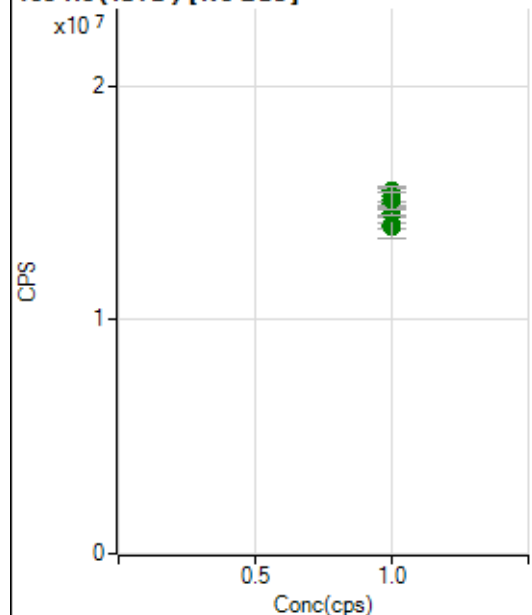
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		461594.74		P	0.6
2	☐	1.000					
3	☐	1.000		467455.63		P	0.7
4	☐	1.000		458755.65		P	1.0
5	☐	1.000		452133.46		P	0.3
6	☐	1.000		448587.18		P	1.2
7	☐	1.000		435057.04		P	0.7
8	☐	1.000		426319.76		P	1.3
9	☐	1.000		435235.81		P	0.2

159 Tb (ISTD) [No Gas]

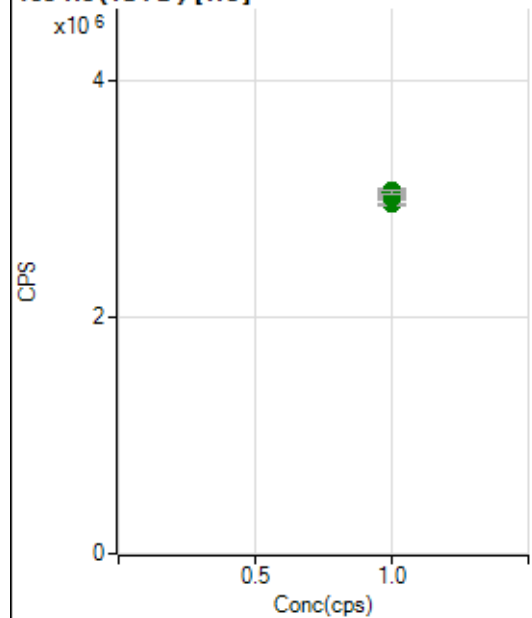
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14441618.67		A	1.5
2	☐	1.000					
3	☐	1.000		14335250.90		A	6.7
4	☐	1.000		15105404.50		A	0.5
5	☐	1.000		15017901.16		A	1.4
6	☐	1.000		15326001.16		A	2.2
7	☐	1.000		15904248.10		A	1.0
8	☐	1.000		15564106.43		A	5.8
9	☐	1.000		15376256.02		A	4.3

159 Tb (ISTD) [He]

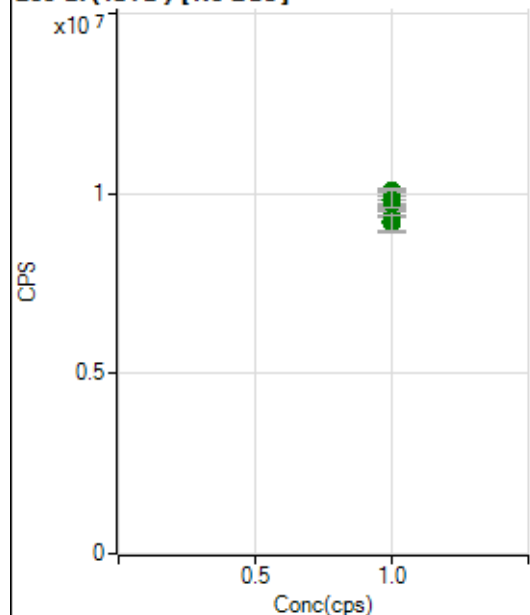
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2803920.44		A	0.6
2	☐	1.000					
3	☐	1.000		2893724.89		A	1.3
4	☐	1.000		2877498.67		A	0.7
5	☐	1.000		2871226.59		A	0.2
6	☐	1.000		2913983.46		A	0.8
7	☐	1.000		2866195.58		A	0.7
8	☐	1.000		2875691.27		A	1.5
9	☐	1.000		2893590.79		A	0.5

165 Ho (ISTD) [No Gas]

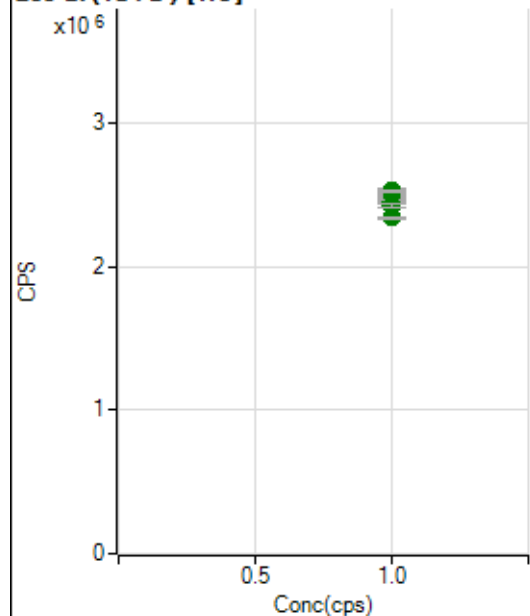
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14035658.99		A	1.8
2	☐	1.000					
3	☐	1.000		13962133.12		A	6.3
4	☐	1.000		14755519.77		A	0.3
5	☐	1.000		14605535.57		A	1.2
6	☐	1.000		14955318.56		A	1.7
7	☐	1.000		15524490.80		A	0.9
8	☐	1.000		15275722.04		A	5.5
9	☐	1.000		15114913.88		A	4.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2956282.98		A	0.5
2	☐	1.000					
3	☐	1.000		3051238.39		A	0.5
4	☐	1.000		3030303.57		A	0.7
5	☐	1.000		3009482.21		A	0.6
6	☐	1.000		3069183.60		A	1.3
7	☐	1.000		3018519.02		A	0.5
8	☐	1.000		3031989.30		A	0.8
9	☐	1.000		3056250.06		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9421475.83		A	1.9
2	☐	1.000					
3	☐	1.000		9252452.85		A	7.1
4	☐	1.000		9718403.81		A	0.5
5	☐	1.000		9713653.75		A	2.1
6	☐	1.000		9831713.39		A	2.0
7	☐	1.000		10083028.53		A	1.1
8	☐	1.000		9859665.27		A	4.8
9	☐	1.000		9197037.78		A	4.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2466640.09		A	1.4
2	☐	1.000					
3	☐	1.000		2524399.79		A	1.5
4	☐	1.000		2484088.85		A	0.5
5	☐	1.000		2481917.12		A	0.5
6	☐	1.000		2516961.89		A	0.6
7	☐	1.000		2452694.82		A	1.0
8	☐	1.000		2422951.49		A	1.1
9	☐	1.000		2338512.72		A	0.5

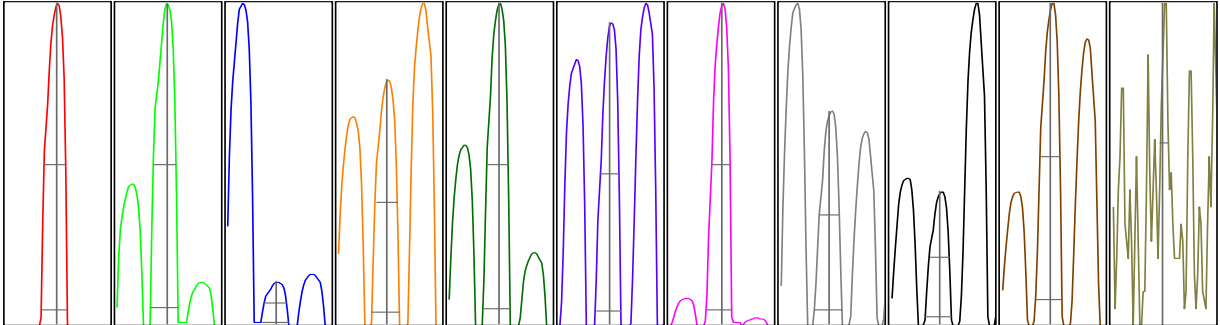
US EPA Tune Check Sample Report

Batch Folder D:\P8072818- MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]					
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)	
9	5949	2.14	5.00		
24	106998	1.37	5.00		
25	14572	1.74	5.00		
26	16986	1.38	5.00		
59	69554	1.91	5.00		
113	9910	1.64	5.00		
115	124196	2.39	5.00		
206	31559	2.00	5.00		
207	28616	2.00	5.00		
208	68055	1.69	5.00		
220	1	17.67			

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5957	5779	6096	6040	5872
24	107800	104416	108004	107476	107297
25	14625	14151	14773	14548	14765
26	17021	16604	17167	16954	17185
59	69042	68782	70983	68039	70923
113	10004	9883	10003	9636	10022
115	128711	125326	123594	121212	122138
206	30841	31625	31032	31915	32380
207	28149	28506	28067	28911	29447
208	67403	67735	66689	68968	69482
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	10406	9.00	8.9 - 9.1		0.740	0.900	
24	177649	24.00	23.9 - 24.1		0.785	0.900	
25	24362	24.95	24.9 - 25.1		0.786	0.900	
26	28593	25.95	25.9 - 26.1		0.784	0.900	
59	121566	59.00	58.9 - 59.1		0.776	0.900	
113	18720	113.00	112.9 - 113.1		0.728	0.900	
115	233927	115.05	114.9 - 115.1		0.726	0.900	
206	57031	205.95	205.9 - 206.1		0.785	0.900	
207	51783	206.95	206.9 - 207.1		0.740	0.900	
208	124793	207.95	207.9 - 208.1		0.750	0.900	
220	1	220.00	-				

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
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.3	V	Deflect	14.2	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	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	8775	1.18	
89	8693	1.22	
205	13453	1.17	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8625	8849	8867	8824	8711
89	8551	8724	8813	8758	8620
205	13376	13571	13584	13523	13213

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.3	V	Deflect	2.0	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	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	5.0	mL/min	OctP RF	200	V			

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:10:10	DataFile Name :	003CALB_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.49	-0.89	0.39	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.04	0.00	-0.04	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.15	0.23	-0.38	0.00	N/A	ppb
Boron	11-1	-0.03	0.04	0.00	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.08	-0.06	0.00	N/A	ppb
Cadmium	106-1	-0.25	1.02	-0.78	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.06	-0.01	0.00	N/A	ppb
Calcium	43-1	-0.75	1.08	-0.33	0.00	N/A	ppb
Calcium	44-1	-0.88	0.79	0.09	0.00	N/A	ppb
Chromium	52-2	0.07	-0.08	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.03	0.00	-0.02	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	0.32	-0.07	-0.25	0.00	N/A	ppb
Iron	57-2	0.93	0.36	-1.29	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	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	0.46	-2.60	2.14	0.00	N/A	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:10:10	DataFile Name :	003CALB_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.02	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Phosphorus	31-2	37.60	-7.52	-7.52	7.52	346.41	ppb
Potassium	39-2	0.61	2.23	-2.84	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-1.97	-1.97	3.93	0.00	N/A	ppb
Selenium	78-2	1.58	-0.31	-1.27	0.00	N/A	ppb
Selenium	82-1	-0.25	0.02	0.23	0.00	N/A	ppb
Silicon	28-1	-1.40	-0.90	2.30	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	4.45	-0.48	-3.97	0.00	N/A	ppb
Strontium	86-1	-0.02	0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-550.14	-205.02	162.47	-197.56		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	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.02	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	-0.01	0.00	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.08	-0.07	-0.01	0.00	N/A	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:10:10	DataFile Name :	003CALB_P8072818- M8

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

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:17:52	DataFile Name :	005CALS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.58	18.37	19.86	20.27	10.53	ppb
Antimony	121-1	1.94	1.99	2.18	2.04	6.24	ppb
Arsenic	75-2	0.94	0.86	0.88	0.89	4.83	ppb
Barium	135-1	9.33	9.72	11.34	10.13	10.51	ppb
Barium	137-1	9.48	10.01	11.08	10.19	8.02	ppb
Beryllium	9-1	1.06	1.10	1.14	1.10	3.59	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	24.51	23.87	27.95	25.45	8.62	ppb
Boron	11-1	22.29	24.78	28.37	25.15	12.16	ppb
Cadmium	111-1	0.93	1.14	1.04	1.04	10.23	ppb
Cadmium	106-1	1.33	1.68	0.72	1.24	39.28	ppb
Cadmium	108-1	0.70	0.60	1.27	0.85	42.31	ppb
Calcium	43-1	465.54	470.51	520.84	485.63	6.30	ppb
Calcium	44-1	445.50	481.94	521.01	482.82	7.82	ppb
Chromium	52-2	2.09	1.98	1.91	1.99	4.61	ppb
Cobalt	59-2	1.03	0.98	1.01	1.01	2.31	ppb
Copper	63-2	2.00	1.88	1.99	1.96	3.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	50.19	49.77	52.12	50.69	2.46	ppb
Iron	57-2	48.41	57.23	49.27	51.64	9.41	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.98	1.02	0.98	3.04	ppb
Lead	207-1	0.97	0.97	1.08	1.01	6.05	ppb
Lead	208-1	0.93	0.99	1.05	0.99	6.08	ppb
Lithium	6-1				100		%
Magnesium	24-2	470.04	468.66	471.43	470.04	0.30	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:17:52	DataFile Name :	005CAL5_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.97	1.14	1.12	1.08	8.83	ppb
Molybdenum	94-1	4.86	4.91	5.48	5.08	6.81	ppb
Molybdenum	95-1	4.68	5.14	5.11	4.97	5.17	ppb
Molybdenum	96-1	4.73	4.86	5.30	4.96	6.08	ppb
Molybdenum	97-1	4.68	4.95	5.41	5.02	7.36	ppb
Molybdenum	98-1	4.54	4.92	5.43	4.96	8.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.92	1.05	0.96	7.56	ppb
Phosphorus	31-2	-7.52	-7.52	-7.52	-7.52		ppb
Potassium	39-2	499.47	502.18	528.41	510.02	3.13	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	9.64	3.84	3.94	5.81	57.12	ppb
Selenium	78-2	5.25	4.33	1.58	3.72	51.26	ppb
Selenium	82-1	5.74	6.13	6.06	5.98	3.42	ppb
Silicon	28-1	11.12	15.57	27.00	17.90	45.76	ppb
Silver	109-1	0.98	1.08	1.13	1.06	7.32	ppb
Silver	107-1	1.03	1.00	1.22	1.08	11.28	ppb
Sodium	23-2	477.48	489.74	498.72	488.65	2.18	ppb
Strontium	86-1	1.05	1.05	1.03	1.04	1.46	ppb
Strontium	88-1	0.98	1.04	1.09	1.04	5.14	ppb
Sulfur	34-1	-736.40	-37.39	1366.48	197.56	542.08	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.94	0.93	1.08	0.98	8.93	ppb
Thallium	205-1	0.95	1.00	1.08	1.01	6.55	ppb
Tin	118-1	4.87	4.98	5.57	5.14	7.34	ppb
Titanium	47-1	4.87	5.01	5.75	5.21	9.04	ppb
Uranium	238-1	0.90	0.94	1.02	0.95	6.11	ppb
Vanadium	51-2	4.68	4.78	5.08	4.85	4.34	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	2.06	2.44	2.01	2.17	10.71	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:17:52	DataFile Name :	005CALS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.86	0.94	1.06	0.95	10.48	ppb
Zirconium	91-1	0.82	0.95	1.03	0.93	11.56	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:21:34	DataFile Name :	006CAL5_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1030.39	1029.29	1005.02	1021.57	1.40	ppb
Antimony	121-1	49.31	49.64	49.75	49.57	0.46	ppb
Arsenic	75-2	52.77	51.05	50.32	51.38	2.45	ppb
Barium	135-1	251.35	248.06	249.20	249.54	0.67	ppb
Barium	137-1	251.88	253.38	254.84	253.37	0.58	ppb
Beryllium	9-1	52.55	52.20	53.29	52.68	1.06	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	45.86	52.67	53.84	50.79	8.48	ppb
Boron	11-1	48.78	51.48	51.83	50.70	3.29	ppb
Cadmium	111-1	51.43	51.64	51.41	51.49	0.25	ppb
Cadmium	106-1	47.72	53.75	54.30	51.92	7.03	ppb
Cadmium	108-1	50.99	50.08	52.27	51.11	2.16	ppb
Calcium	43-1	4784.41	4876.09	4830.57	4830.36	0.95	ppb
Calcium	44-1	4888.75	4941.15	4799.50	4876.47	1.47	ppb
Chromium	52-2	52.02	50.42	51.10	51.18	1.56	ppb
Cobalt	59-2	51.98	50.53	51.05	51.19	1.43	ppb
Copper	63-2	102.21	100.83	102.45	101.83	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	2636.77	2551.31	2622.12	2603.40	1.76	ppb
Iron	57-2	2603.08	2523.15	2669.22	2598.48	2.81	ppb
Krypton	83-1						cps
Lead	206-1	49.25	49.55	49.73	49.51	0.49	ppb
Lead	207-1	48.54	48.88	48.48	48.63	0.45	ppb
Lead	208-1	48.67	48.94	48.93	48.85	0.32	ppb
Lithium	6-1				105		%
Magnesium	24-2	5270.69	5158.24	5312.19	5247.04	1.52	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:21:34	DataFile Name :	006CAL5_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.65	99.51	101.76	101.64	2.04	ppb
Molybdenum	94-1	250.15	247.50	247.74	248.46	0.59	ppb
Molybdenum	95-1	248.57	247.45	247.87	247.97	0.23	ppb
Molybdenum	96-1	247.22	248.38	249.09	248.23	0.38	ppb
Molybdenum	97-1	247.32	245.82	246.31	246.49	0.31	ppb
Molybdenum	98-1	245.98	245.58	247.67	246.41	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.66	51.21	51.36	51.41	0.44	ppb
Phosphorus	31-2	1030.54	1164.61	1047.59	1080.91	6.75	ppb
Potassium	39-2	2662.93	2538.90	2524.10	2575.31	2.96	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	39.88	87.40	87.40	71.56	38.34	ppb
Selenium	78-2	69.77	62.82	49.43	60.68	17.04	ppb
Selenium	82-1	49.72	52.75	51.25	51.24	2.95	ppb
Silicon	28-1	55.99	58.43	57.45	57.29	2.14	ppb
Silver	109-1	52.43	51.90	52.43	52.25	0.59	ppb
Silver	107-1	52.12	52.14	52.03	52.10	0.11	ppb
Sodium	23-2	5221.65	5038.64	5122.14	5127.47	1.79	ppb
Strontium	86-1	49.10	48.67	49.62	49.13	0.97	ppb
Strontium	88-1	49.32	50.35	50.15	49.94	1.09	ppb
Sulfur	34-1	564.90	813.72	522.10	633.57	24.85	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	47.87	49.25	48.86	48.66	1.46	ppb
Thallium	205-1	48.70	49.55	49.66	49.30	1.07	ppb
Tin	118-1	50.70	50.28	50.31	50.43	0.47	ppb
Titanium	47-1	247.03	247.44	244.76	246.41	0.59	ppb
Uranium	238-1	47.82	48.28	47.77	47.96	0.58	ppb
Vanadium	51-2	51.55	49.97	50.93	50.82	1.56	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	103.65	100.95	104.23	102.95	1.70	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:21:34	DataFile Name :	006CALS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	47.55	48.98	48.86	48.47	1.63	ppb
Zirconium	91-1	48.87	47.41	48.87	48.38	1.74	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:25:18	DataFile Name :	007CAL5_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2439.95	2422.37	2420.11	2427.47	0.45	ppb
Antimony	121-1	128.51	125.49	124.85	126.28	1.55	ppb
Arsenic	75-2	127.05	126.82	127.57	127.15	0.30	ppb
Barium	135-1	636.40	625.70	618.41	626.84	1.44	ppb
Barium	137-1	656.18	642.99	628.87	642.68	2.13	ppb
Beryllium	9-1	131.71	129.13	131.40	130.75	1.08	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	122.74	121.83	121.89	122.15	0.42	ppb
Boron	11-1	123.58	122.01	126.79	124.13	1.96	ppb
Cadmium	111-1	130.42	126.73	127.51	128.22	1.52	ppb
Cadmium	106-1	132.45	123.82	129.41	128.56	3.41	ppb
Cadmium	108-1	134.29	127.23	129.26	130.26	2.79	ppb
Calcium	43-1	12472.29	11916.48	11896.14	12094.97	2.70	ppb
Calcium	44-1	12368.56	11951.07	11867.55	12062.39	2.23	ppb
Chromium	52-2	125.39	127.11	123.59	125.36	1.40	ppb
Cobalt	59-2	124.97	126.20	123.12	124.76	1.24	ppb
Copper	63-2	250.61	253.66	246.85	250.37	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				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	6505.21	6655.62	6379.64	6513.49	2.12	ppb
Iron	57-2	6378.46	6535.75	6229.22	6381.14	2.40	ppb
Krypton	83-1						cps
Lead	206-1	125.40	121.47	119.51	122.13	2.46	ppb
Lead	207-1	124.60	120.62	120.07	121.76	2.03	ppb
Lead	208-1	125.08	121.39	119.71	122.06	2.25	ppb
Lithium	6-1				104		%
Magnesium	24-2	12595.81	12869.63	12403.88	12623.11	1.85	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:25:18	DataFile Name :	007CAL5_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	253.09	252.32	245.71	250.37	1.62	ppb
Molybdenum	94-1	642.85	631.47	618.14	630.82	1.96	ppb
Molybdenum	95-1	647.63	631.24	613.39	630.75	2.72	ppb
Molybdenum	96-1	642.97	633.67	622.71	633.12	1.60	ppb
Molybdenum	97-1	623.00	618.04	610.76	617.27	1.00	ppb
Molybdenum	98-1	629.68	629.83	620.73	626.75	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.99	127.69	124.48	125.72	1.38	ppb
Phosphorus	31-2	2603.87	2183.18	2443.12	2410.06	8.81	ppb
Potassium	39-2	6185.29	6289.18	6166.71	6213.73	1.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	142.56	161.35	106.50	136.80	20.38	ppb
Selenium	78-2	136.03	124.98	134.18	131.73	4.49	ppb
Selenium	82-1	125.82	126.61	125.79	126.07	0.37	ppb
Silicon	28-1	155.04	149.25	148.21	150.83	2.44	ppb
Silver	109-1	134.48	130.55	128.32	131.12	2.38	ppb
Silver	107-1	131.65	128.38	129.42	129.82	1.29	ppb
Sodium	23-2	12661.58	12737.10	12425.99	12608.22	1.29	ppb
Strontium	86-1	125.08	123.92	123.98	124.33	0.53	ppb
Strontium	88-1	129.05	127.35	125.43	127.28	1.42	ppb
Sulfur	34-1	2711.19	1987.19	1953.77	2217.39	19.30	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	125.27	120.81	119.14	121.74	2.60	ppb
Thallium	205-1	128.23	123.86	121.41	124.50	2.78	ppb
Tin	118-1	128.68	125.77	123.98	126.14	1.88	ppb
Titanium	47-1	626.43	607.72	606.38	613.51	1.83	ppb
Uranium	238-1	125.83	123.03	121.60	123.48	1.74	ppb
Vanadium	51-2	125.67	125.81	122.11	124.53	1.68	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	245.34	250.34	246.02	247.23	1.10	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:25:18	DataFile Name :	007CALS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	129.45	123.93	121.88	125.09	3.13	ppb
Zirconium	91-1	124.61	122.20	121.00	122.60	1.50	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:28:53	DataFile Name :	008CAL5_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5098.97	4870.58	5012.32	4993.96	2.31	ppb
Antimony	121-1	249.49	261.48	252.41	254.46	2.46	ppb
Arsenic	75-2	255.24	251.39	257.55	254.73	1.22	ppb
Barium	135-1	1256.71	1308.97	1263.95	1276.54	2.22	ppb
Barium	137-1	1242.31	1314.74	1267.29	1274.78	2.89	ppb
Beryllium	9-1	257.82	265.01	259.92	260.92	1.42	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	239.30	256.39	253.57	249.75	3.67	ppb
Boron	11-1	243.02	259.33	255.71	252.69	3.39	ppb
Cadmium	111-1	251.88	260.40	254.02	255.43	1.73	ppb
Cadmium	106-1	252.95	259.38	253.54	255.29	1.39	ppb
Cadmium	108-1	256.06	267.42	257.23	260.24	2.40	ppb
Calcium	43-1	24044.62	25009.19	23789.19	24281.00	2.65	ppb
Calcium	44-1	23991.03	24781.99	23620.19	24131.07	2.46	ppb
Chromium	52-2	253.95	250.58	256.75	253.76	1.22	ppb
Cobalt	59-2	256.49	250.13	255.08	253.90	1.32	ppb
Copper	63-2	511.74	498.88	511.30	507.31	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	13182.31	12814.62	13110.75	13035.90	1.50	ppb
Iron	57-2	12827.21	12630.22	12958.67	12805.37	1.29	ppb
Krypton	83-1						cps
Lead	206-1	245.48	253.43	244.72	247.87	1.95	ppb
Lead	207-1	244.40	251.27	242.81	246.16	1.83	ppb
Lead	208-1	248.47	255.26	246.93	250.22	1.77	ppb
Lithium	6-1				104		%
Magnesium	24-2	26049.46	25249.19	25567.36	25622.00	1.57	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:28:53	DataFile Name :	008CAL5_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	512.00	497.73	512.45	507.39	1.65	ppb
Molybdenum	94-1	1256.35	1292.23	1241.60	1263.39	2.06	ppb
Molybdenum	95-1	1241.65	1281.42	1257.17	1260.08	1.59	ppb
Molybdenum	96-1	1249.65	1277.72	1229.27	1252.21	1.94	ppb
Molybdenum	97-1	1257.99	1312.90	1239.85	1270.25	2.99	ppb
Molybdenum	98-1	1228.65	1276.35	1243.59	1249.53	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.57	250.51	259.05	256.38	1.99	ppb
Phosphorus	31-2	4896.64	4520.36	5346.72	4921.24	8.41	ppb
Potassium	39-2	12587.66	12338.72	12488.72	12471.70	1.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	77-2	238.63	286.27	229.82	251.57	12.07	ppb
Selenium	78-2	257.54	264.84	244.54	255.64	4.02	ppb
Selenium	82-1	251.75	261.50	256.40	256.55	1.90	ppb
Silicon	28-1	267.96	280.43	267.74	272.04	2.67	ppb
Silver	109-1	258.92	270.39	257.42	262.24	2.71	ppb
Silver	107-1	255.97	268.73	254.85	259.85	2.97	ppb
Sodium	23-2	26280.82	25196.49	25985.11	25820.81	2.17	ppb
Strontium	86-1	246.07	252.01	245.86	247.98	1.41	ppb
Strontium	88-1	251.94	257.75	246.90	252.20	2.15	ppb
Sulfur	34-1	4567.70	4920.66	4310.85	4599.74	6.66	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	248.71	258.99	246.29	251.33	2.68	ppb
Thallium	205-1	247.36	255.32	244.54	249.07	2.25	ppb
Tin	118-1	248.11	260.22	253.58	253.97	2.39	ppb
Titanium	47-1	1229.59	1270.68	1227.23	1242.50	1.97	ppb
Uranium	238-1	241.52	252.06	243.55	245.71	2.28	ppb
Vanadium	51-2	255.63	249.90	255.15	253.56	1.25	ppb
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	509.12	505.35	513.00	509.16	0.75	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:28:53	DataFile Name :	008CALS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	251.51	262.29	250.80	254.86	2.53	ppb
Zirconium	91-1	244.15	253.25	243.77	247.06	2.17	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:32:23	DataFile Name :	009CAL5_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9856.00	9984.17	9934.20	9924.79	0.65	ppb
Antimony	121-1	488.93	502.24	487.92	493.03	1.62	ppb
Arsenic	75-2	504.15	496.69	505.09	501.98	0.92	ppb
Barium	135-1	2442.72	2500.66	2428.12	2457.16	1.56	ppb
Barium	137-1	2437.86	2497.88	2414.20	2449.98	1.76	ppb
Beryllium	9-1	495.79	506.31	488.60	496.90	1.79	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	472.08	512.66	482.24	489.00	4.32	ppb
Boron	11-1	475.07	502.35	487.92	488.45	2.79	ppb
Cadmium	111-1	488.31	497.67	486.16	490.71	1.25	ppb
Cadmium	106-1	493.37	507.42	491.23	497.34	1.77	ppb
Cadmium	108-1	490.17	496.01	484.87	490.35	1.14	ppb
Calcium	43-1	47243.82	48646.45	46999.43	47629.90	1.87	ppb
Calcium	44-1	47004.39	48786.71	46846.11	47545.73	2.27	ppb
Chromium	52-2	502.79	506.69	509.03	506.17	0.62	ppb
Cobalt	59-2	503.03	506.97	508.59	506.20	0.57	ppb
Copper	63-2	1005.37	1010.38	1018.91	1011.55	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	25828.73	25957.96	26085.36	25957.35	0.49	ppb
Iron	57-2	25538.91	25552.20	25944.29	25678.47	0.90	ppb
Krypton	83-1						cps
Lead	206-1	494.54	503.99	485.77	494.77	1.84	ppb
Lead	207-1	492.60	501.22	491.53	495.12	1.07	ppb
Lead	208-1	492.98	499.33	490.46	494.26	0.92	ppb
Lithium	6-1				106		%
Magnesium	24-2	50271.29	51635.90	51805.72	51237.64	1.64	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:32:23	DataFile Name :	009CAL5_P8072818- M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.58	1011.37	1023.77	1016.57	0.63	ppb
Molybdenum	94-1	2422.93	2515.81	2400.64	2446.46	2.50	ppb
Molybdenum	95-1	2453.42	2471.91	2415.04	2446.79	1.19	ppb
Molybdenum	96-1	2455.64	2469.84	2416.56	2447.35	1.13	ppb
Molybdenum	97-1	2473.22	2504.09	2432.88	2470.06	1.45	ppb
Molybdenum	98-1	2437.22	2479.67	2450.55	2455.81	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.48	509.26	516.06	510.93	0.89	ppb
Phosphorus	31-2	9956.96	9489.22	10051.13	9832.44	3.06	ppb
Potassium	39-2	24485.57	24341.28	24575.65	24467.50	0.48	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				90		%
Selenium	77-2	585.34	534.79	573.43	564.52	4.68	ppb
Selenium	78-2	523.81	523.74	502.82	516.79	2.34	ppb
Selenium	82-1	492.32	502.73	489.17	494.74	1.43	ppb
Silicon	28-1	515.19	538.31	508.32	520.61	3.02	ppb
Silver	109-1	502.45	505.28	493.95	500.56	1.18	ppb
Silver	107-1	496.55	507.19	494.37	499.37	1.37	ppb
Sodium	23-2	50292.35	50977.95	51311.10	50860.47	1.02	ppb
Strontium	86-1	486.42	494.37	480.97	487.26	1.38	ppb
Strontium	88-1	490.34	498.33	479.68	489.45	1.91	ppb
Sulfur	34-1	9144.02	9688.86	8772.35	9201.74	5.01	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	495.67	500.03	487.14	494.28	1.33	ppb
Thallium	205-1	488.08	494.71	481.70	488.16	1.33	ppb
Tin	118-1	488.32	504.29	488.28	493.63	1.87	ppb
Titanium	47-1	2466.56	2544.74	2445.05	2485.45	2.11	ppb
Uranium	238-1	484.28	494.29	480.93	486.50	1.43	ppb
Vanadium	51-2	499.11	505.91	508.38	504.47	0.95	ppb
Yttrium	89-1				106		%
Yttrium	89-2				95		%
Zinc	66-2	1011.05	1014.49	1021.54	1015.69	0.53	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:32:23	DataFile Name :	009CALS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	492.12	495.55	487.44	491.70	0.83	ppb
Zirconium	91-1	483.05	489.88	475.49	482.81	1.49	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:35:50	DataFile Name :	010CAL5_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19789.17	19012.79	19493.94	19431.97	2.02	ppb
Antimony	121-1	971.02	957.80	1077.88	1002.23	6.57	ppb
Arsenic	75-2	1005.30	975.67	1011.51	997.49	1.92	ppb
Barium	135-1	4865.26	4785.85	5392.61	5014.57	6.58	ppb
Barium	137-1	4842.93	4826.89	5379.48	5016.44	6.27	ppb
Beryllium	9-1	963.74	977.53	1052.64	997.97	4.79	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	958.80	992.30	1066.51	1005.87	5.48	ppb
Boron	11-1	952.03	983.42	1080.07	1005.17	6.64	ppb
Cadmium	111-1	981.03	951.74	1075.67	1002.81	6.46	ppb
Cadmium	106-1	967.73	957.35	1073.32	999.47	6.42	ppb
Cadmium	108-1	961.60	961.64	1081.42	1001.55	6.91	ppb
Calcium	43-1	94799.95	96622.35	106028.97	99150.42	6.08	ppb
Calcium	44-1	94395.60	93909.95	103468.28	97257.94	5.54	ppb
Chromium	52-2	1012.04	970.40	1005.18	995.87	2.24	ppb
Cobalt	59-2	1014.00	970.85	1002.83	995.90	2.25	ppb
Copper	63-2	2043.19	1922.25	2011.33	1992.26	3.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	56-2	51841.53	49675.61	50783.03	50766.72	2.13	ppb
Iron	57-2	51299.19	48815.16	50787.61	50300.65	2.61	ppb
Krypton	83-1						cps
Lead	206-1	977.29	965.70	1067.61	1003.53	5.56	ppb
Lead	207-1	966.02	979.33	1066.27	1003.87	5.42	ppb
Lead	208-1	975.34	966.14	1068.24	1003.24	5.63	ppb
Lithium	6-1				103		%
Magnesium	24-2	102434.33	96229.35	100300.48	99654.72	3.16	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:35:50	DataFile Name :	010CAL5_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2031.23	1937.07	2000.90	1989.74	2.42	ppb
Molybdenum	94-1	4933.54	4798.64	5336.13	5022.77	5.57	ppb
Molybdenum	95-1	4913.78	4778.97	5377.65	5023.47	6.25	ppb
Molybdenum	96-1	4901.83	4772.48	5400.23	5024.85	6.60	ppb
Molybdenum	97-1	4901.13	4801.18	5330.84	5011.05	5.62	ppb
Molybdenum	98-1	4897.12	4793.36	5376.04	5022.17	6.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1010.78	962.65	1004.90	992.78	2.64	ppb
Phosphorus	31-2	19388.34	19723.29	21220.37	20110.67	4.85	ppb
Potassium	39-2	48715.49	46935.80	48114.31	47921.87	1.89	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	77-2	908.20	977.23	1008.94	964.79	5.34	ppb
Selenium	78-2	978.05	996.44	991.99	988.83	0.97	ppb
Selenium	82-1	977.73	958.43	1066.22	1000.79	5.74	ppb
Silicon	28-1	950.26	939.76	1051.51	980.51	6.29	ppb
Silver	109-1	970.91	947.44	1068.99	995.78	6.48	ppb
Silver	107-1	973.40	951.66	1066.37	997.15	6.11	ppb
Sodium	23-2	101046.71	95837.99	98895.37	98593.36	2.65	ppb
Strontium	86-1	989.28	961.33	1070.40	1007.00	5.63	ppb
Strontium	88-1	981.42	966.09	1065.81	1004.44	5.35	ppb
Sulfur	34-1	19426.35	19373.52	22858.66	20552.84	9.72	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	975.35	963.79	1069.86	1003.00	5.80	ppb
Thallium	205-1	981.97	968.27	1068.50	1006.25	5.40	ppb
Tin	118-1	966.62	959.19	1080.27	1002.03	6.77	ppb
Titanium	47-1	4831.30	4824.26	5376.74	5010.77	6.33	ppb
Uranium	238-1	984.24	971.77	1068.33	1008.11	5.21	ppb
Vanadium	51-2	1016.04	970.08	1004.56	996.90	2.40	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%
Zinc	66-2	2027.21	1940.02	2002.96	1990.06	2.26	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:35:50	DataFile Name :	010CALS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	981.55	959.39	1068.05	1003.00	5.72	ppb
Zirconium	91-1	996.08	962.98	1070.07	1009.71	5.43	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:39:13	DataFile Name :	011CALS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98728.88	100358.15	101282.05	100123.03	1.29	ppb
Antimony	121-1	3.38	2.81	2.75	2.98	11.76	ppb
Arsenic	75-2	1.73	1.54	1.78	1.68	7.33	ppb
Barium	135-1	1.10	0.93	0.88	0.97	11.50	ppb
Barium	137-1	0.95	0.91	0.89	0.92	3.31	ppb
Beryllium	9-1	0.60	0.51	0.44	0.52	14.57	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	51.02	44.51	39.66	45.06	12.65	ppb
Boron	11-1	49.97	41.51	38.44	43.31	13.78	ppb
Cadmium	111-1	0.36	0.32	0.12	0.27	46.97	ppb
Cadmium	106-1	0.54	1.28	-1.21	0.20	630.30	ppb
Cadmium	108-1	0.42	0.32	0.30	0.35	19.87	ppb
Calcium	43-1	529163.86	477557.32	494642.96	500454.71	5.25	ppb
Calcium	44-1	530474.95	480530.65	491542.84	500849.48	5.24	ppb
Chromium	52-2	36.41	36.51	36.75	36.56	0.47	ppb
Cobalt	59-2	11.73	11.74	12.14	11.87	1.98	ppb
Copper	63-2	4.52	4.62	4.61	4.59	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	247138.14	249959.04	252052.33	249716.50	0.99	ppb
Iron	57-2	248021.30	250499.88	251036.29	249852.49	0.64	ppb
Krypton	83-1						cps
Lead	206-1	7.13	6.46	6.57	6.72	5.39	ppb
Lead	207-1	6.54	5.87	6.24	6.22	5.38	ppb
Lead	208-1	6.76	6.12	6.34	6.41	5.10	ppb
Lithium	6-1				104		%
Magnesium	24-2	495588.60	501569.51	502567.91	499908.67	0.76	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:39:13	DataFile Name :	011CAL5_P8072818- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.37	9.60	9.63	9.53	1.48	ppb
Molybdenum	94-1	7.47	6.31	6.25	6.68	10.31	ppb
Molybdenum	95-1	9.67	8.39	8.36	8.81	8.46	ppb
Molybdenum	96-1	9.71	8.81	8.64	9.06	6.36	ppb
Molybdenum	97-1	9.60	8.36	8.44	8.80	7.87	ppb
Molybdenum	98-1	9.35	8.47	8.35	8.73	6.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.13	31.20	31.75	31.36	1.08	ppb
Phosphorus	31-2	-7.52	16.13	16.15	8.25	165.54	ppb
Potassium	39-2	245539.55	251516.74	254354.98	250470.43	1.80	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	77-2	4.07	-1.97	-1.97	0.05	7384.56	ppb
Selenium	78-2	-0.30	-0.30	1.66	0.35	321.64	ppb
Selenium	82-1	1.64	0.95	1.46	1.35	26.54	ppb
Silicon	28-1	67.49	56.70	60.69	61.63	8.85	ppb
Silver	109-1	0.14	0.11	0.10	0.12	18.06	ppb
Silver	107-1	0.13	0.10	0.11	0.11	12.30	ppb
Sodium	23-2	495116.83	502407.04	502926.95	500150.27	0.87	ppb
Strontium	86-1	5.12	4.78	4.78	4.89	4.05	ppb
Strontium	88-1	5.31	4.85	5.01	5.06	4.65	ppb
Sulfur	34-1	-139.12	-1254.14	-834.21	-742.49		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.73	0.60	0.56	0.63	13.76	ppb
Thallium	205-1	0.74	0.61	0.57	0.64	14.40	ppb
Tin	118-1	2.85	2.47	2.46	2.59	8.60	ppb
Titanium	47-1	2.85	2.21	2.27	2.44	14.43	ppb
Uranium	238-1	0.10	0.06	0.06	0.08	30.19	ppb
Vanadium	51-2	0.34	0.35	0.43	0.37	12.49	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	14.41	14.05	13.81	14.09	2.17	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:39:13	DataFile Name :	011CALS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.22	0.23	0.24	13.85	ppb
Zirconium	91-1	0.27	0.28	0.25	0.27	6.82	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:49:22	DataFile Name :	012ICV01_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	557.93	506.82	540.46	535.07	4.86	ppb
Antimony	121-1	202.05	200.48	213.31	205.28	3.41	ppb
Arsenic	75-2	210.37	205.42	207.56	207.78	1.19	ppb
Barium	135-1	99.75	100.53	104.85	101.71	2.70	ppb
Barium	137-1	102.30	102.89	109.71	104.97	3.92	ppb
Beryllium	9-1	102.78	99.46	105.48	102.57	2.94	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	514.06	514.68	554.25	527.66	4.36	ppb
Boron	11-1	504.49	521.05	553.42	526.32	4.73	ppb
Cadmium	111-1	105.54	105.53	111.35	107.47	3.13	ppb
Cadmium	106-1	156.62	157.49	170.01	161.37	4.64	ppb
Cadmium	108-1	131.66	134.90	144.77	137.11	4.98	ppb
Calcium	43-1	2042.89	2093.15	2268.53	2134.86	5.55	ppb
Calcium	44-1	1983.65	2020.97	2148.30	2050.97	4.21	ppb
Chromium	52-2	99.25	98.42	101.39	99.69	1.53	ppb
Cobalt	59-2	103.00	101.90	104.30	103.07	1.17	ppb
Copper	63-2	103.64	103.67	104.78	104.03	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	1056.15	1046.81	1064.19	1055.71	0.82	ppb
Iron	57-2	1085.79	1053.00	1058.45	1065.74	1.65	ppb
Krypton	83-1						cps
Lead	206-1	196.48	199.95	212.32	202.92	4.10	ppb
Lead	207-1	189.54	190.46	204.08	194.69	4.18	ppb
Lead	208-1	197.46	199.04	212.35	202.95	4.03	ppb
Lithium	6-1				110		%
Magnesium	24-2	1260.05	1222.39	1275.17	1252.54	2.17	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:49:22	DataFile Name :	012ICV01_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.56	102.52	102.33	101.80	1.06	ppb
Molybdenum	94-1	1093.74	1091.22	1161.58	1115.51	3.58	ppb
Molybdenum	95-1	518.78	528.23	557.45	534.82	3.77	ppb
Molybdenum	96-1	588.65	591.17	624.02	601.28	3.28	ppb
Molybdenum	97-1	503.45	504.35	535.51	514.44	3.55	ppb
Molybdenum	98-1	509.27	513.87	541.05	521.40	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.14	104.63	105.54	104.77	0.67	ppb
Phosphorus	31-2	-7.52	60.82	-7.52	15.26	258.57	ppb
Potassium	39-2	2120.40	2076.87	2104.05	2100.44	1.05	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	270.16	224.05	266.79	253.67	10.13	ppb
Selenium	78-2	233.33	241.29	186.68	220.43	13.38	ppb
Selenium	82-1	206.77	210.02	216.42	211.07	2.33	ppb
Silicon	28-1	-7.77	-7.29	-1.01	-5.36		ppb
Silver	109-1	104.75	104.99	111.49	107.08	3.57	ppb
Silver	107-1	102.59	102.93	109.33	104.95	3.62	ppb
Sodium	23-2	2140.04	2112.04	2148.94	2133.68	0.90	ppb
Strontium	86-1	472.66	473.33	499.74	481.91	3.20	ppb
Strontium	88-1	477.85	476.85	507.70	487.47	3.60	ppb
Sulfur	34-1	-1149.48	-959.38	-282.14	-797.00		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	200.78	206.41	213.89	207.03	3.18	ppb
Thallium	205-1	205.34	207.12	218.30	210.26	3.34	ppb
Tin	118-1	494.36	490.00	512.06	498.80	2.34	ppb
Titanium	47-1	467.49	473.41	500.88	480.59	3.71	ppb
Uranium	238-1	466.08	461.12	489.01	472.07	3.15	ppb
Vanadium	51-2	101.62	100.62	102.05	101.43	0.72	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	200.78	206.97	211.73	206.49	2.66	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:49:22	DataFile Name :	012ICV01_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	480.62	475.72	502.33	486.22	2.91	ppb
Zirconium	91-1	468.40	467.05	494.49	476.65	3.24	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:26:19	DataFile Name :	015LLIC_P8072818- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.39	23.02	16.80	20.07	15.56	ppb
Antimony	121-1	1.88	1.79	1.77	1.81	3.10	ppb
Arsenic	75-2	0.71	0.82	1.01	0.85	18.18	ppb
Barium	135-1	8.88	8.83	8.70	8.80	1.06	ppb
Barium	137-1	8.96	9.11	9.01	9.03	0.85	ppb
Beryllium	9-1	0.77	0.90	0.83	0.83	7.71	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	23.68	25.63	28.56	25.95	9.47	ppb
Boron	11-1	25.17	25.07	26.24	25.49	2.53	ppb
Cadmium	111-1	0.88	0.94	0.92	0.92	3.14	ppb
Cadmium	106-1	1.38	1.49	0.41	1.09	54.18	ppb
Cadmium	108-1	1.11	0.99	0.86	0.99	12.83	ppb
Calcium	43-1	444.90	422.36	415.25	427.50	3.62	ppb
Calcium	44-1	409.29	416.80	415.89	413.99	0.99	ppb
Chromium	52-2	1.85	2.02	1.75	1.87	7.17	ppb
Cobalt	59-2	0.95	0.97	0.87	0.93	5.54	ppb
Copper	63-2	1.95	1.86	1.90	1.90	2.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	51.16	49.58	47.23	49.33	4.01	ppb
Iron	57-2	46.11	42.97	42.70	43.93	4.32	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.87	0.91	0.89	1.95	ppb
Lead	207-1	0.84	0.91	0.85	0.87	3.95	ppb
Lead	208-1	0.88	0.88	0.90	0.89	1.08	ppb
Lithium	6-1				111		%
Magnesium	24-2	480.13	475.93	465.54	473.87	1.58	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:26:19	DataFile Name :	015LLIC_P8072818- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.12	0.99	0.85	0.98	13.79	ppb
Molybdenum	94-1	4.64	4.86	4.79	4.76	2.37	ppb
Molybdenum	95-1	4.40	4.67	4.64	4.57	3.28	ppb
Molybdenum	96-1	4.41	4.54	4.54	4.50	1.69	ppb
Molybdenum	97-1	4.26	4.37	4.46	4.36	2.33	ppb
Molybdenum	98-1	4.48	4.34	4.65	4.49	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	1.07	0.93	0.97	8.40	ppb
Phosphorus	31-2	-7.52	-7.52	-7.52	-7.52		ppb
Potassium	39-2	523.40	472.64	486.79	494.28	5.30	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	77-2	10.27	10.27	9.98	10.17	1.66	ppb
Selenium	78-2	3.64	3.64	1.61	2.96	39.58	ppb
Selenium	82-1	4.13	4.85	5.61	4.86	15.21	ppb
Silicon	28-1	4.48	3.82	3.98	4.09	8.42	ppb
Silver	109-1	0.93	0.96	0.93	0.94	2.23	ppb
Silver	107-1	0.91	0.98	0.92	0.94	4.12	ppb
Sodium	23-2	508.22	502.37	505.17	505.25	0.58	ppb
Strontium	86-1	0.95	0.90	0.93	0.92	2.83	ppb
Strontium	88-1	0.93	0.88	0.95	0.92	3.60	ppb
Sulfur	34-1	-359.20	-334.28	-529.99	-407.82		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.91	0.88	0.90	0.90	1.76	ppb
Thallium	205-1	0.93	0.88	0.90	0.90	2.69	ppb
Tin	118-1	4.52	4.68	4.66	4.62	1.88	ppb
Titanium	47-1	4.25	4.58	4.20	4.34	4.74	ppb
Uranium	238-1	0.83	0.82	0.83	0.83	0.24	ppb
Vanadium	51-2	4.73	4.51	4.45	4.56	3.24	ppb
Yttrium	89-1				107		%
Yttrium	89-2				98		%
Zinc	66-2	2.17	2.20	2.54	2.30	8.88	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:26:19	DataFile Name :	015LLIC_P8072818- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.07	1.03	0.96	1.02	5.34	ppb
Zirconium	91-1	0.94	1.02	1.08	1.01	6.99	ppb

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 14:30:04 DataFile Name : 016CCBE_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.12	-1.17	-0.32		ppb
Antimony	121-1	0.04	0.03	0.04	0.04	12.91	ppb
Arsenic	75-2	-0.04	-0.09	-0.09	-0.07		ppb
Barium	135-1	-0.03	-0.03	-0.03	-0.03		ppb
Barium	137-1	-0.02	-0.01	-0.02	-0.02		ppb
Beryllium	9-1	0.04	0.03	-0.01	0.02	162.35	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	4.66	4.15	3.90	4.24	9.07	ppb
Boron	11-1	4.12	3.81	3.79	3.90	4.71	ppb
Cadmium	111-1	0.03	0.01	0.00	0.01	119.24	ppb
Cadmium	106-1	0.40	0.05	0.02	0.16	133.98	ppb
Cadmium	108-1	-0.09	-0.09	-0.09	-0.09		ppb
Calcium	43-1	-5.87	0.11	-8.93	-4.90		ppb
Calcium	44-1	-7.08	-5.62	-6.87	-6.53		ppb
Chromium	52-2	-0.09	0.00	-0.09	-0.06		ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	0.01	0.00	-0.05	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	56-2	0.32	0.55	0.15	0.34	58.03	ppb
Iron	57-2	-1.21	1.44	0.13	0.12	1109.60	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.02	-0.01		ppb
Lead	207-1	-0.02	0.00	0.00	-0.01		ppb
Lead	208-1	0.00	-0.01	-0.01	-0.01		ppb
Lithium	6-1				112		%
Magnesium	24-2	-0.94	-2.02	-3.50	-2.15		ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:30:04	DataFile Name :	016CCBE_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	-0.09	-0.09	-0.04		ppb
Molybdenum	94-1	0.04	0.00	0.02	0.02	126.94	ppb
Molybdenum	95-1	-0.01	-0.03	0.01	-0.01		ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	6.91	ppb
Molybdenum	97-1	-0.02	-0.02	-0.04	-0.03		ppb
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.18	-0.17	-0.14		ppb
Phosphorus	31-2	37.86	-7.52	38.36	22.90	115.05	ppb
Potassium	39-2	10.60	28.12	15.80	18.17	49.50	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	77-2	3.98	-1.97	-1.97	0.02	21704.45	ppb
Selenium	78-2	-1.27	-1.27	0.67	-0.62		ppb
Selenium	82-1	0.35	0.62	0.75	0.57	35.31	ppb
Silicon	28-1	-10.42	-12.31	-12.68	-11.80		ppb
Silver	109-1	0.00	0.00	0.00	0.00	28.93	ppb
Silver	107-1	0.00	0.00	0.00	0.00	107.99	ppb
Sodium	23-2	44.75	29.04	26.61	33.47	29.42	ppb
Strontium	86-1	-0.04	-0.02	-0.05	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	885.11	ppb
Sulfur	34-1	-232.58	-430.37	-728.72	-463.89		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.01	0.01	50.54	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	50.53	ppb
Tin	118-1	0.03	0.02	0.03	0.03	13.95	ppb
Titanium	47-1	0.02	-0.02	0.11	0.04	193.20	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	-0.11	0.11	0.20	0.07	229.03	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:30:04	DataFile Name :	016CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.02	0.02	9.02	ppb
Zirconium	91-1	0.03	0.04	0.01	0.03	52.42	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:33:26	DataFile Name :	017ICSA01_P8072818-1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93701.07	94290.85	92233.08	93408.33	1.13	ppb
Antimony	121-1	1.08	1.15	1.14	1.12	3.49	ppb
Arsenic	75-2	0.32	0.23	0.14	0.23	39.10	ppb
Barium	135-1	1.43	1.41	1.35	1.40	2.75	ppb
Barium	137-1	1.51	1.51	1.46	1.49	2.06	ppb
Beryllium	9-1	0.33	0.36	0.25	0.32	17.79	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	5.36	5.18	5.70	5.42	4.86	ppb
Boron	11-1	5.13	4.84	5.71	5.23	8.43	ppb
Cadmium	111-1	0.26	0.21	0.35	0.27	24.32	ppb
Cadmium	106-1	-1.20	-2.14	-0.04	-1.13		ppb
Cadmium	108-1	8.82	8.71	8.35	8.63	2.89	ppb
Calcium	43-1	96520.10	95978.31	96244.62	96247.68	0.28	ppb
Calcium	44-1	92797.87	93990.84	93431.46	93406.72	0.64	ppb
Chromium	52-2	19.60	20.05	19.86	19.84	1.14	ppb
Cobalt	59-2	1.09	1.24	1.20	1.18	6.48	ppb
Copper	63-2	7.92	8.05	7.94	7.97	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	56-2	103907.88	106044.94	103692.40	104548.41	1.24	ppb
Iron	57-2	102414.26	104551.68	101725.51	102897.15	1.43	ppb
Krypton	83-1						cps
Lead	206-1	4.72	4.76	4.68	4.72	0.82	ppb
Lead	207-1	4.10	4.17	4.16	4.14	0.89	ppb
Lead	208-1	4.39	4.37	4.33	4.36	0.70	ppb
Lithium	6-1				107		%
Magnesium	24-2	101258.98	103389.75	100726.18	101791.64	1.38	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:33:26	DataFile Name :	017ICSA01_P8072818-1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.66	7.86	7.68	7.73	1.42	ppb
Molybdenum	94-1	1366.47	1345.85	1344.59	1352.30	0.91	ppb
Molybdenum	95-1	1930.25	1952.93	1907.10	1930.09	1.19	ppb
Molybdenum	96-1	1867.06	1851.80	1838.44	1852.43	0.77	ppb
Molybdenum	97-1	1966.93	1936.72	1925.68	1943.11	1.10	ppb
Molybdenum	98-1	1939.60	1918.20	1900.26	1919.35	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.22	5.35	5.16	5.24	1.81	ppb
Phosphorus	31-2	100364.63	98720.70	103129.16	100738.17	2.21	ppb
Potassium	39-2	101194.26	101959.22	100215.04	101122.84	0.86	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				89		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	-0.26	-1.27	-0.27	-0.60		ppb
Selenium	82-1	0.87	0.48	0.94	0.76	32.06	ppb
Silicon	28-1	23.84	22.50	23.34	23.23	2.93	ppb
Silver	109-1	0.03	0.06	0.05	0.05	34.52	ppb
Silver	107-1	0.03	0.05	0.05	0.04	20.88	ppb
Sodium	23-2	102781.53	104316.34	102017.76	103038.54	1.14	ppb
Strontium	86-1	32.65	32.21	32.57	32.48	0.72	ppb
Strontium	88-1	33.28	33.16	33.08	33.17	0.30	ppb
Sulfur	34-1	79977.19	79613.52	80000.83	79863.85	0.27	ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.08	0.08	0.07	14.62	ppb
Thallium	205-1	0.07	0.07	0.09	0.08	16.18	ppb
Tin	118-1	0.16	0.18	0.18	0.17	7.12	ppb
Titanium	47-1	1965.12	1977.94	1949.01	1964.02	0.74	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	0.06	0.13	0.11	0.10	38.10	ppb
Yttrium	89-1				107		%
Yttrium	89-2				94		%
Zinc	66-2	12.08	12.72	11.29	12.03	5.96	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:33:26	DataFile Name :	017ICSA01_P8072818-1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.64	0.52	0.47	0.54	16.45	ppb
Zirconium	91-1	0.61	0.51	0.42	0.51	17.80	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:36:41	DataFile Name :	018ICSB_P8072818- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91336.24	91955.28	93185.92	92159.15	1.02	ppb
Antimony	121-1	19.90	20.02	19.89	19.94	0.37	ppb
Arsenic	75-2	20.31	18.64	19.95	19.63	4.47	ppb
Barium	135-1	20.76	20.56	20.48	20.60	0.70	ppb
Barium	137-1	21.08	21.01	21.20	21.10	0.47	ppb
Beryllium	9-1	20.72	19.93	20.40	20.35	1.96	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	64.69	66.81	67.79	66.43	2.39	ppb
Boron	11-1	65.84	63.96	67.98	65.93	3.05	ppb
Cadmium	111-1	19.49	19.63	19.17	19.43	1.21	ppb
Cadmium	106-1	24.03	23.29	25.51	24.28	4.66	ppb
Cadmium	108-1	30.98	28.78	32.07	30.61	5.48	ppb
Calcium	43-1	95052.11	93996.95	95911.06	94986.71	1.01	ppb
Calcium	44-1	94075.28	91851.02	93596.18	93174.16	1.26	ppb
Chromium	52-2	40.16	39.86	40.34	40.12	0.60	ppb
Cobalt	59-2	20.96	21.29	21.40	21.22	1.07	ppb
Copper	63-2	27.95	28.44	27.74	28.04	1.28	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				113		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				93		%
Iron	56-2	101750.59	102263.36	103576.66	102530.21	0.92	ppb
Iron	57-2	100655.01	100955.47	102490.11	101366.86	0.97	ppb
Krypton	83-1						cps
Lead	206-1	24.54	24.81	25.12	24.83	1.17	ppb
Lead	207-1	22.63	22.85	23.00	22.83	0.81	ppb
Lead	208-1	23.39	23.63	23.64	23.55	0.61	ppb
Lithium	6-1				106		%
Magnesium	24-2	98529.56	100322.61	100144.70	99665.62	0.99	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:36:41	DataFile Name :	018ICSB_P8072818- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.94	28.94	28.52	28.80	0.83	ppb
Molybdenum	94-1	1482.57	1477.89	1468.24	1476.23	0.50	ppb
Molybdenum	95-1	1973.12	1955.61	1963.05	1963.93	0.45	ppb
Molybdenum	96-1	1897.43	1918.52	1873.97	1896.64	1.17	ppb
Molybdenum	97-1	1978.90	1980.54	1995.59	1985.01	0.46	ppb
Molybdenum	98-1	1976.34	1950.07	1952.80	1959.73	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.98	24.72	25.47	25.06	1.50	ppb
Phosphorus	31-2	95696.17	102218.78	100092.13	99335.69	3.35	ppb
Potassium	39-2	99181.66	100076.62	101719.51	100325.93	1.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				91		%
Selenium	77-2	16.41	10.46	10.72	12.53	26.82	ppb
Selenium	78-2	19.38	17.68	23.16	20.08	13.97	ppb
Selenium	82-1	20.22	18.96	19.92	19.70	3.33	ppb
Silicon	28-1	86.09	83.09	85.44	84.87	1.86	ppb
Silver	109-1	18.64	18.46	18.64	18.58	0.56	ppb
Silver	107-1	18.30	18.34	18.54	18.39	0.71	ppb
Sodium	23-2	100106.75	101773.08	103502.39	101794.07	1.67	ppb
Strontium	86-1	86.48	87.41	86.42	86.77	0.64	ppb
Strontium	88-1	90.34	90.52	90.10	90.32	0.23	ppb
Sulfur	34-1	79146.26	77265.18	78401.61	78271.01	1.21	ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	19.92	19.66	20.28	19.96	1.57	ppb
Thallium	205-1	20.12	20.32	20.48	20.31	0.89	ppb
Tin	118-1	55.82	55.90	55.80	55.84	0.10	ppb
Titanium	47-1	2023.58	2024.15	2016.65	2021.46	0.21	ppb
Uranium	238-1	56.53	56.81	56.49	56.61	0.31	ppb
Vanadium	51-2	20.17	20.08	20.23	20.16	0.36	ppb
Yttrium	89-1				108		%
Yttrium	89-2				95		%
Zinc	66-2	33.34	32.84	32.22	32.80	1.72	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:36:41	DataFile Name :	018ICSB_P8072818- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	54.81	54.84	55.27	54.97	0.47	ppb
Zirconium	91-1	54.60	55.20	55.04	54.95	0.57	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:39:57	DataFile Name :	019CCV_P8072818- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53598.38	52095.53	51080.93	52258.28	2.42	ppb
Antimony	121-1	488.04	512.77	493.22	498.01	2.62	ppb
Arsenic	75-2	521.55	504.43	514.60	513.53	1.68	ppb
Barium	135-1	2501.64	2567.13	2481.56	2516.78	1.78	ppb
Barium	137-1	2496.28	2545.48	2478.60	2506.79	1.38	ppb
Beryllium	9-1	502.45	521.39	502.85	508.90	2.13	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	501.27	524.18	515.75	513.73	2.25	ppb
Boron	11-1	486.65	518.37	511.67	505.56	3.31	ppb
Cadmium	111-1	481.13	491.09	481.99	484.74	1.14	ppb
Cadmium	106-1	492.78	495.34	487.00	491.71	0.87	ppb
Cadmium	108-1	489.26	502.86	485.51	492.54	1.85	ppb
Calcium	43-1	237344.02	251473.21	242314.37	243710.53	2.94	ppb
Calcium	44-1	238001.74	249744.59	238905.42	242217.25	2.70	ppb
Chromium	52-2	547.14	524.02	516.93	529.37	2.98	ppb
Cobalt	59-2	519.70	498.62	493.49	503.94	2.76	ppb
Copper	63-2	1004.65	965.52	952.42	974.20	2.79	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				111		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	135034.73	130369.50	128232.34	131212.19	2.65	ppb
Iron	57-2	136785.14	131063.69	128284.71	132044.52	3.28	ppb
Krypton	83-1						cps
Lead	206-1	505.00	528.41	514.36	515.93	2.28	ppb
Lead	207-1	508.22	537.09	513.01	519.44	2.98	ppb
Lead	208-1	507.32	528.68	513.72	516.58	2.12	ppb
Lithium	6-1				107		%
Magnesium	24-2	268991.34	258182.49	253524.91	260232.91	3.05	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:39:57	DataFile Name :	019CCV_P8072818- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1059.80	1013.37	1000.96	1024.71	3.03	ppb
Molybdenum	94-1	2483.28	2606.38	2565.68	2551.78	2.46	ppb
Molybdenum	95-1	2454.86	2567.24	2531.01	2517.70	2.28	ppb
Molybdenum	96-1	2459.14	2600.86	2568.03	2542.68	2.92	ppb
Molybdenum	97-1	2464.54	2605.18	2568.21	2545.97	2.86	ppb
Molybdenum	98-1	2439.90	2573.02	2539.80	2517.57	2.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.54	502.88	494.29	506.90	2.97	ppb
Phosphorus	31-2	11183.03	9402.85	10377.95	10321.28	8.64	ppb
Potassium	39-2	136570.13	130086.86	128995.33	131884.11	3.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				93		%
Selenium	77-2	546.20	533.85	479.05	519.70	6.88	ppb
Selenium	78-2	504.55	488.80	510.03	501.13	2.20	ppb
Selenium	82-1	479.13	512.22	499.64	497.00	3.36	ppb
Silicon	28-1	507.12	551.55	521.94	526.87	4.29	ppb
Silver	109-1	492.54	505.28	495.57	497.80	1.34	ppb
Silver	107-1	490.37	506.27	495.86	497.50	1.62	ppb
Sodium	23-2	267143.27	258888.81	257179.31	261070.46	2.04	ppb
Strontium	86-1	485.93	507.47	505.42	499.61	2.38	ppb
Strontium	88-1	491.40	522.31	514.92	509.55	3.17	ppb
Sulfur	34-1	8689.30	10067.78	9039.31	9265.46	7.73	ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	502.45	528.31	511.96	514.24	2.54	ppb
Thallium	205-1	499.66	515.16	501.97	505.60	1.65	ppb
Tin	118-1	500.79	516.60	495.75	504.38	2.16	ppb
Titanium	47-1	2479.14	2637.39	2518.42	2544.98	3.24	ppb
Uranium	238-1	508.49	529.98	510.91	516.46	2.28	ppb
Vanadium	51-2	535.01	513.21	505.27	517.83	2.97	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	1019.53	982.34	970.38	990.75	2.59	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:39:57	DataFile Name :	019CCV_P8072818- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	496.61	523.13	514.34	511.36	2.64	ppb
Zirconium	91-1	492.34	522.64	511.91	508.96	3.02	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:49:09	DataFile Name :	020LLCC_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.78	18.99	16.18	17.98	8.70	ppb
Antimony	121-1	2.06	2.17	2.14	2.12	2.70	ppb
Arsenic	75-2	0.86	0.78	0.63	0.76	15.59	ppb
Barium	135-1	8.68	9.55	9.19	9.14	4.74	ppb
Barium	137-1	8.94	9.27	8.81	9.01	2.62	ppb
Beryllium	9-1	1.00	1.03	0.97	1.00	3.21	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	22.94	29.09	28.19	26.74	12.42	ppb
Boron	11-1	26.12	25.93	27.09	26.38	2.36	ppb
Cadmium	111-1	0.96	1.01	0.97	0.98	2.97	ppb
Cadmium	106-1	1.12	0.49	0.17	0.59	81.01	ppb
Cadmium	108-1	1.00	0.66	0.79	0.82	20.88	ppb
Calcium	43-1	423.88	465.66	412.74	434.09	6.43	ppb
Calcium	44-1	420.57	437.50	414.39	424.15	2.82	ppb
Chromium	52-2	1.73	2.05	2.08	1.95	9.78	ppb
Cobalt	59-2	0.92	0.92	0.94	0.93	1.00	ppb
Copper	63-2	1.92	1.89	1.98	1.93	2.31	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				109		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	51.22	50.98	50.82	51.01	0.40	ppb
Iron	57-2	52.07	53.91	42.51	49.50	12.36	ppb
Krypton	83-1						cps
Lead	206-1	0.94	1.03	0.97	0.98	4.44	ppb
Lead	207-1	0.89	0.99	0.97	0.95	5.58	ppb
Lead	208-1	0.92	1.00	0.96	0.96	4.40	ppb
Lithium	6-1				108		%
Magnesium	24-2	478.34	468.51	472.28	473.04	1.05	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:49:09	DataFile Name :	020LLCC_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.99	1.06	1.15	1.07	7.46	ppb
Molybdenum	94-1	5.17	5.26	5.00	5.14	2.53	ppb
Molybdenum	95-1	4.97	4.97	4.83	4.92	1.69	ppb
Molybdenum	96-1	4.69	5.00	4.82	4.84	3.24	ppb
Molybdenum	97-1	4.50	4.77	4.64	4.64	2.98	ppb
Molybdenum	98-1	4.73	5.07	4.66	4.82	4.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	1.02	0.82	0.90	11.81	ppb
Phosphorus	31-2	-7.52	-7.52	-7.52	-7.52		ppb
Potassium	39-2	471.38	506.21	543.68	507.09	7.13	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	15.91	4.03	4.02	7.99	85.85	ppb
Selenium	78-2	1.60	2.59	4.51	2.90	50.88	ppb
Selenium	82-1	4.91	4.59	5.38	4.96	8.02	ppb
Silicon	28-1	1.70	6.11	2.33	3.38	70.63	ppb
Silver	109-1	0.95	0.98	0.96	0.96	1.82	ppb
Silver	107-1	0.87	0.94	0.99	0.93	6.34	ppb
Sodium	23-2	536.53	535.90	536.32	536.25	0.06	ppb
Strontium	86-1	0.84	1.03	0.86	0.91	11.85	ppb
Strontium	88-1	0.92	0.96	0.93	0.93	2.02	ppb
Sulfur	34-1	-1257.73	-308.92	-1045.01	-870.55		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	0.98	1.01	1.01	1.00	1.88	ppb
Thallium	205-1	0.93	1.01	0.98	0.97	4.35	ppb
Tin	118-1	4.48	4.72	4.64	4.61	2.66	ppb
Titanium	47-1	4.73	4.84	4.63	4.73	2.20	ppb
Uranium	238-1	0.85	0.91	0.86	0.87	3.86	ppb
Vanadium	51-2	4.78	4.39	4.75	4.64	4.71	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	2.27	2.27	1.72	2.09	15.27	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:49:09	DataFile Name :	020LLCC_P8072818- M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.13	1.21	1.11	1.15	4.76	ppb
Zirconium	91-1	1.07	1.13	1.12	1.10	3.06	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:52:29	DataFile Name :	021CCBE_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	0.20	-1.21	-0.36		ppb
Antimony	121-1	0.14	0.12	0.13	0.13	8.30	ppb
Arsenic	75-2	0.07	-0.04	-0.09	-0.02		ppb
Barium	135-1	-0.02	-0.02	-0.03	-0.03		ppb
Barium	137-1	-0.01	-0.02	0.00	-0.01		ppb
Beryllium	9-1	0.05	-0.01	0.03	0.02	120.26	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	4.56	5.24	4.07	4.62	12.72	ppb
Boron	11-1	5.65	4.95	4.68	5.09	9.83	ppb
Cadmium	111-1	0.10	0.08	0.00	0.06	81.35	ppb
Cadmium	106-1	1.35	1.12	0.02	0.83	85.97	ppb
Cadmium	108-1	-0.12	-0.09	-0.05	-0.09		ppb
Calcium	43-1	1.13	-6.71	-8.38	-4.65		ppb
Calcium	44-1	-3.07	-2.23	-4.20	-3.16		ppb
Chromium	52-2	-0.01	-0.01	-0.12	-0.05		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.00	0.11	-0.01	0.03	197.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	56-2	1.26	1.52	0.90	1.23	25.21	ppb
Iron	57-2	-0.06	1.54	-0.79	0.23	524.91	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.02	0.03	16.54	ppb
Lead	207-1	0.03	0.01	0.02	0.02	47.85	ppb
Lead	208-1	0.03	0.02	0.02	0.02	16.99	ppb
Lithium	6-1				109		%
Magnesium	24-2	-3.08	-1.18	0.77	-1.16		ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:52:29	DataFile Name :	021CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.14	-0.02	-0.02	-0.06		ppb
Molybdenum	94-1	0.18	0.11	0.17	0.15	26.11	ppb
Molybdenum	95-1	0.10	0.11	0.11	0.11	4.78	ppb
Molybdenum	96-1	0.15	0.12	0.11	0.13	17.27	ppb
Molybdenum	97-1	0.08	0.11	0.08	0.09	20.81	ppb
Molybdenum	98-1	0.11	0.15	0.11	0.13	16.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.11	-0.11	-0.11		ppb
Phosphorus	31-2	16.98	-7.52	-7.52	0.65	2190.68	ppb
Potassium	39-2	40.03	23.84	38.87	34.24	26.38	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				94		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	-0.26	0.68	-1.27	-0.28		ppb
Selenium	82-1	0.23	0.60	0.31	0.38	50.81	ppb
Silicon	28-1	-12.80	-12.85	-13.34	-13.00		ppb
Silver	109-1	0.02	0.01	0.01	0.01	36.58	ppb
Silver	107-1	0.01	0.01	0.01	0.01	40.85	ppb
Sodium	23-2	76.94	65.68	62.58	68.40	11.05	ppb
Strontium	86-1	-0.01	-0.03	-0.04	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1173.21	-1109.46	-981.78	-1088.15		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.06	0.07	0.06	14.06	ppb
Thallium	205-1	0.07	0.05	0.05	0.06	16.61	ppb
Tin	118-1	0.06	0.07	0.06	0.06	12.71	ppb
Titanium	47-1	0.10	0.05	0.00	0.05	91.30	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				107		%
Yttrium	89-2				98		%
Zinc	66-2	0.04	0.07	-0.27	-0.05		ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:52:29	DataFile Name :	021CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.04	0.03	0.04	33.46	ppb
Zirconium	91-1	0.08	0.03	0.06	0.06	39.98	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:58:42	DataFile Name :	022LLCC_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.71	15.71	17.09	18.17	17.29	ppb
Antimony	121-1	2.00	2.01	1.98	2.00	0.82	ppb
Arsenic	75-2	0.93	1.24	1.20	1.12	14.68	ppb
Barium	135-1	9.45	8.83	8.96	9.08	3.61	ppb
Barium	137-1	9.63	9.50	9.37	9.50	1.34	ppb
Beryllium	9-1	1.20	1.17	1.03	1.13	8.00	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	24.16	27.75	26.27	26.06	6.92	ppb
Boron	11-1	25.56	25.95	26.56	26.02	1.94	ppb
Cadmium	111-1	0.90	0.81	0.89	0.87	5.61	ppb
Cadmium	106-1	0.14	-1.40	0.53	-0.25		ppb
Cadmium	108-1	0.98	0.84	0.95	0.92	8.02	ppb
Calcium	43-1	428.84	426.80	436.30	430.65	1.16	ppb
Calcium	44-1	444.47	431.71	452.94	443.04	2.41	ppb
Chromium	52-2	1.97	1.93	2.07	1.99	3.62	ppb
Cobalt	59-2	0.94	0.96	0.91	0.94	3.01	ppb
Copper	63-2	1.87	1.97	2.12	1.98	6.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	51.39	51.27	50.98	51.22	0.41	ppb
Iron	57-2	54.46	43.61	52.63	50.23	11.56	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.96	1.00	0.97	2.71	ppb
Lead	207-1	0.98	0.96	0.97	0.97	0.77	ppb
Lead	208-1	0.96	0.94	0.98	0.96	2.25	ppb
Lithium	6-1				109		%
Magnesium	24-2	463.27	483.58	462.81	469.89	2.52	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:58:42	DataFile Name :	022LLCC_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	0.75	0.74	0.82	16.92	ppb
Molybdenum	94-1	5.24	4.91	5.01	5.05	3.30	ppb
Molybdenum	95-1	4.72	4.67	4.68	4.69	0.56	ppb
Molybdenum	96-1	4.64	4.74	4.83	4.74	1.96	ppb
Molybdenum	97-1	4.51	4.68	4.63	4.61	1.80	ppb
Molybdenum	98-1	4.62	4.82	4.73	4.72	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	0.98	1.04	1.02	3.14	ppb
Phosphorus	31-2	-7.52	15.41	-7.52	0.12	10904.27	ppb
Potassium	39-2	493.45	511.07	520.91	508.48	2.74	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	77-2	28.02	15.73	-1.97	13.93	108.23	ppb
Selenium	78-2	6.43	3.47	4.52	4.81	31.26	ppb
Selenium	82-1	4.89	5.94	5.14	5.33	10.25	ppb
Silicon	28-1	3.90	0.30	5.73	3.31	83.33	ppb
Silver	109-1	1.01	1.01	0.98	1.00	1.67	ppb
Silver	107-1	1.03	0.93	1.03	1.00	5.83	ppb
Sodium	23-2	568.29	563.72	563.85	565.29	0.46	ppb
Strontium	86-1	0.86	0.86	0.90	0.87	2.57	ppb
Strontium	88-1	0.97	0.98	0.98	0.97	0.85	ppb
Sulfur	34-1	-908.44	-1183.49	-607.50	-899.81		ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	1.01	0.95	1.02	0.99	3.55	ppb
Thallium	205-1	0.96	0.96	0.99	0.97	1.89	ppb
Tin	118-1	4.88	4.77	4.79	4.81	1.28	ppb
Titanium	47-1	4.96	4.44	4.79	4.73	5.61	ppb
Uranium	238-1	0.89	0.88	0.91	0.90	1.45	ppb
Vanadium	51-2	4.90	4.82	4.72	4.81	1.89	ppb
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	2.37	2.02	3.13	2.51	22.54	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:58:42	DataFile Name :	022LLCC_P8072818- M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.06	1.09	1.07	1.07	1.54	ppb
Zirconium	91-1	1.12	0.96	1.07	1.05	7.53	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111294BL	Instrumnet Name :	P8
Client Sample ID :	PB111294BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:03:12	DataFile Name :	023CCBE_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.43	0.58	-0.31	-0.72		ppb
Antimony	121-1	0.06	0.06	0.06	0.06	5.24	ppb
Arsenic	75-2	-0.09	-0.04	-0.04	-0.06		ppb
Barium	135-1	-0.03	0.00	-0.03	-0.02		ppb
Barium	137-1	-0.01	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	186.28	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	1.63	3.26	2.34	2.41	33.91	ppb
Boron	11-1	3.18	3.03	3.48	3.23	7.11	ppb
Cadmium	111-1	-0.02	-0.11	-0.06	-0.07		ppb
Cadmium	106-1	-0.31	-1.48	-0.82	-0.87		ppb
Cadmium	108-1	-0.12	0.01	-0.09	-0.06		ppb
Calcium	43-1	1.12	-1.20	-2.70	-0.93		ppb
Calcium	44-1	-4.46	-3.29	-5.18	-4.31		ppb
Chromium	52-2	-0.06	-0.03	-0.08	-0.06		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	-0.04	-0.02	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	0.59	0.88	0.75	0.74	19.76	ppb
Iron	57-2	-1.11	-0.73	3.20	0.45	527.83	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.01	0.01	49.70	ppb
Lead	207-1	0.00	-0.01	0.00	0.00		ppb
Lead	208-1	0.01	0.01	0.01	0.01	48.10	ppb
Lithium	6-1				110		%
Magnesium	24-2	-2.57	1.07	-0.21	-0.57		ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111294BL	Instrumnet Name :	P8
Client Sample ID :	PB111294BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:03:12	DataFile Name :	023CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.14	-0.20	-0.19	-0.18		ppb
Molybdenum	94-1	0.05	0.06	0.03	0.05	31.13	ppb
Molybdenum	95-1	0.06	0.04	0.02	0.04	60.03	ppb
Molybdenum	96-1	0.04	0.04	0.05	0.04	15.16	ppb
Molybdenum	97-1	0.01	0.02	-0.01	0.01	267.34	ppb
Molybdenum	98-1	0.03	0.05	0.02	0.03	45.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.06	-0.07	-0.04		ppb
Phosphorus	31-2	-7.52	-7.52	-7.52	-7.52		ppb
Potassium	39-2	42.49	34.46	36.35	37.77	11.11	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	0.72	-1.27	-0.31	-0.29		ppb
Selenium	82-1	0.14	0.20	0.44	0.26	61.58	ppb
Silicon	28-1	-11.42	-10.92	-12.23	-11.52		ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.50	ppb
Silver	107-1	0.00	0.00	0.01	0.00	81.06	ppb
Sodium	23-2	59.43	55.12	51.03	55.20	7.61	ppb
Strontium	86-1	-0.04	-0.02	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	287.35	ppb
Sulfur	34-1	-643.63	-490.34	-724.08	-619.35		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.03	0.04	0.04	22.78	ppb
Thallium	205-1	0.03	0.03	0.04	0.04	2.69	ppb
Tin	118-1	0.04	0.02	0.03	0.03	36.90	ppb
Titanium	47-1	0.01	0.02	0.02	0.02	27.67	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	0.00	-0.01	-0.01		ppb
Yttrium	89-1				107		%
Yttrium	89-2				98		%
Zinc	66-2	0.05	0.06	0.36	0.16	111.97	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111294BL	Instrumnet Name :	P8
Client Sample ID :	PB111294BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:03:12	DataFile Name :	023CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.03	0.03	15.75	ppb
Zirconium	91-1	0.00	0.04	0.03	0.02	79.95	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111294BS	Instrumnet Name :	P8
Client Sample ID :	PB111294BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:06:33	DataFile Name :	024LCSE_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.99	44.23	43.13	45.45	6.85	ppb
Antimony	121-1	3.94	3.88	4.14	3.99	3.40	ppb
Arsenic	75-2	1.81	2.23	1.83	1.95	12.36	ppb
Barium	135-1	19.49	19.42	19.94	19.62	1.44	ppb
Barium	137-1	19.49	19.43	20.76	19.89	3.77	ppb
Beryllium	9-1	2.00	2.14	1.98	2.04	4.35	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	46.79	50.43	52.04	49.75	5.41	ppb
Boron	11-1	46.75	49.12	52.26	49.38	5.60	ppb
Cadmium	111-1	1.86	1.87	1.91	1.88	1.37	ppb
Cadmium	106-1	0.38	1.90	0.77	1.02	77.47	ppb
Cadmium	108-1	2.41	1.97	2.51	2.30	12.61	ppb
Calcium	43-1	919.11	974.71	951.30	948.37	2.94	ppb
Calcium	44-1	916.12	927.17	948.90	930.73	1.79	ppb
Chromium	52-2	4.19	4.38	4.29	4.28	2.14	ppb
Cobalt	59-2	2.11	2.05	2.05	2.07	1.76	ppb
Copper	63-2	4.18	4.06	4.05	4.10	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	468.79	459.98	473.52	467.43	1.47	ppb
Iron	57-2	482.16	478.60	489.75	483.50	1.18	ppb
Krypton	83-1						cps
Lead	206-1	1.94	2.00	1.95	1.96	1.67	ppb
Lead	207-1	1.91	1.95	2.01	1.96	2.49	ppb
Lead	208-1	1.94	1.99	2.03	1.99	2.05	ppb
Lithium	6-1				108		%
Magnesium	24-2	967.20	990.56	979.17	978.98	1.19	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111294BS	Instrumnet Name :	P8
Client Sample ID :	PB111294BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:06:33	DataFile Name :	024LCSE_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.89	1.70	1.65	1.74	7.38	ppb
Molybdenum	94-1	9.96	10.22	10.82	10.33	4.25	ppb
Molybdenum	95-1	9.79	9.53	10.11	9.81	2.95	ppb
Molybdenum	96-1	9.78	9.73	10.25	9.92	2.90	ppb
Molybdenum	97-1	9.48	9.44	10.02	9.65	3.35	ppb
Molybdenum	98-1	9.71	9.50	10.19	9.80	3.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.31	2.16	2.21	2.23	3.51	ppb
Phosphorus	31-2	38.71	15.19	-7.52	15.46	149.54	ppb
Potassium	39-2	1020.74	986.33	1062.16	1023.08	3.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	77-2	10.07	3.97	4.03	6.02	58.15	ppb
Selenium	78-2	10.32	12.09	6.44	9.62	30.01	ppb
Selenium	82-1	10.57	10.98	11.72	11.09	5.23	ppb
Silicon	28-1	22.16	23.33	25.49	23.66	7.15	ppb
Silver	109-1	2.11	2.08	2.08	2.09	0.78	ppb
Silver	107-1	2.16	1.96	2.05	2.06	4.91	ppb
Sodium	23-2	1038.01	1055.46	1066.55	1053.34	1.37	ppb
Strontium	86-1	1.92	1.88	1.99	1.93	2.77	ppb
Strontium	88-1	2.00	1.98	2.11	2.03	3.42	ppb
Sulfur	34-1	-424.62	-266.93	12.35	-226.40		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	2.03	2.07	2.01	2.04	1.37	ppb
Thallium	205-1	1.96	2.02	1.99	1.99	1.43	ppb
Tin	118-1	9.86	9.92	10.60	10.13	4.04	ppb
Titanium	47-1	10.14	9.67	9.69	9.83	2.69	ppb
Uranium	238-1	1.90	1.90	1.91	1.91	0.31	ppb
Vanadium	51-2	10.03	9.38	9.89	9.77	3.46	ppb
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	5.42	5.32	4.61	5.12	8.57	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111294BS	Instrumnet Name :	P8
Client Sample ID :	PB111294BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:06:33	DataFile Name :	024LCSE_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.13	2.18	2.30	2.20	4.02	ppb
Zirconium	91-1	2.20	2.09	2.13	2.14	2.60	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111417BL	Instrumnet Name :	P8
Client Sample ID :	PB111417BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:09:53	DataFile Name :	025CCBE_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.04	-1.17	1.29	-0.64		ppb
Antimony	121-1	0.04	0.04	0.05	0.04	13.97	ppb
Arsenic	75-2	-0.02	-0.06	-0.06	-0.05		ppb
Barium	135-1	0.00	-0.02	-0.02	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.03	-0.02		ppb
Beryllium	9-1	0.01	-0.02	0.00	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	5.25	4.16	3.49	4.30	20.66	ppb
Boron	11-1	4.75	4.33	3.98	4.35	8.89	ppb
Cadmium	111-1	0.00	-0.07	-0.04	-0.04		ppb
Cadmium	106-1	-0.08	-0.92	-0.57	-0.52		ppb
Cadmium	108-1	-0.05	-0.09	-0.09	-0.07		ppb
Calcium	43-1	-4.98	-5.07	-8.69	-6.24		ppb
Calcium	44-1	-5.48	-4.24	-6.42	-5.38		ppb
Chromium	52-2	-0.02	-0.13	-0.08	-0.08		ppb
Cobalt	59-2	-0.01	0.01	-0.01	0.00		ppb
Copper	63-2	-0.03	-0.03	-0.02	-0.03		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				109		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	56-2	0.91	0.80	0.82	0.84	6.97	ppb
Iron	57-2	0.99	-1.19	-1.49	-0.56		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	10.66	ppb
Lead	207-1	0.00	0.01	0.01	0.01	98.14	ppb
Lead	208-1	0.01	0.01	0.01	0.01	31.26	ppb
Lithium	6-1				109		%
Magnesium	24-2	0.05	-2.60	1.97	-0.20		ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111417BL	Instrumnet Name :	P8
Client Sample ID :	PB111417BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:09:53	DataFile Name :	025CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.11	-0.08	-0.10	-0.09		ppb
Molybdenum	94-1	0.06	0.02	0.00	0.03	112.98	ppb
Molybdenum	95-1	0.01	-0.02	0.01	0.00	4640.00	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	19.73	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	297.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.12	0.02	-0.06		ppb
Phosphorus	31-2	-7.52	15.39	-7.52	0.12	11284.70	ppb
Potassium	39-2	12.21	17.45	34.68	21.45	54.79	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	0.63	-1.27	0.75	0.04	3181.78	ppb
Selenium	82-1	0.75	-0.14	0.78	0.46	112.26	ppb
Silicon	28-1	-9.35	-10.39	-11.14	-10.30		ppb
Silver	109-1	0.00	0.01	0.00	0.01	47.13	ppb
Silver	107-1	0.01	0.00	0.00	0.00	176.15	ppb
Sodium	23-2	49.04	53.02	56.30	52.79	6.89	ppb
Strontium	86-1	-0.02	0.04	-0.04	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	78.17	ppb
Sulfur	34-1	-330.08	-387.45	-489.50	-402.34		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.03	0.02	0.02	20.50	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	16.83	ppb
Tin	118-1	0.04	0.05	0.05	0.04	3.35	ppb
Titanium	47-1	0.03	0.22	0.04	0.10	111.41	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	0.19	0.33	-0.05	0.16	122.53	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111417BL	Instrumnet Name :	P8
Client Sample ID :	PB111417BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:09:53	DataFile Name :	025CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.02	0.01	81.51	ppb
Zirconium	91-1	0.00	0.00	0.02	0.00	281.61	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111417BS	Instrumnet Name :	P8
Client Sample ID :	PB111417BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:13:14	DataFile Name :	026LCSE_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.04	34.61	39.68	37.44	6.90	ppb
Antimony	121-1	3.99	3.81	3.84	3.88	2.44	ppb
Arsenic	75-2	2.02	2.21	2.31	2.18	6.76	ppb
Barium	135-1	19.02	19.69	19.23	19.31	1.78	ppb
Barium	137-1	19.27	19.44	19.33	19.35	0.44	ppb
Beryllium	9-1	1.95	1.90	2.03	1.96	3.43	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	49.83	47.49	47.30	48.21	2.92	ppb
Boron	11-1	46.09	47.48	48.10	47.22	2.18	ppb
Cadmium	111-1	1.98	2.00	1.77	1.92	6.44	ppb
Cadmium	106-1	1.94	3.61	0.79	2.11	67.03	ppb
Cadmium	108-1	1.71	1.89	1.79	1.80	4.98	ppb
Calcium	43-1	902.49	899.29	889.59	897.13	0.75	ppb
Calcium	44-1	906.12	906.28	884.78	899.06	1.38	ppb
Chromium	52-2	4.04	4.50	4.12	4.22	5.87	ppb
Cobalt	59-2	1.96	2.15	2.00	2.04	5.04	ppb
Copper	63-2	3.88	4.44	4.12	4.15	6.81	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				109		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	460.06	476.95	464.80	467.27	1.86	ppb
Iron	57-2	462.95	472.25	491.92	475.71	3.11	ppb
Krypton	83-1						cps
Lead	206-1	1.94	1.90	1.86	1.90	2.06	ppb
Lead	207-1	1.95	1.79	1.89	1.88	4.22	ppb
Lead	208-1	1.93	1.86	1.86	1.88	2.20	ppb
Lithium	6-1				110		%
Magnesium	24-2	975.28	997.97	1004.25	992.50	1.54	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111417BS	Instrumnet Name :	P8
Client Sample ID :	PB111417BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:13:14	DataFile Name :	026LCSE_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.77	2.25	1.89	1.97	12.79	ppb
Molybdenum	94-1	10.02	9.60	9.91	9.84	2.23	ppb
Molybdenum	95-1	9.79	9.75	9.48	9.67	1.75	ppb
Molybdenum	96-1	9.74	9.61	9.56	9.64	0.94	ppb
Molybdenum	97-1	9.25	9.39	9.23	9.29	0.89	ppb
Molybdenum	98-1	9.60	9.46	9.37	9.47	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.39	2.39	2.34	2.38	1.24	ppb
Phosphorus	31-2	15.31	-7.52	39.01	15.60	149.13	ppb
Potassium	39-2	1003.69	1000.41	970.66	991.59	1.84	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	77-2	3.97	10.12	10.09	8.06	43.95	ppb
Selenium	78-2	6.36	15.22	10.34	10.64	41.70	ppb
Selenium	82-1	10.37	11.57	9.65	10.53	9.22	ppb
Silicon	28-1	20.59	20.83	19.66	20.36	3.04	ppb
Silver	109-1	2.05	2.10	1.99	2.05	2.66	ppb
Silver	107-1	2.04	1.99	2.01	2.01	1.26	ppb
Sodium	23-2	1058.03	1053.45	1054.76	1055.42	0.22	ppb
Strontium	86-1	1.94	1.66	1.93	1.84	8.58	ppb
Strontium	88-1	1.92	1.97	1.99	1.96	1.89	ppb
Sulfur	34-1	-356.39	-469.27	-379.26	-401.64		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	1.94	1.99	1.81	1.91	4.89	ppb
Thallium	205-1	1.94	1.89	1.91	1.91	1.29	ppb
Tin	118-1	9.67	9.52	9.74	9.64	1.15	ppb
Titanium	47-1	9.58	9.94	9.39	9.64	2.91	ppb
Uranium	238-1	1.87	1.77	1.77	1.80	3.36	ppb
Vanadium	51-2	9.35	9.77	9.91	9.68	3.01	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	5.35	4.91	4.10	4.79	13.22	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111417BS	Instrumnet Name :	P8
Client Sample ID :	PB111417BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:13:14	DataFile Name :	026LCSE_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.08	1.95	2.04	2.02	3.27	ppb
Zirconium	91-1	2.08	2.09	1.87	2.01	6.08	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-01RE	Instrumnet Name :	P8
Client Sample ID :	MA4Z31RE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:19:43	DataFile Name :	027SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	634.00	649.91	563.71	615.87	7.45	ppb
Antimony	121-1	5.26	5.40	5.40	5.35	1.51	ppb
Arsenic	75-2	3.24	3.17	2.45	2.95	14.84	ppb
Barium	135-1	28.39	28.01	28.21	28.20	0.67	ppb
Barium	137-1	29.25	29.47	28.25	28.99	2.25	ppb
Beryllium	9-1	11.28	11.50	11.24	11.34	1.22	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	2.35	2.12	2.82	2.43	14.72	ppb
Boron	11-1	3.10	2.76	3.28	3.04	8.70	ppb
Cadmium	111-1	0.02	-0.08	-0.05	-0.04		ppb
Cadmium	106-1	0.35	-1.07	-0.76	-0.49		ppb
Cadmium	108-1	-0.15	-0.02	-0.06	-0.08		ppb
Calcium	43-1	403.90	384.53	388.68	392.37	2.60	ppb
Calcium	44-1	402.26	399.69	384.72	395.56	2.39	ppb
Chromium	52-2	10.37	10.89	9.69	10.32	5.83	ppb
Cobalt	59-2	4.17	4.23	3.92	4.11	4.06	ppb
Copper	63-2	9.53	9.75	9.06	9.45	3.71	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				110		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				94		%
Iron	56-2	796.07	817.52	743.42	785.67	4.85	ppb
Iron	57-2	799.05	810.87	710.94	773.62	7.06	ppb
Krypton	83-1						cps
Lead	206-1	2.69	2.85	2.80	2.78	2.97	ppb
Lead	207-1	2.75	2.70	2.57	2.67	3.53	ppb
Lead	208-1	2.73	2.78	2.67	2.73	2.04	ppb
Lithium	6-1				110		%
Magnesium	24-2	270.40	288.22	243.80	267.48	8.36	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-01RE	Instrumnet Name :	P8
Client Sample ID :	MA4Z31RE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:19:43	DataFile Name :	027SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.13	3.47	2.85	3.15	9.87	ppb
Molybdenum	94-1	-0.01	0.01	-0.01	0.00		ppb
Molybdenum	95-1	0.00	0.00	-0.02	-0.01		ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00		ppb
Molybdenum	97-1	-0.01	-0.04	-0.04	-0.03		ppb
Molybdenum	98-1	-0.01	-0.02	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.05	4.12	3.65	3.94	6.38	ppb
Phosphorus	31-2	17.14	17.68	61.46	32.10	79.24	ppb
Potassium	39-2	521.85	565.16	534.80	540.60	4.11	ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				91		%
Selenium	77-2	-1.97	30.21	16.01	14.75	109.30	ppb
Selenium	78-2	19.54	17.33	17.02	17.96	7.67	ppb
Selenium	82-1	15.00	15.84	13.98	14.94	6.20	ppb
Silicon	28-1	-9.83	-8.45	-10.85	-9.71		ppb
Silver	109-1	4.96	5.02	4.79	4.93	2.45	ppb
Silver	107-1	4.82	4.74	4.67	4.74	1.60	ppb
Sodium	23-2	538.29	517.46	480.23	511.99	5.75	ppb
Strontium	86-1	0.02	-0.05	0.04	0.00	3495.76	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	4.20	ppb
Sulfur	34-1	-610.00	-550.38	-941.35	-700.57		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	5.53	5.59	5.60	5.58	0.74	ppb
Thallium	205-1	5.72	5.72	5.59	5.67	1.31	ppb
Tin	118-1	0.10	0.08	0.10	0.09	8.97	ppb
Titanium	47-1	0.08	-0.02	0.00	0.02	279.64	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	7.12	7.71	6.69	7.17	7.13	ppb
Yttrium	89-1				107		%
Yttrium	89-2				94		%
Zinc	66-2	10.21	10.93	10.34	10.49	3.64	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-01RE	Instrumnet Name :	P8
Client Sample ID :	MA4Z31RE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:19:43	DataFile Name :	027SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.02	0.02	17.72	ppb
Zirconium	91-1	0.03	-0.01	0.02	0.01	154.35	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:23:04	DataFile Name :	028SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.51	41.61	52.73	44.62	15.92	ppb
Antimony	121-1	2.56	2.46	2.55	2.52	2.27	ppb
Arsenic	75-2	4.56	4.49	4.22	4.42	4.02	ppb
Barium	135-1	3.02	2.82	3.17	3.00	5.82	ppb
Barium	137-1	3.12	3.06	3.34	3.17	4.64	ppb
Beryllium	9-1	-0.02	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Boron	10-1	13.84	13.88	13.66	13.79	0.84	ppb
Boron	11-1	13.88	14.07	13.57	13.84	1.81	ppb
Cadmium	111-1	-0.06	-0.06	-0.01	-0.04		ppb
Cadmium	106-1	-1.15	-1.10	-0.39	-0.88		ppb
Cadmium	108-1	0.11	0.11	0.08	0.10	15.42	ppb
Calcium	43-1	10915.39	10616.56	10400.67	10644.20	2.43	ppb
Calcium	44-1	11038.60	10790.77	10712.88	10847.42	1.57	ppb
Chromium	52-2	12.72	14.01	13.74	13.49	5.03	ppb
Cobalt	59-2	0.20	0.23	0.24	0.22	10.96	ppb
Copper	63-2	1.01	1.29	1.15	1.15	11.98	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				119		%
Holmium	165-2				110		%
Indium	115-1				116		%
Indium	115-2				104		%
Iron	56-2	8844.33	9498.47	9078.41	9140.40	3.63	ppb
Iron	57-2	8681.68	9387.70	8787.62	8952.33	4.25	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.24	0.22	0.24	6.66	ppb
Lead	207-1	0.24	0.23	0.22	0.23	5.89	ppb
Lead	208-1	0.26	0.24	0.22	0.24	8.08	ppb
Lithium	6-1				117		%
Magnesium	24-2	4041.41	4201.64	4037.80	4093.62	2.29	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:23:04	DataFile Name :	028SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	44.08	47.77	44.53	45.46	4.42	ppb
Molybdenum	94-1	31.21	31.09	30.59	30.96	1.06	ppb
Molybdenum	95-1	44.45	44.12	44.38	44.32	0.40	ppb
Molybdenum	96-1	42.84	43.01	42.83	42.89	0.24	ppb
Molybdenum	97-1	43.95	43.23	43.42	43.53	0.86	ppb
Molybdenum	98-1	44.45	43.91	43.72	44.03	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.74	2.40	1.93	2.02	16.67	ppb
Phosphorus	31-2	34.97	-7.52	36.53	21.32	117.20	ppb
Potassium	39-2	12206.19	13178.10	12600.82	12661.70	3.86	ppb
Rhodium	103-1				114		%
Rhodium	103-2				109		%
Scandium	45-1				114		%
Scandium	45-2				100		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	0.52	-1.27	1.51	0.25	557.86	ppb
Selenium	82-1	1.17	1.42	0.87	1.15	23.63	ppb
Silicon	28-1	3961.29	3895.82	3833.55	3896.89	1.64	ppb
Silver	109-1	0.10	0.12	0.16	0.12	24.19	ppb
Silver	107-1	0.08	0.12	0.18	0.13	39.23	ppb
Sodium	23-2	19070.52	20273.90	19119.77	19488.07	3.49	ppb
Strontium	86-1	98.00	97.21	96.83	97.35	0.61	ppb
Strontium	88-1	102.78	101.36	100.23	101.46	1.26	ppb
Sulfur	34-1	7537.80	7226.43	6827.40	7197.21	4.95	ppb
Terbium	159-1				118		%
Terbium	159-2				110		%
Thallium	203-1	0.10	0.08	0.12	0.10	19.77	ppb
Thallium	205-1	0.09	0.08	0.09	0.09	6.58	ppb
Tin	118-1	0.17	0.22	0.18	0.19	13.23	ppb
Titanium	47-1	1.09	0.90	0.93	0.98	10.61	ppb
Uranium	238-1	7.54	7.29	7.26	7.36	2.07	ppb
Vanadium	51-2	4.49	4.99	4.28	4.59	7.90	ppb
Yttrium	89-1				115		%
Yttrium	89-2				103		%
Zinc	66-2	9.61	11.27	10.45	10.45	7.95	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:23:04	DataFile Name :	028SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.03	0.03	0.03	36.80	ppb
Zirconium	91-1	0.05	0.00	0.07	0.04	82.21	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:26:23	DataFile Name :	029SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.91	65.30	60.31	56.17	20.93	ppb
Antimony	121-1	9.96	9.85	9.91	9.91	0.59	ppb
Arsenic	75-2	17.17	17.80	15.87	16.95	5.80	ppb
Barium	135-1	1.73	1.67	1.66	1.69	2.28	ppb
Barium	137-1	1.69	1.67	1.69	1.68	0.69	ppb
Beryllium	9-1	0.00	-0.02	0.00	0.00		ppb
Bismuth	209-1				118		%
Bismuth	209-2				109		%
Boron	10-1	16.17	16.62	14.52	15.77	7.01	ppb
Boron	11-1	15.45	15.91	15.51	15.62	1.62	ppb
Cadmium	111-1	-0.13	0.04	-0.05	-0.04		ppb
Cadmium	106-1	-1.96	0.36	-0.93	-0.84		ppb
Cadmium	108-1	0.06	0.05	0.03	0.05	37.19	ppb
Calcium	43-1	17739.37	17008.38	17316.41	17354.72	2.11	ppb
Calcium	44-1	17912.71	17142.35	17437.15	17497.40	2.22	ppb
Chromium	52-2	1.36	1.25	1.16	1.26	7.67	ppb
Cobalt	59-2	0.35	0.36	0.30	0.33	9.53	ppb
Copper	63-2	1.01	1.17	1.07	1.08	7.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				110		%
Indium	115-1				116		%
Indium	115-2				102		%
Iron	56-2	1784.38	1821.27	1752.48	1786.04	1.93	ppb
Iron	57-2	1760.56	1833.16	1748.49	1780.73	2.57	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.22	0.20	0.21	4.91	ppb
Lead	207-1	0.21	0.21	0.20	0.21	3.35	ppb
Lead	208-1	0.21	0.21	0.20	0.20	1.05	ppb
Lithium	6-1				117		%
Magnesium	24-2	5358.89	5473.27	5210.24	5347.46	2.47	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:26:23	DataFile Name :	029SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16.22	16.45	14.87	15.85	5.40	ppb
Molybdenum	94-1	10.71	10.69	10.45	10.62	1.36	ppb
Molybdenum	95-1	15.52	14.79	15.03	15.11	2.46	ppb
Molybdenum	96-1	14.82	14.52	14.36	14.57	1.59	ppb
Molybdenum	97-1	14.61	14.68	15.08	14.79	1.73	ppb
Molybdenum	98-1	15.12	14.58	14.59	14.76	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.61	3.64	3.68	3.64	1.00	ppb
Phosphorus	31-2	15.17	-7.52	-7.52	0.04	31261.60	ppb
Potassium	39-2	3586.58	3635.79	3532.90	3585.09	1.44	ppb
Rhodium	103-1				114		%
Rhodium	103-2				108		%
Scandium	45-1				111		%
Scandium	45-2				96		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	-0.33	-1.27	-0.33	-0.64		ppb
Selenium	82-1	0.83	1.20	1.30	1.11	22.22	ppb
Silicon	28-1	4998.18	4761.44	4851.71	4870.44	2.45	ppb
Silver	109-1	0.20	0.22	0.27	0.23	15.45	ppb
Silver	107-1	0.17	0.23	0.19	0.20	16.14	ppb
Sodium	23-2	28722.96	29581.07	28467.09	28923.71	2.02	ppb
Strontium	86-1	69.63	68.98	67.67	68.76	1.45	ppb
Strontium	88-1	72.57	71.53	71.41	71.84	0.89	ppb
Sulfur	34-1	372.72	32.70	316.15	240.52	75.75	ppb
Terbium	159-1				118		%
Terbium	159-2				110		%
Thallium	203-1	0.08	0.09	0.10	0.09	11.59	ppb
Thallium	205-1	0.08	0.09	0.11	0.09	12.87	ppb
Tin	118-1	0.18	0.16	0.18	0.17	6.42	ppb
Titanium	47-1	1.42	1.30	1.14	1.28	10.97	ppb
Uranium	238-1	28.89	28.57	28.49	28.65	0.75	ppb
Vanadium	51-2	2.95	3.05	2.69	2.90	6.38	ppb
Yttrium	89-1				115		%
Yttrium	89-2				101		%
Zinc	66-2	8.90	7.88	8.81	8.53	6.61	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:26:23	DataFile Name :	029SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.06	0.02	0.04	38.48	ppb
Zirconium	91-1	0.07	0.05	0.04	0.05	35.73	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:29:54	DataFile Name :	030SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	123.31	118.36	109.49	117.05	5.98	ppb
Antimony	121-1	5.37	5.00	4.98	5.12	4.25	ppb
Arsenic	75-2	6.19	6.00	5.70	5.96	4.09	ppb
Barium	135-1	3.99	3.63	3.71	3.78	5.02	ppb
Barium	137-1	4.07	4.02	3.77	3.96	4.01	ppb
Beryllium	9-1	0.02	0.00	0.00	0.01	206.36	ppb
Bismuth	209-1				121		%
Bismuth	209-2				112		%
Boron	10-1	13.09	12.09	12.05	12.41	4.77	ppb
Boron	11-1	13.49	13.65	13.22	13.45	1.60	ppb
Cadmium	111-1	-0.08	0.03	-0.14	-0.06		ppb
Cadmium	106-1	-1.15	0.35	-2.20	-1.00		ppb
Cadmium	108-1	-0.09	0.08	-0.12	-0.05		ppb
Calcium	43-1	38785.90	36192.57	36858.03	37278.84	3.61	ppb
Calcium	44-1	39041.91	36417.01	36689.26	37382.73	3.86	ppb
Chromium	52-2	1.14	1.27	1.28	1.23	6.34	ppb
Cobalt	59-2	0.22	0.21	0.19	0.21	7.26	ppb
Copper	63-2	1.06	1.04	1.13	1.08	4.62	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				123		%
Holmium	165-2				112		%
Indium	115-1				117		%
Indium	115-2				102		%
Iron	56-2	131.10	131.53	133.51	132.05	0.97	ppb
Iron	57-2	127.82	135.06	132.19	131.69	2.77	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.09	0.10	6.79	ppb
Lead	207-1	0.11	0.10	0.08	0.10	16.31	ppb
Lead	208-1	0.11	0.10	0.09	0.10	6.58	ppb
Lithium	6-1				119		%
Magnesium	24-2	6696.07	6746.85	6758.77	6733.90	0.49	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:29:54	DataFile Name :	030SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.30	6.43	5.74	6.16	5.99	ppb
Molybdenum	94-1	4.05	3.88	3.89	3.94	2.46	ppb
Molybdenum	95-1	5.80	5.57	5.37	5.58	3.81	ppb
Molybdenum	96-1	5.37	5.10	5.27	5.24	2.58	ppb
Molybdenum	97-1	5.70	5.41	5.34	5.48	3.55	ppb
Molybdenum	98-1	5.71	5.47	5.32	5.50	3.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.72	2.01	1.70	1.81	9.63	ppb
Phosphorus	31-2	-7.52	39.74	16.39	16.20	145.85	ppb
Potassium	39-2	3155.99	3126.18	3198.49	3160.22	1.15	ppb
Rhodium	103-1				116		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				94		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	0.59	0.61	0.64	0.61	4.44	ppb
Selenium	82-1	0.68	0.70	1.26	0.88	37.14	ppb
Silicon	28-1	5205.32	4891.53	4874.12	4990.33	3.74	ppb
Silver	109-1	0.17	0.19	0.22	0.19	12.39	ppb
Silver	107-1	0.19	0.19	0.18	0.19	2.31	ppb
Sodium	23-2	14932.69	14922.44	15015.84	14956.99	0.34	ppb
Strontium	86-1	111.73	104.90	104.23	106.95	3.88	ppb
Strontium	88-1	117.35	109.53	108.93	111.94	4.20	ppb
Sulfur	34-1	2897.15	2047.68	1976.12	2306.98	22.21	ppb
Terbium	159-1				121		%
Terbium	159-2				111		%
Thallium	203-1	0.06	0.06	0.05	0.06	11.01	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	6.89	ppb
Tin	118-1	0.17	0.18	0.17	0.17	4.88	ppb
Titanium	47-1	2.79	2.68	2.71	2.72	2.07	ppb
Uranium	238-1	13.60	12.85	12.84	13.10	3.35	ppb
Vanadium	51-2	1.74	1.71	1.73	1.73	0.98	ppb
Yttrium	89-1				117		%
Yttrium	89-2				101		%
Zinc	66-2	8.02	7.46	7.64	7.71	3.68	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:29:54	DataFile Name :	030SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.04	0.04	0.04	7.99	ppb
Zirconium	91-1	0.07	0.05	0.06	0.06	14.22	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:33:14	DataFile Name :	031SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	218.31	214.02	224.81	219.05	2.48	ppb
Antimony	121-1	6.37	6.38	6.27	6.34	0.95	ppb
Arsenic	75-2	4.39	4.10	4.20	4.23	3.58	ppb
Barium	135-1	2.11	2.16	2.19	2.15	2.04	ppb
Barium	137-1	2.29	2.44	2.10	2.27	7.41	ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				123		%
Bismuth	209-2				109		%
Boron	10-1	13.15	15.31	11.01	13.16	16.37	ppb
Boron	11-1	13.26	13.17	12.08	12.83	5.13	ppb
Cadmium	111-1	-0.13	-0.15	-0.04	-0.10		ppb
Cadmium	106-1	-1.95	-2.05	-0.62	-1.54		ppb
Cadmium	108-1	-0.09	-0.06	-0.07	-0.07		ppb
Calcium	43-1	37871.59	39613.00	37558.64	38347.74	2.89	ppb
Calcium	44-1	38163.53	40187.57	37298.73	38549.94	3.85	ppb
Chromium	52-2	1.38	1.16	1.41	1.32	10.21	ppb
Cobalt	59-2	0.44	0.37	0.45	0.42	10.99	ppb
Copper	63-2	1.14	1.25	1.18	1.19	5.04	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				124		%
Holmium	165-2				111		%
Indium	115-1				117		%
Indium	115-2				99		%
Iron	56-2	9156.40	9213.37	9204.47	9191.42	0.33	ppb
Iron	57-2	8808.13	8955.77	9011.19	8925.03	1.18	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.25	0.22	0.23	5.59	ppb
Lead	207-1	0.21	0.23	0.22	0.22	2.88	ppb
Lead	208-1	0.23	0.23	0.21	0.22	4.60	ppb
Lithium	6-1				121		%
Magnesium	24-2	7723.50	7836.69	7839.90	7800.03	0.85	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:33:14	DataFile Name :	031SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	112.91	113.45	113.02	113.12	0.25	ppb
Molybdenum	94-1	1.83	2.00	2.03	1.95	5.47	ppb
Molybdenum	95-1	2.43	2.66	2.55	2.55	4.52	ppb
Molybdenum	96-1	2.47	2.60	2.48	2.52	2.83	ppb
Molybdenum	97-1	2.50	2.71	2.51	2.57	4.59	ppb
Molybdenum	98-1	2.56	2.67	2.45	2.56	4.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.82	2.81	2.87	2.83	1.10	ppb
Phosphorus	31-2	138.40	91.17	190.30	139.96	35.43	ppb
Potassium	39-2	2705.18	2760.07	2704.05	2723.10	1.18	ppb
Rhodium	103-1				115		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				90		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	-0.32	1.65	1.68	1.00	113.89	ppb
Selenium	82-1	0.30	0.23	0.82	0.45	71.12	ppb
Silicon	28-1	4313.79	4491.60	4246.65	4350.68	2.91	ppb
Silver	109-1	0.16	0.18	0.18	0.17	6.97	ppb
Silver	107-1	0.18	0.19	0.18	0.18	4.11	ppb
Sodium	23-2	15394.27	15482.05	15635.32	15503.88	0.79	ppb
Strontium	86-1	110.25	118.28	113.12	113.89	3.57	ppb
Strontium	88-1	116.38	123.81	118.47	119.55	3.21	ppb
Sulfur	34-1	930.72	1946.05	889.82	1255.53	47.66	ppb
Terbium	159-1				122		%
Terbium	159-2				110		%
Thallium	203-1	0.04	0.05	0.05	0.04	16.73	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	12.02	ppb
Tin	118-1	0.14	0.21	0.17	0.18	20.92	ppb
Titanium	47-1	8.84	9.60	8.88	9.10	4.70	ppb
Uranium	238-1	7.55	8.11	7.56	7.74	4.18	ppb
Vanadium	51-2	1.61	1.62	1.73	1.65	4.13	ppb
Yttrium	89-1				116		%
Yttrium	89-2				98		%
Zinc	66-2	12.23	10.89	11.21	11.44	6.13	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:33:14	DataFile Name :	031SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.09	0.08	0.08	11.29	ppb
Zirconium	91-1	0.08	0.09	0.09	0.09	8.94	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:36:33	DataFile Name :	032SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	265.88	268.25	275.54	269.89	1.87	ppb
Antimony	121-1	1.17	1.28	1.23	1.23	4.40	ppb
Arsenic	75-2	6.07	4.89	5.14	5.37	11.60	ppb
Barium	135-1	3.95	4.06	3.82	3.94	3.13	ppb
Barium	137-1	3.74	3.81	4.11	3.89	5.10	ppb
Beryllium	9-1	0.06	0.04	0.04	0.05	19.84	ppb
Bismuth	209-1				124		%
Bismuth	209-2				110		%
Boron	10-1	11.04	12.11	11.33	11.49	4.79	ppb
Boron	11-1	10.97	10.65	11.27	10.96	2.83	ppb
Cadmium	111-1	-0.08	-0.16	-0.13	-0.13		ppb
Cadmium	106-1	-1.23	-2.31	-2.12	-1.89		ppb
Cadmium	108-1	-0.04	0.07	-0.04	0.00		ppb
Calcium	43-1	47653.88	47521.23	47387.95	47521.02	0.28	ppb
Calcium	44-1	48080.10	47688.43	47513.45	47760.66	0.61	ppb
Chromium	52-2	9.77	10.29	9.97	10.01	2.63	ppb
Cobalt	59-2	0.35	0.38	0.36	0.36	3.92	ppb
Copper	63-2	1.49	1.58	1.78	1.62	9.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				111		%
Indium	115-1				118		%
Indium	115-2				98		%
Iron	56-2	9340.91	9436.06	9577.92	9451.63	1.26	ppb
Iron	57-2	8982.96	9213.63	9209.28	9135.29	1.44	ppb
Krypton	83-1						cps
Lead	206-1	1.94	1.82	1.91	1.89	3.17	ppb
Lead	207-1	1.62	1.54	1.58	1.58	2.41	ppb
Lead	208-1	1.74	1.67	1.72	1.71	2.01	ppb
Lithium	6-1				121		%
Magnesium	24-2	6360.77	6427.69	6529.97	6439.47	1.32	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:36:33	DataFile Name :	032SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	71.16	72.56	75.42	73.05	2.97	ppb
Molybdenum	94-1	0.85	0.96	0.91	0.91	6.34	ppb
Molybdenum	95-1	0.65	0.69	0.73	0.69	5.90	ppb
Molybdenum	96-1	0.65	0.71	0.73	0.70	5.88	ppb
Molybdenum	97-1	0.64	0.63	0.66	0.64	2.56	ppb
Molybdenum	98-1	0.57	0.68	0.68	0.64	9.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	0.88	1.03	0.98	8.97	ppb
Phosphorus	31-2	163.52	216.98	119.46	166.65	29.30	ppb
Potassium	39-2	2524.41	2521.41	2602.19	2549.34	1.80	ppb
Rhodium	103-1				116		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				89		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	-0.30	-0.28	0.75	0.05	1108.09	ppb
Selenium	82-1	0.13	1.26	0.87	0.75	75.69	ppb
Silicon	28-1	4899.17	4913.84	4894.57	4902.52	0.21	ppb
Silver	109-1	0.14	0.17	0.18	0.16	14.96	ppb
Silver	107-1	0.17	0.17	0.15	0.17	8.64	ppb
Sodium	23-2	8172.95	8225.19	8249.88	8216.01	0.48	ppb
Strontium	86-1	123.89	127.81	127.42	126.37	1.71	ppb
Strontium	88-1	129.51	131.62	131.67	130.93	0.94	ppb
Sulfur	34-1	-312.43	-422.45	-263.32	-332.73		ppb
Terbium	159-1				124		%
Terbium	159-2				110		%
Thallium	203-1	0.02	0.03	0.01	0.02	30.65	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.59	ppb
Tin	118-1	0.13	0.18	0.19	0.17	18.99	ppb
Titanium	47-1	13.67	14.87	13.41	13.98	5.57	ppb
Uranium	238-1	6.97	7.02	6.97	6.99	0.41	ppb
Vanadium	51-2	4.14	4.16	4.28	4.19	1.85	ppb
Yttrium	89-1				117		%
Yttrium	89-2				96		%
Zinc	66-2	13.19	13.41	14.33	13.64	4.43	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:36:33	DataFile Name :	032SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.29	0.31	0.29	5.08	ppb
Zirconium	91-1	0.31	0.37	0.33	0.34	9.81	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:39:53	DataFile Name :	033SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	269.28	245.54	286.62	267.15	7.72	ppb
Antimony	121-1	1.18	1.20	1.17	1.18	1.32	ppb
Arsenic	75-2	4.71	4.75	5.29	4.92	6.61	ppb
Barium	135-1	3.84	3.67	3.43	3.65	5.76	ppb
Barium	137-1	3.76	3.62	3.65	3.68	1.94	ppb
Beryllium	9-1	0.01	0.02	0.04	0.02	77.21	ppb
Bismuth	209-1				125		%
Bismuth	209-2				111		%
Boron	10-1	9.48	11.25	10.95	10.56	8.97	ppb
Boron	11-1	10.47	10.72	10.99	10.73	2.45	ppb
Cadmium	111-1	-0.04	-0.03	-0.08	-0.05		ppb
Cadmium	106-1	-0.75	-0.57	-1.21	-0.84		ppb
Cadmium	108-1	0.02	-0.04	-0.01	-0.01		ppb
Calcium	43-1	47980.13	47653.26	45479.52	47037.64	2.89	ppb
Calcium	44-1	48105.85	47882.43	45714.15	47234.15	2.80	ppb
Chromium	52-2	10.02	10.28	10.12	10.14	1.28	ppb
Cobalt	59-2	0.39	0.37	0.40	0.39	4.34	ppb
Copper	63-2	1.59	1.67	1.72	1.66	3.87	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				125		%
Holmium	165-2				111		%
Indium	115-1				118		%
Indium	115-2				98		%
Iron	56-2	8587.22	8619.91	8761.90	8656.35	1.07	ppb
Iron	57-2	8175.63	8424.95	8571.26	8390.62	2.38	ppb
Krypton	83-1						cps
Lead	206-1	1.81	1.77	1.76	1.78	1.35	ppb
Lead	207-1	1.49	1.49	1.43	1.47	2.31	ppb
Lead	208-1	1.63	1.61	1.57	1.61	1.73	ppb
Lithium	6-1				122		%
Magnesium	24-2	6420.03	6386.68	6516.01	6440.91	1.04	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:39:53	DataFile Name :	033SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	70.88	73.47	74.15	72.83	2.37	ppb
Molybdenum	94-1	0.88	1.01	0.85	0.91	9.20	ppb
Molybdenum	95-1	0.65	0.58	0.54	0.59	9.51	ppb
Molybdenum	96-1	0.74	0.62	0.72	0.69	9.56	ppb
Molybdenum	97-1	0.71	0.61	0.58	0.63	10.71	ppb
Molybdenum	98-1	0.65	0.68	0.65	0.66	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.05	1.01	1.01	3.29	ppb
Phosphorus	31-2	143.24	68.57	123.59	111.80	34.62	ppb
Potassium	39-2	2524.98	2522.66	2560.62	2536.09	0.84	ppb
Rhodium	103-1				116		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				87		%
Selenium	77-2	-1.97	-1.97	4.28	0.12	3108.90	ppb
Selenium	78-2	-0.30	-1.27	0.74	-0.28		ppb
Selenium	82-1	0.28	0.52	-0.21	0.20	187.22	ppb
Silicon	28-1	4866.34	4799.89	4604.82	4757.01	2.86	ppb
Silver	109-1	0.14	0.16	0.15	0.15	5.46	ppb
Silver	107-1	0.15	0.16	0.16	0.16	2.62	ppb
Sodium	23-2	8100.80	8099.47	8294.95	8165.07	1.38	ppb
Strontium	86-1	126.20	125.52	121.08	124.27	2.24	ppb
Strontium	88-1	131.40	130.89	126.61	129.63	2.03	ppb
Sulfur	34-1	-262.66	-59.62	-855.95	-392.74		ppb
Terbium	159-1				124		%
Terbium	159-2				111		%
Thallium	203-1	0.02	0.00	0.01	0.01	106.06	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	61.36	ppb
Tin	118-1	0.15	0.19	0.19	0.17	13.26	ppb
Titanium	47-1	13.66	12.78	12.52	12.99	4.59	ppb
Uranium	238-1	6.97	6.94	6.70	6.87	2.10	ppb
Vanadium	51-2	3.99	3.91	3.97	3.96	1.12	ppb
Yttrium	89-1				116		%
Yttrium	89-2				96		%
Zinc	66-2	15.76	16.12	15.28	15.72	2.69	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:39:53	DataFile Name :	033SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.31	0.31	0.27	0.29	7.03	ppb
Zirconium	91-1	0.30	0.29	0.27	0.29	5.62	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-10	Instrumnet Name :	P8
Client Sample ID :	MA4Z40	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:43:12	DataFile Name :	034SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.13	44.38	56.66	50.06	12.36	ppb
Antimony	121-1	2.30	2.35	2.32	2.32	1.10	ppb
Arsenic	75-2	3.30	3.27	4.03	3.54	12.12	ppb
Barium	135-1	2.60	2.79	2.62	2.67	4.01	ppb
Barium	137-1	2.72	2.82	2.73	2.76	1.92	ppb
Beryllium	9-1	-0.02	-0.02	-0.01	-0.02		ppb
Bismuth	209-1				124		%
Bismuth	209-2				110		%
Boron	10-1	10.14	9.50	10.34	10.00	4.38	ppb
Boron	11-1	10.83	10.85	10.79	10.82	0.24	ppb
Cadmium	111-1	-0.07	-0.03	-0.08	-0.06		ppb
Cadmium	106-1	-1.24	-0.44	-1.26	-0.98		ppb
Cadmium	108-1	-0.01	0.05	0.02	0.02	164.46	ppb
Calcium	43-1	43432.99	43689.68	42804.25	43308.97	1.05	ppb
Calcium	44-1	43576.33	44100.29	42822.20	43499.60	1.48	ppb
Chromium	52-2	1.21	1.43	1.36	1.33	8.38	ppb
Cobalt	59-2	0.25	0.27	0.31	0.28	10.27	ppb
Copper	63-2	1.45	1.48	1.44	1.46	1.33	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				125		%
Holmium	165-2				110		%
Indium	115-1				117		%
Indium	115-2				97		%
Iron	56-2	908.33	902.23	940.22	916.93	2.23	ppb
Iron	57-2	879.99	891.05	939.11	903.38	3.48	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.21	0.20	0.20	3.08	ppb
Lead	207-1	0.17	0.17	0.15	0.16	6.70	ppb
Lead	208-1	0.18	0.18	0.17	0.18	1.98	ppb
Lithium	6-1				120		%
Magnesium	24-2	6384.33	6269.60	6530.00	6394.64	2.04	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-10	Instrumnet Name :	P8
Client Sample ID :	MA4Z40	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:43:12	DataFile Name :	034SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.03	25.99	27.61	26.88	3.05	ppb
Molybdenum	94-1	8.05	8.11	8.00	8.06	0.70	ppb
Molybdenum	95-1	10.97	11.11	11.23	11.10	1.18	ppb
Molybdenum	96-1	10.94	10.81	11.04	10.93	1.06	ppb
Molybdenum	97-1	11.40	11.05	11.21	11.22	1.59	ppb
Molybdenum	98-1	11.21	11.32	11.40	11.31	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.26	1.71	2.08	2.01	13.89	ppb
Phosphorus	31-2	295.60	144.09	204.24	214.64	35.54	ppb
Potassium	39-2	7284.23	7153.14	7284.99	7240.78	1.05	ppb
Rhodium	103-1				115		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				86		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	0.74	-1.27	-1.27	-0.60		ppb
Selenium	82-1	0.77	0.48	0.35	0.53	39.88	ppb
Silicon	28-1	4218.16	4248.09	4178.47	4214.90	0.83	ppb
Silver	109-1	0.14	0.13	0.13	0.14	5.14	ppb
Silver	107-1	0.12	0.13	0.14	0.13	7.32	ppb
Sodium	23-2	11670.05	11549.99	11929.23	11716.43	1.65	ppb
Strontium	86-1	107.25	106.95	107.89	107.36	0.45	ppb
Strontium	88-1	113.00	113.43	113.19	113.21	0.19	ppb
Sulfur	34-1	669.39	901.90	528.57	699.95	26.94	ppb
Terbium	159-1				123		%
Terbium	159-2				110		%
Thallium	203-1	0.01	0.00	0.01	0.01	44.50	ppb
Thallium	205-1	0.01	0.00	0.00	0.01	67.44	ppb
Tin	118-1	0.16	0.18	0.17	0.17	7.92	ppb
Titanium	47-1	1.10	0.94	1.01	1.02	7.89	ppb
Uranium	238-1	6.55	6.60	6.59	6.58	0.41	ppb
Vanadium	51-2	1.81	2.05	2.21	2.02	9.84	ppb
Yttrium	89-1				115		%
Yttrium	89-2				95		%
Zinc	66-2	8.28	7.62	7.81	7.90	4.27	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-10	Instrumnet Name :	P8
Client Sample ID :	MA4Z40	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:43:12	DataFile Name :	034SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.04	0.04	6.12	ppb
Zirconium	91-1	0.03	0.04	0.04	0.04	19.05	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-11	Instrumnet Name :	P8
Client Sample ID :	MA4Z41	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:46:32	DataFile Name :	035SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.42	27.24	36.67	33.78	16.80	ppb
Antimony	121-1	1.58	1.57	1.52	1.56	2.18	ppb
Arsenic	75-2	0.74	0.54	0.35	0.54	35.47	ppb
Barium	135-1	1.33	1.21	1.17	1.24	6.46	ppb
Barium	137-1	1.31	1.21	1.22	1.24	4.28	ppb
Beryllium	9-1	-0.04	0.00	-0.02	-0.02		ppb
Bismuth	209-1				125		%
Bismuth	209-2				110		%
Boron	10-1	10.04	9.80	11.19	10.35	7.18	ppb
Boron	11-1	9.88	10.74	9.89	10.17	4.84	ppb
Cadmium	111-1	-0.08	-0.07	-0.12	-0.09		ppb
Cadmium	106-1	-1.08	-1.00	-1.73	-1.27		ppb
Cadmium	108-1	-0.01	-0.04	-0.12	-0.06		ppb
Calcium	43-1	27737.95	27814.04	27424.67	27658.89	0.75	ppb
Calcium	44-1	28133.17	27922.74	27406.94	27820.95	1.34	ppb
Chromium	52-2	0.26	0.16	0.23	0.22	23.23	ppb
Cobalt	59-2	0.35	0.33	0.38	0.35	7.22	ppb
Copper	63-2	1.09	1.14	1.07	1.10	3.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				109		%
Indium	115-1				117		%
Indium	115-2				95		%
Iron	56-2	1826.01	1826.76	1784.68	1812.48	1.33	ppb
Iron	57-2	1810.66	1827.01	1776.49	1804.72	1.43	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.04	0.07	35.99	ppb
Lead	207-1	0.05	0.05	0.06	0.06	8.53	ppb
Lead	208-1	0.06	0.07	0.05	0.06	11.68	ppb
Lithium	6-1				121		%
Magnesium	24-2	4913.96	5038.25	4911.81	4954.67	1.46	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-11	Instrumnet Name :	P8
Client Sample ID :	MA4Z41	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:46:32	DataFile Name :	035SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	65.80	65.28	63.25	64.78	2.09	ppb
Molybdenum	94-1	1.25	1.22	1.26	1.24	1.76	ppb
Molybdenum	95-1	1.68	1.51	1.59	1.59	5.10	ppb
Molybdenum	96-1	1.61	1.43	1.68	1.57	8.44	ppb
Molybdenum	97-1	1.61	1.58	1.68	1.62	3.20	ppb
Molybdenum	98-1	1.74	1.61	1.65	1.67	3.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.62	1.66	1.72	1.66	3.00	ppb
Phosphorus	31-2	19.09	19.41	18.93	19.14	1.28	ppb
Potassium	39-2	2322.84	2386.81	2262.63	2324.09	2.67	ppb
Rhodium	103-1				114		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				83		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	-0.25	-1.27	-0.24	-0.59		ppb
Selenium	82-1	0.53	0.69	0.86	0.70	23.38	ppb
Silicon	28-1	3427.42	3416.22	3377.23	3406.96	0.77	ppb
Silver	109-1	0.11	0.14	0.15	0.13	15.08	ppb
Silver	107-1	0.13	0.15	0.12	0.13	12.07	ppb
Sodium	23-2	10571.34	10524.06	10405.34	10500.25	0.81	ppb
Strontium	86-1	75.39	75.65	74.77	75.27	0.60	ppb
Strontium	88-1	79.34	79.64	79.25	79.41	0.25	ppb
Sulfur	34-1	-960.77	-791.28	-792.96	-848.34		ppb
Terbium	159-1				122		%
Terbium	159-2				110		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.19	0.16	0.15	0.17	10.55	ppb
Titanium	47-1	0.77	0.80	0.87	0.82	6.31	ppb
Uranium	238-1	1.05	1.06	1.06	1.06	0.64	ppb
Vanadium	51-2	0.37	0.40	0.25	0.34	22.27	ppb
Yttrium	89-1				113		%
Yttrium	89-2				93		%
Zinc	66-2	7.77	8.12	8.22	8.04	2.96	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-11	Instrumnet Name :	P8
Client Sample ID :	MA4Z41	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:46:32	DataFile Name :	035SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.02	0.01	100.05	ppb
Zirconium	91-1	0.01	0.04	0.04	0.03	54.78	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-12	Instrumnet Name :	P8
Client Sample ID :	MA4Z41D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:49:51	DataFile Name :	036SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.06	38.28	40.25	39.87	3.59	ppb
Antimony	121-1	1.50	1.58	1.54	1.54	2.66	ppb
Arsenic	75-2	0.76	0.66	0.94	0.78	17.76	ppb
Barium	135-1	1.24	1.26	1.29	1.26	2.27	ppb
Barium	137-1	1.23	1.26	1.24	1.25	1.20	ppb
Beryllium	9-1	-0.04	-0.02	-0.01	-0.02		ppb
Bismuth	209-1				124		%
Bismuth	209-2				109		%
Boron	10-1	9.68	10.46	10.63	10.25	4.92	ppb
Boron	11-1	10.74	10.09	10.32	10.39	3.18	ppb
Cadmium	111-1	-0.14	-0.07	-0.08	-0.10		ppb
Cadmium	106-1	-2.00	-1.14	-1.10	-1.41		ppb
Cadmium	108-1	-0.09	-0.06	-0.04	-0.07		ppb
Calcium	43-1	27329.21	27799.10	27731.12	27619.81	0.92	ppb
Calcium	44-1	27983.48	27968.54	27809.04	27920.35	0.35	ppb
Chromium	52-2	0.16	0.09	0.19	0.15	34.96	ppb
Cobalt	59-2	0.38	0.37	0.35	0.37	4.63	ppb
Copper	63-2	1.08	0.99	1.07	1.05	4.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				108		%
Indium	115-1				117		%
Indium	115-2				94		%
Iron	56-2	1826.88	1804.46	1796.01	1809.12	0.88	ppb
Iron	57-2	1802.04	1695.31	1771.81	1756.39	3.13	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.06	0.06	5.02	ppb
Lead	207-1	0.06	0.06	0.04	0.05	21.78	ppb
Lead	208-1	0.05	0.05	0.05	0.05	2.94	ppb
Lithium	6-1				120		%
Magnesium	24-2	4991.57	4838.54	4903.15	4911.09	1.56	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-12	Instrumnet Name :	P8
Client Sample ID :	MA4Z41D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:49:51	DataFile Name :	036SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	66.11	61.65	66.76	64.84	4.30	ppb
Molybdenum	94-1	1.13	1.07	1.08	1.09	3.03	ppb
Molybdenum	95-1	1.70	1.72	1.62	1.68	3.02	ppb
Molybdenum	96-1	1.57	1.59	1.49	1.55	3.45	ppb
Molybdenum	97-1	1.43	1.46	1.58	1.49	5.17	ppb
Molybdenum	98-1	1.64	1.69	1.61	1.65	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.67	1.53	1.68	1.63	5.03	ppb
Phosphorus	31-2	19.78	-7.52	-7.52	1.58	997.68	ppb
Potassium	39-2	2311.50	2381.08	2388.27	2360.28	1.80	ppb
Rhodium	103-1				114		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				82		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	-1.27	-0.23	-0.21	-0.57		ppb
Selenium	82-1	1.09	0.22	0.39	0.57	81.20	ppb
Silicon	28-1	3380.96	3381.46	3425.36	3395.93	0.75	ppb
Silver	109-1	0.12	0.11	0.12	0.12	2.43	ppb
Silver	107-1	0.11	0.13	0.11	0.12	7.54	ppb
Sodium	23-2	10630.51	10347.38	10425.79	10467.89	1.40	ppb
Strontium	86-1	75.30	76.72	75.82	75.95	0.95	ppb
Strontium	88-1	78.62	79.77	78.86	79.08	0.77	ppb
Sulfur	34-1	-912.97	-1011.58	-837.47	-920.67		ppb
Terbium	159-1				123		%
Terbium	159-2				107		%
Thallium	203-1	0.00	0.00	0.00	0.00	4719.85	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.21	0.19	0.18	0.19	8.45	ppb
Titanium	47-1	0.73	0.81	0.68	0.74	8.99	ppb
Uranium	238-1	1.06	1.08	1.06	1.07	1.36	ppb
Vanadium	51-2	0.36	0.38	0.30	0.35	11.84	ppb
Yttrium	89-1				113		%
Yttrium	89-2				91		%
Zinc	66-2	9.08	8.35	8.92	8.79	4.40	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-12	Instrumnet Name :	P8
Client Sample ID :	MA4Z41D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:49:51	DataFile Name :	036SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.01	0.02	44.85	ppb
Zirconium	91-1	0.02	-0.01	0.05	0.02	156.00	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4Z41L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-28 15:53:11	DataFile Name :	037SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.50	5.62	7.22	7.11	20.24	ppb
Antimony	121-1	0.31	0.36	0.30	0.33	10.67	ppb
Arsenic	75-2	0.15	0.11	0.06	0.11	44.49	ppb
Barium	135-1	0.28	0.27	0.22	0.26	12.93	ppb
Barium	137-1	0.25	0.21	0.23	0.23	10.40	ppb
Beryllium	9-1	-0.02	0.00	-0.03	-0.02		ppb
Bismuth	209-1				114		%
Bismuth	209-2				103		%
Boron	10-1	3.40	4.07	3.36	3.61	11.15	ppb
Boron	11-1	4.02	3.74	3.32	3.69	9.50	ppb
Cadmium	111-1	-0.17	0.00	-0.15	-0.10		ppb
Cadmium	106-1	-2.29	-0.05	-1.97	-1.44		ppb
Cadmium	108-1	-0.03	-0.06	-0.06	-0.05		ppb
Calcium	43-1	5431.23	5478.46	5487.72	5465.80	0.55	ppb
Calcium	44-1	5642.21	5679.03	5484.39	5601.88	1.85	ppb
Chromium	52-2	0.03	0.03	0.11	0.06	85.95	ppb
Cobalt	59-2	0.03	0.05	0.03	0.04	26.31	ppb
Copper	63-2	0.50	0.39	0.40	0.43	14.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				91		%
Iron	56-2	363.12	348.19	352.28	354.53	2.18	ppb
Iron	57-2	392.18	347.12	348.80	362.70	7.04	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.02	0.02	63.48	ppb
Lead	207-1	0.01	0.00	0.00	0.01	83.34	ppb
Lead	208-1	0.01	0.00	0.01	0.01	41.46	ppb
Lithium	6-1				110		%
Magnesium	24-2	986.09	960.16	954.62	966.96	1.74	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4Z41L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-28 15:53:11	DataFile Name :	037SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.11	11.56	12.29	12.32	6.30	ppb
Molybdenum	94-1	0.20	0.23	0.25	0.22	11.87	ppb
Molybdenum	95-1	0.30	0.36	0.29	0.32	11.33	ppb
Molybdenum	96-1	0.27	0.34	0.32	0.31	12.19	ppb
Molybdenum	97-1	0.26	0.38	0.27	0.30	22.35	ppb
Molybdenum	98-1	0.31	0.31	0.28	0.30	6.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.34	0.14	0.25	39.07	ppb
Phosphorus	31-2	20.72	20.11	103.40	48.08	99.66	ppb
Potassium	39-2	475.23	445.07	465.89	462.06	3.34	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				79		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	-1.27	-1.27	-0.19	-0.91		ppb
Selenium	82-1	-0.26	-0.14	0.39	0.00		ppb
Silicon	28-1	680.40	691.51	668.88	680.26	1.66	ppb
Silver	109-1	0.07	0.07	0.08	0.07	6.92	ppb
Silver	107-1	0.07	0.08	0.06	0.07	13.02	ppb
Sodium	23-2	2091.36	1995.96	2025.42	2037.58	2.40	ppb
Strontium	86-1	14.60	15.03	14.70	14.78	1.52	ppb
Strontium	88-1	14.72	15.24	14.81	14.93	1.86	ppb
Sulfur	34-1	-820.38	-379.82	-704.00	-634.73		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.04	0.04	0.05	0.04	20.80	ppb
Titanium	47-1	0.22	0.23	0.13	0.19	26.65	ppb
Uranium	238-1	0.20	0.19	0.19	0.20	3.12	ppb
Vanadium	51-2	0.10	0.07	0.04	0.07	43.99	ppb
Yttrium	89-1				105		%
Yttrium	89-2				89		%
Zinc	66-2	1.86	2.14	1.82	1.94	8.99	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4Z41L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-28 15:53:11	DataFile Name :	037SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	-0.01	0.00	-0.01		ppb
Zirconium	91-1	-0.02	0.02	-0.01	0.00		ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-13	Instrumnet Name :	P8
Client Sample ID :	MA4Z41S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:56:31	DataFile Name :	038SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1968.00	2023.91	1995.22	1995.71	1.40	ppb
Antimony	121-1	108.33	103.79	103.38	105.17	2.61	ppb
Arsenic	75-2	43.16	41.92	43.31	42.80	1.79	ppb
Barium	135-1	2143.12	2040.27	2049.45	2077.61	2.74	ppb
Barium	137-1	2134.25	2032.87	2044.81	2070.64	2.68	ppb
Beryllium	9-1	49.39	47.13	46.19	47.57	3.46	ppb
Bismuth	209-1				123		%
Bismuth	209-2				107		%
Boron	10-1	10.00	9.37	9.85	9.74	3.41	ppb
Boron	11-1	9.96	9.90	9.85	9.90	0.56	ppb
Cadmium	111-1	52.50	50.82	49.93	51.08	2.56	ppb
Cadmium	106-1	44.68	45.83	40.30	43.61	6.70	ppb
Cadmium	108-1	47.43	46.73	48.21	47.45	1.57	ppb
Calcium	43-1	30059.08	28221.86	28111.90	28797.61	3.80	ppb
Calcium	44-1	30541.73	28657.96	27663.13	28954.27	5.05	ppb
Chromium	52-2	216.75	222.27	226.19	221.74	2.14	ppb
Cobalt	59-2	567.44	576.62	583.09	575.72	1.37	ppb
Copper	63-2	291.39	298.07	298.62	296.03	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				122		%
Holmium	165-2				106		%
Indium	115-1				114		%
Indium	115-2				92		%
Iron	56-2	2938.52	2988.33	3017.84	2981.56	1.34	ppb
Iron	57-2	2971.06	2970.71	2956.06	2965.94	0.29	ppb
Krypton	83-1						cps
Lead	206-1	20.99	19.94	19.88	20.27	3.09	ppb
Lead	207-1	20.97	20.10	20.00	20.35	2.62	ppb
Lead	208-1	21.04	20.12	19.88	20.35	3.02	ppb
Lithium	6-1				119		%
Magnesium	24-2	4905.65	4947.39	5131.54	4994.86	2.41	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-13	Instrumnet Name :	P8
Client Sample ID :	MA4Z41S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:56:31	DataFile Name :	038SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	608.13	608.29	618.57	611.66	0.98	ppb
Molybdenum	94-1	1.34	1.21	1.15	1.23	8.15	ppb
Molybdenum	95-1	1.69	1.68	1.65	1.67	1.31	ppb
Molybdenum	96-1	1.75	1.59	1.59	1.64	5.50	ppb
Molybdenum	97-1	1.80	1.68	1.61	1.69	5.60	ppb
Molybdenum	98-1	1.81	1.62	1.71	1.71	5.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	575.17	586.22	593.20	584.86	1.55	ppb
Phosphorus	31-2	-7.52	48.37	105.46	48.77	115.84	ppb
Potassium	39-2	2401.26	2414.30	2435.59	2417.05	0.72	ppb
Rhodium	103-1				111		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				80		%
Selenium	77-2	108.56	84.54	166.08	119.72	35.00	ppb
Selenium	78-2	160.52	189.99	158.44	169.65	10.40	ppb
Selenium	82-1	160.39	150.87	152.34	154.53	3.32	ppb
Silicon	28-1	3754.55	3480.39	3427.24	3554.06	4.94	ppb
Silver	109-1	52.77	50.65	50.65	51.36	2.38	ppb
Silver	107-1	52.12	50.45	50.03	50.87	2.17	ppb
Sodium	23-2	10454.64	10726.70	10739.21	10640.18	1.51	ppb
Strontium	86-1	80.66	76.03	76.68	77.79	3.23	ppb
Strontium	88-1	84.77	79.52	80.57	81.62	3.41	ppb
Sulfur	34-1	437.73	-638.81	-962.17	-387.75		ppb
Terbium	159-1				120		%
Terbium	159-2				106		%
Thallium	203-1	52.14	50.45	50.02	50.87	2.20	ppb
Thallium	205-1	53.16	51.53	50.75	51.81	2.37	ppb
Tin	118-1	0.26	0.25	0.28	0.26	5.90	ppb
Titanium	47-1	1.21	1.04	1.50	1.25	18.60	ppb
Uranium	238-1	1.10	1.08	1.06	1.08	1.72	ppb
Vanadium	51-2	536.69	547.20	555.16	546.35	1.70	ppb
Yttrium	89-1				110		%
Yttrium	89-2				89		%
Zinc	66-2	594.26	587.55	598.62	593.48	0.94	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-13	Instrumnet Name :	P8
Client Sample ID :	MA4Z41S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:56:31	DataFile Name :	038SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.04	0.04	20.72	ppb
Zirconium	91-1	0.05	0.01	0.06	0.04	58.39	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-14	Instrumnet Name :	P8
Client Sample ID :	MA4Z42	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:59:50	DataFile Name :	039SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	193.30	202.21	190.02	195.18	3.23	ppb
Antimony	121-1	2.37	2.31	2.26	2.31	2.37	ppb
Arsenic	75-2	5.42	5.38	5.14	5.31	2.83	ppb
Barium	135-1	1.86	1.83	1.98	1.89	4.21	ppb
Barium	137-1	1.84	1.77	1.72	1.78	3.42	ppb
Beryllium	9-1	0.03	0.00	0.00	0.01	234.08	ppb
Bismuth	209-1				124		%
Bismuth	209-2				108		%
Boron	10-1	12.11	10.75	11.35	11.40	6.00	ppb
Boron	11-1	11.40	10.38	11.64	11.14	6.01	ppb
Cadmium	111-1	-0.16	-0.12	-0.12	-0.13		ppb
Cadmium	106-1	-2.10	-1.69	-1.65	-1.81		ppb
Cadmium	108-1	-0.01	-0.09	0.08	-0.01		ppb
Calcium	43-1	29298.68	29186.20	29473.92	29319.60	0.49	ppb
Calcium	44-1	29460.21	29708.30	29808.10	29658.87	0.60	ppb
Chromium	52-2	0.90	1.10	1.13	1.04	12.05	ppb
Cobalt	59-2	0.32	0.43	0.34	0.36	15.03	ppb
Copper	63-2	1.50	1.35	1.45	1.43	5.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				108		%
Indium	115-1				116		%
Indium	115-2				93		%
Iron	56-2	5468.48	5680.91	5446.98	5532.12	2.34	ppb
Iron	57-2	5176.82	5429.94	5292.37	5299.71	2.39	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.12	0.13	0.13	3.75	ppb
Lead	207-1	0.11	0.10	0.12	0.11	10.00	ppb
Lead	208-1	0.12	0.11	0.13	0.12	5.61	ppb
Lithium	6-1				120		%
Magnesium	24-2	7082.27	7364.14	7039.54	7161.98	2.46	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-14	Instrumnet Name :	P8
Client Sample ID :	MA4Z42	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:59:50	DataFile Name :	039SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	59.63	59.69	58.12	59.14	1.50	ppb
Molybdenum	94-1	0.95	0.83	0.88	0.89	6.73	ppb
Molybdenum	95-1	1.16	1.24	1.19	1.19	3.35	ppb
Molybdenum	96-1	1.24	1.23	1.22	1.23	0.80	ppb
Molybdenum	97-1	1.15	1.10	1.27	1.18	7.26	ppb
Molybdenum	98-1	1.24	1.23	1.14	1.20	4.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.85	2.09	1.78	1.91	8.42	ppb
Phosphorus	31-2	261.72	303.63	263.53	276.29	8.57	ppb
Potassium	39-2	2550.15	2576.17	2604.56	2576.96	1.06	ppb
Rhodium	103-1				113		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				81		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	1.88	-1.27	0.81	0.47	337.13	ppb
Selenium	82-1	0.35	0.56	0.81	0.57	39.78	ppb
Silicon	28-1	4534.32	4532.78	4598.38	4555.16	0.82	ppb
Silver	109-1	0.10	0.11	0.11	0.11	6.70	ppb
Silver	107-1	0.10	0.10	0.10	0.10	1.68	ppb
Sodium	23-2	17461.08	18170.49	17410.91	17680.83	2.40	ppb
Strontium	86-1	92.18	90.19	91.01	91.13	1.10	ppb
Strontium	88-1	96.66	94.78	95.64	95.69	0.98	ppb
Sulfur	34-1	-703.09	-504.50	-290.46	-499.35		ppb
Terbium	159-1				123		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.01	0.01	0.02	65.68	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	18.85	ppb
Tin	118-1	0.18	0.20	0.20	0.19	7.90	ppb
Titanium	47-1	5.28	5.60	5.26	5.38	3.52	ppb
Uranium	238-1	7.58	7.44	7.51	7.51	0.94	ppb
Vanadium	51-2	3.02	3.17	3.04	3.08	2.64	ppb
Yttrium	89-1				112		%
Yttrium	89-2				90		%
Zinc	66-2	10.80	8.65	9.01	9.49	12.15	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-14	Instrumnet Name :	P8
Client Sample ID :	MA4Z42	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:59:50	DataFile Name :	039SMPL_P8072818- M1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.03	0.03	7.65	ppb
Zirconium	91-1	0.03	0.04	0.01	0.03	52.86	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-15	Instrumnet Name :	P8
Client Sample ID :	MA4Z43	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:03:10	DataFile Name :	040SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	150.89	138.76	176.85	155.50	12.51	ppb
Antimony	121-1	1.92	1.90	1.90	1.91	0.67	ppb
Arsenic	75-2	3.59	3.55	3.87	3.67	4.78	ppb
Barium	135-1	1.78	1.87	1.82	1.82	2.31	ppb
Barium	137-1	1.80	1.93	1.87	1.87	3.39	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00		ppb
Bismuth	209-1				126		%
Bismuth	209-2				108		%
Boron	10-1	12.53	10.46	10.62	11.20	10.28	ppb
Boron	11-1	11.63	12.18	11.76	11.86	2.40	ppb
Cadmium	111-1	-0.14	-0.16	-0.13	-0.14		ppb
Cadmium	106-1	-2.08	-2.32	-1.92	-2.10		ppb
Cadmium	108-1	-0.04	-0.06	-0.15	-0.08		ppb
Calcium	43-1	15121.74	15316.23	15619.93	15352.63	1.64	ppb
Calcium	44-1	15422.24	15537.04	15954.69	15637.99	1.79	ppb
Chromium	52-2	0.73	0.77	0.83	0.78	6.43	ppb
Cobalt	59-2	0.50	0.50	0.54	0.51	3.81	ppb
Copper	63-2	1.02	1.13	1.01	1.05	6.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				126		%
Holmium	165-2				107		%
Indium	115-1				116		%
Indium	115-2				94		%
Iron	56-2	2873.78	3023.68	3063.24	2986.90	3.35	ppb
Iron	57-2	2932.22	2971.28	3110.76	3004.75	3.12	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.11	0.10	0.10	5.34	ppb
Lead	207-1	0.10	0.11	0.10	0.10	6.93	ppb
Lead	208-1	0.10	0.11	0.11	0.11	0.69	ppb
Lithium	6-1				120		%
Magnesium	24-2	5230.54	5523.77	5545.00	5433.10	3.23	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-15	Instrumnet Name :	P8
Client Sample ID :	MA4Z43	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:03:10	DataFile Name :	040SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	35.28	36.21	39.47	36.99	5.94	ppb
Molybdenum	94-1	2.18	2.05	2.12	2.11	3.18	ppb
Molybdenum	95-1	2.92	2.78	2.92	2.87	2.73	ppb
Molybdenum	96-1	2.66	2.92	2.87	2.82	4.85	ppb
Molybdenum	97-1	2.89	2.82	2.82	2.84	1.34	ppb
Molybdenum	98-1	2.83	2.94	2.91	2.89	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.48	2.64	2.78	2.63	5.57	ppb
Phosphorus	31-2	72.33	20.76	21.13	38.07	77.92	ppb
Potassium	39-2	2031.86	2159.30	2159.74	2116.97	3.48	ppb
Rhodium	103-1				113		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				80		%
Selenium	77-2	-1.97	4.65	-1.97	0.24	1602.55	ppb
Selenium	78-2	-0.24	-0.21	-0.20	-0.22		ppb
Selenium	82-1	0.83	1.16	1.04	1.01	16.81	ppb
Silicon	28-1	4474.11	4577.84	4563.70	4538.55	1.24	ppb
Silver	109-1	0.07	0.07	0.08	0.08	6.78	ppb
Silver	107-1	0.07	0.09	0.08	0.08	13.58	ppb
Sodium	23-2	20976.08	22089.06	22384.12	21816.42	3.40	ppb
Strontium	86-1	56.10	56.72	56.67	56.50	0.61	ppb
Strontium	88-1	56.35	57.81	57.24	57.13	1.28	ppb
Sulfur	34-1	-1075.79	-898.82	-611.50	-862.04		ppb
Terbium	159-1				123		%
Terbium	159-2				107		%
Thallium	203-1	0.00	0.00	0.00	0.00	189.67	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	124.16	ppb
Tin	118-1	0.15	0.16	0.13	0.15	8.84	ppb
Titanium	47-1	1.85	2.25	2.28	2.13	11.26	ppb
Uranium	238-1	1.31	1.34	1.37	1.34	2.37	ppb
Vanadium	51-2	0.35	0.35	0.40	0.36	7.92	ppb
Yttrium	89-1				113		%
Yttrium	89-2				90		%
Zinc	66-2	8.68	10.03	10.54	9.75	9.86	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-15	Instrumnet Name :	P8
Client Sample ID :	MA4Z43	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:03:10	DataFile Name :	040SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.02	0.03	16.50	ppb
Zirconium	91-1	0.01	0.06	0.07	0.05	62.47	ppb

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : J3972-01 Instrumnet Name : P8
 Client Sample ID : MA4Z31 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 16:06:30 DataFile Name : 041SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	616.42	624.94	607.65	616.34	1.40	ppb
Antimony	121-1	5.27	5.10	5.24	5.20	1.76	ppb
Arsenic	75-2	2.73	2.81	2.54	2.69	5.07	ppb
Barium	135-1	28.94	28.37	28.60	28.64	1.01	ppb
Barium	137-1	29.84	29.88	29.02	29.58	1.65	ppb
Beryllium	9-1	10.81	10.48	11.00	10.76	2.47	ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Boron	10-1	2.30	0.93	1.28	1.50	47.34	ppb
Boron	11-1	1.76	1.74	1.57	1.69	6.16	ppb
Cadmium	111-1	-0.02	-0.08	-0.11	-0.07		ppb
Cadmium	106-1	-0.21	-1.07	-1.53	-0.93		ppb
Cadmium	108-1	-0.12	-0.02	-0.06	-0.07		ppb
Calcium	43-1	428.86	410.53	410.57	416.65	2.54	ppb
Calcium	44-1	419.45	406.78	409.96	412.06	1.60	ppb
Chromium	52-2	10.42	10.32	10.09	10.28	1.65	ppb
Cobalt	59-2	4.17	4.15	4.15	4.16	0.22	ppb
Copper	63-2	9.86	9.96	9.95	9.92	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				89		%
Iron	56-2	798.35	796.81	806.58	800.58	0.66	ppb
Iron	57-2	816.20	862.00	838.16	838.79	2.73	ppb
Krypton	83-1						cps
Lead	206-1	2.87	2.88	2.95	2.90	1.44	ppb
Lead	207-1	2.87	2.88	2.76	2.84	2.22	ppb
Lead	208-1	2.85	2.85	2.83	2.84	0.47	ppb
Lithium	6-1				107		%
Magnesium	24-2	259.97	281.01	242.98	261.32	7.29	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-01	Instrumnet Name :	P8
Client Sample ID :	MA4Z31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:06:30	DataFile Name :	041SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.92	2.87	2.74	2.85	3.26	ppb
Molybdenum	94-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	-0.03	-0.03	-0.02	-0.03		ppb
Molybdenum	96-1	0.01	-0.01	-0.01	0.00		ppb
Molybdenum	97-1	-0.05	-0.02	-0.02	-0.03		ppb
Molybdenum	98-1	-0.03	-0.03	-0.02	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.16	3.69	4.18	4.01	6.98	ppb
Phosphorus	31-2	20.81	20.90	21.15	20.95	0.84	ppb
Potassium	39-2	459.26	522.20	513.55	498.34	6.85	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				78		%
Selenium	77-2	-1.97	11.51	32.68	14.07	124.09	ppb
Selenium	78-2	8.77	10.62	17.64	12.34	37.90	ppb
Selenium	82-1	15.60	15.06	15.20	15.29	1.81	ppb
Silicon	28-1	-13.59	-15.45	-14.75	-14.60		ppb
Silver	109-1	4.88	5.14	4.91	4.97	2.85	ppb
Silver	107-1	4.88	4.93	4.79	4.87	1.44	ppb
Sodium	23-2	480.36	462.67	482.10	475.04	2.26	ppb
Strontium	86-1	0.05	0.11	0.01	0.06	85.01	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	16.98	ppb
Sulfur	34-1	-1001.41	-1417.36	-1328.14	-1248.97		ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	5.85	5.79	5.74	5.80	0.98	ppb
Thallium	205-1	5.91	5.72	5.87	5.83	1.69	ppb
Tin	118-1	0.01	0.04	0.01	0.02	64.62	ppb
Titanium	47-1	0.01	0.12	0.02	0.05	119.18	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	7.11	6.97	7.21	7.10	1.74	ppb
Yttrium	89-1				103		%
Yttrium	89-2				86		%
Zinc	66-2	11.50	10.35	10.89	10.91	5.24	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-01	Instrumnet Name :	P8
Client Sample ID :	MA4Z31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:06:30	DataFile Name :	041SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	0.02	0.03	0.02	83.23	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-08DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z38DL	Dilution Factor :	2
Date & Time Acquired ::	2018-07-28 16:14:32	DataFile Name :	042SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	149.13	131.56	148.17	142.95	6.91	ppb
Antimony	121-1	0.60	0.62	0.64	0.62	3.20	ppb
Arsenic	75-2	2.53	2.77	2.82	2.71	5.72	ppb
Barium	135-1	2.05	2.02	1.96	2.01	2.24	ppb
Barium	137-1	1.98	2.05	2.03	2.02	1.68	ppb
Beryllium	9-1	0.00	0.00	-0.01	-0.01		ppb
Bismuth	209-1				117		%
Bismuth	209-2				102		%
Boron	10-1	5.30	5.41	6.53	5.75	11.87	ppb
Boron	11-1	5.85	5.56	5.70	5.70	2.54	ppb
Cadmium	111-1	-0.12	-0.17	-0.15	-0.14		ppb
Cadmium	106-1	-1.71	-2.34	-2.08	-2.04		ppb
Cadmium	108-1	-0.09	-0.03	-0.12	-0.08		ppb
Calcium	43-1	23735.92	23726.92	23665.99	23709.61	0.16	ppb
Calcium	44-1	23610.68	23867.66	23974.67	23817.67	0.79	ppb
Chromium	52-2	5.68	5.06	4.92	5.22	7.70	ppb
Cobalt	59-2	0.20	0.17	0.22	0.20	12.00	ppb
Copper	63-2	0.81	0.85	0.74	0.80	6.47	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				117		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				90		%
Iron	56-2	5153.12	4787.29	4720.48	4886.96	4.77	ppb
Iron	57-2	4907.67	4591.59	4588.14	4695.80	3.91	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.94	0.97	0.96	2.15	ppb
Lead	207-1	0.75	0.81	0.75	0.77	4.72	ppb
Lead	208-1	0.85	0.85	0.84	0.85	0.67	ppb
Lithium	6-1				111		%
Magnesium	24-2	3393.32	3200.92	3171.54	3255.26	3.70	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-08DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z38DL	Dilution Factor :	2
Date & Time Acquired ::	2018-07-28 16:14:32	DataFile Name :	042SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	40.24	37.08	37.34	38.22	4.59	ppb
Molybdenum	94-1	0.45	0.46	0.44	0.45	1.77	ppb
Molybdenum	95-1	0.27	0.29	0.33	0.30	9.68	ppb
Molybdenum	96-1	0.35	0.39	0.31	0.35	11.32	ppb
Molybdenum	97-1	0.33	0.22	0.29	0.28	20.60	ppb
Molybdenum	98-1	0.26	0.29	0.33	0.29	12.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.55	0.65	0.58	9.74	ppb
Phosphorus	31-2	51.43	75.25	102.41	76.36	33.41	ppb
Potassium	39-2	1416.57	1251.32	1311.95	1326.61	6.30	ppb
Rhodium	103-1				108		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				79		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	0.99	0.88	-1.27	0.20	631.89	ppb
Selenium	82-1	1.05	-0.31	0.23	0.32	213.16	ppb
Silicon	28-1	2445.25	2445.69	2434.71	2441.88	0.25	ppb
Silver	109-1	0.06	0.06	0.06	0.06	7.98	ppb
Silver	107-1	0.04	0.06	0.06	0.06	17.41	ppb
Sodium	23-2	4347.33	4013.01	3956.73	4105.69	5.14	ppb
Strontium	86-1	63.86	63.15	62.76	63.25	0.88	ppb
Strontium	88-1	64.00	63.73	64.19	63.97	0.36	ppb
Sulfur	34-1	-313.16	-208.68	-274.80	-265.55		ppb
Terbium	159-1				115		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.00	0.01	0.00	83.96	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	428.26	ppb
Tin	118-1	0.05	0.04	0.05	0.05	17.98	ppb
Titanium	47-1	7.31	7.23	6.90	7.15	3.08	ppb
Uranium	238-1	3.44	3.44	3.50	3.46	0.91	ppb
Vanadium	51-2	2.25	2.08	2.02	2.12	5.67	ppb
Yttrium	89-1				107		%
Yttrium	89-2				87		%
Zinc	66-2	7.21	6.62	6.66	6.83	4.81	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-08DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z38DL	Dilution Factor :	2
Date & Time Acquired ::	2018-07-28 16:14:32	DataFile Name :	042SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.15	0.17	0.15	9.08	ppb
Zirconium	91-1	0.14	0.14	0.20	0.16	20.44	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z39DL	Dilution Factor :	2
Date & Time Acquired ::	2018-07-28 16:17:52	DataFile Name :	043SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	130.17	136.22	142.10	136.16	4.38	ppb
Antimony	121-1	0.60	0.57	0.59	0.58	2.39	ppb
Arsenic	75-2	2.05	2.55	2.78	2.46	14.98	ppb
Barium	135-1	1.82	1.86	1.78	1.82	2.16	ppb
Barium	137-1	1.95	1.84	1.88	1.89	2.83	ppb
Beryllium	9-1	0.02	0.03	-0.01	0.01	137.99	ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Boron	10-1	5.24	4.61	6.22	5.36	15.21	ppb
Boron	11-1	5.50	5.36	6.00	5.62	5.99	ppb
Cadmium	111-1	-0.13	-0.08	-0.07	-0.09		ppb
Cadmium	106-1	-1.89	-1.15	-0.97	-1.34		ppb
Cadmium	108-1	-0.12	-0.06	-0.15	-0.11		ppb
Calcium	43-1	23528.73	23491.31	23496.49	23505.51	0.09	ppb
Calcium	44-1	23704.45	23687.57	23725.22	23705.75	0.08	ppb
Chromium	52-2	4.70	5.31	5.04	5.02	6.09	ppb
Cobalt	59-2	0.17	0.21	0.18	0.19	8.58	ppb
Copper	63-2	0.70	0.88	0.85	0.81	12.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				89		%
Iron	56-2	4243.61	4686.68	4508.89	4479.73	4.98	ppb
Iron	57-2	4135.88	4542.31	4325.70	4334.63	4.69	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.90	0.90	0.89	1.20	ppb
Lead	207-1	0.75	0.73	0.79	0.75	3.80	ppb
Lead	208-1	0.81	0.78	0.80	0.80	1.87	ppb
Lithium	6-1				109		%
Magnesium	24-2	3119.80	3404.42	3330.39	3284.87	4.50	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z39DL	Dilution Factor :	2
Date & Time Acquired ::	2018-07-28 16:17:52	DataFile Name :	043SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	35.69	39.81	38.25	37.92	5.49	ppb
Molybdenum	94-1	0.45	0.46	0.46	0.46	0.75	ppb
Molybdenum	95-1	0.23	0.33	0.31	0.29	17.71	ppb
Molybdenum	96-1	0.34	0.35	0.31	0.34	6.39	ppb
Molybdenum	97-1	0.27	0.33	0.22	0.27	21.22	ppb
Molybdenum	98-1	0.30	0.29	0.31	0.30	4.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.37	0.43	0.51	0.44	15.84	ppb
Phosphorus	31-2	129.02	113.12	21.43	87.86	66.10	ppb
Potassium	39-2	1223.20	1379.61	1314.20	1305.67	6.02	ppb
Rhodium	103-1				107		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				77		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	-1.27	-1.27	-1.27	-1.27		ppb
Selenium	82-1	1.22	1.42	0.65	1.10	36.52	ppb
Silicon	28-1	2391.68	2384.20	2377.75	2384.54	0.29	ppb
Silver	109-1	0.04	0.06	0.05	0.05	14.40	ppb
Silver	107-1	0.05	0.05	0.06	0.05	13.43	ppb
Sodium	23-2	3876.79	4267.95	4087.51	4077.42	4.80	ppb
Strontium	86-1	61.32	62.38	61.75	61.82	0.86	ppb
Strontium	88-1	63.39	63.83	63.01	63.41	0.65	ppb
Sulfur	34-1	-429.24	-361.84	-290.90	-360.66		ppb
Terbium	159-1				114		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.06	0.07	0.05	0.06	22.38	ppb
Titanium	47-1	6.68	6.42	6.41	6.50	2.29	ppb
Uranium	238-1	3.49	3.49	3.50	3.49	0.13	ppb
Vanadium	51-2	2.00	2.03	2.21	2.08	5.37	ppb
Yttrium	89-1				106		%
Yttrium	89-2				87		%
Zinc	66-2	7.33	8.47	8.94	8.24	10.02	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z39DL	Dilution Factor :	2
Date & Time Acquired ::	2018-07-28 16:17:52	DataFile Name :	043SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.16	0.16	0.16	4.93	ppb
Zirconium	91-1	0.20	0.19	0.18	0.19	3.92	ppb

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : J3972-15DLX2 Instrumnet Name : P8
 Client Sample ID : MA4Z43DL Dilution Factor : 2
 Date & Time Acquired :: 2018-07-28 16:21:12 DataFile Name : 044SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77.77	83.20	79.29	80.09	3.50	ppb
Antimony	121-1	0.92	0.95	1.02	0.96	5.63	ppb
Arsenic	75-2	1.79	1.43	2.08	1.77	18.39	ppb
Barium	135-1	0.82	1.01	0.94	0.92	10.46	ppb
Barium	137-1	1.04	1.02	0.97	1.01	3.53	ppb
Beryllium	9-1	-0.02	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				117		%
Bismuth	209-2				103		%
Boron	10-1	6.22	5.27	5.05	5.51	11.27	ppb
Boron	11-1	6.17	6.46	6.96	6.53	6.10	ppb
Cadmium	111-1	-0.21	-0.09	-0.08	-0.12		ppb
Cadmium	106-1	-2.90	-1.16	-1.06	-1.71		ppb
Cadmium	108-1	-0.03	-0.09	-0.06	-0.06		ppb
Calcium	43-1	7896.71	7756.90	7771.36	7808.32	0.98	ppb
Calcium	44-1	8077.22	8073.60	7852.05	8000.96	1.61	ppb
Chromium	52-2	0.26	0.41	0.26	0.31	27.24	ppb
Cobalt	59-2	0.27	0.25	0.26	0.26	4.39	ppb
Copper	63-2	0.44	0.51	0.52	0.49	9.17	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				117		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				90		%
Iron	56-2	1473.99	1522.60	1473.22	1489.94	1.90	ppb
Iron	57-2	1461.71	1498.44	1488.16	1482.77	1.28	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.05	0.05	8.15	ppb
Lead	207-1	0.03	0.05	0.03	0.04	34.88	ppb
Lead	208-1	0.04	0.05	0.05	0.05	10.98	ppb
Lithium	6-1				110		%
Magnesium	24-2	2651.64	2817.27	2679.99	2716.30	3.26	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-15DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z43DL	Dilution Factor :	2
Date & Time Acquired ::	2018-07-28 16:21:12	DataFile Name :	044SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	18.46	19.75	18.04	18.75	4.76	ppb
Molybdenum	94-1	0.83	1.03	1.02	0.96	11.58	ppb
Molybdenum	95-1	1.48	1.48	1.60	1.52	4.68	ppb
Molybdenum	96-1	1.40	1.36	1.44	1.40	2.85	ppb
Molybdenum	97-1	1.43	1.40	1.36	1.40	2.49	ppb
Molybdenum	98-1	1.48	1.42	1.36	1.42	4.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.41	1.15	1.41	1.32	11.48	ppb
Phosphorus	31-2	20.53	-7.52	-7.52	1.83	884.84	ppb
Potassium	39-2	1116.96	1099.33	1056.32	1090.87	2.86	ppb
Rhodium	103-1				108		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				78		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	-0.19	-1.27	-1.27	-0.91		ppb
Selenium	82-1	0.35	-0.24	0.13	0.08	381.86	ppb
Silicon	28-1	2319.10	2338.94	2283.82	2313.96	1.21	ppb
Silver	109-1	0.05	0.05	0.06	0.05	7.54	ppb
Silver	107-1	0.05	0.05	0.06	0.05	14.48	ppb
Sodium	23-2	10435.99	10854.59	10440.81	10577.13	2.27	ppb
Strontium	86-1	28.15	28.20	28.06	28.14	0.26	ppb
Strontium	88-1	28.50	28.45	28.39	28.45	0.20	ppb
Sulfur	34-1	-462.81	-568.92	-783.51	-605.08		ppb
Terbium	159-1				116		%
Terbium	159-2				102		%
Thallium	203-1	0.00	-0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.06	0.04	0.07	0.06	23.14	ppb
Titanium	47-1	1.45	1.03	1.25	1.24	16.81	ppb
Uranium	238-1	0.65	0.64	0.64	0.64	0.45	ppb
Vanadium	51-2	0.26	0.27	0.26	0.27	3.24	ppb
Yttrium	89-1				107		%
Yttrium	89-2				87		%
Zinc	66-2	4.15	4.50	4.41	4.35	4.23	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-15DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z43DL	Dilution Factor :	2
Date & Time Acquired ::	2018-07-28 16:21:12	DataFile Name :	044SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.02	0.02	25.49	ppb
Zirconium	91-1	0.00	-0.01	0.05	0.01	249.46	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:25:21	DataFile Name :	045CCV_P8072818- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51392.22	51096.57	51785.68	51424.82	0.67	ppb
Antimony	121-1	482.09	525.48	497.10	501.56	4.39	ppb
Arsenic	75-2	503.24	502.43	507.50	504.39	0.54	ppb
Barium	135-1	2458.72	2659.27	2489.91	2535.97	4.26	ppb
Barium	137-1	2468.79	2628.98	2484.31	2527.36	3.50	ppb
Beryllium	9-1	488.87	513.94	481.29	494.70	3.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	463.19	493.33	481.88	479.47	3.17	ppb
Boron	11-1	454.11	499.03	478.39	477.18	4.71	ppb
Cadmium	111-1	470.46	508.59	478.43	485.83	4.14	ppb
Cadmium	106-1	481.05	525.56	481.56	496.06	5.15	ppb
Cadmium	108-1	470.49	513.77	488.00	490.75	4.44	ppb
Calcium	43-1	240669.54	259100.25	243350.18	247706.66	4.02	ppb
Calcium	44-1	240544.96	254018.86	242593.65	245719.16	2.95	ppb
Chromium	52-2	529.34	532.66	533.07	531.69	0.38	ppb
Cobalt	59-2	519.45	519.12	518.18	518.92	0.13	ppb
Copper	63-2	1008.54	1012.03	1015.16	1011.91	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				107		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				87		%
Iron	56-2	133568.08	134235.59	134049.05	133950.91	0.26	ppb
Iron	57-2	133186.42	131539.21	133744.96	132823.53	0.86	ppb
Krypton	83-1						cps
Lead	206-1	512.47	550.38	521.17	528.01	3.76	ppb
Lead	207-1	510.06	546.66	528.95	528.56	3.46	ppb
Lead	208-1	508.22	545.04	522.02	525.10	3.54	ppb
Lithium	6-1				101		%
Magnesium	24-2	259853.60	255660.52	256672.94	257395.69	0.85	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:25:21	DataFile Name :	045CCV_P8072818- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1028.63	1028.58	1028.98	1028.73	0.02	ppb
Molybdenum	94-1	2520.71	2735.64	2588.81	2615.05	4.20	ppb
Molybdenum	95-1	2522.36	2679.32	2548.91	2583.53	3.25	ppb
Molybdenum	96-1	2525.73	2721.51	2567.83	2605.02	3.96	ppb
Molybdenum	97-1	2518.82	2739.79	2607.08	2621.90	4.24	ppb
Molybdenum	98-1	2523.00	2684.24	2563.36	2590.20	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.54	523.59	527.13	525.42	0.34	ppb
Phosphorus	31-2	10869.84	9601.03	10415.78	10295.55	6.24	ppb
Potassium	39-2	128121.72	126924.40	130377.61	128474.57	1.36	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				80		%
Selenium	77-2	513.46	427.19	626.36	522.34	19.12	ppb
Selenium	78-2	520.31	485.45	502.06	502.61	3.47	ppb
Selenium	82-1	484.42	522.19	496.02	500.88	3.86	ppb
Silicon	28-1	504.66	561.20	525.91	530.59	5.38	ppb
Silver	109-1	481.22	517.67	488.19	495.69	3.90	ppb
Silver	107-1	480.03	524.78	490.14	498.32	4.71	ppb
Sodium	23-2	259026.09	259777.28	259413.76	259405.71	0.14	ppb
Strontium	86-1	488.75	525.66	500.28	504.90	3.74	ppb
Strontium	88-1	494.46	542.41	509.95	515.61	4.75	ppb
Sulfur	34-1	9709.22	11360.07	9796.75	10288.68	9.03	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	507.73	543.04	518.10	522.96	3.47	ppb
Thallium	205-1	500.51	534.74	514.28	516.51	3.33	ppb
Tin	118-1	493.92	528.47	501.58	507.99	3.57	ppb
Titanium	47-1	2503.41	2701.33	2534.76	2579.83	4.12	ppb
Uranium	238-1	517.87	545.68	525.15	529.57	2.72	ppb
Vanadium	51-2	514.65	520.52	524.42	519.87	0.95	ppb
Yttrium	89-1				99		%
Yttrium	89-2				87		%
Zinc	66-2	1020.76	1021.75	1026.73	1023.08	0.31	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:25:21	DataFile Name :	045CCV_P8072818- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	506.83	544.04	509.46	520.11	3.99	ppb
Zirconium	91-1	490.79	530.20	498.01	506.33	4.14	ppb

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : CCB66 Instrumnet Name : P8
 Client Sample ID : CCB66 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 16:30:06 DataFile Name : 046CCBE_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.22	-2.23	0.99	-1.15		ppb
Antimony	121-1	0.62	0.66	0.59	0.63	5.85	ppb
Arsenic	75-2	-0.06	-0.04	-0.04	-0.05		ppb
Barium	135-1	0.03	-0.01	-0.02	0.00	1192.13	ppb
Barium	137-1	0.01	0.01	0.00	0.00	60.61	ppb
Beryllium	9-1	0.13	0.09	0.09	0.10	23.14	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	8.19	8.19	7.94	8.11	1.80	ppb
Boron	11-1	9.32	8.54	7.59	8.48	10.20	ppb
Cadmium	111-1	-0.08	-0.06	-0.05	-0.06		ppb
Cadmium	106-1	-1.40	-1.12	-0.96	-1.16		ppb
Cadmium	108-1	0.01	-0.02	-0.05	-0.02		ppb
Calcium	43-1	-6.05	5.67	3.80	1.14	552.70	ppb
Calcium	44-1	-3.19	-1.69	-5.58	-3.49		ppb
Chromium	52-2	-0.11	-0.04	-0.06	-0.07		ppb
Cobalt	59-2	-0.03	-0.03	-0.02	-0.03		ppb
Copper	63-2	0.15	0.09	0.12	0.12	22.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				91		%
Iron	56-2	2.54	2.79	2.23	2.52	11.15	ppb
Iron	57-2	4.02	-0.18	5.29	3.04	94.20	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.01	0.02	32.06	ppb
Lead	207-1	0.01	0.01	0.02	0.01	11.63	ppb
Lead	208-1	0.01	0.02	0.01	0.01	28.68	ppb
Lithium	6-1				105		%
Magnesium	24-2	-0.73	-0.46	-4.41	-1.87		ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:30:06	DataFile Name :	046CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	-0.14	-0.12	-0.07		ppb
Molybdenum	94-1	0.59	0.71	0.51	0.60	17.13	ppb
Molybdenum	95-1	0.64	0.57	0.49	0.56	13.26	ppb
Molybdenum	96-1	0.54	0.61	0.55	0.57	6.52	ppb
Molybdenum	97-1	0.59	0.59	0.45	0.54	14.63	ppb
Molybdenum	98-1	0.53	0.58	0.48	0.53	8.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.10	-0.01	-0.07		ppb
Phosphorus	31-2	-7.52	-7.52	-7.52	-7.52		ppb
Potassium	39-2	9.09	2.04	25.88	12.34	99.28	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				81		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	-0.20	-1.27	0.88	-0.20		ppb
Selenium	82-1	-0.55	0.33	-0.16	-0.13		ppb
Silicon	28-1	-15.30	-10.02	-14.81	-13.38		ppb
Silver	109-1	0.03	0.04	0.05	0.04	17.95	ppb
Silver	107-1	0.04	0.03	0.04	0.03	6.71	ppb
Sodium	23-2	22.11	26.25	26.13	24.83	9.50	ppb
Strontium	86-1	0.00	0.01	0.02	0.01	134.69	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	68.39	ppb
Sulfur	34-1	-1059.60	-304.07	-963.15	-775.60		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.05	0.08	0.06	28.98	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	6.26	ppb
Tin	118-1	0.25	0.72	0.18	0.38	76.54	ppb
Titanium	47-1	0.12	0.01	0.04	0.06	96.06	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	15.75	ppb
Yttrium	89-1				101		%
Yttrium	89-2				89		%
Zinc	66-2	0.16	0.16	0.24	0.19	26.27	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:30:06	DataFile Name :	046CCBE_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.15	0.13	0.14	9.56	ppb
Zirconium	91-1	0.12	0.12	0.16	0.13	16.66	ppb

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : PBW01 Instrumnet Name : P8
 Client Sample ID : PBW01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 16:54:31 DataFile Name : 047CCBE_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.24	-0.02	1.83	0.19	804.28	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	13.58	ppb
Arsenic	75-2	-0.04	-0.06	-0.09	-0.06		ppb
Barium	135-1	-0.02	-0.02	-0.04	-0.03		ppb
Barium	137-1	-0.01	-0.01	-0.03	-0.02		ppb
Beryllium	9-1	-0.02	-0.02	-0.01	-0.01		ppb
Bismuth	209-1				119		%
Bismuth	209-2				107		%
Boron	10-1	0.95	1.11	1.31	1.12	16.05	ppb
Boron	11-1	1.57	1.35	1.48	1.47	7.62	ppb
Cadmium	111-1	-0.14	-0.10	-0.10	-0.11		ppb
Cadmium	106-1	-1.85	-1.40	-1.26	-1.50		ppb
Cadmium	108-1	-0.06	-0.06	-0.03	-0.05		ppb
Calcium	43-1	3.77	1.02	-8.65	-1.29		ppb
Calcium	44-1	-9.46	-10.09	-9.12	-9.56		ppb
Chromium	52-2	-0.09	-0.16	-0.10	-0.12		ppb
Cobalt	59-2	-0.01	-0.03	-0.03	-0.02		ppb
Copper	63-2	-0.01	0.00	0.06	0.02	212.04	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				118		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				97		%
Iron	56-2	2.81	0.77	0.49	1.36	93.17	ppb
Iron	57-2	4.38	0.93	2.34	2.55	68.08	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.00	0.00	162.18	ppb
Lead	207-1	-0.01	0.00	0.00	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				116		%
Magnesium	24-2	-2.38	-1.96	-0.38	-1.58		ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PBW01	Instrumnet Name :	P8
Client Sample ID :	PBW01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:54:31	DataFile Name :	047CCBE_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.09	-0.09	-0.05		ppb
Molybdenum	94-1	0.00	0.03	-0.05	0.00		ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	88.93	ppb
Molybdenum	97-1	0.01	-0.03	-0.04	-0.02		ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	19.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.20	-0.13	-0.05	-0.12		ppb
Phosphorus	31-2	46.05	-7.52	-7.52	10.34	299.22	ppb
Potassium	39-2	6.89	-6.40	-2.50	-0.67		ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				87		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	-1.27	-1.27	-1.27	-1.27		ppb
Selenium	82-1	0.28	0.67	0.04	0.33	95.06	ppb
Silicon	28-1	-21.41	-19.51	-20.05	-20.32		ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.39	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.09	ppb
Sodium	23-2	1.78	-3.52	-4.36	-2.03		ppb
Strontium	86-1	0.04	0.00	-0.01	0.01	261.89	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	66.72	ppb
Sulfur	34-1	-1348.48	-907.00	-1165.59	-1140.36		ppb
Terbium	159-1				117		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.02	0.01	0.01	24.76	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.26	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb
Titanium	47-1	0.00	-0.02	0.00	-0.01		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.02	-0.01	-0.01	0.00	1187.00	ppb
Yttrium	89-1				111		%
Yttrium	89-2				95		%
Zinc	66-2	1.04	1.14	0.98	1.05	7.31	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PBW01	Instrumnet Name :	P8
Client Sample ID :	PBW01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:54:31	DataFile Name :	047CCBE_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	597.68	ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	50.78	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSW01	Instrumnet Name :	P8
Client Sample ID :	LCSW01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:57:52	DataFile Name :	048LCSS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10327.15	10504.36	10192.21	10341.24	1.51	ppb
Antimony	121-1	511.72	525.48	517.36	518.19	1.34	ppb
Arsenic	75-2	524.25	532.55	524.77	527.19	0.88	ppb
Barium	135-1	2561.01	2608.38	2586.06	2585.15	0.92	ppb
Barium	137-1	2568.21	2595.73	2576.73	2580.22	0.55	ppb
Beryllium	9-1	495.31	515.59	500.77	503.89	2.08	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	430.93	460.55	450.59	447.36	3.37	ppb
Boron	11-1	425.28	467.20	460.84	451.10	5.01	ppb
Cadmium	111-1	504.73	515.42	506.71	508.95	1.12	ppb
Cadmium	106-1	501.71	518.55	504.29	508.18	1.79	ppb
Cadmium	108-1	511.41	521.53	507.86	513.60	1.38	ppb
Calcium	43-1	49930.74	50949.21	50670.32	50516.76	1.04	ppb
Calcium	44-1	50781.99	51311.48	50908.13	51000.53	0.54	ppb
Chromium	52-2	532.49	541.06	540.09	537.88	0.87	ppb
Cobalt	59-2	540.75	540.25	542.78	541.26	0.25	ppb
Copper	63-2	1092.84	1099.17	1102.32	1098.11	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				92		%
Iron	56-2	28287.63	28431.78	28628.70	28449.37	0.60	ppb
Iron	57-2	27550.41	27735.83	28119.49	27801.91	1.04	ppb
Krypton	83-1						cps
Lead	206-1	521.18	535.29	531.32	529.26	1.37	ppb
Lead	207-1	521.44	532.66	530.41	528.17	1.12	ppb
Lead	208-1	517.62	530.34	526.75	524.90	1.25	ppb
Lithium	6-1				109		%
Magnesium	24-2	54609.37	54976.23	54575.47	54720.36	0.41	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSW01	Instrumnet Name :	P8
Client Sample ID :	LCSW01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:57:52	DataFile Name :	048LCSS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1076.13	1085.69	1078.27	1080.03	0.46	ppb
Molybdenum	94-1	2617.35	2625.82	2611.94	2618.37	0.27	ppb
Molybdenum	95-1	2572.28	2620.41	2598.00	2596.89	0.93	ppb
Molybdenum	96-1	2587.01	2625.31	2599.80	2604.04	0.75	ppb
Molybdenum	97-1	2596.12	2630.10	2607.68	2611.30	0.66	ppb
Molybdenum	98-1	2569.11	2620.55	2594.73	2594.79	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	545.81	546.35	552.43	548.20	0.67	ppb
Phosphorus	31-2	11012.75	10421.94	10553.77	10662.82	2.91	ppb
Potassium	39-2	25337.64	25670.06	25752.99	25586.89	0.86	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				84		%
Selenium	77-2	589.89	500.22	599.83	563.31	9.74	ppb
Selenium	78-2	487.29	525.92	505.74	506.31	3.82	ppb
Selenium	82-1	524.32	523.52	518.50	522.11	0.60	ppb
Silicon	28-1	787.17	829.30	835.71	817.39	3.23	ppb
Silver	109-1	521.38	533.44	519.61	524.81	1.43	ppb
Silver	107-1	516.98	530.58	516.38	521.31	1.54	ppb
Sodium	23-2	54099.39	54626.89	54732.56	54486.28	0.62	ppb
Strontium	86-1	486.92	490.63	493.40	490.32	0.66	ppb
Strontium	88-1	501.82	505.89	504.32	504.01	0.41	ppb
Sulfur	34-1	10143.44	10353.39	9938.91	10145.25	2.04	ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	510.00	537.55	522.16	523.24	2.64	ppb
Thallium	205-1	508.04	528.40	517.28	517.91	1.97	ppb
Tin	118-1	486.11	492.77	486.38	488.42	0.77	ppb
Titanium	47-1	2574.68	2627.66	2571.62	2591.32	1.22	ppb
Uranium	238-1	502.85	509.30	502.20	504.78	0.78	ppb
Vanadium	51-2	533.62	536.51	539.68	536.60	0.56	ppb
Yttrium	89-1				106		%
Yttrium	89-2				92		%
Zinc	66-2	1096.82	1098.45	1109.04	1101.44	0.60	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSW01	Instrumnet Name :	P8
Client Sample ID :	LCSW01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:57:52	DataFile Name :	048LCSS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	514.81	516.73	510.41	513.98	0.63	ppb
Zirconium	91-1	519.62	511.52	517.18	516.11	0.81	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-1	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:08:42	DataFile Name :	049SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10631.71	10177.17	10393.80	10400.89	2.19	ppb
Antimony	121-1	523.72	506.62	535.47	521.94	2.78	ppb
Arsenic	75-2	533.97	516.28	537.65	529.30	2.16	ppb
Barium	135-1	2612.36	2538.03	2681.86	2610.75	2.76	ppb
Barium	137-1	2623.21	2548.72	2698.59	2623.51	2.86	ppb
Beryllium	9-1	500.08	481.99	521.88	501.32	3.98	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	431.05	438.85	459.63	443.18	3.33	ppb
Boron	11-1	439.05	438.17	483.67	453.63	5.74	ppb
Cadmium	111-1	512.60	493.11	530.51	512.07	3.65	ppb
Cadmium	106-1	519.67	490.99	536.19	515.62	4.44	ppb
Cadmium	108-1	527.13	504.10	521.90	517.71	2.33	ppb
Calcium	43-1	51163.33	49405.79	52350.17	50973.10	2.91	ppb
Calcium	44-1	51252.06	48998.19	52709.12	50986.46	3.67	ppb
Chromium	52-2	547.42	529.32	537.23	537.99	1.69	ppb
Cobalt	59-2	545.60	533.64	541.11	540.12	1.12	ppb
Copper	63-2	1112.74	1079.82	1092.61	1095.06	1.52	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				114		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				92		%
Iron	56-2	28709.05	27838.30	27938.73	28162.03	1.69	ppb
Iron	57-2	28339.86	27549.56	27841.52	27910.31	1.43	ppb
Krypton	83-1						cps
Lead	206-1	530.97	509.22	535.64	525.28	2.68	ppb
Lead	207-1	529.41	504.54	536.85	523.60	3.23	ppb
Lead	208-1	526.83	508.13	537.28	524.08	2.82	ppb
Lithium	6-1				109		%
Magnesium	24-2	55241.22	53062.53	54374.71	54226.15	2.02	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-1	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:08:42	DataFile Name :	049SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1088.29	1057.10	1070.98	1072.12	1.46	ppb
Molybdenum	94-1	2639.99	2522.58	2681.38	2614.65	3.15	ppb
Molybdenum	95-1	2624.06	2536.20	2698.30	2619.52	3.10	ppb
Molybdenum	96-1	2643.30	2514.06	2678.96	2612.11	3.32	ppb
Molybdenum	97-1	2631.51	2511.02	2698.53	2613.68	3.64	ppb
Molybdenum	98-1	2626.14	2536.10	2693.26	2618.50	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.57	536.65	549.48	544.90	1.31	ppb
Phosphorus	31-2	11297.66	10515.68	10990.13	10934.49	3.60	ppb
Potassium	39-2	26057.39	25208.00	25924.69	25730.03	1.78	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				84		%
Selenium	77-2	568.30	384.06	596.24	516.20	22.33	ppb
Selenium	78-2	532.48	525.58	560.24	539.43	3.40	ppb
Selenium	82-1	527.35	501.62	534.39	521.12	3.31	ppb
Silicon	28-1	785.50	785.00	865.53	812.01	5.71	ppb
Silver	109-1	527.57	507.72	540.80	525.37	3.17	ppb
Silver	107-1	531.83	507.39	537.63	525.62	3.05	ppb
Sodium	23-2	55801.54	54240.89	54759.31	54933.91	1.45	ppb
Strontium	86-1	498.98	477.15	508.05	494.73	3.21	ppb
Strontium	88-1	512.93	487.72	521.88	507.51	3.49	ppb
Sulfur	34-1	10129.17	9019.12	10879.81	10009.37	9.35	ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	526.77	515.14	539.41	527.11	2.30	ppb
Thallium	205-1	516.26	505.49	529.17	516.97	2.29	ppb
Tin	118-1	493.40	475.68	500.77	489.95	2.63	ppb
Titanium	47-1	2609.90	2514.33	2673.00	2599.08	3.07	ppb
Uranium	238-1	510.28	491.41	516.62	506.10	2.59	ppb
Vanadium	51-2	541.69	522.59	534.61	532.97	1.81	ppb
Yttrium	89-1				105		%
Yttrium	89-2				91		%
Zinc	66-2	1114.42	1095.69	1099.50	1103.21	0.90	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-1	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:08:42	DataFile Name :	049SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	527.34	499.14	529.65	518.71	3.28	ppb
Zirconium	91-1	530.68	500.27	535.13	522.03	3.63	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-2	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:11:54	DataFile Name :	050SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10767.18	10427.37	10369.79	10521.45	2.04	ppb
Antimony	121-1	505.17	516.08	510.22	510.49	1.07	ppb
Arsenic	75-2	533.31	523.18	529.12	528.54	0.96	ppb
Barium	135-1	2526.47	2629.97	2549.23	2568.56	2.12	ppb
Barium	137-1	2538.72	2603.26	2547.16	2563.04	1.37	ppb
Beryllium	9-1	488.31	504.14	490.05	494.17	1.76	ppb
Bismuth	209-1				114		%
Bismuth	209-2				101		%
Boron	10-1	438.55	461.24	460.55	453.45	2.85	ppb
Boron	11-1	443.79	468.35	468.64	460.26	3.10	ppb
Cadmium	111-1	497.84	513.51	502.98	504.78	1.58	ppb
Cadmium	106-1	505.56	511.46	503.27	506.76	0.83	ppb
Cadmium	108-1	499.57	512.95	511.32	507.94	1.44	ppb
Calcium	43-1	48888.33	51069.79	50725.86	50227.99	2.34	ppb
Calcium	44-1	48825.41	51229.83	50622.96	50226.07	2.49	ppb
Chromium	52-2	554.09	545.51	539.31	546.30	1.36	ppb
Cobalt	59-2	553.61	548.14	545.69	549.15	0.74	ppb
Copper	63-2	1127.62	1108.57	1101.19	1112.46	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				91		%
Iron	56-2	29124.33	28451.36	28201.20	28592.29	1.67	ppb
Iron	57-2	28675.79	28046.18	27916.72	28212.90	1.44	ppb
Krypton	83-1						cps
Lead	206-1	506.60	525.23	515.41	515.75	1.81	ppb
Lead	207-1	504.75	523.87	522.40	517.01	2.06	ppb
Lead	208-1	502.48	520.82	515.17	512.82	1.83	ppb
Lithium	6-1				110		%
Magnesium	24-2	55753.66	54389.23	54760.64	54967.85	1.28	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-2	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:11:54	DataFile Name :	050SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1106.46	1086.63	1084.19	1092.43	1.12	ppb
Molybdenum	94-1	2513.76	2581.35	2523.17	2539.43	1.44	ppb
Molybdenum	95-1	2534.19	2578.15	2551.72	2554.69	0.87	ppb
Molybdenum	96-1	2512.42	2605.77	2534.98	2551.06	1.91	ppb
Molybdenum	97-1	2537.97	2611.65	2563.03	2570.88	1.46	ppb
Molybdenum	98-1	2516.50	2578.27	2570.46	2555.08	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	560.02	552.97	547.95	553.65	1.09	ppb
Phosphorus	31-2	10549.86	11109.27	10497.61	10718.92	3.16	ppb
Potassium	39-2	26372.84	25691.90	25692.78	25919.17	1.52	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				82		%
Selenium	77-2	556.40	533.67	453.71	514.59	10.48	ppb
Selenium	78-2	505.00	591.17	516.09	537.42	8.72	ppb
Selenium	82-1	505.90	520.18	508.61	511.57	1.48	ppb
Silicon	28-1	771.18	830.18	833.46	811.60	4.32	ppb
Silver	109-1	506.13	522.93	515.62	514.90	1.64	ppb
Silver	107-1	509.08	522.17	512.02	514.42	1.33	ppb
Sodium	23-2	55870.98	55524.89	54915.54	55437.13	0.87	ppb
Strontium	86-1	477.70	492.06	488.92	486.23	1.55	ppb
Strontium	88-1	486.71	508.84	493.52	496.36	2.28	ppb
Sulfur	34-1	8465.56	9694.00	9460.60	9206.72	7.09	ppb
Terbium	159-1				114		%
Terbium	159-2				104		%
Thallium	203-1	497.51	520.03	517.83	511.79	2.43	ppb
Thallium	205-1	495.86	516.89	513.56	508.77	2.22	ppb
Tin	118-1	477.40	492.29	481.02	483.57	1.61	ppb
Titanium	47-1	2507.39	2611.46	2561.54	2560.13	2.03	ppb
Uranium	238-1	482.34	502.19	498.28	494.27	2.13	ppb
Vanadium	51-2	546.86	542.13	536.85	541.95	0.92	ppb
Yttrium	89-1				107		%
Yttrium	89-2				90		%
Zinc	66-2	1121.14	1113.19	1093.71	1109.35	1.27	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-2	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:11:54	DataFile Name :	050SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	492.49	515.55	509.09	505.71	2.35	ppb
Zirconium	91-1	501.19	514.56	513.48	509.74	1.46	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-3	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:15:07	DataFile Name :	051SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10862.27	10347.03	10436.29	10548.53	2.61	ppb
Antimony	121-1	526.66	513.43	512.89	517.66	1.51	ppb
Arsenic	75-2	548.21	522.01	525.15	531.79	2.69	ppb
Barium	135-1	2626.88	2550.14	2567.72	2581.58	1.56	ppb
Barium	137-1	2610.94	2559.97	2546.34	2572.42	1.32	ppb
Beryllium	9-1	495.10	491.53	496.20	494.28	0.49	ppb
Bismuth	209-1				114		%
Bismuth	209-2				101		%
Boron	10-1	457.22	464.68	473.32	465.07	1.73	ppb
Boron	11-1	451.45	463.56	472.62	462.54	2.30	ppb
Cadmium	111-1	510.70	504.71	501.86	505.76	0.89	ppb
Cadmium	106-1	508.87	496.50	511.29	505.56	1.57	ppb
Cadmium	108-1	516.61	505.15	511.90	511.22	1.13	ppb
Calcium	43-1	50341.89	50512.61	49991.37	50281.96	0.53	ppb
Calcium	44-1	50711.33	50761.46	50306.82	50593.21	0.49	ppb
Chromium	52-2	554.75	538.70	539.96	544.47	1.64	ppb
Cobalt	59-2	559.62	540.76	544.03	548.14	1.84	ppb
Copper	63-2	1137.86	1100.01	1102.23	1113.37	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				90		%
Iron	56-2	29268.62	28156.39	28413.94	28612.99	2.03	ppb
Iron	57-2	28720.78	27722.64	27633.69	28025.71	2.15	ppb
Krypton	83-1						cps
Lead	206-1	524.99	512.02	510.99	516.00	1.51	ppb
Lead	207-1	521.67	517.59	510.19	516.48	1.13	ppb
Lead	208-1	521.95	514.39	507.76	514.70	1.38	ppb
Lithium	6-1				110		%
Magnesium	24-2	56592.92	53962.86	54911.17	55155.65	2.41	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-3	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:15:07	DataFile Name :	051SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1115.67	1080.74	1076.37	1090.93	1.97	ppb
Molybdenum	94-1	2605.68	2607.75	2522.06	2578.50	1.90	ppb
Molybdenum	95-1	2583.26	2587.16	2548.26	2572.89	0.83	ppb
Molybdenum	96-1	2601.96	2588.72	2556.55	2582.41	0.90	ppb
Molybdenum	97-1	2610.76	2598.74	2555.86	2588.45	1.12	ppb
Molybdenum	98-1	2584.15	2604.49	2552.09	2580.24	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	566.27	549.09	551.90	555.75	1.66	ppb
Phosphorus	31-2	11923.34	10001.83	10598.43	10841.20	9.07	ppb
Potassium	39-2	26430.56	25883.94	25391.98	25902.16	2.01	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				83		%
Selenium	77-2	544.58	533.68	583.28	553.85	4.71	ppb
Selenium	78-2	550.16	539.92	510.32	533.46	3.88	ppb
Selenium	82-1	519.75	520.33	509.29	516.46	1.20	ppb
Silicon	28-1	812.05	820.89	826.05	819.66	0.86	ppb
Silver	109-1	529.19	513.13	514.17	518.83	1.73	ppb
Silver	107-1	524.50	513.72	514.55	517.59	1.16	ppb
Sodium	23-2	56679.34	54866.10	55507.88	55684.44	1.65	ppb
Strontium	86-1	491.84	487.27	484.98	488.03	0.71	ppb
Strontium	88-1	505.30	501.01	494.67	500.33	1.07	ppb
Sulfur	34-1	9269.65	9173.25	9005.65	9149.52	1.46	ppb
Terbium	159-1				114		%
Terbium	159-2				103		%
Thallium	203-1	520.43	516.43	499.85	512.24	2.13	ppb
Thallium	205-1	512.29	511.73	498.00	507.34	1.60	ppb
Tin	118-1	499.64	484.50	484.75	489.63	1.77	ppb
Titanium	47-1	2570.96	2578.31	2523.61	2557.63	1.16	ppb
Uranium	238-1	497.89	497.45	488.47	494.60	1.08	ppb
Vanadium	51-2	553.29	531.45	537.68	540.81	2.08	ppb
Yttrium	89-1				107		%
Yttrium	89-2				90		%
Zinc	66-2	1141.01	1098.50	1106.03	1115.18	2.03	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-3	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:15:07	DataFile Name :	051SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	511.17	511.99	502.93	508.70	0.99	ppb
Zirconium	91-1	513.93	510.80	510.14	511.62	0.40	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-4	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:18:19	DataFile Name :	052SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10625.48	10513.51	10265.58	10468.19	1.76	ppb
Antimony	121-1	515.20	554.87	525.58	531.88	3.87	ppb
Arsenic	75-2	534.16	530.92	525.23	530.10	0.85	ppb
Barium	135-1	2599.31	2777.83	2614.48	2663.87	3.72	ppb
Barium	137-1	2577.96	2726.58	2600.93	2635.15	3.04	ppb
Beryllium	9-1	501.87	533.57	506.33	513.92	3.34	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	456.29	505.71	480.59	480.86	5.14	ppb
Boron	11-1	458.36	502.93	485.42	482.24	4.66	ppb
Cadmium	111-1	508.08	545.59	512.98	522.22	3.90	ppb
Cadmium	106-1	501.15	542.84	510.80	518.26	4.21	ppb
Cadmium	108-1	511.32	539.39	524.89	525.20	2.67	ppb
Calcium	43-1	49595.61	54301.03	51340.61	51745.75	4.60	ppb
Calcium	44-1	49801.92	54691.94	51662.51	52052.13	4.74	ppb
Chromium	52-2	549.76	547.21	535.60	544.19	1.39	ppb
Cobalt	59-2	550.12	553.43	542.21	548.59	1.05	ppb
Copper	63-2	1120.45	1116.10	1099.98	1112.18	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				91		%
Iron	56-2	28891.44	28753.73	28250.24	28631.80	1.18	ppb
Iron	57-2	28125.09	28209.87	27799.38	28044.78	0.77	ppb
Krypton	83-1						cps
Lead	206-1	515.00	566.52	528.25	536.59	4.99	ppb
Lead	207-1	518.77	563.32	525.24	535.78	4.49	ppb
Lead	208-1	516.81	558.47	522.11	532.46	4.26	ppb
Lithium	6-1				107		%
Magnesium	24-2	55700.91	54980.87	54578.99	55086.92	1.03	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-4	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:18:19	DataFile Name :	052SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1089.94	1088.88	1068.94	1082.59	1.09	ppb
Molybdenum	94-1	2576.01	2747.64	2594.28	2639.31	3.57	ppb
Molybdenum	95-1	2573.56	2737.85	2624.45	2645.29	3.18	ppb
Molybdenum	96-1	2572.87	2741.58	2613.77	2642.74	3.33	ppb
Molybdenum	97-1	2580.93	2798.23	2626.39	2668.52	4.29	ppb
Molybdenum	98-1	2585.66	2742.04	2618.79	2648.83	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	560.84	561.65	554.26	558.91	0.73	ppb
Phosphorus	31-2	10569.42	10399.68	11157.25	10708.79	3.71	ppb
Potassium	39-2	25796.13	25995.48	25414.60	25735.40	1.15	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				83		%
Selenium	77-2	601.29	596.51	562.85	586.88	3.57	ppb
Selenium	78-2	528.28	546.76	535.55	536.86	1.73	ppb
Selenium	82-1	514.55	553.72	520.50	529.59	3.99	ppb
Silicon	28-1	784.40	898.58	854.10	845.69	6.81	ppb
Silver	109-1	523.38	556.33	528.37	536.02	3.31	ppb
Silver	107-1	520.86	546.83	526.04	531.24	2.59	ppb
Sodium	23-2	56404.98	55660.83	54411.03	55492.28	1.82	ppb
Strontium	86-1	489.78	525.15	498.88	504.60	3.64	ppb
Strontium	88-1	497.96	543.22	509.29	516.82	4.56	ppb
Sulfur	34-1	8805.13	11134.58	9603.05	9847.59	12.02	ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	521.17	555.41	526.37	534.32	3.45	ppb
Thallium	205-1	508.17	549.27	517.07	524.84	4.12	ppb
Tin	118-1	490.11	528.58	500.37	506.35	3.93	ppb
Titanium	47-1	2530.21	2768.66	2634.11	2644.33	4.52	ppb
Uranium	238-1	500.66	540.15	507.83	516.21	4.08	ppb
Vanadium	51-2	545.22	545.05	534.57	541.61	1.13	ppb
Yttrium	89-1				104		%
Yttrium	89-2				91		%
Zinc	66-2	1129.68	1110.90	1093.50	1111.36	1.63	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-4	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:18:19	DataFile Name :	052SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	511.82	542.00	522.13	525.32	2.92	ppb
Zirconium	91-1	508.10	551.77	510.32	523.40	4.70	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:31:39	DataFile Name :	054LCSS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10231.24	10044.09	10317.59	10197.64	1.37	ppb
Antimony	121-1	501.84	501.03	496.70	499.86	0.55	ppb
Arsenic	75-2	512.80	516.66	517.31	515.59	0.47	ppb
Barium	135-1	2526.56	2509.57	2488.12	2508.08	0.77	ppb
Barium	137-1	2525.61	2488.22	2471.72	2495.18	1.11	ppb
Beryllium	9-1	482.49	488.62	483.66	484.92	0.67	ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	10-1	443.69	455.22	464.83	454.58	2.33	ppb
Boron	11-1	441.61	459.92	460.07	453.87	2.34	ppb
Cadmium	111-1	492.15	487.70	493.09	490.98	0.59	ppb
Cadmium	106-1	502.65	496.03	493.46	497.38	0.95	ppb
Cadmium	108-1	502.38	493.14	491.37	495.63	1.19	ppb
Calcium	43-1	48219.22	48457.92	47982.56	48219.90	0.49	ppb
Calcium	44-1	48695.64	49016.95	48048.18	48586.93	1.02	ppb
Chromium	52-2	520.61	527.08	534.76	527.48	1.34	ppb
Cobalt	59-2	528.65	533.40	540.66	534.24	1.13	ppb
Copper	63-2	1066.18	1075.39	1082.14	1074.57	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				90		%
Iron	56-2	27517.86	27566.55	27818.44	27634.28	0.58	ppb
Iron	57-2	26648.88	27101.10	27372.12	27040.70	1.35	ppb
Krypton	83-1						cps
Lead	206-1	500.90	504.77	502.30	502.66	0.39	ppb
Lead	207-1	502.93	506.25	508.63	505.94	0.57	ppb
Lead	208-1	501.66	503.86	504.28	503.27	0.28	ppb
Lithium	6-1				107		%
Magnesium	24-2	52282.89	54386.38	54349.57	53672.95	2.24	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:31:39	DataFile Name :	054LCSS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1049.09	1056.83	1066.81	1057.58	0.84	ppb
Molybdenum	94-1	2477.37	2519.32	2518.26	2504.98	0.95	ppb
Molybdenum	95-1	2483.17	2519.44	2512.53	2505.05	0.77	ppb
Molybdenum	96-1	2520.17	2512.11	2534.29	2522.19	0.45	ppb
Molybdenum	97-1	2493.70	2539.97	2525.09	2519.59	0.94	ppb
Molybdenum	98-1	2474.89	2515.52	2507.94	2499.45	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	533.68	543.06	545.59	540.78	1.16	ppb
Phosphorus	31-2	10719.62	9669.61	9921.69	10103.64	5.43	ppb
Potassium	39-2	24754.36	25132.99	25290.81	25059.38	1.10	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				82		%
Selenium	77-2	596.15	511.57	529.72	545.81	8.16	ppb
Selenium	78-2	502.11	521.98	526.95	517.01	2.54	ppb
Selenium	82-1	495.61	507.59	504.61	502.60	1.24	ppb
Silicon	28-1	603.59	615.78	609.98	609.78	1.00	ppb
Silver	109-1	510.12	504.73	500.73	505.20	0.93	ppb
Silver	107-1	516.48	509.09	505.59	510.39	1.09	ppb
Sodium	23-2	52944.14	54056.50	54101.38	53700.67	1.22	ppb
Strontium	86-1	479.14	486.23	483.95	483.11	0.75	ppb
Strontium	88-1	495.01	498.30	501.12	498.14	0.61	ppb
Sulfur	34-1	9318.07	9416.08	9156.46	9296.87	1.41	ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	502.26	503.79	504.01	503.35	0.19	ppb
Thallium	205-1	496.41	497.57	495.78	496.59	0.18	ppb
Tin	118-1	490.92	495.43	488.20	491.52	0.74	ppb
Titanium	47-1	2488.55	2508.02	2480.59	2492.38	0.57	ppb
Uranium	238-1	485.92	486.82	486.85	486.53	0.11	ppb
Vanadium	51-2	521.24	529.62	529.01	526.62	0.89	ppb
Yttrium	89-1				105		%
Yttrium	89-2				90		%
Zinc	66-2	1066.85	1071.56	1093.39	1077.26	1.31	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:31:39	DataFile Name :	054LCSS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	502.08	508.91	500.87	503.96	0.86	ppb
Zirconium	91-1	484.76	486.67	488.70	486.71	0.40	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-1	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:34:51	DataFile Name :	055SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10396.38	10976.09	10676.12	10682.86	2.71	ppb
Antimony	121-1	515.02	515.28	518.29	516.20	0.35	ppb
Arsenic	75-2	524.30	565.20	521.87	537.13	4.53	ppb
Barium	135-1	2574.53	2597.44	2597.15	2589.71	0.51	ppb
Barium	137-1	2593.07	2563.72	2587.00	2581.26	0.60	ppb
Beryllium	9-1	503.00	504.04	493.60	500.21	1.15	ppb
Bismuth	209-1				111		%
Bismuth	209-2				99		%
Boron	10-1	458.98	460.25	483.98	467.74	3.01	ppb
Boron	11-1	456.93	471.35	473.50	467.26	1.93	ppb
Cadmium	111-1	502.48	509.97	505.13	505.86	0.75	ppb
Cadmium	106-1	503.08	501.88	516.56	507.17	1.61	ppb
Cadmium	108-1	506.85	506.26	513.63	508.91	0.80	ppb
Calcium	43-1	49996.34	50115.37	50802.90	50304.87	0.87	ppb
Calcium	44-1	50418.91	50476.28	51474.57	50789.92	1.17	ppb
Chromium	52-2	540.12	572.21	555.62	555.98	2.89	ppb
Cobalt	59-2	542.44	576.34	558.83	559.20	3.03	ppb
Copper	63-2	1096.20	1175.43	1132.89	1134.84	3.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				89		%
Iron	56-2	28343.96	30249.72	29330.11	29307.93	3.25	ppb
Iron	57-2	27657.56	29527.44	28467.93	28550.98	3.28	ppb
Krypton	83-1						cps
Lead	206-1	516.31	522.36	518.40	519.02	0.59	ppb
Lead	207-1	515.31	526.11	517.92	519.78	1.08	ppb
Lead	208-1	516.08	521.51	518.01	518.53	0.53	ppb
Lithium	6-1				107		%
Magnesium	24-2	54806.26	58668.37	56382.11	56618.91	3.43	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-1	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:34:51	DataFile Name :	055SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1079.41	1146.16	1107.05	1110.88	3.02	ppb
Molybdenum	94-1	2570.77	2546.66	2567.56	2561.66	0.51	ppb
Molybdenum	95-1	2578.21	2577.02	2597.54	2584.26	0.45	ppb
Molybdenum	96-1	2570.20	2573.46	2564.04	2569.23	0.19	ppb
Molybdenum	97-1	2576.00	2585.52	2569.00	2576.84	0.32	ppb
Molybdenum	98-1	2569.58	2575.90	2584.40	2576.63	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	544.98	586.61	566.13	565.91	3.68	ppb
Phosphorus	31-2	10487.32	11226.59	10283.25	10665.72	4.65	ppb
Potassium	39-2	25733.98	27293.54	26540.93	26522.82	2.94	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				82		%
Selenium	77-2	402.26	646.42	505.97	518.22	23.65	ppb
Selenium	78-2	553.98	605.44	562.28	573.90	4.81	ppb
Selenium	82-1	510.56	511.95	515.42	512.65	0.49	ppb
Silicon	28-1	754.66	784.41	800.34	779.80	2.97	ppb
Silver	109-1	521.41	517.96	524.62	521.33	0.64	ppb
Silver	107-1	516.23	517.51	526.39	520.04	1.06	ppb
Sodium	23-2	54631.45	58866.61	56625.50	56707.86	3.74	ppb
Strontium	86-1	488.79	486.63	489.83	488.42	0.34	ppb
Strontium	88-1	498.50	495.62	502.08	498.74	0.65	ppb
Sulfur	34-1	9011.65	9205.67	9342.71	9186.68	1.81	ppb
Terbium	159-1				113		%
Terbium	159-2				101		%
Thallium	203-1	520.82	525.38	521.50	522.57	0.47	ppb
Thallium	205-1	510.83	512.75	513.11	512.23	0.24	ppb
Tin	118-1	485.83	490.11	491.55	489.16	0.61	ppb
Titanium	47-1	2545.80	2584.55	2574.40	2568.25	0.78	ppb
Uranium	238-1	497.21	494.84	500.28	497.45	0.55	ppb
Vanadium	51-2	538.60	569.82	553.81	554.07	2.82	ppb
Yttrium	89-1				106		%
Yttrium	89-2				89		%
Zinc	66-2	1104.84	1169.71	1138.28	1137.61	2.85	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-1	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:34:51	DataFile Name :	055SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	512.39	502.02	513.02	509.14	1.21	ppb
Zirconium	91-1	496.01	503.25	511.52	503.59	1.54	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-2	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:38:03	DataFile Name :	056SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10393.70	10555.05	10363.96	10437.57	0.99	ppb
Antimony	121-1	505.05	540.66	521.89	522.54	3.41	ppb
Arsenic	75-2	533.87	527.84	531.36	531.02	0.57	ppb
Barium	135-1	2530.25	2741.51	2611.75	2627.84	4.05	ppb
Barium	137-1	2544.87	2725.11	2588.81	2619.59	3.59	ppb
Beryllium	9-1	498.72	535.48	499.05	511.08	4.13	ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	468.35	507.39	471.44	482.39	4.50	ppb
Boron	11-1	457.77	513.72	478.29	483.26	5.86	ppb
Cadmium	111-1	497.19	540.78	511.17	516.38	4.31	ppb
Cadmium	106-1	494.51	531.75	509.10	511.79	3.67	ppb
Cadmium	108-1	505.96	537.05	509.82	517.61	3.27	ppb
Calcium	43-1	49484.32	53864.69	50559.00	51302.67	4.45	ppb
Calcium	44-1	50345.74	53899.43	51064.55	51769.91	3.63	ppb
Chromium	52-2	543.42	541.35	542.51	542.43	0.19	ppb
Cobalt	59-2	548.84	545.68	549.33	547.95	0.36	ppb
Copper	63-2	1105.88	1105.20	1111.72	1107.60	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				92		%
Iron	56-2	28826.86	28605.26	28486.21	28639.44	0.60	ppb
Iron	57-2	28020.11	27987.43	28085.60	28031.05	0.18	ppb
Krypton	83-1						cps
Lead	206-1	516.02	544.18	522.04	527.41	2.81	ppb
Lead	207-1	520.05	541.46	520.57	527.36	2.32	ppb
Lead	208-1	518.77	536.66	520.82	525.42	1.86	ppb
Lithium	6-1				106		%
Magnesium	24-2	55449.56	55058.70	55104.76	55204.34	0.39	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-2	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:38:03	DataFile Name :	056SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1078.83	1087.52	1097.41	1087.92	0.85	ppb
Molybdenum	94-1	2549.51	2707.10	2566.47	2607.69	3.32	ppb
Molybdenum	95-1	2569.97	2719.56	2588.43	2625.99	3.11	ppb
Molybdenum	96-1	2557.18	2715.51	2563.80	2612.16	3.43	ppb
Molybdenum	97-1	2563.64	2755.10	2597.71	2638.82	3.87	ppb
Molybdenum	98-1	2551.70	2723.83	2564.79	2613.44	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	554.39	556.29	552.84	554.50	0.31	ppb
Phosphorus	31-2	9975.69	9931.05	9140.65	9682.46	4.85	ppb
Potassium	39-2	25819.77	25946.97	25878.60	25881.78	0.25	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				85		%
Selenium	77-2	574.74	433.95	459.46	489.38	15.33	ppb
Selenium	78-2	496.02	551.46	506.00	517.83	5.71	ppb
Selenium	82-1	508.64	546.97	513.89	523.17	3.97	ppb
Silicon	28-1	758.15	838.80	788.80	795.25	5.12	ppb
Silver	109-1	509.22	551.17	526.10	528.83	3.99	ppb
Silver	107-1	512.65	555.69	520.89	529.74	4.31	ppb
Sodium	23-2	55769.75	54832.74	55866.96	55489.81	1.03	ppb
Strontium	86-1	483.11	518.80	490.39	497.43	3.79	ppb
Strontium	88-1	493.57	528.37	506.05	509.33	3.46	ppb
Sulfur	34-1	8777.55	10135.80	8972.53	9295.30	7.90	ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	519.04	537.12	523.90	526.69	1.78	ppb
Thallium	205-1	515.22	534.51	513.96	521.23	2.21	ppb
Tin	118-1	479.30	514.54	495.91	496.58	3.55	ppb
Titanium	47-1	2554.24	2752.68	2584.83	2630.58	4.06	ppb
Uranium	238-1	496.35	516.72	501.64	504.90	2.09	ppb
Vanadium	51-2	542.85	542.98	542.87	542.90	0.01	ppb
Yttrium	89-1				106		%
Yttrium	89-2				92		%
Zinc	66-2	1104.95	1112.46	1111.21	1109.54	0.36	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-2	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:38:03	DataFile Name :	056SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	505.96	541.54	511.56	519.69	3.68	ppb
Zirconium	91-1	506.13	541.81	518.25	522.07	3.47	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:45:28	DataFile Name :	058CCV_P8072818- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50413.26	50511.17	51199.50	50707.98	0.84	ppb
Antimony	121-1	488.01	488.02	482.96	486.33	0.60	ppb
Arsenic	75-2	503.35	489.97	494.86	496.06	1.36	ppb
Barium	135-1	2473.93	2470.71	2446.22	2463.62	0.62	ppb
Barium	137-1	2452.43	2455.66	2430.40	2446.16	0.56	ppb
Beryllium	9-1	484.72	493.54	485.01	487.76	1.03	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	491.40	511.49	512.90	505.26	2.38	ppb
Boron	11-1	490.96	509.46	509.80	503.41	2.14	ppb
Cadmium	111-1	470.53	472.53	473.18	472.08	0.29	ppb
Cadmium	106-1	480.13	477.44	486.37	481.31	0.95	ppb
Cadmium	108-1	478.87	474.35	478.17	477.13	0.51	ppb
Calcium	43-1	239217.86	245858.39	237941.17	241005.81	1.76	ppb
Calcium	44-1	237063.70	242253.70	234122.43	237813.28	1.73	ppb
Chromium	52-2	505.01	506.42	513.48	508.30	0.89	ppb
Cobalt	59-2	493.86	491.88	498.77	494.84	0.72	ppb
Copper	63-2	958.53	951.95	968.83	959.77	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				94		%
Iron	56-2	128536.59	128010.28	129384.87	128643.91	0.54	ppb
Iron	57-2	129213.64	128925.65	131153.65	129764.31	0.93	ppb
Krypton	83-1						cps
Lead	206-1	503.79	509.96	499.57	504.44	1.04	ppb
Lead	207-1	507.48	506.87	501.99	505.45	0.60	ppb
Lead	208-1	505.84	507.28	496.15	503.09	1.20	ppb
Lithium	6-1				109		%
Magnesium	24-2	251064.96	249122.56	253776.63	251321.38	0.93	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:45:28	DataFile Name :	058CCV_P8072818- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.01	995.63	993.42	993.69	0.18	ppb
Molybdenum	94-1	2455.34	2537.55	2467.32	2486.74	1.79	ppb
Molybdenum	95-1	2449.03	2524.42	2454.24	2475.90	1.70	ppb
Molybdenum	96-1	2451.64	2520.26	2474.32	2482.07	1.41	ppb
Molybdenum	97-1	2477.93	2533.81	2478.88	2496.87	1.28	ppb
Molybdenum	98-1	2475.66	2516.84	2437.97	2476.82	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.24	497.39	503.90	498.18	1.08	ppb
Phosphorus	31-2	9578.69	10328.19	10683.06	10196.64	5.53	ppb
Potassium	39-2	126389.12	125312.28	128398.67	126700.02	1.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				91		%
Selenium	77-2	471.25	432.00	454.15	452.47	4.35	ppb
Selenium	78-2	514.80	524.75	518.30	519.28	0.97	ppb
Selenium	82-1	479.56	492.92	480.21	484.23	1.56	ppb
Silicon	28-1	509.85	522.31	507.15	513.10	1.58	ppb
Silver	109-1	484.39	483.27	484.90	484.19	0.17	ppb
Silver	107-1	481.08	482.45	485.89	483.14	0.51	ppb
Sodium	23-2	251299.57	251110.47	255789.93	252733.32	1.05	ppb
Strontium	86-1	478.28	493.34	482.98	484.87	1.59	ppb
Strontium	88-1	489.57	506.54	492.96	496.36	1.81	ppb
Sulfur	34-1	8842.69	9346.94	8696.59	8962.08	3.81	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	507.76	507.53	493.75	503.01	1.60	ppb
Thallium	205-1	498.75	501.15	491.39	497.10	1.02	ppb
Tin	118-1	498.45	491.01	490.51	493.32	0.90	ppb
Titanium	47-1	2501.33	2538.90	2455.56	2498.60	1.67	ppb
Uranium	238-1	505.87	505.75	495.16	502.26	1.22	ppb
Vanadium	51-2	497.78	499.69	503.81	500.43	0.62	ppb
Yttrium	89-1				107		%
Yttrium	89-2				96		%
Zinc	66-2	990.29	997.73	1010.73	999.58	1.04	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:45:28	DataFile Name :	058CCV_P8072818- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	492.41	506.90	498.21	499.17	1.46	ppb
Zirconium	91-1	490.01	491.22	499.93	493.72	1.10	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:56:06	DataFile Name :	060CCBE_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.85	-1.42	-1.90	-2.06		ppb
Antimony	121-1	0.26	0.30	0.34	0.30	13.26	ppb
Arsenic	75-2	0.00	-0.06	0.00	-0.02		ppb
Barium	135-1	0.01	0.01	0.01	0.01	17.90	ppb
Barium	137-1	0.00	0.01	0.02	0.01	161.77	ppb
Beryllium	9-1	0.27	0.28	0.23	0.26	9.43	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	14.01	13.74	14.05	13.93	1.20	ppb
Boron	11-1	13.53	12.55	13.52	13.20	4.26	ppb
Cadmium	111-1	-0.08	-0.08	-0.01	-0.06		ppb
Cadmium	106-1	-1.24	-1.34	-0.42	-1.00		ppb
Cadmium	108-1	-0.09	-0.09	-0.09	-0.09		ppb
Calcium	43-1	2.34	-7.43	-1.74	-2.28		ppb
Calcium	44-1	-6.97	-8.95	-5.48	-7.14		ppb
Chromium	52-2	-0.14	-0.06	-0.09	-0.10		ppb
Cobalt	59-2	-0.03	0.01	0.01	-0.01		ppb
Copper	63-2	0.04	-0.04	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	56-2	1.86	1.70	0.85	1.47	37.04	ppb
Iron	57-2	3.12	0.94	0.91	1.66	76.48	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.04	0.05	12.08	ppb
Lead	207-1	0.04	0.04	0.03	0.04	11.33	ppb
Lead	208-1	0.05	0.04	0.05	0.05	7.30	ppb
Lithium	6-1				110		%
Magnesium	24-2	-1.34	-0.32	3.16	0.50	471.85	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:56:06	DataFile Name :	060CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.10	0.08	0.03	0.00	2531.64	ppb
Molybdenum	94-1	0.29	0.26	0.29	0.28	6.35	ppb
Molybdenum	95-1	0.19	0.27	0.23	0.23	17.07	ppb
Molybdenum	96-1	0.25	0.25	0.24	0.25	2.64	ppb
Molybdenum	97-1	0.22	0.17	0.23	0.21	14.53	ppb
Molybdenum	98-1	0.23	0.21	0.23	0.22	6.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.08	-0.08	-0.06		ppb
Phosphorus	31-2	-7.52	-7.52	-7.52	-7.52		ppb
Potassium	39-2	39.10	33.89	45.21	39.40	14.39	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				90		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	1.65	-0.27	-1.27	0.04	3962.42	ppb
Selenium	82-1	0.03	0.07	-0.06	0.01	457.87	ppb
Silicon	28-1	-14.15	-15.40	-10.77	-13.44		ppb
Silver	109-1	0.02	0.02	0.03	0.02	22.60	ppb
Silver	107-1	0.02	0.02	0.01	0.02	29.45	ppb
Sodium	23-2	51.53	60.18	56.28	56.00	7.74	ppb
Strontium	86-1	0.00	-0.02	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	89.41	ppb
Sulfur	34-1	-1353.24	-1319.90	-592.75	-1088.63		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.07	0.06	0.08	0.07	18.38	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	6.16	ppb
Tin	118-1	0.81	0.88	0.94	0.88	7.41	ppb
Titanium	47-1	0.00	0.10	-0.05	0.02	486.17	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.00	-0.02	0.01	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				96		%
Zinc	66-2	0.66	0.10	0.34	0.37	76.30	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:56:06	DataFile Name :	060CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.06	0.06	6.69	ppb
Zirconium	91-1	0.10	0.08	0.07	0.08	17.22	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-3	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:04:22	DataFile Name :	061LCSS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10096.78	10119.41	10303.67	10173.28	1.12	ppb
Antimony	121-1	504.37	514.20	511.36	509.98	0.99	ppb
Arsenic	75-2	520.52	512.49	528.26	520.42	1.52	ppb
Barium	135-1	2532.01	2564.62	2578.07	2558.24	0.93	ppb
Barium	137-1	2524.32	2571.12	2581.22	2558.89	1.19	ppb
Beryllium	9-1	504.34	497.14	490.23	497.23	1.42	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	458.61	471.00	478.34	469.32	2.13	ppb
Boron	11-1	452.15	460.25	478.15	463.52	2.87	ppb
Cadmium	111-1	497.58	500.96	503.33	500.62	0.58	ppb
Cadmium	106-1	506.42	511.39	501.86	506.56	0.94	ppb
Cadmium	108-1	501.18	507.73	505.95	504.95	0.67	ppb
Calcium	43-1	49297.99	49536.92	49845.52	49560.14	0.55	ppb
Calcium	44-1	49728.23	49695.80	50235.51	49886.52	0.61	ppb
Chromium	52-2	520.01	523.04	529.75	524.27	0.95	ppb
Cobalt	59-2	516.02	520.14	531.71	522.62	1.56	ppb
Copper	63-2	1035.94	1050.13	1063.18	1049.75	1.30	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				114		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				94		%
Iron	56-2	27127.57	27194.19	27899.70	27407.15	1.56	ppb
Iron	57-2	26602.47	26643.59	27078.97	26775.01	0.99	ppb
Krypton	83-1						cps
Lead	206-1	511.25	517.22	515.26	514.58	0.59	ppb
Lead	207-1	513.39	514.54	520.14	516.02	0.70	ppb
Lead	208-1	512.52	511.59	512.34	512.15	0.10	ppb
Lithium	6-1				112		%
Magnesium	24-2	53972.14	53785.28	54668.19	54141.87	0.86	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-3	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:04:22	DataFile Name :	061LCSS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1035.48	1048.57	1067.53	1050.53	1.53	ppb
Molybdenum	94-1	2530.87	2548.05	2567.82	2548.91	0.73	ppb
Molybdenum	95-1	2519.72	2541.68	2546.38	2535.93	0.56	ppb
Molybdenum	96-1	2547.91	2536.65	2523.79	2536.12	0.48	ppb
Molybdenum	97-1	2550.10	2544.76	2556.65	2550.50	0.23	ppb
Molybdenum	98-1	2514.37	2547.47	2531.68	2531.17	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.85	525.20	533.68	525.58	1.51	ppb
Phosphorus	31-2	10160.79	11204.50	10193.34	10519.54	5.64	ppb
Potassium	39-2	25165.24	25296.53	25565.32	25342.36	0.80	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				89		%
Selenium	77-2	528.56	505.21	556.26	530.01	4.82	ppb
Selenium	78-2	490.77	532.01	538.53	520.44	4.98	ppb
Selenium	82-1	503.53	504.15	508.68	505.45	0.56	ppb
Silicon	28-1	633.88	634.42	646.05	638.11	1.08	ppb
Silver	109-1	512.69	519.42	520.48	517.53	0.82	ppb
Silver	107-1	516.67	520.98	519.14	518.93	0.42	ppb
Sodium	23-2	52889.75	54402.24	55133.37	54141.79	2.11	ppb
Strontium	86-1	493.57	487.26	493.00	491.27	0.71	ppb
Strontium	88-1	501.59	498.31	504.66	501.52	0.63	ppb
Sulfur	34-1	9398.00	9336.26	9493.19	9409.15	0.84	ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	515.89	514.37	516.45	515.57	0.21	ppb
Thallium	205-1	506.35	508.07	504.75	506.39	0.33	ppb
Tin	118-1	494.23	502.75	497.43	498.14	0.86	ppb
Titanium	47-1	2539.63	2545.89	2563.69	2549.74	0.49	ppb
Uranium	238-1	489.30	497.30	495.35	493.98	0.84	ppb
Vanadium	51-2	517.95	523.40	526.03	522.46	0.79	ppb
Yttrium	89-1				108		%
Yttrium	89-2				95		%
Zinc	66-2	1035.98	1048.95	1069.33	1051.42	1.60	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-3	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:04:22	DataFile Name :	061LCSS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.04	506.89	509.64	508.19	0.27	ppb
Zirconium	91-1	506.01	506.03	512.94	508.32	0.79	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-4	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:07:34	DataFile Name :	062LCSS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10402.44	10675.08	10183.68	10420.40	2.36	ppb
Antimony	121-1	519.92	516.66	514.37	516.99	0.54	ppb
Arsenic	75-2	534.97	537.08	531.04	534.37	0.57	ppb
Barium	135-1	2611.69	2577.42	2561.21	2583.44	1.00	ppb
Barium	137-1	2603.20	2569.68	2580.57	2584.48	0.66	ppb
Beryllium	9-1	514.41	491.84	503.56	503.27	2.24	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Boron	10-1	480.47	460.46	475.63	472.19	2.21	ppb
Boron	11-1	473.39	469.64	485.16	476.06	1.70	ppb
Cadmium	111-1	512.74	501.47	504.64	506.28	1.15	ppb
Cadmium	106-1	522.06	502.34	510.24	511.55	1.94	ppb
Cadmium	108-1	527.82	498.59	504.80	510.40	3.02	ppb
Calcium	43-1	51030.03	49992.77	49413.23	50145.34	1.63	ppb
Calcium	44-1	51461.20	50570.58	49901.89	50644.56	1.54	ppb
Chromium	52-2	535.04	550.15	524.29	536.49	2.42	ppb
Cobalt	59-2	533.36	547.53	520.98	533.96	2.49	ppb
Copper	63-2	1073.28	1104.75	1051.82	1076.62	2.47	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				115		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				95		%
Iron	56-2	28056.48	28713.96	27461.23	28077.22	2.23	ppb
Iron	57-2	27270.78	28175.37	26790.51	27412.22	2.57	ppb
Krypton	83-1						cps
Lead	206-1	528.39	522.05	515.09	521.84	1.27	ppb
Lead	207-1	535.13	520.91	506.03	520.69	2.79	ppb
Lead	208-1	531.37	518.82	508.46	519.55	2.21	ppb
Lithium	6-1				112		%
Magnesium	24-2	55721.86	56384.65	52970.82	55025.78	3.29	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-4	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:07:34	DataFile Name :	062LCSS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1073.22	1086.56	1044.42	1068.07	2.02	ppb
Molybdenum	94-1	2615.78	2547.97	2549.14	2570.96	1.51	ppb
Molybdenum	95-1	2602.65	2561.24	2548.07	2570.66	1.11	ppb
Molybdenum	96-1	2583.16	2538.95	2547.14	2556.42	0.92	ppb
Molybdenum	97-1	2599.01	2553.12	2567.47	2573.20	0.91	ppb
Molybdenum	98-1	2598.39	2558.69	2565.45	2574.18	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	537.83	554.49	526.01	539.44	2.65	ppb
Phosphorus	31-2	10875.68	10756.63	11040.96	10891.09	1.31	ppb
Potassium	39-2	26023.42	26545.04	25404.59	25991.02	2.20	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				90		%
Selenium	77-2	509.51	632.61	585.87	576.00	10.79	ppb
Selenium	78-2	501.47	526.51	515.34	514.44	2.44	ppb
Selenium	82-1	515.07	513.72	512.46	513.75	0.25	ppb
Silicon	28-1	722.36	724.52	726.44	724.44	0.28	ppb
Silver	109-1	529.63	514.94	515.52	520.03	1.60	ppb
Silver	107-1	526.73	509.10	518.28	518.04	1.70	ppb
Sodium	23-2	55352.68	56860.10	53755.23	55322.67	2.81	ppb
Strontium	86-1	492.51	488.09	484.19	488.26	0.85	ppb
Strontium	88-1	506.97	499.77	495.79	500.85	1.13	ppb
Sulfur	34-1	9643.74	9103.70	8824.21	9190.55	4.53	ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	539.70	523.91	507.67	523.76	3.06	ppb
Thallium	205-1	530.19	517.02	501.37	516.19	2.79	ppb
Tin	118-1	498.61	488.26	491.64	492.83	1.07	ppb
Titanium	47-1	2615.23	2590.02	2579.01	2594.75	0.72	ppb
Uranium	238-1	507.56	493.25	488.17	496.32	2.03	ppb
Vanadium	51-2	535.86	547.53	518.78	534.06	2.71	ppb
Yttrium	89-1				109		%
Yttrium	89-2				95		%
Zinc	66-2	1077.96	1099.41	1048.68	1075.35	2.37	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-4	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:07:34	DataFile Name :	062LCSS_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	516.08	508.51	511.86	512.15	0.74	ppb
Zirconium	91-1	521.38	508.09	502.75	510.74	1.88	ppb

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P8
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 18:25:17 DataFile Name : 064CCBE_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.42	-0.13	-1.33	-0.96		ppb
Antimony	121-1	0.14	0.13	0.13	0.13	4.79	ppb
Arsenic	75-2	-0.06	-0.04	-0.04	-0.05		ppb
Barium	135-1	0.00	0.00	0.02	0.01	167.78	ppb
Barium	137-1	0.01	0.01	0.01	0.01	32.76	ppb
Beryllium	9-1	0.10	0.13	0.10	0.11	14.59	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	8.35	9.63	8.04	8.67	9.71	ppb
Boron	11-1	8.71	8.54	8.71	8.65	1.16	ppb
Cadmium	111-1	-0.07	-0.12	-0.02	-0.07		ppb
Cadmium	106-1	-0.99	-1.83	-0.16	-0.99		ppb
Cadmium	108-1	0.06	-0.09	0.04	0.00	1682.42	ppb
Calcium	43-1	-1.30	-4.62	-8.01	-4.64		ppb
Calcium	44-1	-5.25	-7.65	-7.71	-6.87		ppb
Chromium	52-2	-0.21	-0.09	0.05	-0.08		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.00	-0.01	-0.03	-0.01		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				112		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				94		%
Iron	56-2	0.56	0.25	0.57	0.46	39.99	ppb
Iron	57-2	-0.01	2.64	1.12	1.25	106.20	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.04	0.04	18.17	ppb
Lead	207-1	0.05	0.05	0.02	0.04	37.93	ppb
Lead	208-1	0.04	0.04	0.03	0.04	11.38	ppb
Lithium	6-1				110		%
Magnesium	24-2	-1.29	-1.70	-3.49	-2.16		ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:25:17	DataFile Name :	064CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.14	-0.13	-0.03	-0.10		ppb
Molybdenum	94-1	0.12	0.11	0.05	0.10	39.67	ppb
Molybdenum	95-1	0.08	0.09	0.11	0.10	14.88	ppb
Molybdenum	96-1	0.12	0.11	0.12	0.12	5.82	ppb
Molybdenum	97-1	0.09	0.09	0.07	0.08	18.12	ppb
Molybdenum	98-1	0.11	0.09	0.10	0.10	7.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.05	-0.16	-0.10		ppb
Phosphorus	31-2	17.33	-7.52	18.29	9.37	156.23	ppb
Potassium	39-2	24.57	13.07	31.24	22.96	40.04	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				89		%
Selenium	77-2	-1.97	-1.97	4.65	0.24	1602.80	ppb
Selenium	78-2	-0.27	0.72	-1.27	-0.27		ppb
Selenium	82-1	0.59	0.81	0.80	0.74	17.26	ppb
Silicon	28-1	-14.89	-13.80	-13.46	-14.05		ppb
Silver	109-1	0.01	0.02	0.01	0.01	27.33	ppb
Silver	107-1	0.01	0.01	0.01	0.01	44.73	ppb
Sodium	23-2	48.51	40.74	40.76	43.34	10.33	ppb
Strontium	86-1	-0.08	-0.01	-0.06	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	31.31	ppb
Sulfur	34-1	-900.80	-834.85	-726.74	-820.80		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.05	0.06	0.05	17.24	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	13.29	ppb
Tin	118-1	0.85	0.71	0.85	0.80	9.79	ppb
Titanium	47-1	0.06	0.03	-0.01	0.03	127.97	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.01	-0.01	0.01	0.00	306.46	ppb
Yttrium	89-1				106		%
Yttrium	89-2				93		%
Zinc	66-2	0.43	0.20	0.49	0.38	41.03	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:25:17	DataFile Name :	064CCBE_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.02	0.01	54.44	ppb
Zirconium	91-1	0.01	0.01	0.03	0.02	67.00	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PBW02	Instrumnet Name :	P8
Client Sample ID :	PBW02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:28:38	DataFile Name :	065CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.98	-2.81	0.93	-0.95		ppb
Antimony	121-1	0.09	0.08	0.10	0.09	15.25	ppb
Arsenic	75-2	0.01	-0.02	-0.06	-0.02		ppb
Barium	135-1	0.00	-0.01	-0.02	-0.01		ppb
Barium	137-1	0.01	0.01	-0.01	0.00	422.49	ppb
Beryllium	9-1	0.09	0.17	0.14	0.13	28.01	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	8.31	7.82	7.63	7.92	4.40	ppb
Boron	11-1	7.77	7.84	7.80	7.80	0.43	ppb
Cadmium	111-1	-0.11	-0.09	0.01	-0.07		ppb
Cadmium	106-1	-1.56	-1.25	-0.10	-0.97		ppb
Cadmium	108-1	0.06	-0.02	-0.15	-0.04		ppb
Calcium	43-1	-3.48	2.25	1.11	-0.04		ppb
Calcium	44-1	-9.28	-7.09	-9.05	-8.47		ppb
Chromium	52-2	-0.07	-0.08	-0.03	-0.06		ppb
Cobalt	59-2	-0.01	0.01	0.04	0.01	228.48	ppb
Copper	63-2	0.00	-0.04	-0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				95		%
Iron	56-2	0.14	0.24	0.54	0.31	67.20	ppb
Iron	57-2	0.42	1.01	0.00	0.48	107.09	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.04	0.03	23.67	ppb
Lead	207-1	0.02	0.03	0.03	0.03	13.12	ppb
Lead	208-1	0.03	0.03	0.03	0.03	10.33	ppb
Lithium	6-1				112		%
Magnesium	24-2	-3.35	-3.41	-3.87	-3.54		ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PBW02	Instrumnet Name :	P8
Client Sample ID :	PBW02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:28:38	DataFile Name :	065CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.23	-0.04	-0.09		ppb
Molybdenum	94-1	0.10	0.06	0.07	0.08	22.88	ppb
Molybdenum	95-1	0.01	0.05	0.05	0.04	59.17	ppb
Molybdenum	96-1	0.05	0.06	0.07	0.06	18.41	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.04	10.11	ppb
Molybdenum	98-1	0.04	0.06	0.03	0.05	33.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.17	-0.09	-0.09	-0.12		ppb
Phosphorus	31-2	17.09	17.70	17.37	17.38	1.76	ppb
Potassium	39-2	25.35	15.06	10.41	16.94	45.12	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				89		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	-0.26	0.77	-1.27	-0.25		ppb
Selenium	82-1	0.95	0.48	0.34	0.59	54.10	ppb
Silicon	28-1	-16.01	-10.14	-12.69	-12.95		ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.29	ppb
Silver	107-1	0.01	0.00	0.02	0.01	55.44	ppb
Sodium	23-2	44.35	45.15	47.69	45.73	3.81	ppb
Strontium	86-1	-0.02	0.00	-0.08	-0.03		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	26.96	ppb
Sulfur	34-1	-1286.08	-504.44	-759.07	-849.86		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.05	0.04	0.05	19.67	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	19.43	ppb
Tin	118-1	0.78	0.73	0.82	0.78	5.65	ppb
Titanium	47-1	-0.01	0.00	0.04	0.01	211.48	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				107		%
Yttrium	89-2				94		%
Zinc	66-2	0.74	0.44	0.19	0.46	59.70	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PBW02	Instrumnet Name :	P8
Client Sample ID :	PBW02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:28:38	DataFile Name :	065CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	161.90	ppb
Zirconium	91-1	0.01	0.04	-0.01	0.01	163.98	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSW02	Instrumnet Name :	P8
Client Sample ID :	LCSW02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:31:59	DataFile Name :	066LCS6_P8072818- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9974.99	9864.40	10025.23	9954.87	0.83	ppb
Antimony	121-1	496.57	501.89	491.58	496.68	1.04	ppb
Arsenic	75-2	502.39	500.81	504.39	502.53	0.36	ppb
Barium	135-1	2477.91	2482.74	2479.60	2480.08	0.10	ppb
Barium	137-1	2478.21	2474.04	2469.91	2474.05	0.17	ppb
Beryllium	9-1	490.30	480.08	469.88	480.09	2.13	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	452.28	468.16	457.95	459.46	1.75	ppb
Boron	11-1	453.03	462.09	465.85	460.32	1.43	ppb
Cadmium	111-1	485.91	488.55	483.42	485.96	0.53	ppb
Cadmium	106-1	486.45	494.23	483.92	488.20	1.10	ppb
Cadmium	108-1	496.45	495.61	485.43	492.50	1.25	ppb
Calcium	43-1	48174.65	47512.67	47739.80	47809.04	0.70	ppb
Calcium	44-1	49028.24	47809.75	47811.05	48216.35	1.46	ppb
Chromium	52-2	506.37	504.43	508.80	506.53	0.43	ppb
Cobalt	59-2	509.85	507.82	515.86	511.18	0.82	ppb
Copper	63-2	1021.92	1015.26	1026.30	1021.16	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				92		%
Iron	56-2	26651.78	26295.81	26531.26	26492.95	0.68	ppb
Iron	57-2	25615.22	25609.28	25891.65	25705.38	0.63	ppb
Krypton	83-1						cps
Lead	206-1	504.74	496.72	496.09	499.18	0.97	ppb
Lead	207-1	511.76	497.90	499.88	503.18	1.49	ppb
Lead	208-1	505.43	494.79	496.13	498.78	1.16	ppb
Lithium	6-1				110		%
Magnesium	24-2	52670.56	52841.59	53470.49	52994.21	0.79	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSW02	Instrumnet Name :	P8
Client Sample ID :	LCSW02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:31:59	DataFile Name :	066LCS6_P8072818- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1024.92	1012.54	1016.58	1018.01	0.62	ppb
Molybdenum	94-1	2511.02	2494.14	2480.57	2495.24	0.61	ppb
Molybdenum	95-1	2515.63	2478.65	2489.64	2494.64	0.76	ppb
Molybdenum	96-1	2483.02	2449.50	2477.28	2469.93	0.73	ppb
Molybdenum	97-1	2501.30	2481.78	2502.13	2495.07	0.46	ppb
Molybdenum	98-1	2483.57	2466.06	2478.57	2476.07	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.57	511.37	515.86	513.93	0.45	ppb
Phosphorus	31-2	10494.86	9364.50	9815.36	9891.57	5.75	ppb
Potassium	39-2	24490.38	24179.91	24343.58	24337.95	0.64	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				87		%
Selenium	77-2	439.50	548.89	559.60	515.99	12.88	ppb
Selenium	78-2	532.90	426.56	489.96	483.14	11.07	ppb
Selenium	82-1	490.71	489.04	488.15	489.30	0.27	ppb
Silicon	28-1	504.16	500.17	494.95	499.76	0.92	ppb
Silver	109-1	505.26	502.55	499.10	502.30	0.61	ppb
Silver	107-1	504.09	502.09	502.18	502.79	0.22	ppb
Sodium	23-2	52339.10	52134.22	53291.20	52588.17	1.17	ppb
Strontium	86-1	484.01	484.27	476.04	481.44	0.97	ppb
Strontium	88-1	499.70	491.36	496.68	495.91	0.85	ppb
Sulfur	34-1	9861.38	9203.55	8972.55	9345.83	4.93	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	506.89	495.37	498.56	500.27	1.19	ppb
Thallium	205-1	500.11	484.28	488.20	490.86	1.68	ppb
Tin	118-1	506.26	505.13	493.76	501.72	1.38	ppb
Titanium	47-1	2509.37	2461.07	2479.70	2483.38	0.98	ppb
Uranium	238-1	484.81	481.92	482.24	482.99	0.33	ppb
Vanadium	51-2	512.60	501.00	510.58	508.06	1.22	ppb
Yttrium	89-1				105		%
Yttrium	89-2				92		%
Zinc	66-2	1065.03	1044.86	1060.67	1056.85	1.00	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSW02	Instrumnet Name :	P8
Client Sample ID :	LCSW02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:31:59	DataFile Name :	066LCS6_P8072818- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.20	494.97	495.83	496.33	0.34	ppb
Zirconium	91-1	486.63	483.58	482.02	484.07	0.48	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-1	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:35:12	DataFile Name :	067SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10425.14	10240.22	10539.91	10401.76	1.45	ppb
Antimony	121-1	509.88	500.55	513.35	507.93	1.30	ppb
Arsenic	75-2	522.55	522.04	518.56	521.05	0.42	ppb
Barium	135-1	2585.53	2509.04	2571.59	2555.39	1.59	ppb
Barium	137-1	2576.48	2491.22	2558.51	2542.07	1.77	ppb
Beryllium	9-1	492.37	487.28	490.83	490.16	0.53	ppb
Bismuth	209-1				112		%
Bismuth	209-2				100		%
Boron	10-1	460.22	462.39	475.18	465.93	1.73	ppb
Boron	11-1	458.04	465.08	474.86	465.99	1.81	ppb
Cadmium	111-1	502.78	491.81	500.74	498.44	1.17	ppb
Cadmium	106-1	512.53	494.84	500.68	502.68	1.79	ppb
Cadmium	108-1	498.07	498.67	504.50	500.42	0.71	ppb
Calcium	43-1	49876.49	47560.46	49805.59	49080.84	2.68	ppb
Calcium	44-1	50304.96	48137.16	49469.20	49303.78	2.22	ppb
Chromium	52-2	525.40	524.36	541.34	530.37	1.79	ppb
Cobalt	59-2	527.32	525.92	540.67	531.30	1.53	ppb
Copper	63-2	1062.55	1049.90	1088.92	1067.12	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				115		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				92		%
Iron	56-2	27508.13	27587.70	28244.03	27779.96	1.45	ppb
Iron	57-2	27164.51	26685.79	27658.91	27169.74	1.79	ppb
Krypton	83-1						cps
Lead	206-1	509.71	502.49	507.96	506.72	0.74	ppb
Lead	207-1	515.02	509.24	521.52	515.26	1.19	ppb
Lead	208-1	516.02	502.78	512.12	510.31	1.33	ppb
Lithium	6-1				112		%
Magnesium	24-2	55245.12	54713.49	56277.02	55411.88	1.43	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-1	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:35:12	DataFile Name :	067SMPL_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1052.51	1047.30	1073.83	1057.88	1.33	ppb
Molybdenum	94-1	2551.01	2475.82	2561.29	2529.37	1.84	ppb
Molybdenum	95-1	2534.15	2495.50	2566.79	2532.15	1.41	ppb
Molybdenum	96-1	2569.88	2492.53	2589.92	2550.78	2.02	ppb
Molybdenum	97-1	2575.36	2493.74	2601.17	2556.76	2.19	ppb
Molybdenum	98-1	2533.89	2508.68	2549.31	2530.63	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	534.44	532.60	544.21	537.09	1.16	ppb
Phosphorus	31-2	10908.93	10473.90	11514.50	10965.78	4.77	ppb
Potassium	39-2	25165.45	25619.54	26034.61	25606.53	1.70	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				87		%
Selenium	77-2	492.54	489.08	513.62	498.41	2.67	ppb
Selenium	78-2	516.36	544.48	516.88	525.91	3.06	ppb
Selenium	82-1	506.50	498.71	510.88	505.37	1.22	ppb
Silicon	28-1	652.50	628.01	663.42	647.98	2.80	ppb
Silver	109-1	519.65	512.08	518.84	516.86	0.80	ppb
Silver	107-1	518.54	503.28	518.55	513.46	1.72	ppb
Sodium	23-2	54855.54	54396.39	55134.24	54795.39	0.68	ppb
Strontium	86-1	483.71	478.67	492.64	485.01	1.46	ppb
Strontium	88-1	494.34	485.59	504.58	494.84	1.92	ppb
Sulfur	34-1	9316.76	8217.77	8830.26	8788.26	6.27	ppb
Terbium	159-1				114		%
Terbium	159-2				103		%
Thallium	203-1	513.46	499.93	515.37	509.59	1.65	ppb
Thallium	205-1	505.92	496.71	507.18	503.27	1.14	ppb
Tin	118-1	493.30	474.87	495.45	487.88	2.32	ppb
Titanium	47-1	2612.90	2453.94	2547.05	2537.97	3.15	ppb
Uranium	238-1	489.34	477.66	488.97	485.32	1.37	ppb
Vanadium	51-2	526.74	525.22	539.65	530.54	1.49	ppb
Yttrium	89-1				108		%
Yttrium	89-2				93		%
Zinc	66-2	1064.34	1047.34	1093.02	1068.23	2.16	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-1	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:35:12	DataFile Name :	067SMPL_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	507.20	492.50	505.51	501.74	1.60	ppb
Zirconium	91-1	499.45	489.74	494.63	494.61	0.98	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-2	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:38:24	DataFile Name :	068LCS6_P8072818- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9851.67	10062.59	9694.72	9869.66	1.87	ppb
Antimony	121-1	500.13	500.19	498.86	499.73	0.15	ppb
Arsenic	75-2	506.13	509.49	495.45	503.69	1.46	ppb
Barium	135-1	2482.71	2480.74	2479.17	2480.87	0.07	ppb
Barium	137-1	2461.31	2478.80	2461.75	2467.29	0.40	ppb
Beryllium	9-1	484.18	483.46	479.06	482.23	0.57	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	467.71	484.20	482.02	477.97	1.87	ppb
Boron	11-1	471.38	482.85	486.30	480.18	1.63	ppb
Cadmium	111-1	486.71	488.66	490.15	488.51	0.35	ppb
Cadmium	106-1	496.13	498.23	502.49	498.95	0.65	ppb
Cadmium	108-1	495.40	501.14	498.19	498.24	0.58	ppb
Calcium	43-1	47789.20	47444.43	47969.09	47734.24	0.56	ppb
Calcium	44-1	48381.28	47477.89	48107.17	47988.78	0.97	ppb
Chromium	52-2	508.61	510.56	500.88	506.68	1.01	ppb
Cobalt	59-2	509.52	509.90	504.97	508.13	0.54	ppb
Copper	63-2	1027.54	1021.30	1016.81	1021.88	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				92		%
Iron	56-2	26629.10	26528.16	26188.42	26448.56	0.87	ppb
Iron	57-2	25858.82	25935.44	25850.48	25881.58	0.18	ppb
Krypton	83-1						cps
Lead	206-1	496.38	502.24	499.82	499.48	0.59	ppb
Lead	207-1	500.70	503.80	501.06	501.85	0.34	ppb
Lead	208-1	498.06	499.63	499.08	498.92	0.16	ppb
Lithium	6-1				109		%
Magnesium	24-2	52558.07	52591.40	52219.31	52456.26	0.39	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-2	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:38:24	DataFile Name :	068LCS6_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1015.23	1028.93	1002.26	1015.47	1.31	ppb
Molybdenum	94-1	2496.92	2518.50	2508.10	2507.84	0.43	ppb
Molybdenum	95-1	2472.55	2517.85	2484.00	2491.47	0.95	ppb
Molybdenum	96-1	2469.21	2508.56	2481.47	2486.41	0.81	ppb
Molybdenum	97-1	2469.82	2498.89	2504.55	2491.09	0.75	ppb
Molybdenum	98-1	2440.69	2505.12	2476.34	2474.05	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.27	517.40	509.44	513.37	0.77	ppb
Phosphorus	31-2	9705.13	10800.85	9577.76	10027.92	6.71	ppb
Potassium	39-2	24504.75	24276.07	24344.18	24375.00	0.48	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				88		%
Selenium	77-2	488.68	602.82	578.66	556.72	10.80	ppb
Selenium	78-2	547.11	462.77	511.46	507.11	8.35	ppb
Selenium	82-1	491.22	493.19	493.68	492.70	0.26	ppb
Silicon	28-1	497.50	499.80	510.87	502.72	1.42	ppb
Silver	109-1	504.42	509.05	504.09	505.85	0.55	ppb
Silver	107-1	500.21	507.70	502.93	503.62	0.75	ppb
Sodium	23-2	52404.17	53134.01	52470.53	52669.57	0.77	ppb
Strontium	86-1	484.96	486.66	485.56	485.73	0.18	ppb
Strontium	88-1	495.28	499.18	498.93	497.80	0.44	ppb
Sulfur	34-1	8863.52	8621.45	8920.12	8801.70	1.80	ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	502.77	499.91	497.62	500.10	0.52	ppb
Thallium	205-1	490.20	494.94	489.08	491.40	0.63	ppb
Tin	118-1	504.14	501.57	497.85	501.19	0.63	ppb
Titanium	47-1	2480.25	2497.09	2505.46	2494.27	0.51	ppb
Uranium	238-1	485.18	484.13	484.49	484.60	0.11	ppb
Vanadium	51-2	507.88	511.00	502.04	506.97	0.90	ppb
Yttrium	89-1				106		%
Yttrium	89-2				93		%
Zinc	66-2	1059.03	1068.95	1052.24	1060.08	0.79	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-2	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:38:24	DataFile Name :	068LCS6_P8072818- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	501.59	497.01	500.76	499.79	0.49	ppb
Zirconium	91-1	483.72	485.92	485.84	485.16	0.26	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-3	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:41:38	DataFile Name :	069LCS6_P8072818- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10012.45	10922.09	9933.80	10289.45	5.34	ppb
Antimony	121-1	497.69	490.50	492.33	493.51	0.76	ppb
Arsenic	75-2	498.78	534.30	500.01	511.03	3.95	ppb
Barium	135-1	2485.91	2442.71	2473.64	2467.42	0.90	ppb
Barium	137-1	2479.39	2454.29	2437.61	2457.10	0.86	ppb
Beryllium	9-1	486.06	477.55	483.52	482.38	0.91	ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	10-1	480.45	475.02	486.94	480.80	1.24	ppb
Boron	11-1	471.02	479.55	491.23	480.60	2.11	ppb
Cadmium	111-1	489.02	484.30	482.11	485.14	0.73	ppb
Cadmium	106-1	499.23	495.31	482.21	492.25	1.81	ppb
Cadmium	108-1	493.70	482.81	477.61	484.71	1.69	ppb
Calcium	43-1	48293.96	48164.91	47031.14	47830.00	1.45	ppb
Calcium	44-1	48197.53	47936.95	47428.60	47854.36	0.82	ppb
Chromium	52-2	510.85	558.33	505.47	524.88	5.54	ppb
Cobalt	59-2	514.63	561.34	507.97	527.98	5.51	ppb
Copper	63-2	1024.23	1126.12	1013.48	1054.61	5.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				92		%
Iron	56-2	26485.30	29106.04	26191.59	27260.98	5.89	ppb
Iron	57-2	25820.70	28388.00	25441.85	26550.19	6.04	ppb
Krypton	83-1						cps
Lead	206-1	492.61	497.13	495.87	495.20	0.47	ppb
Lead	207-1	502.60	503.06	492.75	499.47	1.17	ppb
Lead	208-1	494.61	499.92	490.66	495.06	0.94	ppb
Lithium	6-1				109		%
Magnesium	24-2	54255.01	58091.50	52375.21	54907.24	5.31	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-3	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:41:38	DataFile Name :	069LCS6_P8072818- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1022.05	1112.71	1008.54	1047.77	5.41	ppb
Molybdenum	94-1	2465.32	2484.12	2480.99	2476.81	0.41	ppb
Molybdenum	95-1	2465.24	2475.66	2462.30	2467.74	0.28	ppb
Molybdenum	96-1	2474.62	2464.93	2476.50	2472.02	0.25	ppb
Molybdenum	97-1	2479.44	2483.03	2476.72	2479.73	0.13	ppb
Molybdenum	98-1	2477.58	2465.71	2459.31	2467.53	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.62	565.05	506.87	528.85	5.97	ppb
Phosphorus	31-2	10473.38	11658.73	9854.50	10662.21	8.60	ppb
Potassium	39-2	24432.71	27104.64	24198.70	25245.35	6.39	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				86		%
Selenium	77-2	712.35	588.84	614.41	638.53	10.21	ppb
Selenium	78-2	491.99	511.83	466.56	490.13	4.63	ppb
Selenium	82-1	491.46	487.60	492.97	490.67	0.56	ppb
Silicon	28-1	494.90	499.71	488.78	494.46	1.11	ppb
Silver	109-1	505.61	500.51	498.04	501.39	0.77	ppb
Silver	107-1	503.52	499.95	496.39	499.95	0.71	ppb
Sodium	23-2	53498.27	57669.50	51862.40	54343.39	5.51	ppb
Strontium	86-1	486.08	478.86	482.05	482.33	0.75	ppb
Strontium	88-1	492.95	488.86	493.08	491.63	0.49	ppb
Sulfur	34-1	8653.95	8519.90	8272.51	8482.12	2.28	ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	493.99	506.07	487.14	495.73	1.93	ppb
Thallium	205-1	488.95	498.06	479.73	488.91	1.87	ppb
Tin	118-1	504.59	501.03	495.49	500.37	0.92	ppb
Titanium	47-1	2491.89	2476.07	2480.01	2482.66	0.33	ppb
Uranium	238-1	482.42	486.23	475.82	481.49	1.09	ppb
Vanadium	51-2	508.21	555.59	499.81	521.20	5.77	ppb
Yttrium	89-1				108		%
Yttrium	89-2				92		%
Zinc	66-2	1064.99	1156.29	1046.02	1089.10	5.41	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-3	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:41:38	DataFile Name :	069LCS6_P8072818- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	496.73	494.50	493.21	494.81	0.36	ppb
Zirconium	91-1	480.97	482.11	490.17	484.41	1.03	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-4	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:44:50	DataFile Name :	070LCS6_P8072818- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9938.58	10313.21	10185.91	10145.90	1.88	ppb
Antimony	121-1	509.92	507.14	507.57	508.21	0.29	ppb
Arsenic	75-2	512.72	522.56	517.78	517.69	0.95	ppb
Barium	135-1	2572.24	2526.89	2528.86	2542.66	1.01	ppb
Barium	137-1	2562.28	2529.03	2512.22	2534.51	1.01	ppb
Beryllium	9-1	496.40	487.27	486.73	490.13	1.11	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Boron	10-1	479.50	471.63	493.59	481.58	2.31	ppb
Boron	11-1	475.51	478.91	487.18	480.53	1.25	ppb
Cadmium	111-1	504.06	491.81	495.04	496.97	1.28	ppb
Cadmium	106-1	509.34	489.20	502.24	500.26	2.04	ppb
Cadmium	108-1	506.63	490.38	494.96	497.32	1.68	ppb
Calcium	43-1	49534.08	48238.31	49200.79	48991.06	1.37	ppb
Calcium	44-1	49885.60	49081.47	49198.71	49388.59	0.88	ppb
Chromium	52-2	505.85	525.53	527.18	519.52	2.28	ppb
Cobalt	59-2	511.17	530.07	529.17	523.47	2.04	ppb
Copper	63-2	1024.12	1062.64	1066.19	1050.99	2.22	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				115		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				93		%
Iron	56-2	26577.34	27311.31	27526.31	27138.32	1.83	ppb
Iron	57-2	25771.93	26805.97	27003.54	26527.15	2.49	ppb
Krypton	83-1						cps
Lead	206-1	515.51	506.55	506.26	509.44	1.03	ppb
Lead	207-1	518.80	505.87	505.27	509.98	1.50	ppb
Lead	208-1	515.91	506.17	501.95	508.01	1.41	ppb
Lithium	6-1				110		%
Magnesium	24-2	51880.14	54066.03	55034.70	53660.29	3.01	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-4	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:44:50	DataFile Name :	070LCS6_P8072818- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1016.76	1048.24	1054.00	1039.66	1.93	ppb
Molybdenum	94-1	2556.64	2487.83	2506.06	2516.84	1.42	ppb
Molybdenum	95-1	2532.44	2521.91	2484.50	2512.95	1.00	ppb
Molybdenum	96-1	2514.72	2491.58	2502.19	2502.83	0.46	ppb
Molybdenum	97-1	2548.88	2497.48	2512.00	2519.46	1.05	ppb
Molybdenum	98-1	2521.28	2474.10	2505.15	2500.18	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.19	533.29	529.80	525.09	2.15	ppb
Phosphorus	31-2	10118.24	10742.51	11377.58	10746.11	5.86	ppb
Potassium	39-2	24846.07	25510.31	25564.07	25306.82	1.58	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				89		%
Selenium	77-2	541.88	551.64	516.98	536.83	3.33	ppb
Selenium	78-2	528.66	556.29	559.62	548.19	3.10	ppb
Selenium	82-1	504.69	496.28	501.45	500.81	0.85	ppb
Silicon	28-1	588.37	579.70	590.67	586.25	0.99	ppb
Silver	109-1	515.93	509.59	508.02	511.18	0.82	ppb
Silver	107-1	512.71	511.63	509.57	511.30	0.31	ppb
Sodium	23-2	52723.51	54163.37	54599.28	53828.72	1.82	ppb
Strontium	86-1	489.46	481.12	487.19	485.93	0.89	ppb
Strontium	88-1	506.30	493.25	497.51	499.02	1.33	ppb
Sulfur	34-1	8968.75	8343.46	8454.48	8588.90	3.88	ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	510.34	515.59	499.15	508.36	1.65	ppb
Thallium	205-1	508.60	503.57	489.04	500.40	2.03	ppb
Tin	118-1	504.53	494.58	493.04	497.38	1.25	ppb
Titanium	47-1	2567.93	2507.92	2526.91	2534.25	1.21	ppb
Uranium	238-1	494.54	487.74	486.11	489.46	0.91	ppb
Vanadium	51-2	504.51	524.72	526.38	518.54	2.35	ppb
Yttrium	89-1				108		%
Yttrium	89-2				94		%
Zinc	66-2	1038.61	1086.65	1091.31	1072.19	2.72	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-4	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:44:50	DataFile Name :	070LCS6_P8072818- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.29	495.61	498.03	497.64	0.38	ppb
Zirconium	91-1	495.95	485.41	485.34	488.90	1.25	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:48:02	DataFile Name :	071CCV_P8072818- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50085.37	50552.22	51137.93	50591.84	1.04	ppb
Antimony	121-1	490.07	485.24	493.09	489.47	0.81	ppb
Arsenic	75-2	498.29	496.86	492.34	495.83	0.63	ppb
Barium	135-1	2467.57	2468.49	2493.44	2476.50	0.59	ppb
Barium	137-1	2446.12	2436.92	2451.83	2444.95	0.31	ppb
Beryllium	9-1	490.80	485.75	493.89	490.15	0.84	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	513.65	519.56	533.13	522.11	1.91	ppb
Boron	11-1	500.82	512.21	529.10	514.04	2.77	ppb
Cadmium	111-1	469.10	466.39	470.47	468.66	0.44	ppb
Cadmium	106-1	471.88	470.21	486.75	476.28	1.91	ppb
Cadmium	108-1	467.95	469.11	477.36	471.47	1.09	ppb
Calcium	43-1	238316.65	235387.45	238019.44	237241.18	0.68	ppb
Calcium	44-1	235793.49	232502.46	234720.99	234338.98	0.72	ppb
Chromium	52-2	504.82	502.41	507.17	504.80	0.47	ppb
Cobalt	59-2	491.15	487.26	490.17	489.53	0.41	ppb
Copper	63-2	958.26	947.83	952.14	952.74	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	127968.58	127313.99	128281.43	127854.67	0.39	ppb
Iron	57-2	127768.95	127557.42	129981.86	128436.07	1.05	ppb
Krypton	83-1						cps
Lead	206-1	508.61	501.53	508.29	506.14	0.79	ppb
Lead	207-1	501.12	497.51	502.51	500.38	0.52	ppb
Lead	208-1	500.53	497.23	504.27	500.68	0.70	ppb
Lithium	6-1				109		%
Magnesium	24-2	250124.01	252071.11	255141.85	252445.66	1.00	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:48:02	DataFile Name :	071CCV_P8072818- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	987.62	979.13	992.69	986.48	0.69	ppb
Molybdenum	94-1	2483.17	2453.47	2495.97	2477.54	0.88	ppb
Molybdenum	95-1	2461.26	2441.43	2484.51	2462.40	0.88	ppb
Molybdenum	96-1	2462.16	2420.53	2489.78	2457.49	1.42	ppb
Molybdenum	97-1	2483.00	2433.80	2496.47	2471.09	1.34	ppb
Molybdenum	98-1	2442.85	2424.81	2488.49	2452.05	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.39	485.98	497.51	491.62	1.17	ppb
Phosphorus	31-2	8545.88	9869.38	10391.77	9602.34	9.91	ppb
Potassium	39-2	124857.65	124986.02	127984.35	125942.67	1.40	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				93		%
Selenium	77-2	526.67	476.29	610.72	537.90	12.63	ppb
Selenium	78-2	499.10	501.79	494.48	498.46	0.74	ppb
Selenium	82-1	475.58	473.54	487.64	478.92	1.59	ppb
Silicon	28-1	508.14	496.23	507.17	503.85	1.31	ppb
Silver	109-1	483.30	479.40	478.31	480.34	0.55	ppb
Silver	107-1	480.84	476.29	483.51	480.22	0.76	ppb
Sodium	23-2	252510.38	252723.35	255024.26	253419.33	0.55	ppb
Strontium	86-1	479.47	477.93	492.00	483.13	1.60	ppb
Strontium	88-1	493.31	485.99	499.51	492.94	1.37	ppb
Sulfur	34-1	8572.77	8009.90	8455.17	8345.95	3.56	ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	499.01	499.27	502.69	500.32	0.41	ppb
Thallium	205-1	487.52	495.91	500.17	494.53	1.30	ppb
Tin	118-1	493.48	494.49	496.84	494.94	0.35	ppb
Titanium	47-1	2447.16	2424.85	2454.40	2442.14	0.63	ppb
Uranium	238-1	495.81	496.46	505.42	499.23	1.08	ppb
Vanadium	51-2	499.11	497.03	501.67	499.27	0.47	ppb
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	987.88	981.38	992.56	987.27	0.57	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:48:02	DataFile Name :	071CCV_P8072818- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	491.96	489.63	498.68	493.43	0.95	ppb
Zirconium	91-1	481.25	488.47	488.12	485.94	0.84	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 19:05:39	DataFile Name :	073LLCC_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.44	16.03	19.35	18.27	10.64	ppb
Antimony	121-1	2.01	2.03	2.07	2.04	1.61	ppb
Arsenic	75-2	1.13	0.97	0.65	0.92	26.77	ppb
Barium	135-1	9.26	9.12	9.20	9.19	0.75	ppb
Barium	137-1	9.48	9.49	9.53	9.50	0.29	ppb
Beryllium	9-1	1.06	1.17	1.24	1.16	7.86	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	32.47	33.23	29.67	31.79	5.89	ppb
Boron	11-1	31.40	33.26	33.37	32.68	3.40	ppb
Cadmium	111-1	0.82	0.85	0.89	0.85	4.02	ppb
Cadmium	106-1	-0.66	-0.07	0.42	-0.10		ppb
Cadmium	108-1	0.80	1.08	1.20	1.03	20.17	ppb
Calcium	43-1	460.49	453.94	424.02	446.15	4.36	ppb
Calcium	44-1	435.23	432.80	429.51	432.51	0.66	ppb
Chromium	52-2	2.08	1.83	1.94	1.95	6.42	ppb
Cobalt	59-2	1.05	0.97	1.04	1.02	4.12	ppb
Copper	63-2	2.01	1.96	2.12	2.03	4.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	56-2	51.32	53.23	51.49	52.01	2.03	ppb
Iron	57-2	52.97	65.57	50.91	56.48	14.05	ppb
Krypton	83-1						cps
Lead	206-1	1.01	1.00	1.04	1.02	2.28	ppb
Lead	207-1	1.02	0.99	0.94	0.98	4.09	ppb
Lead	208-1	0.99	0.96	0.99	0.98	1.71	ppb
Lithium	6-1				112		%
Magnesium	24-2	482.62	497.33	481.99	487.31	1.78	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 19:05:39	DataFile Name :	073LLCC_P8072818- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.97	0.94	0.85	0.92	6.86	ppb
Molybdenum	94-1	4.94	4.88	4.89	4.90	0.71	ppb
Molybdenum	95-1	4.74	4.69	4.78	4.74	0.99	ppb
Molybdenum	96-1	4.85	4.71	4.58	4.71	2.87	ppb
Molybdenum	97-1	4.91	4.77	4.53	4.73	4.02	ppb
Molybdenum	98-1	4.91	4.83	4.69	4.81	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.07	0.93	0.99	7.09	ppb
Phosphorus	31-2	-7.52	16.31	-7.52	0.42	3248.37	ppb
Potassium	39-2	524.90	513.11	505.98	514.66	1.86	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				92		%
Selenium	77-2	-1.97	4.13	-1.97	0.07	5262.37	ppb
Selenium	78-2	3.64	-0.29	2.68	2.01	101.84	ppb
Selenium	82-1	5.66	4.83	5.10	5.20	8.16	ppb
Silicon	28-1	2.12	6.07	0.33	2.84	103.31	ppb
Silver	109-1	0.99	1.00	0.98	0.99	1.21	ppb
Silver	107-1	0.92	0.97	1.00	0.96	3.90	ppb
Sodium	23-2	572.83	540.93	538.61	550.79	3.47	ppb
Strontium	86-1	0.86	1.01	0.84	0.90	9.92	ppb
Strontium	88-1	0.95	0.97	0.90	0.94	3.64	ppb
Sulfur	34-1	-982.30	-1315.81	-1226.41	-1174.84		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.93	0.99	0.96	0.96	3.08	ppb
Thallium	205-1	1.00	0.99	1.01	1.00	0.98	ppb
Tin	118-1	5.47	5.36	5.41	5.41	1.03	ppb
Titanium	47-1	4.86	4.22	4.45	4.51	7.17	ppb
Uranium	238-1	0.86	0.85	0.87	0.86	1.14	ppb
Vanadium	51-2	4.69	4.74	4.77	4.73	0.87	ppb
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	2.49	2.60	2.63	2.57	2.73	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 19:05:39	DataFile Name :	073LLCC_P8072818- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.99	1.01	0.99	1.00	1.48	ppb
Zirconium	91-1	0.99	1.03	1.11	1.04	5.75	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 19:26:46	DataFile Name :	074CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.54	-1.93	-1.51	-1.33		ppb
Antimony	121-1	0.09	0.10	0.12	0.11	15.43	ppb
Arsenic	75-2	0.03	0.00	-0.02	0.00	545.59	ppb
Barium	135-1	0.00	-0.01	0.02	0.01	305.44	ppb
Barium	137-1	0.01	0.00	0.01	0.01	106.31	ppb
Beryllium	9-1	0.19	0.07	0.09	0.12	53.30	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	6.04	5.64	5.82	5.83	3.44	ppb
Boron	11-1	6.26	5.79	7.24	6.43	11.52	ppb
Cadmium	111-1	-0.12	-0.08	-0.07	-0.09		ppb
Cadmium	106-1	-1.64	-1.19	-1.03	-1.29		ppb
Cadmium	108-1	-0.09	-0.06	-0.04	-0.06		ppb
Calcium	43-1	-0.34	-6.44	3.22	-1.19		ppb
Calcium	44-1	-8.22	-9.57	-5.17	-7.65		ppb
Chromium	52-2	-0.14	-0.11	0.00	-0.08		ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	428.15	ppb
Copper	63-2	-0.03	0.02	-0.01	-0.01		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				108		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	0.43	0.01	0.12	0.19	116.12	ppb
Iron	57-2	1.32	1.76	0.76	1.28	39.30	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.07	0.05	32.24	ppb
Lead	207-1	0.03	0.03	0.05	0.04	41.33	ppb
Lead	208-1	0.03	0.04	0.06	0.04	32.62	ppb
Lithium	6-1				108		%
Magnesium	24-2	-4.40	-1.91	-5.23	-3.85		ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 19:26:46	DataFile Name :	074CCBE_P8072818- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.11	-0.06	-0.20	-0.12		ppb
Molybdenum	94-1	0.03	0.04	0.07	0.05	54.33	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	16.56	ppb
Molybdenum	96-1	0.04	0.01	0.07	0.04	70.65	ppb
Molybdenum	97-1	0.03	-0.02	0.01	0.01	477.75	ppb
Molybdenum	98-1	0.01	0.03	0.04	0.02	64.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.10	-0.10	-0.09		ppb
Phosphorus	31-2	-7.52	-7.52	16.36	0.44	3126.82	ppb
Potassium	39-2	36.71	25.38	18.46	26.85	34.31	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				91		%
Selenium	77-2	-1.97	-1.97	-1.97	-1.97		ppb
Selenium	78-2	-1.27	0.72	-0.28	-0.28		ppb
Selenium	82-1	0.27	0.63	0.80	0.57	47.42	ppb
Silicon	28-1	-14.47	-15.02	-6.04	-11.84		ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.17	ppb
Silver	107-1	0.01	0.01	0.01	0.01	25.92	ppb
Sodium	23-2	49.19	48.53	47.75	48.49	1.49	ppb
Strontium	86-1	0.04	-0.01	0.03	0.02	139.52	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	23.78	ppb
Sulfur	34-1	-848.09	-989.50	857.34	-326.75		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.02	0.03	33.83	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	11.79	ppb
Tin	118-1	0.73	0.71	0.76	0.73	4.04	ppb
Titanium	47-1	0.04	0.03	0.01	0.02	61.49	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	0.27	0.15	0.11	0.18	46.48	ppb

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 19:26:46	DataFile Name :	074CCBE_P8072818- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.01	0.01	0.01	71.07	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	35.56	ppb

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 13:10:10 DataFile Name : 003CALB_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	18	25	23	19.26	cps
Antimony	121-1	58	42	33	44	28.65	cps
Arsenic	75-2	11	7	4	7	50.02	cps
Barium	135-1	100	67	67	78	24.74	cps
Barium	137-1	133	83	92	103	26.06	cps
Beryllium	9-1	56	50	83	63	28.37	cps
Bismuth	209-1	9579303	9458208	9226917	9421476	1.90	cps
Bismuth	209-2	2441022	2453844	2505054	2466640	1.37	cps
Boron	10-1	150	158	83	131	31.49	cps
Boron	11-1	383	417	383	394	4.88	cps
Cadmium	111-1	1595	1729	1477	1600	7.87	cps
Cadmium	106-1	2267	2459	2109	2278	7.70	cps
Cadmium	108-1	13	25	17	18	35.25	cps
Calcium	43-1	558	583	542	561	3.74	cps
Calcium	44-1	15359	15618	14984	15320	2.08	cps
Chromium	52-2	537	433	500	490	10.69	cps
Cobalt	59-2	83	103	93	93	10.71	cps
Copper	63-2	460	430	393	428	7.81	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	50	58	53	9.12	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	42	58	50	50	16.67	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	14321365	13960861	13824751	14035659	1.83	cps
Holmium	165-2	2938785	2961674	2968390	2956283	0.53	cps
Indium	115-1	10988416	10836874	10645988	10823759	1.59	cps
Indium	115-2	459031	461118	464635	461595	0.61	cps
Iron	56-2	1506	1356	1250	1370	9.37	cps
Iron	57-2	61	56	33	50	29.40	cps
Krypton	83-1	390	367	347	368	5.90	cps
Lead	206-1	294	239	283	272	10.80	cps
Lead	207-1	306	272	183	254	24.90	cps
Lead	208-1	1206	1145	1061	1137	6.38	cps
Lithium	6-1	1814038	1797620	1746738	1786132	1.96	cps
Magnesium	24-2	417	342	475	411	16.26	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:10:10	DataFile Name :	003CALB_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	77	73	72	7.05	cps
Molybdenum	94-1	500	533	433	489	10.42	cps
Molybdenum	95-1	250	217	208	225	9.80	cps
Molybdenum	96-1	283	267	333	294	11.78	cps
Molybdenum	97-1	175	192	208	192	8.69	cps
Molybdenum	98-1	350	350	408	369	9.12	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	153	170	158	6.79	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	2184	2284	2184	2217	2.60	cps
Rhodium	103-1	10193493	10170351	10040554	10134799	0.81	cps
Rhodium	103-2	2731057	2715007	2767526	2737864	0.98	cps
Scandium	45-1	6286491	6180581	6013137	6160070	2.24	cps
Scandium	45-2	50153	51886	51340	51126	1.73	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	-83	-53	-31	-55	-47.01	cps
Silicon	28-1	303831	300393	302588	302271	0.58	cps
Silver	109-1	25	33	25	28	17.31	cps
Silver	107-1	92	92	58	81	23.89	cps
Sodium	23-2	5493	5360	5076	5310	4.01	cps
Strontium	86-1	492	558	542	531	6.54	cps
Strontium	88-1	125	117	158	133	16.54	cps
Sulfur	34-1	376541	378874	377599	377671	0.31	cps
Terbium	159-1	14654763	14434518	14235575	14441619	1.45	cps
Terbium	159-2	2797840	2789872	2824050	2803920	0.64	cps
Thallium	203-1	150	133	92	125	24.04	cps
Thallium	205-1	367	342	292	333	11.46	cps
Tin	118-1	475	508	600	528	12.26	cps
Titanium	47-1	125	117	83	108	20.35	cps
Uranium	238-1	558	458	558	525	11.00	cps
Vanadium	51-2	7	10	17	11	45.82	cps
Yttrium	89-1	11128419	11006529	11012022	11048990	0.62	cps
Yttrium	89-2	343749	340764	343944	342819	0.52	cps
Zinc	66-2	67	50	57	58	14.52	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:10:10	DataFile Name :	003CALB_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1150	792	1058	1000	18.62	cps
Zirconium	91-1	242	208	167	206	18.28	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:17:52	DataFile Name :	005CALS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160	133	140	144	9.86	cps
Antimony	121-1	16595	16436	16344	16458	0.77	cps
Arsenic	75-2	91	83	83	86	4.99	cps
Barium	135-1	17187	17304	18297	17596	3.47	cps
Barium	137-1	30052	30687	30796	30511	1.32	cps
Beryllium	9-1	1156	1172	1117	1148	2.48	cps
Bismuth	209-1	9822943	9398543	8535873	9252453	7.09	cps
Bismuth	209-2	2561717	2526936	2484546	2524400	1.53	cps
Boron	10-1	3117	2967	3192	3092	3.71	cps
Boron	11-1	13298	14391	15184	14291	6.62	cps
Cadmium	111-1	3347	3604	3106	3352	7.42	cps
Cadmium	106-1	2634	2609	2209	2484	9.60	cps
Cadmium	108-1	108	92	158	119	29.05	cps
Calcium	43-1	9812	9404	9420	9545	2.42	cps
Calcium	44-1	161587	164604	160843	162345	1.23	cps
Chromium	52-2	2164	2044	1970	2059	4.74	cps
Cobalt	59-2	1877	1773	1813	1821	2.86	cps
Copper	63-2	3424	3200	3334	3319	3.39	cps
Dysprosium	156-1	33	42	0	25	88.19	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	108	42	50	67	54.49	cps
Erbium	164-2	10	17	27	18	47.19	cps
Gadolinium	160-1	67	83	92	81	15.80	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	14635884	14288797	12961719	13962133	6.33	cps
Holmium	165-2	3067539	3052085	3034091	3051238	0.55	cps
Indium	115-1	11212427	10910467	9804237	10642377	6.97	cps
Indium	115-2	470392	467671	464303	467456	0.65	cps
Iron	56-2	27678	27066	27995	27580	1.71	cps
Iron	57-2	694	800	689	728	8.60	cps
Krypton	83-1	317	307	373	332	10.82	cps
Lead	206-1	6185	6041	5690	5972	4.26	cps
Lead	207-1	5707	5474	5479	5553	2.40	cps
Lead	208-1	24732	24916	24126	24592	1.68	cps
Lithium	6-1	1858256	1814460	1677925	1783547	5.27	cps
Magnesium	24-2	14124	13882	13824	13943	1.14	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 13:17:52 DataFile Name : 005CALS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	287	320	313	307	5.75	cps
Molybdenum	94-1	14825	14166	14617	14536	2.32	cps
Molybdenum	95-1	17228	17871	16486	17195	4.03	cps
Molybdenum	96-1	19431	18864	19081	19125	1.50	cps
Molybdenum	97-1	10980	10972	11105	11019	0.68	cps
Molybdenum	98-1	26995	27621	28247	27621	2.27	cps
Neodymium	150-1	0	33	0	11	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	627	617	673	639	4.73	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	9820	9720	10012	9851	1.51	cps
Rhodium	103-1	10527652	10228116	9436372	10064046	5.60	cps
Rhodium	103-2	2825375	2831598	2815862	2824278	0.28	cps
Scandium	45-1	6487179	6155176	5602502	6081619	7.35	cps
Scandium	45-2	51839	51096	50591	51175	1.23	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	13	11	6	10	38.99	cps
Selenium	82-1	583	592	543	573	4.60	cps
Silicon	28-1	357290	353759	356482	355843	0.52	cps
Silver	109-1	8153	8737	8253	8381	3.72	cps
Silver	107-1	9145	8603	9537	9095	5.16	cps
Sodium	23-2	36682	36949	37158	36929	0.65	cps
Strontium	86-1	3009	2842	2584	2812	7.62	cps
Strontium	88-1	19648	19615	19089	19451	1.61	cps
Sulfur	34-1	383646	381514	379253	381471	0.58	cps
Terbium	159-1	15125513	14619400	13260840	14335251	6.73	cps
Terbium	159-2	2927772	2901566	2851836	2893725	1.33	cps
Thallium	203-1	7286	6894	7302	7161	3.23	cps
Thallium	205-1	17588	17630	17338	17518	0.90	cps
Tin	118-1	28916	28581	28941	28813	0.70	cps
Titanium	47-1	4826	4709	4901	4812	2.01	cps
Uranium	238-1	23156	23006	22597	22919	1.26	cps
Vanadium	51-2	2780	2800	2947	2843	3.20	cps
Yttrium	89-1	11656986	11024862	10225155	10969001	6.54	cps
Yttrium	89-2	350015	349069	343253	347446	1.05	cps
Zinc	66-2	323	367	310	333	8.89	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:17:52	DataFile Name :	005CALS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11797	12064	12515	12125	2.99	cps
Zirconium	91-1	2500	2709	2717	2642	4.65	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:21:34	DataFile Name :	006CAL5_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5943	6075	5830	5949	2.06	cps
Antimony	121-1	419059	424815	421438	421771	0.69	cps
Arsenic	75-2	4529	4397	4334	4420	2.25	cps
Barium	135-1	459727	456950	454380	457019	0.59	cps
Barium	137-1	793805	804214	800589	799536	0.66	cps
Beryllium	9-1	54721	54476	55451	54883	0.92	cps
Bismuth	209-1	9759320	9660801	9735090	9718404	0.53	cps
Bismuth	209-2	2469184	2495669	2487414	2484089	0.55	cps
Boron	10-1	5768	6619	6744	6377	8.32	cps
Boron	11-1	28889	30534	30650	30024	3.28	cps
Cadmium	111-1	93734	94790	93415	93980	0.77	cps
Cadmium	106-1	11255	12465	12440	12053	5.73	cps
Cadmium	108-1	6506	6435	6648	6530	1.66	cps
Calcium	43-1	94122	94692	95095	94637	0.52	cps
Calcium	44-1	1591337	1587725	1563731	1580931	0.95	cps
Chromium	52-2	39643	39342	39175	39387	0.60	cps
Cobalt	59-2	85597	85162	84562	85107	0.61	cps
Copper	63-2	145027	146435	146199	145887	0.52	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	67	50	83	67	25.00	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	125	108	83	106	19.87	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Holmium	165-1	14705531	14797895	14763133	14755520	0.32	cps
Holmium	165-2	3011686	3055169	3024056	3030304	0.74	cps
Indium	115-1	11124743	11104654	11122598	11117331	0.10	cps
Indium	115-2	454057	463482	458728	458756	1.03	cps
Iron	56-2	1307877	1295130	1308066	1303691	0.57	cps
Iron	57-2	32795	32533	33819	33049	2.06	cps
Krypton	83-1	390	327	330	349	10.22	cps
Lead	206-1	302082	300811	304268	302387	0.58	cps
Lead	207-1	270567	269756	269605	269976	0.19	cps
Lead	208-1	1220289	1214719	1223832	1219613	0.38	cps
Lithium	6-1	1875869	1880131	1874625	1876875	0.15	cps
Magnesium	24-2	145815	146051	147801	146556	0.74	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:21:34	DataFile Name :	006CAL5_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21727	21350	21453	21510	0.91	cps
Molybdenum	94-1	726330	719816	720009	722052	0.51	cps
Molybdenum	95-1	889180	886648	887536	887788	0.14	cps
Molybdenum	96-1	984491	990775	992896	989387	0.44	cps
Molybdenum	97-1	560424	557947	558664	559011	0.23	cps
Molybdenum	98-1	1419934	1419935	1430988	1423619	0.45	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	24842	25206	24842	24964	0.84	cps
Phosphorus	31-2	375	433	383	397	7.94	cps
Potassium	39-2	40325	39448	38554	39442	2.25	cps
Rhodium	103-1	10417358	10379663	10363624	10386882	0.27	cps
Rhodium	103-2	2760118	2810224	2755378	2775240	1.10	cps
Scandium	45-1	6402996	6321379	6407726	6377367	0.76	cps
Scandium	45-2	49046	50193	49326	49522	1.21	cps
Selenium	77-2	23	50	50	41	37.46	cps
Selenium	78-2	137	124	98	120	16.54	cps
Selenium	82-1	5411	5754	5585	5583	3.07	cps
Silicon	28-1	507393	509221	512803	509806	0.54	cps
Silver	109-1	435674	434297	434296	434756	0.18	cps
Silver	107-1	458604	461994	456337	458979	0.62	cps
Sodium	23-2	328905	324984	324583	326157	0.73	cps
Strontium	86-1	112838	112041	114140	113006	0.94	cps
Strontium	88-1	965513	987303	982587	978468	1.17	cps
Sulfur	34-1	412562	413702	411752	412672	0.24	cps
Terbium	159-1	15085256	15193018	15037940	15105405	0.53	cps
Terbium	159-2	2863050	2901700	2867746	2877499	0.73	cps
Thallium	203-1	362826	369498	369364	367229	1.04	cps
Thallium	205-1	878453	884864	893540	885619	0.85	cps
Tin	118-1	295339	294991	292136	294155	0.60	cps
Titanium	47-1	235957	233329	233956	234414	0.59	cps
Uranium	238-1	1188202	1187536	1184220	1186652	0.18	cps
Vanadium	51-2	28880	28653	28699	28744	0.42	cps
Yttrium	89-1	11477311	11496277	11488174	11487254	0.08	cps
Yttrium	89-2	339561	340786	340791	340379	0.21	cps
Zinc	66-2	12663	12623	12806	12697	0.76	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:21:34	DataFile Name :	006CALS_P8072818- M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	586750	605305	603456	598504	1.71	cps
Zirconium	91-1	134381	130580	134501	133154	1.67	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:25:18	DataFile Name :	007CAL5_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14018	13800	14161	13993	1.30	cps
Antimony	121-1	1069887	1068045	1066381	1068104	0.16	cps
Arsenic	75-2	10815	10749	10852	10806	0.49	cps
Barium	135-1	1140371	1146181	1136846	1141133	0.41	cps
Barium	137-1	2025986	2029492	1991984	2015821	1.03	cps
Beryllium	9-1	135639	135375	134669	135227	0.37	cps
Bismuth	209-1	9487283	9783847	9869832	9713654	2.07	cps
Bismuth	209-2	2468123	2482538	2495090	2481917	0.54	cps
Boron	10-1	15050	15209	14875	15045	1.11	cps
Boron	11-1	71806	72174	73304	72428	1.08	cps
Cadmium	111-1	230402	228923	231127	230151	0.49	cps
Cadmium	106-1	26469	25450	26585	26168	2.39	cps
Cadmium	108-1	16757	16231	16548	16512	1.60	cps
Calcium	43-1	235231	232344	231383	232986	0.86	cps
Calcium	44-1	3851180	3847051	3810962	3836398	0.58	cps
Chromium	52-2	94731	95211	95100	95014	0.26	cps
Cobalt	59-2	205315	205590	206005	205637	0.17	cps
Copper	63-2	354387	355680	355507	355191	0.20	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	17	0	20	12	87.67	cps
Gadolinium	160-1	67	83	58	69	18.33	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	14413999	14655479	14747128	14605536	1.18	cps
Holmium	165-2	2998522	3000812	3029113	3009482	0.57	cps
Indium	115-1	10815443	10983798	11097832	10965691	1.30	cps
Indium	115-2	451118	451557	453725	452133	0.31	cps
Iron	56-2	3219020	3265747	3215144	3233304	0.87	cps
Iron	57-2	80146	81431	79716	80431	1.11	cps
Krypton	83-1	317	280	290	296	6.41	cps
Lead	206-1	747223	746469	740860	744851	0.47	cps
Lead	207-1	674840	673710	676541	675030	0.21	cps
Lead	208-1	3046997	3049449	3033766	3043404	0.28	cps
Lithium	6-1	1856489	1889903	1847570	1864654	1.20	cps
Magnesium	24-2	347300	351860	348323	349161	0.69	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:25:18	DataFile Name :	007CAL5_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	52856	52254	52264	52458	0.66	cps
Molybdenum	94-1	1840632	1817542	1783054	1813742	1.60	cps
Molybdenum	95-1	2285152	2239024	2180437	2234871	2.35	cps
Molybdenum	96-1	2525573	2502093	2464180	2497282	1.24	cps
Molybdenum	97-1	1392388	1388542	1375190	1385373	0.65	cps
Molybdenum	98-1	3585290	3604928	3560588	3583602	0.62	cps
Neodymium	150-1	73	27	100	67	55.67	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	59785	60564	60641	60330	0.79	cps
Phosphorus	31-2	942	783	900	875	9.38	cps
Potassium	39-2	90691	91404	92093	91396	0.77	cps
Rhodium	103-1	10164642	10362711	10366312	10297888	1.12	cps
Rhodium	103-2	2762542	2731602	2749155	2747766	0.56	cps
Scandium	45-1	6162114	6369657	6354126	6295299	1.84	cps
Scandium	45-2	48958	48547	49862	49122	1.37	cps
Selenium	77-2	80	90	60	77	19.92	cps
Selenium	78-2	263	241	259	254	4.68	cps
Selenium	82-1	13595	13753	13694	13681	0.58	cps
Silicon	28-1	817047	824695	819136	820292	0.48	cps
Silver	109-1	1094780	1086510	1071711	1084334	1.08	cps
Silver	107-1	1134768	1131266	1144504	1136846	0.60	cps
Sodium	23-2	788874	786882	788574	788110	0.14	cps
Strontium	86-1	282766	281614	282365	282248	0.21	cps
Strontium	88-1	2492037	2472022	2440151	2468070	1.06	cps
Sulfur	34-1	450842	447268	445313	447808	0.63	cps
Terbium	159-1	14780452	15109815	15163436	15017901	1.38	cps
Terbium	159-2	2868540	2877249	2867891	2871227	0.18	cps
Thallium	203-1	922740	917693	913011	917815	0.53	cps
Thallium	205-1	2248119	2239372	2214316	2233936	0.79	cps
Tin	118-1	733555	732948	725099	730534	0.65	cps
Titanium	47-1	575670	577289	574611	575856	0.23	cps
Uranium	238-1	3038781	3063994	3054942	3052572	0.42	cps
Vanadium	51-2	70268	69756	69538	69854	0.54	cps
Yttrium	89-1	11322823	11382242	11407029	11370698	0.38	cps
Yttrium	89-2	337155	335668	336937	336587	0.24	cps
Zinc	66-2	29842	30193	30477	30171	1.05	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:25:18	DataFile Name :	007CALS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1573993	1514865	1493060	1527306	2.74	cps
Zirconium	91-1	337696	332919	330357	333658	1.12	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:28:53	DataFile Name :	008CAL5_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28553	27829	27944	28109	1.38	cps
Antimony	121-1	2193022	2200793	2193547	2195787	0.20	cps
Arsenic	75-2	21747	21454	21639	21613	0.69	cps
Barium	135-1	2377607	2371292	2364144	2371014	0.28	cps
Barium	137-1	4049820	4103880	4084331	4079344	0.67	cps
Beryllium	9-1	270589	268563	269354	269502	0.38	cps
Bismuth	209-1	9871286	9622722	10001132	9831713	1.96	cps
Bismuth	209-2	2526829	2524292	2499765	2516962	0.59	cps
Boron	10-1	29782	30801	31152	30578	2.33	cps
Boron	11-1	143537	147872	149108	146839	1.99	cps
Cadmium	111-1	468217	463434	466808	466153	0.53	cps
Cadmium	106-1	51131	50144	50663	50646	0.97	cps
Cadmium	108-1	33717	33717	33488	33641	0.39	cps
Calcium	43-1	466361	472290	462699	467116	1.04	cps
Calcium	44-1	7676079	7720119	7578742	7658314	0.94	cps
Chromium	52-2	186676	187947	187895	187506	0.38	cps
Cobalt	59-2	410960	408911	406902	408924	0.50	cps
Copper	63-2	705480	701734	701763	702992	0.31	cps
Dysprosium	156-1	42	50	67	53	24.12	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	33	75	92	67	45.07	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	108	67	83	86	24.35	cps
Gadolinium	160-2	10	10	0	7	86.60	cps
Holmium	165-1	15179824	14673342	15012790	14955319	1.73	cps
Holmium	165-2	3071009	3108030	3028512	3069184	1.30	cps
Indium	115-1	11227709	10825614	11105181	11052835	1.86	cps
Indium	115-2	452511	450922	442329	448587	1.22	cps
Iron	56-2	6361806	6309995	6299357	6323719	0.53	cps
Iron	57-2	157176	157906	158085	157722	0.31	cps
Krypton	83-1	353	317	350	340	5.96	cps
Lead	206-1	1521680	1531386	1536944	1530003	0.50	cps
Lead	207-1	1376972	1380046	1385998	1381005	0.33	cps
Lead	208-1	6296506	6305785	6339746	6314012	0.36	cps
Lithium	6-1	1892517	1827362	1868637	1862839	1.77	cps
Magnesium	24-2	700227	692511	684242	692327	1.15	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:28:53	DataFile Name :	008CAL5_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	104239	103392	103869	103833	0.41	cps
Molybdenum	94-1	3689107	3697599	3637518	3674741	0.88	cps
Molybdenum	95-1	4493414	4518987	4539250	4517217	0.51	cps
Molybdenum	96-1	5034350	5016057	4940984	4997130	0.99	cps
Molybdenum	97-1	2883552	2932608	2835532	2883898	1.68	cps
Molybdenum	98-1	7174977	7263294	7245748	7228006	0.65	cps
Neodymium	150-1	93	93	80	89	8.66	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	120959	119110	120183	120084	0.77	cps
Phosphorus	31-2	1725	1625	1875	1742	7.23	cps
Potassium	39-2	177895	177960	175734	177197	0.71	cps
Rhodium	103-1	10532814	10060191	10472909	10355304	2.48	cps
Rhodium	103-2	2770659	2791004	2708713	2756792	1.55	cps
Scandium	45-1	6344303	6177456	6361990	6294583	1.62	cps
Scandium	45-2	47758	48728	47547	48011	1.31	cps
Selenium	77-2	133	160	127	140	12.60	cps
Selenium	78-2	496	511	465	491	4.82	cps
Selenium	82-1	27960	28303	28412	28225	0.84	cps
Silicon	28-1	1227098	1236307	1229744	1231050	0.39	cps
Silver	109-1	2225562	2225421	2187523	2212836	0.99	cps
Silver	107-1	2329518	2341823	2293035	2321459	1.09	cps
Sodium	23-2	1591921	1557444	1567118	1572161	1.13	cps
Strontium	86-1	570014	568859	568252	569042	0.16	cps
Strontium	88-1	4989771	4974717	4879031	4947840	1.21	cps
Sulfur	34-1	512085	507487	506865	508813	0.56	cps
Terbium	159-1	15606027	14943186	15428790	15326001	2.24	cps
Terbium	159-2	2937946	2911908	2892096	2913983	0.79	cps
Thallium	203-1	1906069	1934880	1912351	1917766	0.79	cps
Thallium	205-1	4511717	4539749	4518969	4523478	0.32	cps
Tin	118-1	1492829	1499143	1508390	1500121	0.52	cps
Titanium	47-1	1163255	1170510	1164253	1166006	0.34	cps
Uranium	238-1	6068181	6173643	6199651	6147158	1.13	cps
Vanadium	51-2	139415	139058	138539	139004	0.32	cps
Yttrium	89-1	11613583	11317192	11587225	11506000	1.43	cps
Yttrium	89-2	337561	338111	332875	336182	0.86	cps
Zinc	66-2	60351	61121	60542	60671	0.66	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:28:53	DataFile Name :	008CALS_P8072818- M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3135592	3186511	3119674	3147259	1.11	cps
Zirconium	91-1	678476	685795	675876	680049	0.76	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:32:23	DataFile Name :	009CAL5_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54048	54101	52919	53689	1.24	cps
Antimony	121-1	4407399	4445461	4395475	4416112	0.59	cps
Arsenic	75-2	41785	41250	41380	41472	0.67	cps
Barium	135-1	4739295	4763918	4707886	4737033	0.59	cps
Barium	137-1	8149873	8199423	8065519	8138272	0.83	cps
Beryllium	9-1	526764	523809	519818	523464	0.67	cps
Bismuth	209-1	10121162	9958370	10169553	10083029	1.10	cps
Bismuth	209-2	2452990	2475920	2429174	2452695	0.95	cps
Boron	10-1	59348	62746	60704	60933	2.81	cps
Boron	11-1	283688	292071	291736	289165	1.64	cps
Cadmium	111-1	929203	929845	924514	927854	0.31	cps
Cadmium	106-1	99877	100792	99390	100020	0.71	cps
Cadmium	108-1	66174	65751	65416	65781	0.58	cps
Calcium	43-1	918263	920659	921119	920014	0.17	cps
Calcium	44-1	15065180	15224896	15139471	15143182	0.53	cps
Chromium	52-2	361625	360101	355635	359120	0.87	cps
Cobalt	59-2	789476	786214	775378	783689	0.94	cps
Copper	63-2	1357371	1347947	1336311	1347210	0.78	cps
Dysprosium	156-1	92	158	133	128	26.36	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	33	67	50	50	33.34	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	167	83	92	114	40.30	cps
Gadolinium	160-2	20	3	7	10	88.20	cps
Holmium	165-1	15675265	15395422	15502785	15524491	0.91	cps
Holmium	165-2	3021029	3033705	3000823	3018519	0.55	cps
Indium	115-1	11317389	11249065	11320878	11295777	0.36	cps
Indium	115-2	431544	436891	436736	435057	0.70	cps
Iron	56-2	12209793	12125249	11978445	12104495	0.97	cps
Iron	57-2	306514	303034	302474	304007	0.72	cps
Krypton	83-1	353	377	300	343	11.45	cps
Lead	206-1	3142885	3151426	3101940	3132084	0.84	cps
Lead	207-1	2845390	2848588	2852762	2848913	0.13	cps
Lead	208-1	12807762	12764099	12803202	12791688	0.19	cps
Lithium	6-1	1916079	1865739	1918626	1900148	1.57	cps
Magnesium	24-2	1323440	1343222	1324821	1330494	0.83	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:32:23	DataFile Name :	009CAL5_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	202285	199252	198278	199939	1.05	cps
Molybdenum	94-1	7204055	7395536	7186414	7262002	1.60	cps
Molybdenum	95-1	8990680	8955925	8910371	8952325	0.45	cps
Molybdenum	96-1	10017499	9961433	9925298	9968077	0.47	cps
Molybdenum	97-1	5740557	5746414	5685411	5724127	0.59	cps
Molybdenum	98-1	14412174	14497257	14589728	14499720	0.61	cps
Neodymium	150-1	233	213	220	222	4.58	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	231526	229580	228703	229936	0.63	cps
Phosphorus	31-2	3434	3234	3367	3345	3.04	cps
Potassium	39-2	337074	331123	328632	332276	1.31	cps
Rhodium	103-1	10542670	10298462	10576043	10472391	1.45	cps
Rhodium	103-2	2672167	2710867	2689125	2690720	0.72	cps
Scandium	45-1	6361604	6194413	6414552	6323523	1.82	cps
Scandium	45-2	46785	46229	45447	46154	1.46	cps
Selenium	77-2	317	290	307	304	4.43	cps
Selenium	78-2	980	982	930	964	3.05	cps
Selenium	82-1	55425	55958	55445	55609	0.54	cps
Silicon	28-1	2077579	2100120	2071129	2082943	0.73	cps
Silver	109-1	4429013	4373341	4351180	4384511	0.91	cps
Silver	107-1	4634224	4647922	4610840	4630995	0.40	cps
Sodium	23-2	2979866	2984577	2953187	2972543	0.57	cps
Strontium	86-1	1140485	1146001	1135389	1140625	0.47	cps
Strontium	88-1	9834216	9881367	9685937	9800507	1.04	cps
Sulfur	34-1	631909	629031	627470	629470	0.36	cps
Terbium	159-1	16004278	15714654	15993813	15904248	1.03	cps
Terbium	159-2	2853815	2888161	2856610	2866196	0.67	cps
Thallium	203-1	3894705	3865746	3846010	3868820	0.63	cps
Thallium	205-1	9127453	9102530	9051126	9093703	0.43	cps
Tin	118-1	3012531	3054719	3010345	3025865	0.83	cps
Titanium	47-1	2339733	2350451	2338639	2342941	0.28	cps
Uranium	238-1	12475201	12528012	12448012	12483742	0.33	cps
Vanadium	51-2	266648	267075	263836	265853	0.66	cps
Yttrium	89-1	11760358	11627267	11840503	11742709	0.92	cps
Yttrium	89-2	328427	329095	324641	327388	0.73	cps
Zinc	66-2	117354	116356	115180	116297	0.94	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:32:23	DataFile Name :	009CALS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6211902	6184346	6194819	6197022	0.22	cps
Zirconium	91-1	1359087	1362712	1346932	1356244	0.61	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:35:50	DataFile Name :	010CAL5_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103914	105173	104006	104364	0.67	cps
Antimony	121-1	8750588	8717507	8823391	8763829	0.62	cps
Arsenic	75-2	81490	81170	81513	81391	0.24	cps
Barium	135-1	9436667	9375176	9500966	9437603	0.67	cps
Barium	137-1	16185402	16292623	16330961	16269662	0.46	cps
Beryllium	9-1	1013382	1010797	1014844	1013008	0.20	cps
Bismuth	209-1	10111666	10149142	9318188	9859665	4.76	cps
Bismuth	209-2	2403721	2452238	2412895	2422951	1.06	cps
Boron	10-1	119158	121267	121511	120645	1.07	cps
Boron	11-1	562246	571117	584785	572716	1.98	cps
Cadmium	111-1	1864484	1826896	1856840	1849407	1.07	cps
Cadmium	106-1	193423	193284	194618	193775	0.38	cps
Cadmium	108-1	129763	131062	132556	131127	1.07	cps
Calcium	43-1	1809444	1841243	1835360	1828682	0.93	cps
Calcium	44-1	29703730	29503325	29527098	29578051	0.37	cps
Chromium	52-2	696705	703754	703090	701183	0.56	cps
Cobalt	59-2	1524091	1537211	1531487	1530930	0.43	cps
Copper	63-2	2641616	2618085	2642160	2633953	0.52	cps
Dysprosium	156-1	83	117	67	89	28.64	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	67	58	50	58	14.29	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	100	100	75	92	15.75	cps
Gadolinium	160-2	17	33	13	21	50.75	cps
Holmium	165-1	15841372	15679874	14305921	15275722	5.52	cps
Holmium	165-2	3025904	3058786	3011277	3031989	0.80	cps
Indium	115-1	11155832	11272733	10235279	10887948	5.22	cps
Indium	115-2	423879	432861	422219	426320	1.34	cps
Iron	56-2	23469939	23691200	23359684	23506941	0.72	cps
Iron	57-2	589627	591060	593114	591267	0.30	cps
Krypton	83-1	343	313	303	320	6.51	cps
Lead	206-1	6204743	6153891	6246260	6201631	0.75	cps
Lead	207-1	5574447	5672202	5670074	5638908	0.99	cps
Lead	208-1	25314752	25168937	25550218	25344635	0.76	cps
Lithium	6-1	1896414	1864892	1738759	1833355	4.55	cps
Magnesium	24-2	2582369	2555600	2569157	2569042	0.52	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:35:50	DataFile Name :	010CAL5_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	387808	389596	388148	388517	0.24	cps
Molybdenum	94-1	14575914	14428554	14407882	14470783	0.63	cps
Molybdenum	95-1	17893196	17710616	17896253	17833355	0.60	cps
Molybdenum	96-1	19870287	19688680	20005759	19854909	0.80	cps
Molybdenum	97-1	11304104	11269770	11236553	11270142	0.30	cps
Molybdenum	98-1	28775752	28665027	28869870	28770216	0.36	cps
Neodymium	150-1	287	413	333	344	18.60	cps
Neodymium	150-2	17	10	3	10	66.70	cps
Nickel	60-2	441521	442977	446000	443499	0.52	cps
Phosphorus	31-2	6402	6860	7119	6794	5.35	cps
Potassium	39-2	640371	650021	642642	644345	0.78	cps
Rhodium	103-1	10252694	10389424	9370466	10004194	5.53	cps
Rhodium	103-2	2677610	2656323	2624896	2652943	1.00	cps
Scandium	45-1	6249122	6239042	5667522	6051895	5.50	cps
Scandium	45-2	44808	47202	45527	45846	2.68	cps
Selenium	77-2	480	530	530	513	5.62	cps
Selenium	78-2	1787	1869	1802	1819	2.39	cps
Selenium	82-1	109437	109177	109071	109228	0.17	cps
Silicon	28-1	3505264	3464323	3488112	3485900	0.59	cps
Silver	109-1	8555902	8432229	8556872	8515001	0.84	cps
Silver	107-1	9081979	8967630	9037592	9029067	0.64	cps
Sodium	23-2	5729444	5724740	5697543	5717242	0.30	cps
Strontium	86-1	2304318	2278908	2278553	2287260	0.65	cps
Strontium	88-1	19559178	19594759	19412109	19522015	0.50	cps
Sulfur	34-1	882121	879358	879155	880211	0.19	cps
Terbium	159-1	15999698	16159191	14533430	15564106	5.76	cps
Terbium	159-2	2885858	2911796	2829420	2875691	1.46	cps
Thallium	203-1	7656420	7593773	7739295	7663163	0.95	cps
Thallium	205-1	18345898	18157059	18395965	18299641	0.69	cps
Tin	118-1	5960982	5974131	6051274	5995462	0.81	cps
Titanium	47-1	4501755	4487938	4543700	4511131	0.64	cps
Uranium	238-1	25329685	25101520	25336341	25255849	0.53	cps
Vanadium	51-2	519875	522884	522252	521670	0.30	cps
Yttrium	89-1	11686315	11893359	10680096	11419923	5.68	cps
Yttrium	89-2	321236	329692	319351	323426	1.70	cps
Zinc	66-2	225310	227143	226187	226213	0.41	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:35:50	DataFile Name :	010CALS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12310805	12246088	12242195	12266362	0.31	cps
Zirconium	91-1	2784657	2739814	2733906	2752792	1.01	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:39:13	DataFile Name :	011CAL5_P8072818- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	554255	562339	567078	561224	1.16	cps
Antimony	121-1	27989	25308	24081	25793	7.75	cps
Arsenic	75-2	154	139	157	150	6.53	cps
Barium	135-1	2025	1892	1742	1886	7.52	cps
Barium	137-1	3009	3151	2992	3050	2.85	cps
Beryllium	9-1	644	611	539	598	9.02	cps
Bismuth	209-1	8743792	9523883	9323438	9197038	4.40	cps
Bismuth	209-2	2324496	2347003	2344039	2338513	0.52	cps
Boron	10-1	6018	5710	5101	5610	8.32	cps
Boron	11-1	27811	25123	23286	25407	8.96	cps
Cadmium	111-1	2249	2364	1949	2187	9.81	cps
Cadmium	106-1	2409	2767	2217	2464	11.33	cps
Cadmium	108-1	71	63	58	64	9.96	cps
Calcium	43-1	9343994	9303158	9445748	9364300	0.78	cps
Calcium	44-1	154402645	154303228	154722995	154476290	0.14	cps
Chromium	52-2	27247	27267	27420	27311	0.35	cps
Cobalt	59-2	18933	18913	19544	19130	1.87	cps
Copper	63-2	6655	6775	6758	6730	0.97	cps
Dysprosium	156-1	108	83	108	100	14.43	cps
Dysprosium	156-2	13	17	20	17	20.01	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	133	92	183	136	33.72	cps
Gadolinium	160-2	23	37	10	23	57.15	cps
Holmium	165-1	14336656	15682457	15325628	15114914	4.61	cps
Holmium	165-2	3042821	3082234	3043694	3056250	0.74	cps
Indium	115-1	10144763	11023257	10790667	10652896	4.27	cps
Indium	115-2	434182	436298	435227	435236	0.24	cps
Iron	56-2	119630700	120768064	121685514	120694759	0.85	cps
Iron	57-2	3048009	3072665	3076870	3065848	0.51	cps
Krypton	83-1	320	363	327	337	6.93	cps
Lead	206-1	39417	38905	38709	39011	0.94	cps
Lead	207-1	32854	32158	33456	32823	1.98	cps
Lead	208-1	152771	150662	152898	152111	0.83	cps
Lithium	6-1	1763604	1912142	1911355	1862367	4.59	cps
Magnesium	24-2	13357715	13493428	13509860	13453668	0.62	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:39:13	DataFile Name :	011CAL5_P8072818- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1980	2024	2027	2010	1.30	cps
Molybdenum	94-1	20717	19214	18672	19534	5.42	cps
Molybdenum	95-1	32498	30861	30201	31187	3.79	cps
Molybdenum	96-1	36391	36116	34779	35762	2.41	cps
Molybdenum	97-1	20483	19523	19365	19790	3.06	cps
Molybdenum	98-1	50763	50295	48689	49915	2.18	cps
Neodymium	150-1	100	167	147	138	24.83	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	14681	14688	14932	14767	0.97	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3442824	3519933	3556886	3506548	1.66	cps
Rhodium	103-1	9078036	9919159	9714378	9570524	4.58	cps
Rhodium	103-2	2573881	2566565	2577117	2572521	0.21	cps
Scandium	45-1	5782777	6379642	6253698	6138706	5.13	cps
Scandium	45-2	47912	47821	47784	47839	0.14	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	115	48	103	88	40.35	cps
Silicon	28-1	494065	507994	511385	504481	1.82	cps
Silver	109-1	1150	1008	867	1008	14.05	cps
Silver	107-1	1158	1017	1050	1075	6.89	cps
Sodium	23-2	29998757	30383002	30390982	30257580	0.74	cps
Strontium	86-1	11447	11714	11497	11553	1.23	cps
Strontium	88-1	97237	97036	98412	97562	0.76	cps
Sulfur	34-1	356039	363850	367350	362413	1.60	cps
Terbium	159-1	14656814	15947050	15524904	15376256	4.28	cps
Terbium	159-2	2884796	2911013	2884963	2893591	0.52	cps
Thallium	203-1	5043	4584	4168	4598	9.52	cps
Thallium	205-1	12340	11147	10079	11189	10.11	cps
Tin	118-1	16611	15735	15259	15868	4.32	cps
Titanium	47-1	2559	2217	2225	2334	8.35	cps
Uranium	238-1	2792	2059	2034	2295	18.78	cps
Vanadium	51-2	197	203	243	214	11.77	cps
Yttrium	89-1	10716497	11714884	11499868	11310416	4.65	cps
Yttrium	89-2	335877	337871	334851	336200	0.46	cps
Zinc	66-2	1767	1720	1690	1726	2.24	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:39:13	DataFile Name :	011CALS_P8072818- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4226	3842	3859	3976	5.45	cps
Zirconium	91-1	892	1008	892	931	7.24	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 13:49:22 DataFile Name : 012ICV01_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3276	2971	3101	3116	4.91	cps
Antimony	121-1	1798574	1784737	1798775	1794029	0.45	cps
Arsenic	75-2	18225	17700	17812	17912	1.54	cps
Barium	135-1	191180	192711	190375	191422	0.62	cps
Barium	137-1	337814	339788	343196	340266	0.80	cps
Beryllium	9-1	112016	110074	111747	111279	0.95	cps
Bismuth	209-1	10433797	10365067	9746632	10181832	3.72	cps
Bismuth	209-2	2591999	2553943	2511414	2552452	1.58	cps
Boron	10-1	66245	67350	69418	67671	2.38	cps
Boron	11-1	308836	323888	329285	320669	3.30	cps
Cadmium	111-1	199681	199690	199495	199622	0.06	cps
Cadmium	106-1	33008	33183	33743	33312	1.15	cps
Cadmium	108-1	17566	18000	18296	17954	2.05	cps
Calcium	43-1	41697	42265	43393	42451	2.03	cps
Calcium	44-1	674132	679383	683915	679144	0.72	cps
Chromium	52-2	76344	75529	76176	76016	0.57	cps
Cobalt	59-2	172081	169834	170232	170716	0.70	cps
Copper	63-2	149261	148954	147425	148547	0.66	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	108	33	42	61	67.27	cps
Erbium	164-2	10	20	33	21	55.45	cps
Gadolinium	160-1	117	158	83	119	31.46	cps
Gadolinium	160-2	10	10	20	13	43.30	cps
Holmium	165-1	15524461	15592017	14571716	15229398	3.75	cps
Holmium	165-2	3094707	3066281	3040350	3067112	0.89	cps
Indium	115-1	11617859	11643006	10895207	11385357	3.73	cps
Indium	115-2	453798	452040	451523	452454	0.26	cps
Iron	56-2	532523	526584	524200	527769	0.81	cps
Iron	57-2	13913	13462	13251	13542	2.50	cps
Krypton	83-1	360	297	343	333	9.85	cps
Lead	206-1	1287440	1301534	1299588	1296187	0.59	cps
Lead	207-1	1128798	1126826	1135367	1130330	0.40	cps
Lead	208-1	5289430	5296439	5313358	5299742	0.23	cps
Lithium	6-1	1964480	1994824	1909581	1956295	2.21	cps
Magnesium	24-2	35687	34551	35278	35172	1.64	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:49:22	DataFile Name :	012ICV01_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21397	21761	21270	21476	1.19	cps
Molybdenum	94-1	3279375	3259388	3316427	3285063	0.88	cps
Molybdenum	95-1	1917114	1944636	1961634	1941128	1.16	cps
Molybdenum	96-1	2421592	2422688	2444479	2429586	0.53	cps
Molybdenum	97-1	1178450	1176058	1193631	1182713	0.81	cps
Molybdenum	98-1	3036930	3052688	3072346	3053988	0.58	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50678	50792	50170	50547	0.66	cps
Phosphorus	31-2	0	25	0	8	173.21	cps
Potassium	39-2	33031	32321	32037	32463	1.58	cps
Rhodium	103-1	10829067	10887591	10295127	10670595	3.06	cps
Rhodium	103-2	2828719	2856175	2831912	2838935	0.53	cps
Scandium	45-1	6588405	6520028	6183260	6430565	3.37	cps
Scandium	45-2	49781	49664	48634	49360	1.28	cps
Selenium	77-2	153	127	150	143	10.14	cps
Selenium	78-2	457	470	363	430	13.63	cps
Selenium	82-1	23437	23717	23362	23505	0.80	cps
Silicon	28-1	295806	294443	300134	296794	1.00	cps
Silver	109-1	911814	913969	919364	915049	0.43	cps
Silver	107-1	945512	948721	954595	949609	0.49	cps
Sodium	23-2	139873	137786	137197	138285	1.02	cps
Strontium	86-1	1117455	1114794	1125025	1119091	0.47	cps
Strontium	88-1	9663505	9606669	9776837	9682337	0.89	cps
Sulfur	34-1	378562	379675	377099	378445	0.34	cps
Terbium	159-1	15803433	15805269	14971253	15526652	3.10	cps
Terbium	159-2	2950435	2918750	2928108	2932431	0.56	cps
Thallium	203-1	1626451	1661035	1618516	1635334	1.38	cps
Thallium	205-1	3958812	3966884	3931555	3952417	0.47	cps
Tin	118-1	3011520	2985287	2955041	2983949	0.95	cps
Titanium	47-1	459355	460344	461895	460531	0.28	cps
Uranium	238-1	12377235	12164664	12130831	12224243	1.09	cps
Vanadium	51-2	57775	57076	56684	57178	0.97	cps
Yttrium	89-1	11858348	11813244	11292064	11654552	2.70	cps
Yttrium	89-2	343219	341363	339956	341513	0.48	cps
Zinc	66-2	24843	25547	25590	25327	1.66	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 13:49:22	DataFile Name :	012ICV01_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6117330	6031896	6088211	6079146	0.71	cps
Zirconium	91-1	1328854	1319981	1335857	1328231	0.60	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:26:19	DataFile Name :	015LLIC_P8072818- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	138	153	120	137	11.90	cps
Antimony	121-1	16645	15768	15727	16046	3.23	cps
Arsenic	75-2	67	76	94	79	17.90	cps
Barium	135-1	16987	16745	16661	16797	1.01	cps
Barium	137-1	29475	29734	29701	29637	0.48	cps
Beryllium	9-1	922	1056	983	987	6.76	cps
Bismuth	209-1	10311307	10207395	10244800	10254501	0.51	cps
Bismuth	209-2	2466560	2489487	2561400	2505816	1.97	cps
Boron	10-1	3242	3467	3834	3514	8.50	cps
Boron	11-1	16093	15893	16552	16179	2.09	cps
Cadmium	111-1	3386	3465	3456	3436	1.25	cps
Cadmium	106-1	2742	2742	2559	2681	3.95	cps
Cadmium	108-1	167	150	133	150	11.11	cps
Calcium	43-1	9412	8970	8895	9092	3.07	cps
Calcium	44-1	149901	152436	153273	151870	1.16	cps
Chromium	52-2	1843	1974	1820	1879	4.40	cps
Cobalt	59-2	1630	1670	1547	1616	3.90	cps
Copper	63-2	3147	3010	3147	3102	2.54	cps
Dysprosium	156-1	8	42	17	22	78.07	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	50	25	75	50	50.00	cps
Erbium	164-2	7	20	10	12	56.76	cps
Gadolinium	160-1	58	50	58	56	8.67	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	15333861	15214575	15472753	15340396	0.84	cps
Holmium	165-2	3022287	3034998	3094956	3050747	1.27	cps
Indium	115-1	11531970	11593054	11533719	11552915	0.30	cps
Indium	115-2	446231	446769	459428	450809	1.66	cps
Iron	56-2	26420	25657	25112	25730	2.55	cps
Iron	57-2	622	583	594	600	3.34	cps
Krypton	83-1	370	380	287	346	14.83	cps
Lead	206-1	6074	5885	6129	6029	2.13	cps
Lead	207-1	5240	5563	5273	5359	3.31	cps
Lead	208-1	24532	24338	24833	24567	1.02	cps
Lithium	6-1	1997934	1981075	1973962	1984323	0.62	cps
Magnesium	24-2	13515	13407	13449	13457	0.41	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:26:19	DataFile Name :	015LLIC_P8072818- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	300	273	250	274	9.12	cps
Molybdenum	94-1	14316	15050	14758	14708	2.51	cps
Molybdenum	95-1	16369	17462	17245	17025	3.40	cps
Molybdenum	96-1	18305	18939	18822	18689	1.81	cps
Molybdenum	97-1	10088	10404	10546	10346	2.27	cps
Molybdenum	98-1	26886	26201	27846	26978	3.06	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	590	657	603	617	5.72	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	9545	8828	9254	9209	3.92	cps
Rhodium	103-1	10829343	10839200	10705964	10791502	0.69	cps
Rhodium	103-2	2738874	2784002	2849985	2790954	2.00	cps
Scandium	45-1	6493112	6496520	6545030	6511554	0.45	cps
Scandium	45-2	48591	48614	49821	49009	1.44	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	9	9	6	8	26.61	cps
Selenium	82-1	407	490	573	490	16.95	cps
Silicon	28-1	334382	332244	335299	333975	0.47	cps
Silver	109-1	8053	8295	8053	8133	1.72	cps
Silver	107-1	8461	9028	8528	8673	3.57	cps
Sodium	23-2	36272	35930	36999	36400	1.50	cps
Strontium	86-1	2792	2684	2734	2737	1.98	cps
Strontium	88-1	18789	17988	19173	18650	3.24	cps
Sulfur	34-1	393960	394826	392563	393783	0.29	cps
Terbium	159-1	15695415	15570770	15716313	15660833	0.50	cps
Terbium	159-2	2886093	2852339	2919611	2886014	1.17	cps
Thallium	203-1	7453	7127	7277	7286	2.23	cps
Thallium	205-1	18097	17037	17313	17482	3.15	cps
Tin	118-1	27913	28665	28773	28451	1.65	cps
Titanium	47-1	4226	4551	4217	4331	4.39	cps
Uranium	238-1	22288	21970	22137	22132	0.72	cps
Vanadium	51-2	2634	2514	2540	2563	2.46	cps
Yttrium	89-1	11766140	11828069	11753076	11782428	0.34	cps
Yttrium	89-2	332151	332009	340210	334790	1.40	cps
Zinc	66-2	317	320	370	336	8.90	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:26:19	DataFile Name :	015LLIC_P8072818- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14575	14150	13199	13974	5.04	cps
Zirconium	91-1	2850	3092	3242	3062	6.46	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:30:04	DataFile Name :	016CCBE_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	23	15	20	21.67	cps
Antimony	121-1	433	350	417	400	11.02	cps
Arsenic	75-2	4	0	0	1	173.21	cps
Barium	135-1	33	33	25	31	15.74	cps
Barium	137-1	42	67	50	53	24.12	cps
Beryllium	9-1	117	100	56	91	34.81	cps
Bismuth	209-1	10127797	10314429	10470138	10304121	1.66	cps
Bismuth	209-2	2537621	2592116	2570978	2566905	1.07	cps
Boron	10-1	742	692	667	700	5.46	cps
Boron	11-1	2950	2825	2842	2873	2.36	cps
Cadmium	111-1	1776	1765	1782	1774	0.48	cps
Cadmium	106-1	2534	2500	2542	2525	0.87	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	475	600	425	500	18.03	cps
Calcium	44-1	13832	14467	14258	14186	2.28	cps
Chromium	52-2	413	477	407	432	8.94	cps
Cobalt	59-2	60	87	80	76	18.37	cps
Copper	63-2	427	410	337	391	12.24	cps
Dysprosium	156-1	17	25	50	31	56.77	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	75	50	67	21.65	cps
Erbium	164-2	0	17	10	9	94.38	cps
Gadolinium	160-1	67	58	92	72	24.02	cps
Gadolinium	160-2	20	10	10	13	43.30	cps
Holmium	165-1	15297252	15380591	15574558	15417467	0.92	cps
Holmium	165-2	3071122	3123836	3092836	3095931	0.86	cps
Indium	115-1	11492879	11665878	11715141	11624633	1.00	cps
Indium	115-2	460733	465094	458908	461578	0.69	cps
Iron	56-2	1500	1600	1400	1500	6.67	cps
Iron	57-2	33	67	50	50	33.34	cps
Krypton	83-1	337	293	297	309	7.81	cps
Lead	206-1	300	278	172	250	27.31	cps
Lead	207-1	167	250	256	224	22.22	cps
Lead	208-1	1094	1039	950	1028	7.09	cps
Lithium	6-1	1964368	2008693	2030984	2001348	1.69	cps
Magnesium	24-2	375	342	300	339	11.09	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 14:30:04 DataFile Name : 016CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	50	50	61	31.50	cps
Molybdenum	94-1	633	517	583	578	10.13	cps
Molybdenum	95-1	192	117	267	192	39.13	cps
Molybdenum	96-1	392	392	392	392	0.00	cps
Molybdenum	97-1	150	150	117	139	13.86	cps
Molybdenum	98-1	258	267	258	261	1.84	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	67	70	88	38.42	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	2317	2550	2367	2411	5.10	cps
Rhodium	103-1	10826741	11055102	11009854	10963899	1.10	cps
Rhodium	103-2	2858826	2898727	2835829	2864461	1.11	cps
Scandium	45-1	6491249	6563009	6657735	6570664	1.27	cps
Scandium	45-2	49868	49440	49330	49546	0.57	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-19	12	26	6	388.55	cps
Silicon	28-1	282176	278640	281336	280718	0.66	cps
Silver	109-1	50	67	58	58	14.29	cps
Silver	107-1	83	133	117	111	22.91	cps
Sodium	23-2	8003	6952	6785	7247	9.11	cps
Strontium	86-1	467	525	450	481	8.20	cps
Strontium	88-1	183	125	133	147	21.43	cps
Sulfur	34-1	397191	396301	393941	395811	0.42	cps
Terbium	159-1	15581689	15787535	16094850	15821358	1.63	cps
Terbium	159-2	2923379	2940809	2915083	2926423	0.45	cps
Thallium	203-1	183	242	183	203	16.61	cps
Thallium	205-1	525	567	433	508	13.42	cps
Tin	118-1	742	717	775	745	3.93	cps
Titanium	47-1	133	92	225	150	45.47	cps
Uranium	238-1	17	17	58	31	78.72	cps
Vanadium	51-2	3	3	13	7	86.65	cps
Yttrium	89-1	11727448	12008404	11982076	11905976	1.30	cps
Yttrium	89-2	341199	343030	336313	340181	1.02	cps
Zinc	66-2	43	70	80	64	29.41	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:30:04	DataFile Name :	016CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1350	1433	1383	1389	3.02	cps
Zirconium	91-1	300	342	258	300	13.89	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:33:26	DataFile Name :	017ICSA01_P8072818-1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	504034	497122	497333	499496	0.79	cps
Antimony	121-1	9704	10446	10505	10218	4.37	cps
Arsenic	75-2	33	26	19	26	28.56	cps
Barium	135-1	2842	2834	2750	2809	1.80	cps
Barium	137-1	5135	5193	5051	5126	1.39	cps
Beryllium	9-1	422	450	339	404	14.32	cps
Bismuth	209-1	10196456	10121576	10197722	10171918	0.43	cps
Bismuth	209-2	2417583	2392253	2400957	2403598	0.54	cps
Boron	10-1	817	783	858	820	4.59	cps
Boron	11-1	3501	3284	3842	3542	7.95	cps
Cadmium	111-1	2262	2193	2463	2306	6.08	cps
Cadmium	106-1	2275	2117	2550	2314	9.48	cps
Cadmium	108-1	1204	1204	1163	1190	2.02	cps
Calcium	43-1	1883253	1855887	1860603	1866581	0.78	cps
Calcium	44-1	29850893	29963237	29778101	29864077	0.31	cps
Chromium	52-2	14257	14284	14478	14340	0.84	cps
Cobalt	59-2	1767	1954	1940	1887	5.52	cps
Copper	63-2	10868	10828	10924	10873	0.45	cps
Dysprosium	156-1	25	58	50	44	39.04	cps
Dysprosium	156-2	17	10	7	11	45.82	cps
Erbium	164-1	42	75	83	67	33.07	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	125	75	50	83	45.83	cps
Gadolinium	160-2	3	17	10	10	66.70	cps
Holmium	165-1	15784072	15730407	16080067	15864848	1.19	cps
Holmium	165-2	3044069	2980765	3033070	3019301	1.12	cps
Indium	115-1	11383925	11441317	11528054	11451099	0.63	cps
Indium	115-2	431560	426450	429895	429302	0.61	cps
Iron	56-2	48195550	48208786	48211412	48205249	0.02	cps
Iron	57-2	1205997	1206687	1200771	1204485	0.27	cps
Krypton	83-1	287	327	300	304	6.69	cps
Lead	206-1	30487	30537	30270	30431	0.47	cps
Lead	207-1	24140	24368	24457	24322	0.67	cps
Lead	208-1	116054	114708	114513	115091	0.73	cps
Lithium	6-1	1926454	1900708	1924092	1917085	0.74	cps
Magnesium	24-2	2615426	2617358	2607930	2613571	0.19	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 14:33:26 DataFile Name : 017ICSA01_P8072818-1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1563	1570	1570	1568	0.25	cps
Molybdenum	94-1	4045350	4028018	4030832	4034733	0.23	cps
Molybdenum	95-1	7042581	7203521	7045961	7097354	1.30	cps
Molybdenum	96-1	7583192	7603787	7561220	7582733	0.28	cps
Molybdenum	97-1	4545457	4524777	4506324	4525519	0.43	cps
Molybdenum	98-1	11419453	11417391	11329023	11388622	0.45	cps
Neodymium	150-1	47	40	73	53	33.08	cps
Neodymium	150-2	0	10	10	7	86.60	cps
Nickel	60-2	2477	2484	2457	2472	0.56	cps
Phosphorus	31-2	33942	32722	34961	33875	3.31	cps
Potassium	39-2	1360730	1343742	1350827	1351766	0.63	cps
Rhodium	103-1	10474831	10483774	10509701	10489435	0.17	cps
Rhodium	103-2	2668639	2657481	2660089	2662070	0.22	cps
Scandium	45-1	6388151	6330849	6329382	6349461	0.53	cps
Scandium	45-2	45908	44995	46019	45641	1.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	39	-4	47	27	101.72	cps
Silicon	28-1	395594	387459	390249	391101	1.06	cps
Silver	109-1	275	542	500	439	32.68	cps
Silver	107-1	392	525	558	492	17.94	cps
Sodium	23-2	5970831	5939433	5940767	5950344	0.30	cps
Strontium	86-1	76733	76548	77520	76934	0.67	cps
Strontium	88-1	664611	669622	669056	667763	0.41	cps
Sulfur	34-1	2475243	2443675	2453080	2457333	0.66	cps
Terbium	159-1	15916727	16113590	16225844	16085387	0.97	cps
Terbium	159-2	2917710	2838252	2857706	2871223	1.44	cps
Thallium	203-1	617	742	775	711	11.74	cps
Thallium	205-1	1609	1717	2059	1795	13.09	cps
Tin	118-1	1542	1700	1692	1645	5.42	cps
Titanium	47-1	1871881	1867188	1839456	1859508	0.94	cps
Uranium	238-1	425	442	475	447	5.69	cps
Vanadium	51-2	40	77	70	62	31.39	cps
Yttrium	89-1	11708872	11837381	11856677	11800977	0.68	cps
Yttrium	89-2	324619	322237	324981	323946	0.46	cps
Zinc	66-2	1427	1470	1340	1412	4.69	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:33:26	DataFile Name :	017ICSA01_P8072818-1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9145	7702	7035	7961	13.55	cps
Zirconium	91-1	1917	1650	1425	1664	14.79	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:36:41	DataFile Name :	018ICSB_P8072818- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	502731	500734	502258	501907	0.21	cps
Antimony	121-1	181162	183496	181020	181892	0.76	cps
Arsenic	75-2	1706	1545	1619	1623	4.97	cps
Barium	135-1	40755	40630	40187	40524	0.74	cps
Barium	137-1	71250	71486	71653	71463	0.28	cps
Beryllium	9-1	21750	21305	21511	21522	1.03	cps
Bismuth	209-1	10100420	10084716	10049215	10078117	0.26	cps
Bismuth	209-2	2464373	2449037	2395704	2436371	1.48	cps
Boron	10-1	8128	8545	8553	8408	2.89	cps
Boron	11-1	39079	38678	40533	39430	2.47	cps
Cadmium	111-1	39162	39690	38533	39128	1.48	cps
Cadmium	106-1	7336	7236	7628	7400	2.75	cps
Cadmium	108-1	4242	3967	4388	4199	5.09	cps
Calcium	43-1	1847624	1856311	1871979	1858638	0.66	cps
Calcium	44-1	30147462	29905304	30117307	30056691	0.44	cps
Chromium	52-2	29418	28890	28930	29079	1.01	cps
Cobalt	59-2	33116	33270	33099	33162	0.28	cps
Copper	63-2	38276	38517	37193	37995	1.86	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	17	3	3	8	99.04	cps
Erbium	164-1	83	42	67	64	32.83	cps
Erbium	164-2	13	3	20	12	68.66	cps
Gadolinium	160-1	100	142	117	119	17.55	cps
Gadolinium	160-2	17	23	20	20	16.65	cps
Holmium	165-1	15930570	15956374	15680142	15855695	0.96	cps
Holmium	165-2	3110705	3077563	3007592	3065287	1.72	cps
Indium	115-1	11610966	11551661	11459646	11540758	0.66	cps
Indium	115-2	435378	433001	424341	430907	1.35	cps
Iron	56-2	48291632	48016772	48137226	48148543	0.29	cps
Iron	57-2	1212824	1203456	1209285	1208522	0.39	cps
Krypton	83-1	243	393	310	316	23.82	cps
Lead	206-1	155944	157403	158803	157383	0.91	cps
Lead	207-1	130709	131782	132158	131550	0.57	cps
Lead	208-1	607478	612814	611044	610446	0.45	cps
Lithium	6-1	1887078	1921888	1896361	1901776	0.95	cps
Magnesium	24-2	2604074	2623146	2591780	2606334	0.61	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:36:41	DataFile Name :	018ICSB_P8072818- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5858	5795	5655	5769	1.80	cps
Molybdenum	94-1	4463077	4455977	4434249	4451101	0.34	cps
Molybdenum	95-1	7320495	7266925	7306728	7298049	0.38	cps
Molybdenum	96-1	7836626	7936174	7764799	7845866	1.10	cps
Molybdenum	97-1	4650311	4661475	4704706	4672164	0.61	cps
Molybdenum	98-1	11832092	11693167	11729059	11751439	0.61	cps
Neodymium	150-1	53	13	67	44	62.46	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	11582	11341	11558	11494	1.15	cps
Phosphorus	31-2	33115	34994	33917	34009	2.77	cps
Potassium	39-2	1364698	1362292	1370496	1365829	0.31	cps
Rhodium	103-1	10445165	10426408	10441852	10437808	0.10	cps
Rhodium	103-2	2743906	2683173	2647687	2691589	1.81	cps
Scandium	45-1	6364059	6465732	6390220	6406670	0.82	cps
Scandium	45-2	46975	46473	45999	46483	1.05	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	39	35	44	40	11.78	cps
Selenium	82-1	2247	2107	2220	2191	3.39	cps
Silicon	28-1	607492	606737	607746	607325	0.09	cps
Silver	109-1	165912	165405	165887	165735	0.17	cps
Silver	107-1	172500	174010	174717	173742	0.65	cps
Sodium	23-2	5950707	5985085	6024601	5986798	0.62	cps
Strontium	86-1	205763	208283	206277	206775	0.64	cps
Strontium	88-1	1834460	1840999	1835473	1836977	0.19	cps
Sulfur	34-1	2444397	2433973	2435088	2437819	0.23	cps
Terbium	159-1	16159036	16264896	16152598	16192177	0.39	cps
Terbium	159-2	2916760	2882805	2821840	2873802	1.67	cps
Thallium	203-1	156359	154049	158377	156262	1.39	cps
Thallium	205-1	375892	379015	380653	378520	0.64	cps
Tin	118-1	348214	351022	347970	349069	0.49	cps
Titanium	47-1	1920295	1951522	1921588	1931135	0.91	cps
Uranium	238-1	1453647	1458553	1445238	1452479	0.46	cps
Vanadium	51-2	10831	10668	10634	10711	0.98	cps
Yttrium	89-1	11906493	11925209	11945045	11925582	0.16	cps
Yttrium	89-2	331478	326868	320222	326189	1.73	cps
Zinc	66-2	3937	3837	3727	3834	2.74	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:36:41	DataFile Name :	018ICSB_P8072818- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	701391	702854	709527	704590	0.62	cps
Zirconium	91-1	155731	157695	157476	156967	0.69	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:39:57	DataFile Name :	019CCV_P8072818- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290216	295062	290857	292045	0.90	cps
Antimony	121-1	4418998	4500307	4462235	4460513	0.91	cps
Arsenic	75-2	42413	42931	43305	42883	1.04	cps
Barium	135-1	4875204	4849167	4832185	4852185	0.45	cps
Barium	137-1	8382313	8284991	8316228	8327844	0.60	cps
Beryllium	9-1	538846	540334	537692	538957	0.25	cps
Bismuth	209-1	9987887	9499593	9849278	9778920	2.57	cps
Bismuth	209-2	2292556	2411340	2395530	2366475	2.73	cps
Boron	10-1	63600	64261	65241	64367	1.28	cps
Boron	11-1	293312	301890	307463	300888	2.37	cps
Cadmium	111-1	919642	909822	920550	916671	0.65	cps
Cadmium	106-1	100204	97618	98979	98934	1.31	cps
Cadmium	108-1	66346	66094	65785	66075	0.43	cps
Calcium	43-1	4714118	4739779	4768469	4740789	0.57	cps
Calcium	44-1	77923675	77594050	77498562	77672095	0.29	cps
Chromium	52-2	388649	389378	386159	388062	0.43	cps
Cobalt	59-2	805609	808515	804455	806193	0.26	cps
Copper	63-2	1339719	1346827	1335626	1340724	0.42	cps
Dysprosium	156-1	58	83	50	64	27.15	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	33	75	117	75	55.56	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	92	117	100	103	12.38	cps
Gadolinium	160-2	30	17	27	24	28.38	cps
Holmium	165-1	15904029	15133574	15601692	15546432	2.50	cps
Holmium	165-2	2932792	3079286	3092836	3034971	2.92	cps
Indium	115-1	11361560	11026238	11198690	11195496	1.50	cps
Indium	115-2	415659	436414	437450	429841	2.86	cps
Iron	56-2	63043758	63667164	62957097	63222673	0.61	cps
Iron	57-2	1621293	1624980	1599000	1615091	0.87	cps
Krypton	83-1	320	233	367	307	22.06	cps
Lead	206-1	3167097	3151905	3181065	3166689	0.46	cps
Lead	207-1	2896924	2911775	2883638	2897446	0.49	cps
Lead	208-1	13006751	12891793	12988090	12962211	0.48	cps
Lithium	6-1	1934030	1868929	1928340	1910433	1.89	cps
Magnesium	24-2	6992776	7020720	6930801	6981432	0.66	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:39:57	DataFile Name :	019CCV_P8072818- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	208700	208745	207288	208244	0.40	cps
Molybdenum	94-1	7589961	7542568	7522362	7551630	0.46	cps
Molybdenum	95-1	9247535	9156587	9146028	9183383	0.61	cps
Molybdenum	96-1	10312334	10326637	10330296	10323089	0.09	cps
Molybdenum	97-1	5880366	5885378	5878129	5881291	0.06	cps
Molybdenum	98-1	14831484	14808945	14809885	14816771	0.09	cps
Neodymium	150-1	213	333	380	309	27.84	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	235913	237036	234230	235726	0.60	cps
Phosphorus	31-2	3809	3351	3717	3626	6.69	cps
Potassium	39-2	1847770	1841161	1835456	1841462	0.33	cps
Rhodium	103-1	10333098	9833847	10207914	10124953	2.57	cps
Rhodium	103-2	2554137	2669916	2691636	2638563	2.80	cps
Scandium	45-1	6504085	6172107	6444139	6373444	2.78	cps
Scandium	45-2	46209	48336	48594	47713	2.74	cps
Selenium	77-2	290	297	263	283	6.23	cps
Selenium	78-2	926	939	969	944	2.31	cps
Selenium	82-1	55447	56128	55468	55681	0.70	cps
Silicon	28-1	2095825	2136550	2127939	2120105	1.01	cps
Silver	109-1	4360956	4336320	4384221	4360499	0.55	cps
Silver	107-1	4596962	4600187	4644652	4613934	0.58	cps
Sodium	23-2	15613172	15827308	15806590	15749023	0.75	cps
Strontium	86-1	1171202	1158051	1168530	1165928	0.60	cps
Strontium	88-1	10131018	10195745	10183621	10170128	0.34	cps
Sulfur	34-1	634031	636279	637363	635891	0.27	cps
Terbium	159-1	16075456	15581734	16062513	15906568	1.77	cps
Terbium	159-2	2783615	2935599	2903455	2874223	2.79	cps
Thallium	203-1	3895972	3896219	3914641	3902277	0.27	cps
Thallium	205-1	9220910	9042220	9135079	9132736	0.98	cps
Tin	118-1	3103183	3102835	3069511	3091843	0.63	cps
Titanium	47-1	2404339	2427252	2419918	2417170	0.48	cps
Uranium	238-1	12926306	12813780	12807579	12849222	0.52	cps
Vanadium	51-2	282316	283276	280379	281990	0.52	cps
Yttrium	89-1	12089239	11446372	11596817	11710809	2.87	cps
Yttrium	89-2	322243	337252	333457	330984	2.36	cps
Zinc	66-2	116883	117805	116991	117227	0.43	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV65	Instrumnet Name :	P8
Client Sample ID :	CCV65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:39:57	DataFile Name :	019CCV_P8072818- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6443832	6427018	6402051	6424301	0.33	cps
Zirconium	91-1	1423966	1431197	1420231	1425131	0.39	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:49:09	DataFile Name :	020LLCC_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130	130	113	124	8.14	cps
Antimony	121-1	18564	18747	19064	18792	1.35	cps
Arsenic	75-2	81	74	61	72	14.28	cps
Barium	135-1	16870	17755	17687	17437	2.82	cps
Barium	137-1	29894	29684	29200	29593	1.20	cps
Beryllium	9-1	1145	1150	1111	1135	1.85	cps
Bismuth	209-1	10362110	9803903	10210943	10125652	2.85	cps
Bismuth	209-2	2531048	2566479	2536149	2544559	0.75	cps
Boron	10-1	3059	3734	3717	3503	10.99	cps
Boron	11-1	16218	15659	16769	16215	3.42	cps
Cadmium	111-1	3577	3528	3572	3559	0.76	cps
Cadmium	106-1	2734	2500	2525	2586	4.95	cps
Cadmium	108-1	154	104	125	128	19.66	cps
Calcium	43-1	8987	9320	8753	9020	3.16	cps
Calcium	44-1	153439	150964	151199	151867	0.90	cps
Chromium	52-2	1783	2004	2000	1929	6.54	cps
Cobalt	59-2	1613	1597	1603	1605	0.52	cps
Copper	63-2	3144	3070	3154	3123	1.46	cps
Dysprosium	156-1	50	8	33	31	68.64	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	75	67	61	28.38	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	92	100	67	86	20.15	cps
Gadolinium	160-2	10	13	23	16	44.60	cps
Holmium	165-1	15518902	14920839	15267389	15235710	1.97	cps
Holmium	165-2	3089797	3093437	3088323	3090519	0.09	cps
Indium	115-1	11690718	11236184	11600155	11509019	2.09	cps
Indium	115-2	458338	459493	456582	458138	0.32	cps
Iron	56-2	26793	26431	26019	26414	1.47	cps
Iron	57-2	706	722	572	667	12.33	cps
Krypton	83-1	290	360	293	314	12.56	cps
Lead	206-1	6446	6619	6502	6522	1.35	cps
Lead	207-1	5551	5818	5929	5766	3.37	cps
Lead	208-1	25694	26434	26317	26148	1.52	cps
Lithium	6-1	1942817	1888745	1938172	1923245	1.56	cps
Magnesium	24-2	13640	13248	13182	13357	1.86	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:49:09	DataFile Name :	020LLCC_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	277	290	303	290	4.60	cps
Molybdenum	94-1	16093	15535	15451	15693	2.23	cps
Molybdenum	95-1	18680	17737	17988	18135	2.69	cps
Molybdenum	96-1	19681	19915	20057	19885	0.95	cps
Molybdenum	97-1	10771	10846	11022	10880	1.18	cps
Molybdenum	98-1	28723	29182	28072	28659	1.95	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	567	637	533	579	9.11	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	8920	9337	9745	9334	4.42	cps
Rhodium	103-1	10917735	10368924	10870830	10719163	2.84	cps
Rhodium	103-2	2855525	2851435	2842874	2849945	0.23	cps
Scandium	45-1	6486861	6160285	6477271	6374806	2.92	cps
Scandium	45-2	49219	48778	48156	48718	1.10	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	6	7	11	8	35.21	cps
Selenium	82-1	500	441	550	497	10.94	cps
Silicon	28-1	324342	322656	326061	324353	0.52	cps
Silver	109-1	8353	8295	8403	8350	0.65	cps
Silver	107-1	8195	8486	9204	8628	6.02	cps
Sodium	23-2	38503	38119	37659	38094	1.11	cps
Strontium	86-1	2559	2875	2592	2675	6.51	cps
Strontium	88-1	18822	18563	18805	18730	0.77	cps
Sulfur	34-1	369871	375027	374929	373275	0.79	cps
Terbium	159-1	15942869	15269728	15798675	15670424	2.26	cps
Terbium	159-2	2925123	2948735	2914300	2929386	0.60	cps
Thallium	203-1	8003	7819	8145	7989	2.04	cps
Thallium	205-1	18172	18723	18815	18570	1.87	cps
Tin	118-1	28106	28339	28832	28426	1.31	cps
Titanium	47-1	4684	4551	4584	4607	1.51	cps
Uranium	238-1	22980	23306	22897	23061	0.94	cps
Vanadium	51-2	2697	2454	2620	2590	4.80	cps
Yttrium	89-1	11906843	11308269	11803871	11672995	2.74	cps
Yttrium	89-2	340790	338038	338667	339165	0.43	cps
Zinc	66-2	333	330	260	308	13.45	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:49:09	DataFile Name :	020LLCC_P8072818- M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15560	15735	15092	15462	2.15	cps
Zirconium	91-1	3259	3267	3376	3301	1.97	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : CCB65 Instrumnet Name : P8
 Client Sample ID : CCB65 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 14:52:29 DataFile Name : 021CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	23	15	19	19.95	cps
Antimony	121-1	1308	1117	1208	1211	7.92	cps
Arsenic	75-2	13	4	0	6	120.21	cps
Barium	135-1	42	42	25	36	26.65	cps
Barium	137-1	83	58	108	83	30.00	cps
Beryllium	9-1	122	61	100	94	32.76	cps
Bismuth	209-1	10356777	10217920	10248820	10274506	0.71	cps
Bismuth	209-2	2434403	2569374	2581927	2528568	3.23	cps
Boron	10-1	733	808	658	733	10.23	cps
Boron	11-1	3909	3426	3259	3531	9.56	cps
Cadmium	111-1	1935	1907	1751	1864	5.33	cps
Cadmium	106-1	2750	2709	2484	2648	5.42	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	617	458	425	500	20.48	cps
Calcium	44-1	15217	15417	14767	15134	2.20	cps
Chromium	52-2	433	457	387	426	8.38	cps
Cobalt	59-2	80	93	80	84	9.12	cps
Copper	63-2	383	553	410	449	20.37	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	67	8	33	90.15	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	67	83	83	78	12.37	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	15529730	15425844	15461882	15472485	0.34	cps
Holmium	165-2	2952033	3059580	3117656	3043090	2.76	cps
Indium	115-1	11811563	11582590	11622386	11672180	1.05	cps
Indium	115-2	436922	456735	461236	451631	2.86	cps
Iron	56-2	1828	2045	1800	1891	7.08	cps
Iron	57-2	44	67	39	50	29.40	cps
Krypton	83-1	327	317	320	321	1.59	cps
Lead	206-1	517	483	450	483	6.90	cps
Lead	207-1	439	328	400	389	14.50	cps
Lead	208-1	1978	1745	1839	1854	6.33	cps
Lithium	6-1	1974749	1945047	1942261	1954019	0.92	cps
Magnesium	24-2	292	358	425	358	18.60	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:52:29	DataFile Name :	021CCBE_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	63	67	56	29.59	cps
Molybdenum	94-1	1050	842	1050	981	12.27	cps
Molybdenum	95-1	625	650	667	647	3.24	cps
Molybdenum	96-1	933	825	758	839	10.53	cps
Molybdenum	97-1	392	467	392	417	10.39	cps
Molybdenum	98-1	1075	1292	1083	1150	10.68	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	100	100	97	5.97	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2542	2442	2742	2575	5.93	cps
Rhodium	103-1	10868101	10769693	10836481	10824758	0.46	cps
Rhodium	103-2	2701581	2851164	2839671	2797472	2.98	cps
Scandium	45-1	6522510	6490768	6488742	6500673	0.29	cps
Scandium	45-2	46160	48517	50103	48260	4.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-33	9	-24	-16	-140.42	cps
Silicon	28-1	275203	273667	271877	273583	0.61	cps
Silver	109-1	208	133	125	156	29.51	cps
Silver	107-1	217	142	208	189	21.76	cps
Sodium	23-2	9287	9070	9170	9176	1.18	cps
Strontium	86-1	550	500	475	508	7.51	cps
Strontium	88-1	150	100	117	122	20.83	cps
Sulfur	34-1	374146	374008	377262	375139	0.49	cps
Terbium	159-1	15769116	15789405	15726900	15761807	0.20	cps
Terbium	159-2	2787785	2905826	2962442	2885351	3.09	cps
Thallium	203-1	633	575	717	642	11.10	cps
Thallium	205-1	1709	1342	1400	1483	13.28	cps
Tin	118-1	925	1025	958	970	5.25	cps
Titanium	47-1	208	167	117	164	28.00	cps
Uranium	238-1	75	50	75	67	21.65	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	11831560	11834341	11893559	11853153	0.30	cps
Yttrium	89-2	324340	334757	344988	334695	3.08	cps
Zinc	66-2	57	63	23	48	44.86	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB65	Instrumnet Name :	P8
Client Sample ID :	CCB65	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:52:29	DataFile Name :	021CCBE_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1750	1525	1433	1570	10.38	cps
Zirconium	91-1	450	317	400	389	17.32	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:58:42	DataFile Name :	022LLCC_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	148	113	120	127	14.55	cps
Antimony	121-1	17813	18221	17604	17879	1.76	cps
Arsenic	75-2	87	115	109	104	14.17	cps
Barium	135-1	18180	17237	17179	17532	3.21	cps
Barium	137-1	31873	31915	30921	31569	1.78	cps
Beryllium	9-1	1367	1345	1178	1296	7.96	cps
Bismuth	209-1	10352449	10395790	10158543	10302261	1.23	cps
Bismuth	209-2	2604686	2606830	2525118	2578878	1.81	cps
Boron	10-1	3234	3709	3484	3476	6.84	cps
Boron	11-1	15976	16285	16493	16251	1.60	cps
Cadmium	111-1	3436	3315	3398	3383	1.83	cps
Cadmium	106-1	2517	2250	2584	2450	7.20	cps
Cadmium	108-1	150	133	146	143	6.06	cps
Calcium	43-1	9145	9253	9103	9167	0.84	cps
Calcium	44-1	162310	160704	161709	161574	0.50	cps
Chromium	52-2	1970	1937	2034	1980	2.48	cps
Cobalt	59-2	1643	1683	1583	1637	3.08	cps
Copper	63-2	3077	3210	3410	3233	5.19	cps
Dysprosium	156-1	8	42	17	22	78.07	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	92	92	58	81	23.89	cps
Erbium	164-2	3	17	10	10	66.70	cps
Gadolinium	160-1	33	100	58	64	52.72	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	15529830	15460831	15458202	15482954	0.26	cps
Holmium	165-2	3159019	3125865	3082155	3122346	1.23	cps
Indium	115-1	11644285	11741706	11604294	11663429	0.61	cps
Indium	115-2	457899	460028	455328	457752	0.51	cps
Iron	56-2	26993	26876	26615	26828	0.72	cps
Iron	57-2	739	600	711	683	10.75	cps
Krypton	83-1	343	317	313	324	5.07	cps
Lead	206-1	6485	6574	6680	6580	1.48	cps
Lead	207-1	6063	6002	5924	5996	1.16	cps
Lead	208-1	26890	26228	26728	26615	1.30	cps
Lithium	6-1	1954548	1962985	1943770	1953768	0.49	cps
Magnesium	24-2	13282	13816	13182	13426	2.54	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:58:42	DataFile Name :	022LLCC_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	277	227	223	242	12.34	cps
Molybdenum	94-1	16494	15376	15393	15754	4.07	cps
Molybdenum	95-1	17971	17646	17353	17657	1.75	cps
Molybdenum	96-1	19732	19949	19982	19888	0.68	cps
Molybdenum	97-1	10946	11238	10930	11038	1.57	cps
Molybdenum	98-1	28414	29383	28306	28701	2.07	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	647	623	650	640	2.27	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	9278	9512	9612	9468	1.81	cps
Rhodium	103-1	10990768	10954846	10771913	10905842	1.08	cps
Rhodium	103-2	2907785	2869291	2887948	2888342	0.67	cps
Scandium	45-1	6529825	6636657	6395990	6520824	1.85	cps
Scandium	45-2	49437	49326	49112	49292	0.33	cps
Selenium	77-2	17	10	0	9	94.38	cps
Selenium	78-2	15	9	11	12	24.10	cps
Selenium	82-1	505	620	520	548	11.45	cps
Silicon	28-1	334249	326849	333698	331599	1.24	cps
Silver	109-1	8828	8937	8536	8767	2.36	cps
Silver	107-1	9612	8795	9545	9318	4.87	cps
Sodium	23-2	40659	40283	40116	40353	0.69	cps
Strontium	86-1	2650	2617	2667	2645	0.96	cps
Strontium	88-1	19990	20066	19798	19952	0.69	cps
Sulfur	34-1	381598	380416	381607	381207	0.18	cps
Terbium	159-1	15790002	16022012	15733239	15848418	0.97	cps
Terbium	159-2	2928421	2932747	2911975	2924381	0.37	cps
Thallium	203-1	8261	7828	8153	8081	2.79	cps
Thallium	205-1	18756	18782	18974	18837	0.63	cps
Tin	118-1	30302	30035	29617	29984	1.15	cps
Titanium	47-1	4943	4509	4684	4712	4.63	cps
Uranium	238-1	24141	23990	24107	24080	0.33	cps
Vanadium	51-2	2777	2727	2657	2720	2.22	cps
Yttrium	89-1	12050837	11951957	11742312	11915035	1.32	cps
Yttrium	89-2	338601	344192	337923	340239	1.01	cps
Zinc	66-2	347	303	437	362	18.78	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 14:58:42	DataFile Name :	022LLCC_P8072818- M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14792	15067	14483	14781	1.98	cps
Zirconium	91-1	3442	2975	3234	3217	7.27	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111294BL	Instrumnet Name :	P8
Client Sample ID :	PB111294BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:03:12	DataFile Name :	023CCBE_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	20	18	51.52	cps
Antimony	121-1	592	608	567	589	3.56	cps
Arsenic	75-2	0	4	4	2	86.60	cps
Barium	135-1	33	83	33	50	57.74	cps
Barium	137-1	67	100	42	69	42.14	cps
Beryllium	9-1	72	67	83	74	11.46	cps
Bismuth	209-1	10115344	10008795	10210375	10111505	1.00	cps
Bismuth	209-2	2518358	2532213	2555065	2535212	0.73	cps
Boron	10-1	350	567	442	453	24.02	cps
Boron	11-1	2359	2300	2550	2403	5.44	cps
Cadmium	111-1	1690	1493	1630	1604	6.29	cps
Cadmium	106-1	2400	2142	2325	2289	5.81	cps
Cadmium	108-1	4	21	8	11	78.05	cps
Calcium	43-1	608	558	542	569	6.09	cps
Calcium	44-1	14567	14825	14558	14650	1.04	cps
Chromium	52-2	413	450	417	427	4.75	cps
Cobalt	59-2	60	80	73	71	14.32	cps
Copper	63-2	480	360	380	407	15.81	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	92	17	50	53	71.20	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	67	50	100	72	35.25	cps
Gadolinium	160-2	17	13	7	12	41.65	cps
Holmium	165-1	15200493	15112983	15560834	15291436	1.55	cps
Holmium	165-2	2993465	3004837	3069603	3022635	1.36	cps
Indium	115-1	11459206	11454028	11645721	11519652	0.95	cps
Indium	115-2	442670	447348	459111	449710	1.88	cps
Iron	56-2	1572	1756	1700	1676	5.61	cps
Iron	57-2	33	39	89	54	56.98	cps
Krypton	83-1	343	353	330	342	3.42	cps
Lead	206-1	344	411	356	370	9.64	cps
Lead	207-1	294	206	294	265	19.38	cps
Lead	208-1	1356	1500	1372	1409	5.61	cps
Lithium	6-1	1947125	1978382	1956659	1960722	0.82	cps
Magnesium	24-2	317	425	392	378	14.69	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : PB111294BL Instrumnet Name : P8
 Client Sample ID : PB111294BL Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 15:03:12 DataFile Name : 023CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	27	30	32	21.53	cps
Molybdenum	94-1	683	692	617	664	6.19	cps
Molybdenum	95-1	467	375	300	381	21.93	cps
Molybdenum	96-1	467	492	525	494	5.92	cps
Molybdenum	97-1	233	250	175	219	17.95	cps
Molybdenum	98-1	567	658	500	575	13.83	cps
Neodymium	150-1	0	0	27	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	147	123	120	130	11.18	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2675	2625	2667	2656	1.01	cps
Rhodium	103-1	10727016	10701737	10849917	10759557	0.74	cps
Rhodium	103-2	2751417	2795365	2852917	2799900	1.82	cps
Scandium	45-1	6437339	6385455	6538213	6453669	1.20	cps
Scandium	45-2	47956	49126	49397	48826	1.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-43	-36	-9	-29	-61.36	cps
Silicon	28-1	276362	275883	277874	276707	0.38	cps
Silver	109-1	100	83	92	92	9.09	cps
Silver	107-1	117	100	167	128	27.15	cps
Sodium	23-2	8586	8528	8319	8478	1.65	cps
Strontium	86-1	475	525	525	508	5.68	cps
Strontium	88-1	217	108	158	161	33.65	cps
Sulfur	34-1	383128	384022	386992	384714	0.53	cps
Terbium	159-1	15602133	15357866	15755033	15571677	1.29	cps
Terbium	159-2	2843384	2883029	2934782	2887065	1.59	cps
Thallium	203-1	525	375	467	456	16.60	cps
Thallium	205-1	1008	1000	1050	1020	2.63	cps
Tin	118-1	783	658	733	725	8.68	cps
Titanium	47-1	125	133	133	131	3.68	cps
Uranium	238-1	42	42	33	39	12.38	cps
Vanadium	51-2	0	10	7	6	91.64	cps
Yttrium	89-1	11766660	11730089	11850936	11782561	0.53	cps
Yttrium	89-2	327970	334199	340930	334366	1.94	cps
Zinc	66-2	60	63	100	74	29.81	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111294BL	Instrumnet Name :	P8
Client Sample ID :	PB111294BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:03:12	DataFile Name :	023CCBE_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1358	1392	1475	1408	4.27	cps
Zirconium	91-1	225	325	308	286	18.73	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111294BS	Instrumnet Name :	P8
Client Sample ID :	PB111294BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:06:33	DataFile Name :	024LCSE_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	303	280	265	283	6.68	cps
Antimony	121-1	34780	34262	34687	34576	0.80	cps
Arsenic	75-2	161	200	163	175	12.56	cps
Barium	135-1	37061	36919	35983	36655	1.60	cps
Barium	137-1	63838	63587	64499	63975	0.74	cps
Beryllium	9-1	2245	2378	2150	2258	5.07	cps
Bismuth	209-1	10083095	10017711	9813033	9971280	1.41	cps
Bismuth	209-2	2515283	2555443	2554154	2541627	0.90	cps
Boron	10-1	6143	6560	6610	6438	3.98	cps
Boron	11-1	28939	30149	31319	30135	3.95	cps
Cadmium	111-1	5194	5210	5014	5139	2.11	cps
Cadmium	106-1	2542	2834	2484	2620	7.16	cps
Cadmium	108-1	338	279	333	317	10.28	cps
Calcium	43-1	18613	19431	18605	18883	2.51	cps
Calcium	44-1	312154	311364	312032	311850	0.14	cps
Chromium	52-2	3621	3824	3637	3694	3.06	cps
Cobalt	59-2	3554	3507	3404	3488	2.20	cps
Copper	63-2	6308	6248	6041	6199	2.26	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	83	100	33	72	48.04	cps
Erbium	164-2	10	7	17	11	45.82	cps
Gadolinium	160-1	75	83	67	75	11.11	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	15338200	15306916	14455953	15033690	3.33	cps
Holmium	165-2	3038037	3102950	3105637	3082208	1.24	cps
Indium	115-1	11524093	11491414	11057084	11357530	2.30	cps
Indium	115-2	452546	458213	454357	455039	0.64	cps
Iron	56-2	233144	232789	232076	232669	0.23	cps
Iron	57-2	6102	6163	6107	6124	0.55	cps
Krypton	83-1	310	287	280	292	5.39	cps
Lead	206-1	12573	12862	12267	12568	2.37	cps
Lead	207-1	11283	11417	11522	11407	1.05	cps
Lead	208-1	51521	52300	52189	52003	0.81	cps
Lithium	6-1	1959365	1944292	1899948	1934535	1.60	cps
Magnesium	24-2	27027	28154	26960	27380	2.45	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111294BS	Instrumnet Name :	P8
Client Sample ID :	PB111294BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:06:33	DataFile Name :	024LCSE_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	463	430	407	433	6.57	cps
Molybdenum	94-1	30235	31020	31162	30805	1.62	cps
Molybdenum	95-1	36225	35313	35547	35695	1.33	cps
Molybdenum	96-1	40320	40169	40169	40219	0.22	cps
Molybdenum	97-1	22286	22203	22369	22286	0.37	cps
Molybdenum	98-1	57983	56820	57841	57548	1.10	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1253	1200	1190	1215	2.80	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	16736	16527	17078	16780	1.66	cps
Rhodium	103-1	10689777	10645379	10253342	10529500	2.28	cps
Rhodium	103-2	2858047	2865958	2839833	2854613	0.47	cps
Scandium	45-1	6423722	6334962	6210340	6323008	1.70	cps
Scandium	45-2	48948	49805	48239	48997	1.60	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	22	26	15	21	26.98	cps
Selenium	82-1	1136	1184	1203	1174	2.94	cps
Silicon	28-1	391983	390545	390115	390881	0.25	cps
Silver	109-1	18180	17954	17003	17712	3.53	cps
Silver	107-1	19832	17979	17871	18561	5.94	cps
Sodium	23-2	69328	71640	70064	70344	1.68	cps
Strontium	86-1	5076	4993	4976	5015	1.07	cps
Strontium	88-1	40386	40043	40486	40305	0.58	cps
Sulfur	34-1	388041	386743	386190	386991	0.25	cps
Terbium	159-1	15650943	15643209	14850856	15381669	2.99	cps
Terbium	159-2	2904685	2926721	2897664	2909690	0.52	cps
Thallium	203-1	16036	16194	15443	15891	2.49	cps
Thallium	205-1	36938	37749	36428	37038	1.80	cps
Tin	118-1	60036	60396	61191	60541	0.98	cps
Titanium	47-1	9821	9245	9078	9381	4.15	cps
Uranium	238-1	49383	49057	48311	48917	1.12	cps
Vanadium	51-2	5615	5348	5458	5473	2.45	cps
Yttrium	89-1	11795869	11809063	11213129	11606020	2.93	cps
Yttrium	89-2	337607	341787	338042	339146	0.68	cps
Zinc	66-2	713	713	607	678	9.09	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111294BS	Instrumnet Name :	P8
Client Sample ID :	PB111294BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:06:33	DataFile Name :	024LCSE_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	28047	28665	28723	28478	1.32	cps
Zirconium	91-1	6427	6127	5910	6154	4.22	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : PB111417BL Instrumnet Name : P8
 Client Sample ID : PB111417BL Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 15:09:53 DataFile Name : 025CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	15	28	18	51.53	cps
Antimony	121-1	425	358	458	414	12.30	cps
Arsenic	75-2	6	2	2	3	69.39	cps
Barium	135-1	83	42	42	56	43.30	cps
Barium	137-1	67	83	17	56	62.45	cps
Beryllium	9-1	83	50	72	69	24.77	cps
Bismuth	209-1	10064103	10053614	10070714	10062810	0.09	cps
Bismuth	209-2	2591329	2596917	2400016	2529420	4.43	cps
Boron	10-1	808	675	592	692	15.80	cps
Boron	11-1	3301	3067	2867	3078	7.05	cps
Cadmium	111-1	1706	1601	1652	1653	3.17	cps
Cadmium	106-1	2425	2284	2350	2353	3.01	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	483	483	417	461	8.35	cps
Calcium	44-1	14083	14533	13966	14194	2.11	cps
Chromium	52-2	457	373	390	407	10.84	cps
Cobalt	59-2	77	100	77	84	15.95	cps
Copper	63-2	370	367	357	364	1.90	cps
Dysprosium	156-1	17	42	8	22	78.07	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	92	67	25	61	55.11	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	83	67	75	75	11.11	cps
Gadolinium	160-2	13	3	23	13	75.02	cps
Holmium	165-1	15275834	15180315	15358020	15271390	0.58	cps
Holmium	165-2	3115524	3109515	2943019	3056020	3.20	cps
Indium	115-1	11582586	11540825	11336674	11486695	1.15	cps
Indium	115-2	464583	458806	436328	453239	3.29	cps
Iron	56-2	1784	1722	1628	1711	4.58	cps
Iron	57-2	61	33	28	41	43.83	cps
Krypton	83-1	280	360	307	316	12.91	cps
Lead	206-1	411	389	394	398	2.90	cps
Lead	207-1	267	344	322	311	12.88	cps
Lead	208-1	1367	1450	1350	1389	3.86	cps
Lithium	6-1	1942056	1955627	1965334	1954339	0.60	cps
Magnesium	24-2	400	325	425	383	13.58	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111417BL	Instrumnet Name :	P8
Client Sample ID :	PB111417BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:09:53	DataFile Name :	025CCBE_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	53	47	49	7.86	cps
Molybdenum	94-1	708	583	517	603	16.14	cps
Molybdenum	95-1	267	175	275	239	23.23	cps
Molybdenum	96-1	483	425	458	456	6.42	cps
Molybdenum	97-1	192	208	192	197	4.88	cps
Molybdenum	98-1	375	383	458	406	11.32	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	120	93	153	122	24.60	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2325	2392	2484	2400	3.31	cps
Rhodium	103-1	10721992	10719305	10712008	10717768	0.05	cps
Rhodium	103-2	2888922	2880005	2724351	2831093	3.27	cps
Scandium	45-1	6368172	6391242	6453909	6404441	0.69	cps
Scandium	45-2	49544	49353	46420	48439	3.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	25	-74	29	-7	-893.32	cps
Silicon	28-1	280494	277945	278058	278832	0.52	cps
Silver	109-1	67	108	67	81	29.86	cps
Silver	107-1	158	75	100	111	38.49	cps
Sodium	23-2	8219	8436	8128	8261	1.92	cps
Strontium	86-1	525	658	475	553	17.14	cps
Strontium	88-1	158	200	158	172	13.97	cps
Sulfur	34-1	387134	387045	388161	387447	0.16	cps
Terbium	159-1	15472411	15597476	15601901	15557263	0.47	cps
Terbium	159-2	2982824	3001450	2810827	2931700	3.58	cps
Thallium	203-1	300	367	300	322	11.94	cps
Thallium	205-1	692	825	792	770	9.02	cps
Tin	118-1	825	842	850	839	1.52	cps
Titanium	47-1	142	325	150	206	50.36	cps
Uranium	238-1	33	50	42	42	20.00	cps
Vanadium	51-2	3	13	3	7	86.65	cps
Yttrium	89-1	11677002	11638710	11701959	11672557	0.27	cps
Yttrium	89-2	343716	343728	323307	336917	3.50	cps
Zinc	66-2	80	97	47	74	34.20	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111417BL	Instrumnet Name :	P8
Client Sample ID :	PB111417BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:09:53	DataFile Name :	025CCBE_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1200	1092	1358	1217	11.02	cps
Zirconium	91-1	208	208	275	231	16.70	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : PB111417BS Instrumnet Name : P8
 Client Sample ID : PB111417BS Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 15:13:14 DataFile Name : 026LCSE_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243	215	248	235	7.45	cps
Antimony	121-1	35180	33276	33752	34069	2.91	cps
Arsenic	75-2	181	194	204	193	5.78	cps
Barium	135-1	36175	37078	36385	36546	1.29	cps
Barium	137-1	63110	63027	63009	63048	0.09	cps
Beryllium	9-1	2195	2139	2272	2202	3.04	cps
Bismuth	209-1	9996898	10252829	10234748	10161492	1.41	cps
Bismuth	209-2	2614804	2507578	2580753	2567711	2.13	cps
Boron	10-1	6552	6260	6202	6338	2.96	cps
Boron	11-1	28613	29506	29723	29281	2.01	cps
Cadmium	111-1	5405	5387	5003	5265	4.32	cps
Cadmium	106-1	2842	3134	2609	2862	9.19	cps
Cadmium	108-1	246	267	254	256	4.10	cps
Calcium	43-1	18212	18196	18146	18185	0.19	cps
Calcium	44-1	307668	308495	303900	306688	0.80	cps
Chromium	52-2	3544	3764	3544	3617	3.51	cps
Cobalt	59-2	3340	3541	3354	3412	3.28	cps
Copper	63-2	5951	6525	6195	6224	4.63	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	83	67	58	69	18.33	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	42	100	75	72	40.52	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	15299132	15298863	15311447	15303147	0.05	cps
Holmium	165-2	3107633	3059410	3069388	3078810	0.83	cps
Indium	115-1	11406861	11507992	11409564	11441472	0.50	cps
Indium	115-2	458194	453899	454337	455477	0.52	cps
Iron	56-2	231520	231750	229721	230997	0.48	cps
Iron	57-2	5929	5840	6185	5985	2.99	cps
Krypton	83-1	333	273	337	314	11.34	cps
Lead	206-1	12440	12534	12234	12403	1.24	cps
Lead	207-1	11405	10777	11316	11166	3.05	cps
Lead	208-1	50786	50213	50084	50361	0.74	cps
Lithium	6-1	1964811	1967590	1956957	1963119	0.28	cps
Magnesium	24-2	27569	27236	27870	27558	1.15	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : PB111417BS Instrumnet Name : P8
 Client Sample ID : PB111417BS Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 15:13:14 DataFile Name : 026LCSE_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	443	527	460	477	9.25	cps
Molybdenum	94-1	30159	29090	29775	29675	1.82	cps
Molybdenum	95-1	35916	36007	34728	35550	2.01	cps
Molybdenum	96-1	39817	39542	39049	39469	0.99	cps
Molybdenum	97-1	21560	22010	21485	21685	1.31	cps
Molybdenum	98-1	56862	56368	55389	56206	1.33	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1307	1263	1260	1277	2.04	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	16685	16068	15918	16224	2.51	cps
Rhodium	103-1	10640324	10858807	10593664	10697598	1.32	cps
Rhodium	103-2	2834650	2856294	2815148	2835364	0.73	cps
Scandium	45-1	6397612	6413745	6463671	6425010	0.54	cps
Scandium	45-2	49524	47828	48641	48664	1.74	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	15	31	22	23	36.57	cps
Selenium	82-1	1104	1247	1021	1124	10.13	cps
Silicon	28-1	384972	386793	385717	385828	0.24	cps
Silver	109-1	17679	17979	17137	17598	2.43	cps
Silver	107-1	18714	18071	18363	18383	1.75	cps
Sodium	23-2	71397	68675	69922	69998	1.95	cps
Strontium	86-1	5085	4459	5043	4862	7.19	cps
Strontium	88-1	38397	39776	39726	39299	1.99	cps
Sulfur	34-1	388239	386273	391646	388719	0.70	cps
Terbium	159-1	15650610	15495864	15574177	15573550	0.50	cps
Terbium	159-2	2964567	2867120	2926710	2919465	1.68	cps
Thallium	203-1	15227	15936	14492	15218	4.74	cps
Thallium	205-1	36211	36245	36395	36284	0.27	cps
Tin	118-1	58922	57433	59022	58459	1.52	cps
Titanium	47-1	9253	9620	9162	9345	2.60	cps
Uranium	238-1	48178	46706	46564	47149	1.90	cps
Vanadium	51-2	5298	5344	5515	5386	2.12	cps
Yttrium	89-1	11697809	11772991	11678493	11716431	0.43	cps
Yttrium	89-2	341737	336143	337076	338319	0.89	cps
Zinc	66-2	713	637	550	633	12.90	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PB111417BS	Instrumnet Name :	P8
Client Sample ID :	PB111417BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:13:14	DataFile Name :	026LCSE_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	27144	25700	26660	26502	2.77	cps
Zirconium	91-1	6035	6093	5443	5857	6.14	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-01RE	Instrumnet Name :	P8
Client Sample ID :	MA4Z31RE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:19:43	DataFile Name :	027SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3426	3436	3271	3378	2.74	cps
Antimony	121-1	46197	47210	48539	47315	2.48	cps
Arsenic	75-2	263	259	217	246	10.45	cps
Barium	135-1	53710	52740	54647	53699	1.78	cps
Barium	137-1	95301	95578	94261	95047	0.73	cps
Beryllium	9-1	12255	12628	12372	12419	1.53	cps
Bismuth	209-1	10098197	10051060	10248146	10132468	1.02	cps
Bismuth	209-2	2366009	2348671	2529793	2414824	4.14	cps
Boron	10-1	442	417	508	456	10.40	cps
Boron	11-1	2309	2125	2450	2295	7.10	cps
Cadmium	111-1	1772	1562	1669	1668	6.30	cps
Cadmium	106-1	2525	2242	2367	2378	5.97	cps
Cadmium	108-1	0	17	13	10	89.22	cps
Calcium	43-1	8603	8153	8511	8422	2.83	cps
Calcium	44-1	147669	145649	145531	146283	0.82	cps
Chromium	52-2	7742	7932	7792	7822	1.26	cps
Cobalt	59-2	6502	6455	6558	6505	0.80	cps
Copper	63-2	12986	12993	13273	13084	1.25	cps
Dysprosium	156-1	8	8	50	22	108.27	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	50	67	58	58	14.29	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	67	92	92	83	17.32	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	15306011	15161357	15726414	15397927	1.91	cps
Holmium	165-2	2881904	2887839	3063548	2944431	3.50	cps
Indium	115-1	11505562	11432366	11650249	11529392	0.96	cps
Indium	115-2	419797	422946	454958	432567	4.50	cps
Iron	56-2	370014	371785	370853	370884	0.24	cps
Iron	57-2	9442	9376	9020	9279	2.45	cps
Krypton	83-1	297	277	347	307	11.76	cps
Lead	206-1	17335	18269	18314	17972	3.08	cps
Lead	207-1	16105	15760	15282	15716	2.63	cps
Lead	208-1	71910	72956	71464	72110	1.06	cps
Lithium	6-1	1948176	1970051	1974478	1964235	0.72	cps
Magnesium	24-2	7344	7636	7144	7374	3.36	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-01RE	Instrumnet Name :	P8
Client Sample ID :	MA4Z31RE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:19:43	DataFile Name :	027SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	677	727	667	690	4.66	cps
Molybdenum	94-1	492	550	483	508	7.15	cps
Molybdenum	95-1	233	225	183	214	12.53	cps
Molybdenum	96-1	258	308	375	314	18.65	cps
Molybdenum	97-1	175	100	108	128	32.17	cps
Molybdenum	98-1	342	275	317	311	10.82	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1950	1940	1904	1931	1.27	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	8987	9362	9829	9392	4.49	cps
Rhodium	103-1	10814122	10613505	10893985	10773871	1.34	cps
Rhodium	103-2	2615134	2606624	2841403	2687720	4.95	cps
Scandium	45-1	6495963	6443735	6660517	6533405	1.73	cps
Scandium	45-2	45852	44867	49199	46640	4.87	cps
Selenium	77-2	0	17	10	9	94.38	cps
Selenium	78-2	37	33	35	35	5.27	cps
Selenium	82-1	1626	1719	1536	1627	5.61	cps
Silicon	28-1	284444	286972	287989	286468	0.64	cps
Silver	109-1	42635	42919	42125	42560	0.95	cps
Silver	107-1	43922	42911	43563	43466	1.18	cps
Sodium	23-2	35972	34017	34986	34991	2.79	cps
Strontium	86-1	600	442	667	569	20.30	cps
Strontium	88-1	550	525	567	547	3.83	cps
Sulfur	34-1	387506	385953	388344	387268	0.31	cps
Terbium	159-1	15582231	15506196	15955192	15681206	1.53	cps
Terbium	159-2	2714275	2718425	2917140	2783280	4.17	cps
Thallium	203-1	43475	43785	44722	43994	1.48	cps
Thallium	205-1	107016	106521	106174	106570	0.40	cps
Tin	118-1	1167	1067	1175	1136	5.31	cps
Titanium	47-1	192	92	117	133	39.03	cps
Uranium	238-1	50	17	25	31	56.77	cps
Vanadium	51-2	3737	3957	3767	3821	3.12	cps
Yttrium	89-1	11714954	11711713	11908373	11778346	0.96	cps
Yttrium	89-2	313289	315533	338750	322524	4.37	cps
Zinc	66-2	1213	1267	1317	1266	4.08	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-01RE	Instrumnet Name :	P8
Client Sample ID :	MA4Z31RE	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:19:43	DataFile Name :	027SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1217	1275	1300	1264	3.38	cps
Zirconium	91-1	300	192	275	256	22.20	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:23:04	DataFile Name :	028SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	270	263	340	291	14.70	cps
Antimony	121-1	24498	23814	24390	24234	1.52	cps
Arsenic	75-2	428	398	383	403	5.61	cps
Barium	135-1	6302	5960	6594	6285	5.05	cps
Barium	137-1	11163	11088	11931	11394	4.09	cps
Beryllium	9-1	50	67	67	61	15.75	cps
Bismuth	209-1	10939546	11022278	11105460	11022428	0.75	cps
Bismuth	209-2	2744834	2626780	2710902	2694172	2.26	cps
Boron	10-1	2009	2059	2034	2034	1.23	cps
Boron	11-1	9320	9645	9345	9437	1.92	cps
Cadmium	111-1	1761	1777	1862	1800	3.02	cps
Cadmium	106-1	2434	2475	2592	2500	3.28	cps
Cadmium	108-1	38	38	33	36	6.67	cps
Calcium	43-1	232834	228210	223985	228343	1.94	cps
Calcium	44-1	3887830	3830010	3809340	3842393	1.06	cps
Chromium	52-2	10918	11101	11331	11117	1.86	cps
Cobalt	59-2	447	467	513	476	7.19	cps
Copper	63-2	2000	2247	2130	2126	5.81	cps
Dysprosium	156-1	75	50	50	58	24.74	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	75	50	83	69	24.98	cps
Erbium	164-2	17	17	20	18	10.81	cps
Gadolinium	160-1	75	150	150	125	34.64	cps
Gadolinium	160-2	7	20	17	14	48.02	cps
Holmium	165-1	16560633	16765035	16718048	16681239	0.64	cps
Holmium	165-2	3346435	3158123	3239387	3247982	2.91	cps
Indium	115-1	12375872	12522536	12638987	12512465	1.05	cps
Indium	115-2	488619	465905	478743	477756	2.38	cps
Iron	56-2	4760886	4741059	4714009	4738652	0.50	cps
Iron	57-2	118661	118976	115861	117833	1.46	cps
Krypton	83-1	307	320	330	319	3.67	cps
Lead	206-1	2050	1967	1861	1959	4.83	cps
Lead	207-1	1817	1745	1672	1745	4.14	cps
Lead	208-1	8707	8151	7723	8194	6.02	cps
Lithium	6-1	2052250	2097462	2102570	2084094	1.33	cps
Magnesium	24-2	121524	117137	117121	118594	2.14	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:23:04	DataFile Name :	028SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10077	10120	9820	10006	1.62	cps
Molybdenum	94-1	100437	101115	99362	100305	0.88	cps
Molybdenum	95-1	175614	176138	176939	176230	0.38	cps
Molybdenum	96-1	188449	191220	190147	189939	0.74	cps
Molybdenum	97-1	110019	109373	109692	109695	0.29	cps
Molybdenum	98-1	283394	282918	281271	282527	0.39	cps
Neodymium	150-1	13	47	20	27	66.16	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	1070	1307	1123	1167	10.64	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	192464	192506	191587	192185	0.27	cps
Rhodium	103-1	11451123	11591209	11594926	11545753	0.71	cps
Rhodium	103-2	3040020	2921735	3003712	2988489	2.03	cps
Scandium	45-1	6966909	7020209	7032856	7006658	0.50	cps
Scandium	45-2	53264	49390	51380	51345	3.77	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	6	3	91.69	cps
Selenium	82-1	79	110	43	77	43.41	cps
Silicon	28-1	15206957	15075718	14867003	15049893	1.14	cps
Silver	109-1	933	1175	1492	1200	23.33	cps
Silver	107-1	892	1333	1884	1370	36.28	cps
Sodium	23-2	1289875	1271216	1247453	1269515	1.67	cps
Strontium	86-1	247825	248464	247132	247807	0.27	cps
Strontium	88-1	2219132	2211778	2183941	2204951	0.84	cps
Sulfur	34-1	646514	642568	632310	640464	1.14	cps
Terbium	159-1	16954951	17176916	16946322	17026063	0.77	cps
Terbium	159-2	3165933	3031737	3076033	3091234	2.21	cps
Thallium	203-1	958	858	1200	1006	17.47	cps
Thallium	205-1	2284	2084	2300	2223	5.43	cps
Tin	118-1	1759	2092	1800	1884	9.64	cps
Titanium	47-1	1258	1067	1100	1142	8.97	cps
Uranium	238-1	210497	205205	205819	207174	1.40	cps
Vanadium	51-2	2744	2824	2524	2697	5.76	cps
Yttrium	89-1	12659954	12794616	12775930	12743500	0.57	cps
Yttrium	89-2	365115	344626	352650	354130	2.92	cps
Zinc	66-2	1330	1437	1390	1386	3.86	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-04	Instrumnet Name :	P8
Client Sample ID :	MA4Z34	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:23:04	DataFile Name :	028SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1817	1558	1508	1628	10.17	cps
Zirconium	91-1	383	250	450	361	28.20	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : J3972-05 Instrumnet Name : P8
 Client Sample ID : MA4Z35 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 15:26:23 DataFile Name : 029SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273	390	373	345	18.38	cps
Antimony	121-1	94576	94956	94828	94787	0.20	cps
Arsenic	75-2	1508	1539	1398	1482	4.99	cps
Barium	135-1	3626	3559	3509	3565	1.64	cps
Barium	137-1	6060	6093	6127	6093	0.55	cps
Beryllium	9-1	78	56	78	70	18.23	cps
Bismuth	209-1	11131784	11199947	11031348	11121026	0.76	cps
Bismuth	209-2	2679830	2669673	2711656	2687053	0.82	cps
Boron	10-1	2334	2434	2134	2300	6.64	cps
Boron	11-1	10371	10846	10521	10579	2.30	cps
Cadmium	111-1	1609	1977	1788	1791	10.26	cps
Cadmium	106-1	2250	2775	2484	2503	10.51	cps
Cadmium	108-1	29	29	25	28	8.67	cps
Calcium	43-1	367424	361760	358704	362629	1.22	cps
Calcium	44-1	6121942	6016557	5960289	6032929	1.36	cps
Chromium	52-2	1517	1390	1363	1423	5.76	cps
Cobalt	59-2	677	663	587	642	7.56	cps
Copper	63-2	1877	2030	1944	1950	3.94	cps
Dysprosium	156-1	108	83	67	86	24.35	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	92	100	133	108	20.35	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	75	67	58	67	12.49	cps
Gadolinium	160-2	30	10	23	21	48.24	cps
Holmium	165-1	16537413	16904577	16687010	16709667	1.10	cps
Holmium	165-2	3248435	3212877	3277983	3246432	1.00	cps
Indium	115-1	12410338	12680608	12660482	12583809	1.20	cps
Indium	115-2	469541	466011	470646	468733	0.52	cps
Iron	56-2	899937	888307	880079	889441	1.12	cps
Iron	57-2	22558	22713	22307	22526	0.91	cps
Krypton	83-1	327	327	333	329	1.17	cps
Lead	206-1	1784	1845	1678	1769	4.77	cps
Lead	207-1	1650	1633	1550	1611	3.33	cps
Lead	208-1	7212	7290	7062	7188	1.61	cps
Lithium	6-1	2062334	2096781	2085016	2081377	0.84	cps
Magnesium	24-2	150664	148812	145868	148448	1.63	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:26:23	DataFile Name :	029SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3514	3447	3214	3392	4.65	cps
Molybdenum	94-1	34779	35021	34236	34679	1.16	cps
Molybdenum	95-1	61357	59030	59933	60107	1.95	cps
Molybdenum	96-1	65274	64588	63818	64560	1.13	cps
Molybdenum	97-1	36650	37177	38163	37330	2.06	cps
Molybdenum	98-1	96510	93908	93899	94772	1.59	cps
Neodymium	150-1	60	20	67	49	51.63	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1907	1857	1934	1899	2.05	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	54448	53351	53435	53745	1.14	cps
Rhodium	103-1	11388807	11694163	11439991	11507654	1.42	cps
Rhodium	103-2	2982133	2911616	2943336	2945695	1.20	cps
Scandium	45-1	6772020	6953678	6772510	6832736	1.53	cps
Scandium	45-2	49845	48206	49631	49227	1.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	38	83	95	72	42.24	cps
Silicon	28-1	18563691	18174958	18030730	18256460	1.51	cps
Silver	109-1	1867	2150	2542	2186	15.51	cps
Silver	107-1	1759	2417	2000	2059	16.18	cps
Sodium	23-2	1815403	1808009	1791559	1804990	0.68	cps
Strontium	86-1	175936	175936	172468	174780	1.15	cps
Strontium	88-1	1564025	1556032	1552348	1557468	0.38	cps
Sulfur	34-1	431045	432990	429518	431185	0.40	cps
Terbium	159-1	16842376	17110661	16984312	16979116	0.79	cps
Terbium	159-2	3103883	3047177	3089729	3080263	0.96	cps
Thallium	203-1	867	942	1042	950	9.24	cps
Thallium	205-1	2084	2259	2542	2295	10.08	cps
Tin	118-1	1792	1684	1784	1753	3.44	cps
Titanium	47-1	1550	1467	1267	1428	10.20	cps
Uranium	238-1	819218	815053	800395	811555	1.22	cps
Vanadium	51-2	1690	1690	1537	1639	5.40	cps
Yttrium	89-1	12636537	12755184	12745161	12712294	0.52	cps
Yttrium	89-2	346330	341053	347278	344887	0.97	cps
Zinc	66-2	1157	997	1140	1098	8.01	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-05	Instrumnet Name :	P8
Client Sample ID :	MA4Z35	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:26:23	DataFile Name :	029SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1759	1934	1492	1728	12.87	cps
Zirconium	91-1	458	383	350	397	13.97	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:29:54	DataFile Name :	030SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	725	685	628	679	7.22	cps
Antimony	121-1	51810	49769	49953	50511	2.24	cps
Arsenic	75-2	556	532	498	528	5.46	cps
Barium	135-1	8378	7853	8111	8114	3.24	cps
Barium	137-1	14692	14926	14167	14595	2.66	cps
Beryllium	9-1	94	78	72	81	14.19	cps
Bismuth	209-1	11068150	11554930	11535654	11386245	2.42	cps
Bismuth	209-2	2785967	2776097	2704717	2755594	1.61	cps
Boron	10-1	1950	1867	1842	1886	3.01	cps
Boron	11-1	9270	9654	9270	9398	2.36	cps
Cadmium	111-1	1740	2011	1679	1810	9.77	cps
Cadmium	106-1	2459	2859	2325	2548	10.90	cps
Cadmium	108-1	8	33	4	15	103.25	cps
Calcium	43-1	782249	767407	775025	774894	0.96	cps
Calcium	44-1	12985209	12734249	12722941	12814133	1.16	cps
Chromium	52-2	1320	1393	1383	1366	2.91	cps
Cobalt	59-2	450	427	390	422	7.16	cps
Copper	63-2	1897	1837	1944	1892	2.83	cps
Dysprosium	156-1	75	92	117	94	22.21	cps
Dysprosium	156-2	13	13	20	16	24.76	cps
Erbium	164-1	50	117	125	97	42.28	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	158	158	92	136	28.28	cps
Gadolinium	160-2	37	27	37	33	17.32	cps
Holmium	165-1	16808780	17444166	17428731	17227226	2.10	cps
Holmium	165-2	3335935	3294198	3263277	3297803	1.11	cps
Indium	115-1	12367353	12949530	12810791	12709225	2.39	cps
Indium	115-2	475722	470801	462120	469547	1.47	cps
Iron	56-2	65821	64918	65074	65271	0.74	cps
Iron	57-2	1645	1706	1650	1667	2.03	cps
Krypton	83-1	360	377	270	336	17.10	cps
Lead	206-1	1067	1095	1017	1059	3.72	cps
Lead	207-1	1011	961	845	939	9.11	cps
Lead	208-1	4339	4428	4145	4304	3.37	cps
Lithium	6-1	2097489	2160499	2138022	2132003	1.50	cps
Magnesium	24-2	183866	182127	180232	182075	1.00	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:29:54	DataFile Name :	030SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1377	1380	1223	1327	6.75	cps
Molybdenum	94-1	13340	13407	13424	13390	0.33	cps
Molybdenum	95-1	22811	22962	22144	22639	1.92	cps
Molybdenum	96-1	23571	23488	24231	23763	1.71	cps
Molybdenum	97-1	14275	14191	13991	14152	1.03	cps
Molybdenum	98-1	36249	36450	35414	36038	1.52	cps
Neodymium	150-1	107	120	120	116	6.66	cps
Neodymium	150-2	10	3	13	9	57.30	cps
Nickel	60-2	967	1087	930	995	8.24	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	47072	45859	46302	46411	1.32	cps
Rhodium	103-1	11457177	11916714	11775512	11716468	2.01	cps
Rhodium	103-2	3025703	2994697	2918164	2979521	1.86	cps
Scandium	45-1	6600176	6938524	6880991	6806564	2.66	cps
Scandium	45-2	48708	47885	47303	47965	1.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	19	22	92	44	92.88	cps
Silicon	28-1	18829035	18621554	18402610	18617733	1.15	cps
Silver	109-1	1659	1884	2192	1911	14.01	cps
Silver	107-1	2017	2050	2009	2025	1.09	cps
Sodium	23-2	924703	908454	903004	912054	1.24	cps
Strontium	86-1	278607	274150	272004	274920	1.23	cps
Strontium	88-1	2499026	2444199	2427444	2456890	1.52	cps
Sulfur	34-1	487886	488920	482863	486556	0.67	cps
Terbium	159-1	17125906	17637086	17805761	17522917	2.02	cps
Terbium	159-2	3170170	3125304	3081645	3125707	1.42	cps
Thallium	203-1	675	692	600	656	7.45	cps
Thallium	205-1	1567	1559	1725	1617	5.81	cps
Tin	118-1	1725	1892	1842	1820	4.70	cps
Titanium	47-1	2859	2892	2900	2884	0.76	cps
Uranium	238-1	383794	378404	377656	379951	0.88	cps
Vanadium	51-2	977	943	947	956	1.92	cps
Yttrium	89-1	12486531	13084655	13066509	12879232	2.64	cps
Yttrium	89-2	351068	345963	341036	346022	1.45	cps
Zinc	66-2	1023	940	950	971	4.69	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-06	Instrumnet Name :	P8
Client Sample ID :	MA4Z36	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:29:54	DataFile Name :	030SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1767	1809	1750	1775	1.69	cps
Zirconium	91-1	442	408	433	428	4.06	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:33:14	DataFile Name :	031SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1210	1170	1225	1202	2.37	cps
Antimony	121-1	64281	61618	63226	63041	2.13	cps
Arsenic	75-2	387	354	359	367	4.87	cps
Barium	135-1	4668	4576	4851	4698	2.98	cps
Barium	137-1	8678	8837	7969	8495	5.44	cps
Beryllium	9-1	50	56	56	54	5.98	cps
Bismuth	209-1	11841572	11116009	11729051	11562211	3.38	cps
Bismuth	209-2	2719708	2699034	2676708	2698483	0.80	cps
Boron	10-1	2042	2250	1742	2011	12.71	cps
Boron	11-1	9512	9037	8736	9095	4.30	cps
Cadmium	111-1	1706	1599	1903	1736	8.89	cps
Cadmium	106-1	2392	2267	2684	2448	8.74	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	785532	778745	776037	780105	0.63	cps
Calcium	44-1	13054206	13028293	12709503	12930667	1.48	cps
Chromium	52-2	1433	1260	1430	1375	7.21	cps
Cobalt	59-2	773	647	773	731	10.00	cps
Copper	63-2	1914	2044	1940	1966	3.49	cps
Dysprosium	156-1	267	217	142	208	30.20	cps
Dysprosium	156-2	37	40	43	40	8.32	cps
Erbium	164-1	417	358	267	347	21.78	cps
Erbium	164-2	73	47	57	59	22.87	cps
Gadolinium	160-1	333	317	208	286	23.72	cps
Gadolinium	160-2	70	60	43	58	23.32	cps
Holmium	165-1	17668668	16849257	17501488	17339804	2.50	cps
Holmium	165-2	3341740	3257268	3239217	3279408	1.67	cps
Indium	115-1	12858338	12243585	12870520	12657481	2.83	cps
Indium	115-2	462825	454620	454918	457454	1.02	cps
Iron	56-2	4304452	4270501	4256117	4277023	0.58	cps
Iron	57-2	105138	105401	105798	105446	0.31	cps
Krypton	83-1	393	393	303	363	14.30	cps
Lead	206-1	2045	2061	1995	2034	1.71	cps
Lead	207-1	1767	1739	1789	1765	1.42	cps
Lead	208-1	8374	7829	7746	7983	4.27	cps
Lithium	6-1	2187681	2092916	2195640	2158746	2.65	cps
Magnesium	24-2	202481	202563	202158	202401	0.11	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:33:14	DataFile Name :	031SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22442	22231	22094	22256	0.79	cps
Molybdenum	94-1	6702	6802	7211	6905	3.90	cps
Molybdenum	95-1	10279	10496	10563	10446	1.42	cps
Molybdenum	96-1	11680	11455	11464	11533	1.11	cps
Molybdenum	97-1	6735	6810	6635	6727	1.31	cps
Molybdenum	98-1	17420	17020	16411	16950	3.00	cps
Neodymium	150-1	307	287	247	280	10.91	cps
Neodymium	150-2	40	33	30	34	14.78	cps
Nickel	60-2	1423	1397	1420	1413	1.03	cps
Phosphorus	31-2	50	33	67	50	33.33	cps
Potassium	39-2	38821	39013	38170	38668	1.14	cps
Rhodium	103-1	11857797	11181752	11788672	11609407	3.20	cps
Rhodium	103-2	2979005	2907320	2894290	2926872	1.56	cps
Scandium	45-1	6787767	6433527	6761554	6660949	2.96	cps
Scandium	45-2	46517	45865	45754	46045	0.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	6	4	49.54	cps
Selenium	82-1	-28	-34	37	-8	-483.49	cps
Silicon	28-1	16104694	15880368	15797956	15927673	1.00	cps
Silver	109-1	1592	1700	1809	1700	6.37	cps
Silver	107-1	1942	2009	2017	1989	2.07	cps
Sodium	23-2	910256	902584	909281	907374	0.46	cps
Strontium	86-1	290789	291626	292419	291611	0.28	cps
Strontium	88-1	2621233	2607194	2615423	2614616	0.27	cps
Sulfur	34-1	447455	450676	444602	447578	0.68	cps
Terbium	159-1	17898589	17122144	17876552	17632428	2.51	cps
Terbium	159-2	3108310	3058693	3071405	3079469	0.84	cps
Thallium	203-1	483	575	575	544	9.72	cps
Thallium	205-1	1175	1283	1208	1222	4.54	cps
Tin	118-1	1625	2042	1859	1842	11.34	cps
Titanium	47-1	9062	9320	9070	9151	1.61	cps
Uranium	238-1	228188	230145	226224	228186	0.86	cps
Vanadium	51-2	863	857	913	878	3.53	cps
Yttrium	89-1	13206983	12347608	12944502	12833031	3.43	cps
Yttrium	89-2	342367	335186	332356	336636	1.53	cps
Zinc	66-2	1463	1290	1323	1359	6.77	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-07	Instrumnet Name :	P8
Client Sample ID :	MA4Z37	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:33:14	DataFile Name :	031SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2284	2367	2275	2309	2.20	cps
Zirconium	91-1	500	508	533	514	3.38	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:36:33	DataFile Name :	032SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1463	1445	1458	1455	0.62	cps
Antimony	121-1	12098	12982	12289	12456	3.73	cps
Arsenic	75-2	524	415	426	455	13.22	cps
Barium	135-1	8828	8928	8270	8675	4.09	cps
Barium	137-1	14367	14417	15301	14695	3.58	cps
Beryllium	9-1	144	128	122	131	8.80	cps
Bismuth	209-1	11767875	11798219	11574419	11713504	1.04	cps
Bismuth	209-2	2780907	2722065	2651120	2718031	2.39	cps
Boron	10-1	1734	1867	1759	1786	3.97	cps
Boron	11-1	7919	7627	8052	7866	2.76	cps
Cadmium	111-1	1838	1644	1683	1722	5.95	cps
Cadmium	106-1	2600	2317	2325	2414	6.68	cps
Cadmium	108-1	17	33	17	22	43.28	cps
Calcium	43-1	976810	962980	957916	965902	1.01	cps
Calcium	44-1	16251105	15934980	15837458	16007848	1.35	cps
Chromium	52-2	7392	7602	7245	7413	2.42	cps
Cobalt	59-2	627	657	620	634	3.08	cps
Copper	63-2	2374	2454	2664	2497	6.00	cps
Dysprosium	156-1	642	758	658	686	9.20	cps
Dysprosium	156-2	160	173	130	154	14.37	cps
Erbium	164-1	833	967	825	875	9.09	cps
Erbium	164-2	200	153	133	162	21.09	cps
Gadolinium	160-1	892	650	858	800	16.37	cps
Gadolinium	160-2	173	197	157	176	11.44	cps
Holmium	165-1	17651812	17540836	17453863	17548837	0.57	cps
Holmium	165-2	3317181	3275852	3225032	3272688	1.41	cps
Indium	115-1	12911460	12986218	12567042	12821573	1.74	cps
Indium	115-2	461475	455597	445599	454224	1.77	cps
Iron	56-2	4371297	4324929	4312244	4336157	0.72	cps
Iron	57-2	106739	107226	105279	106414	0.95	cps
Krypton	83-1	390	300	310	333	14.80	cps
Lead	206-1	14642	13841	14236	14240	2.81	cps
Lead	207-1	11189	10705	10755	10883	2.44	cps
Lead	208-1	53979	52077	52432	52829	1.91	cps
Lithium	6-1	2178715	2157595	2159950	2165420	0.53	cps
Magnesium	24-2	166067	164356	164011	164811	0.67	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:36:33	DataFile Name :	032SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14104	14084	14378	14189	1.16	cps
Molybdenum	94-1	3426	3692	3459	3526	4.12	cps
Molybdenum	95-1	2934	3017	3126	3025	3.18	cps
Molybdenum	96-1	3334	3492	3534	3453	3.06	cps
Molybdenum	97-1	1909	1809	1867	1861	2.70	cps
Molybdenum	98-1	4234	4809	4743	4595	6.85	cps
Neodymium	150-1	907	787	980	891	10.95	cps
Neodymium	150-2	77	127	100	101	24.74	cps
Nickel	60-2	613	530	583	576	7.33	cps
Phosphorus	31-2	58	75	42	58	28.57	cps
Potassium	39-2	36197	35412	35838	35816	1.10	cps
Rhodium	103-1	11927250	11814196	11580386	11773944	1.50	cps
Rhodium	103-2	2947275	2913575	2873079	2911310	1.28	cps
Scandium	45-1	6709010	6632476	6616137	6652541	0.75	cps
Scandium	45-2	46306	45353	44551	45403	1.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-49	90	42	28	256.72	cps
Silicon	28-1	18033163	17879857	17767171	17893397	0.75	cps
Silver	109-1	1400	1709	1817	1642	13.17	cps
Silver	107-1	1950	1917	1634	1834	9.49	cps
Sodium	23-2	483333	476381	469342	476352	1.47	cps
Strontium	86-1	327300	327219	321927	325482	0.95	cps
Strontium	88-1	2922617	2878704	2841719	2881013	1.41	cps
Sulfur	34-1	408336	400709	404005	404350	0.95	cps
Terbium	159-1	18247433	17936191	17672896	17952174	1.60	cps
Terbium	159-2	3111474	3111564	3059050	3094030	0.98	cps
Thallium	203-1	342	392	275	336	17.41	cps
Thallium	205-1	742	683	667	697	5.65	cps
Tin	118-1	1600	1934	1950	1828	10.80	cps
Titanium	47-1	13791	14817	13340	13983	5.41	cps
Uranium	238-1	209370	211455	206043	208956	1.31	cps
Vanadium	51-2	2197	2164	2187	2182	0.78	cps
Yttrium	89-1	13232390	12824135	12654933	12903820	2.30	cps
Yttrium	89-2	337440	330474	323245	330386	2.15	cps
Zinc	66-2	1567	1560	1633	1587	2.56	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-08	Instrumnet Name :	P8
Client Sample ID :	MA4Z38	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:36:33	DataFile Name :	032SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5143	5143	5318	5201	1.94	cps
Zirconium	91-1	1225	1383	1225	1278	7.15	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:39:53	DataFile Name :	033SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1440	1303	1468	1404	6.30	cps
Antimony	121-1	11831	12056	11914	11934	0.95	cps
Arsenic	75-2	407	402	441	417	5.05	cps
Barium	135-1	8386	7986	7561	7978	5.17	cps
Barium	137-1	14083	13549	13833	13822	1.93	cps
Beryllium	9-1	83	100	122	102	19.16	cps
Bismuth	209-1	11724817	11606324	11942883	11758008	1.45	cps
Bismuth	209-2	2762828	2747322	2683188	2731113	1.55	cps
Boron	10-1	1509	1759	1734	1667	8.26	cps
Boron	11-1	7569	7727	7994	7764	2.77	cps
Cadmium	111-1	1882	1899	1812	1864	2.48	cps
Cadmium	106-1	2642	2675	2567	2628	2.11	cps
Cadmium	108-1	25	17	21	21	19.99	cps
Calcium	43-1	952530	946028	939199	945919	0.70	cps
Calcium	44-1	15747897	15674561	15567126	15663195	0.58	cps
Chromium	52-2	7362	7469	7119	7316	2.45	cps
Cobalt	59-2	670	630	657	652	3.12	cps
Copper	63-2	2447	2524	2504	2491	1.60	cps
Dysprosium	156-1	708	667	633	669	5.61	cps
Dysprosium	156-2	110	133	133	126	10.73	cps
Erbium	164-1	867	783	742	797	7.98	cps
Erbium	164-2	133	123	133	130	4.44	cps
Gadolinium	160-1	808	758	892	820	8.22	cps
Gadolinium	160-2	177	170	207	184	10.59	cps
Holmium	165-1	17538655	17431751	17750462	17573623	0.92	cps
Holmium	165-2	3316444	3268437	3242256	3275712	1.15	cps
Indium	115-1	12760959	12735820	12903480	12800086	0.71	cps
Indium	115-2	461285	451830	444655	452590	1.84	cps
Iron	56-2	3907511	3885696	3820570	3871259	1.17	cps
Iron	57-2	94463	96431	94898	95264	1.09	cps
Krypton	83-1	363	340	387	363	6.42	cps
Lead	206-1	13635	13229	13552	13472	1.59	cps
Lead	207-1	10310	10154	10077	10180	1.17	cps
Lead	208-1	50374	49500	49689	49854	0.92	cps
Lithium	6-1	2175790	2173428	2194880	2181366	0.54	cps
Magnesium	24-2	162973	160613	158501	160696	1.39	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:39:53	DataFile Name :	033SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13660	14024	13690	13791	1.46	cps
Molybdenum	94-1	3401	3801	3351	3517	7.01	cps
Molybdenum	95-1	2850	2550	2442	2614	8.09	cps
Molybdenum	96-1	3617	3059	3576	3417	9.10	cps
Molybdenum	97-1	2009	1759	1700	1822	8.99	cps
Molybdenum	98-1	4593	4751	4659	4668	1.70	cps
Neodymium	150-1	1007	927	780	905	12.71	cps
Neodymium	150-2	120	100	87	102	16.41	cps
Nickel	60-2	570	593	557	573	3.24	cps
Phosphorus	31-2	50	25	42	39	32.73	cps
Potassium	39-2	35203	34844	34184	34744	1.49	cps
Rhodium	103-1	11677094	11666260	11877924	11740426	1.02	cps
Rhodium	103-2	2979027	2877451	2878771	2911750	2.00	cps
Scandium	45-1	6497791	6497679	6758893	6584788	2.29	cps
Scandium	45-2	45025	44604	43146	44258	2.23	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-30	-1	-90	-40	-113.71	cps
Silicon	28-1	17350528	17117668	17095692	17187963	0.82	cps
Silver	109-1	1433	1592	1542	1522	5.32	cps
Silver	107-1	1684	1742	1784	1736	2.89	cps
Sodium	23-2	465854	461422	457002	461426	0.96	cps
Strontium	86-1	322198	319122	313093	318138	1.46	cps
Strontium	88-1	2865689	2842518	2796249	2834819	1.25	cps
Sulfur	34-1	396796	402156	396428	398460	0.80	cps
Terbium	159-1	17791025	17755303	17973064	17839797	0.65	cps
Terbium	159-2	3182659	3108288	3053080	3114676	2.09	cps
Thallium	203-1	333	158	225	239	36.97	cps
Thallium	205-1	492	683	567	581	16.64	cps
Tin	118-1	1667	1934	1967	1856	8.86	cps
Titanium	47-1	13349	12498	12740	12862	3.41	cps
Uranium	238-1	208556	205627	204439	206208	1.03	cps
Vanadium	51-2	2064	2000	1964	2009	2.52	cps
Yttrium	89-1	12787814	12733887	12950374	12824025	0.88	cps
Yttrium	89-2	336688	329260	324782	330243	1.82	cps
Zinc	66-2	1810	1833	1683	1776	4.55	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-09	Instrumnet Name :	P8
Client Sample ID :	MA4Z39	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:39:53	DataFile Name :	033SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5343	5326	4918	5196	4.63	cps
Zirconium	91-1	1167	1133	1083	1128	3.72	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : J3972-10 Instrumnet Name : P8
 Client Sample ID : MA4Z40 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 15:43:12 DataFile Name : 034SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	278	253	303	278	9.01	cps
Antimony	121-1	23305	23288	23513	23369	0.54	cps
Arsenic	75-2	278	278	331	296	10.49	cps
Barium	135-1	5752	6043	5802	5865	2.66	cps
Barium	137-1	10355	10471	10363	10396	0.63	cps
Beryllium	9-1	56	50	67	57	14.78	cps
Bismuth	209-1	11728791	11722109	11673683	11708194	0.26	cps
Bismuth	209-2	2719098	2743015	2696054	2719389	0.86	cps
Boron	10-1	1584	1492	1617	1564	4.14	cps
Boron	11-1	7719	7719	7719	7719	0.00	cps
Cadmium	111-1	1839	1890	1822	1850	1.91	cps
Cadmium	106-1	2559	2675	2550	2595	2.69	cps
Cadmium	108-1	21	29	25	25	16.68	cps
Calcium	43-1	859447	854537	846599	853528	0.76	cps
Calcium	44-1	14219207	14223782	13966572	14136520	1.04	cps
Chromium	52-2	1263	1413	1303	1327	5.86	cps
Cobalt	59-2	463	493	523	493	6.08	cps
Copper	63-2	2250	2284	2134	2222	3.54	cps
Dysprosium	156-1	158	208	158	175	16.50	cps
Dysprosium	156-2	17	10	37	21	65.74	cps
Erbium	164-1	175	183	192	183	4.55	cps
Erbium	164-2	27	37	40	34	20.14	cps
Gadolinium	160-1	200	258	225	228	12.85	cps
Gadolinium	160-2	63	40	27	43	42.83	cps
Holmium	165-1	17691462	17342921	17556427	17530270	1.00	cps
Holmium	165-2	3247041	3265477	3203557	3238692	0.98	cps
Indium	115-1	12728688	12732971	12586174	12682611	0.66	cps
Indium	115-2	446732	449065	444367	446721	0.53	cps
Iron	56-2	412257	409307	407161	409575	0.62	cps
Iron	57-2	10154	10276	10337	10256	0.91	cps
Krypton	83-1	307	313	347	322	6.65	cps
Lead	206-1	1761	1850	1806	1806	2.46	cps
Lead	207-1	1456	1456	1322	1411	5.46	cps
Lead	208-1	6879	6734	6640	6751	1.78	cps
Lithium	6-1	2149602	2146617	2156165	2150795	0.23	cps
Magnesium	24-2	161229	158265	157352	158949	1.27	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-10	Instrumnet Name :	P8
Client Sample ID :	MA4Z40	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:43:12	DataFile Name :	034SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5221	5021	5088	5110	1.99	cps
Molybdenum	94-1	26894	26619	25993	26502	1.74	cps
Molybdenum	95-1	44482	44215	44273	44323	0.32	cps
Molybdenum	96-1	49433	47970	48488	48630	1.53	cps
Molybdenum	97-1	29332	27913	28047	28431	2.76	cps
Molybdenum	98-1	73316	72746	72477	72846	0.59	cps
Neodymium	150-1	120	133	220	158	34.41	cps
Neodymium	150-2	10	27	33	23	51.50	cps
Nickel	60-2	1123	883	997	1001	11.99	cps
Phosphorus	31-2	100	50	67	72	35.26	cps
Potassium	39-2	97369	95608	92923	95300	2.35	cps
Rhodium	103-1	11717466	11587374	11513492	11606111	0.89	cps
Rhodium	103-2	2896022	2887461	2876271	2886585	0.34	cps
Scandium	45-1	6476189	6401390	6473021	6450200	0.66	cps
Scandium	45-2	44792	44771	42742	44102	2.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	30	-5	-21	2	1593.68	cps
Silicon	28-1	15031841	14961435	14886107	14959794	0.49	cps
Silver	109-1	1450	1283	1367	1367	6.10	cps
Silver	107-1	1367	1400	1559	1442	7.10	cps
Sodium	23-2	665579	658478	649125	657728	1.25	cps
Strontium	86-1	277050	271324	270943	273106	1.25	cps
Strontium	88-1	2492805	2457409	2427300	2459171	1.33	cps
Sulfur	34-1	420031	421235	416118	419128	0.64	cps
Terbium	159-1	17969933	17566239	17936081	17824085	1.26	cps
Terbium	159-2	3076369	3106522	3057675	3080188	0.80	cps
Thallium	203-1	250	200	275	242	15.80	cps
Thallium	205-1	667	508	492	556	17.39	cps
Tin	118-1	1734	1875	1842	1817	4.08	cps
Titanium	47-1	1175	1008	1092	1092	7.63	cps
Uranium	238-1	196092	197522	196343	196652	0.39	cps
Vanadium	51-2	937	1060	1087	1028	7.79	cps
Yttrium	89-1	12934539	12702608	12574108	12737085	1.43	cps
Yttrium	89-2	325017	327681	319267	323988	1.33	cps
Zinc	66-2	970	897	877	914	5.37	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-10	Instrumnet Name :	P8
Client Sample ID :	MA4Z40	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:43:12	DataFile Name :	034SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1709	1675	1717	1700	1.30	cps
Zirconium	91-1	333	350	367	350	4.76	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-11	Instrumnet Name :	P8
Client Sample ID :	MA4Z41	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:46:32	DataFile Name :	035SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	205	153	203	187	15.87	cps
Antimony	121-1	15860	15551	15235	15549	2.01	cps
Arsenic	75-2	67	50	35	51	31.11	cps
Barium	135-1	2942	2650	2617	2737	6.54	cps
Barium	137-1	4960	4543	4634	4712	4.65	cps
Beryllium	9-1	33	72	56	54	36.33	cps
Bismuth	209-1	11821551	11640867	11746411	11736276	0.77	cps
Bismuth	209-2	2681852	2709670	2730428	2707317	0.90	cps
Boron	10-1	1583	1517	1759	1620	7.71	cps
Boron	11-1	7144	7561	7202	7302	3.09	cps
Cadmium	111-1	1797	1797	1718	1771	2.58	cps
Cadmium	106-1	2559	2542	2417	2506	3.09	cps
Cadmium	108-1	21	17	4	14	62.43	cps
Calcium	43-1	547788	546695	538679	544388	0.91	cps
Calcium	44-1	9163974	9052594	8879554	9032040	1.59	cps
Chromium	52-2	577	507	560	548	6.67	cps
Cobalt	59-2	583	540	623	582	7.16	cps
Copper	63-2	1687	1727	1673	1696	1.64	cps
Dysprosium	156-1	75	75	67	72	6.66	cps
Dysprosium	156-2	23	17	17	19	20.36	cps
Erbium	164-1	92	50	100	81	33.26	cps
Erbium	164-2	10	17	23	17	39.99	cps
Gadolinium	160-1	100	75	108	94	18.37	cps
Gadolinium	160-2	20	10	7	12	56.76	cps
Holmium	165-1	17373265	17239238	17282054	17298186	0.40	cps
Holmium	165-2	3191731	3203024	3233831	3209529	0.68	cps
Indium	115-1	12824601	12620214	12708025	12717613	0.81	cps
Indium	115-2	441109	439494	437764	439456	0.38	cps
Iron	56-2	785031	776149	772121	777767	0.85	cps
Iron	57-2	19775	19720	19525	19674	0.67	cps
Krypton	83-1	290	340	283	304	10.17	cps
Lead	206-1	900	950	628	826	21.00	cps
Lead	207-1	672	661	722	685	4.75	cps
Lead	208-1	3267	3417	3022	3235	6.15	cps
Lithium	6-1	2168327	2122553	2182884	2157921	1.46	cps
Magnesium	24-2	117801	119356	118490	118549	0.66	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-11	Instrumnet Name :	P8
Client Sample ID :	MA4Z41	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:46:32	DataFile Name :	035SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11972	11738	11582	11764	1.67	cps
Molybdenum	94-1	4543	4409	4501	4484	1.52	cps
Molybdenum	95-1	6835	6168	6418	6474	5.21	cps
Molybdenum	96-1	7386	6535	7594	7172	7.82	cps
Molybdenum	97-1	4218	4126	4343	4229	2.57	cps
Molybdenum	98-1	11447	10580	10755	10927	4.20	cps
Neodymium	150-1	53	40	80	58	35.25	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	800	810	847	819	3.00	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	30710	31135	30150	30665	1.61	cps
Rhodium	103-1	11633610	11414447	11600598	11549552	1.02	cps
Rhodium	103-2	2887158	2857960	2840613	2861910	0.82	cps
Scandium	45-1	6460855	6430341	6425920	6439039	0.30	cps
Scandium	45-2	42491	41993	42758	42414	0.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	1	20	40	21	93.86	cps
Silicon	28-1	12244513	12147877	12004569	12132320	1.00	cps
Silver	109-1	1100	1350	1475	1308	14.59	cps
Silver	107-1	1458	1650	1342	1483	10.50	cps
Sodium	23-2	572362	563143	566991	567499	0.82	cps
Strontium	86-1	189887	189658	186042	188529	1.14	cps
Strontium	88-1	1704988	1703267	1682277	1696844	0.75	cps
Sulfur	34-1	376193	378849	378545	377862	0.38	cps
Terbium	159-1	17720300	17480912	17725743	17642318	0.79	cps
Terbium	159-2	3053639	3105292	3070801	3076577	0.86	cps
Thallium	203-1	100	133	150	128	19.93	cps
Thallium	205-1	250	350	342	314	17.68	cps
Tin	118-1	1925	1734	1692	1784	6.98	cps
Titanium	47-1	858	883	950	897	5.28	cps
Uranium	238-1	32293	32201	32327	32274	0.20	cps
Vanadium	51-2	187	200	133	173	20.35	cps
Yttrium	89-1	12599926	12540528	12445709	12528721	0.62	cps
Yttrium	89-2	320419	317464	317632	318505	0.52	cps
Zinc	66-2	867	893	920	893	2.99	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-11	Instrumnet Name :	P8
Client Sample ID :	MA4Z41	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:46:32	DataFile Name :	035SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1117	1367	1358	1281	11.09	cps
Zirconium	91-1	267	342	350	319	14.37	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-12	Instrumnet Name :	P8
Client Sample ID :	MA4Z41D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:49:51	DataFile Name :	036SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	218	208	215	213	2.44	cps
Antimony	121-1	15276	15860	15426	15521	1.95	cps
Arsenic	75-2	67	59	80	69	15.05	cps
Barium	135-1	2800	2800	2867	2823	1.36	cps
Barium	137-1	4776	4809	4709	4765	1.07	cps
Beryllium	9-1	33	50	67	50	33.34	cps
Bismuth	209-1	11826542	11637674	11705979	11723398	0.82	cps
Bismuth	209-2	2702970	2690670	2654466	2682702	0.94	cps
Boron	10-1	1517	1617	1667	1600	4.77	cps
Boron	11-1	7652	7177	7444	7424	3.21	cps
Cadmium	111-1	1704	1818	1790	1771	3.38	cps
Cadmium	106-1	2400	2550	2550	2500	3.46	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	539936	542905	536047	539629	0.64	cps
Calcium	44-1	9118873	9009386	8866598	8998286	1.41	cps
Chromium	52-2	500	463	523	496	6.10	cps
Cobalt	59-2	610	593	567	590	3.70	cps
Copper	63-2	1633	1560	1633	1609	2.63	cps
Dysprosium	156-1	50	33	67	50	33.33	cps
Dysprosium	156-2	20	7	23	17	52.90	cps
Erbium	164-1	158	142	92	131	26.57	cps
Erbium	164-2	10	30	17	19	53.91	cps
Gadolinium	160-1	100	117	133	117	14.28	cps
Gadolinium	160-2	7	10	17	11	45.82	cps
Holmium	165-1	17601794	17464902	17520077	17528925	0.39	cps
Holmium	165-2	3169167	3206607	3164768	3180181	0.72	cps
Indium	115-1	12713115	12644784	12541153	12633017	0.69	cps
Indium	115-2	433329	432438	430549	432105	0.33	cps
Iron	56-2	765628	769248	757754	764210	0.77	cps
Iron	57-2	19186	18362	18991	18847	2.28	cps
Krypton	83-1	250	367	323	313	18.82	cps
Lead	206-1	800	744	767	770	3.63	cps
Lead	207-1	694	739	589	674	11.43	cps
Lead	208-1	2972	2978	2906	2952	1.36	cps
Lithium	6-1	2147054	2135051	2168975	2150360	0.80	cps
Magnesium	24-2	116643	115021	115351	115671	0.74	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-12	Instrumnet Name :	P8
Client Sample ID :	MA4Z41D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:49:51	DataFile Name :	036SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11725	11125	11919	11589	3.57	cps
Molybdenum	94-1	4159	3901	3967	4009	3.35	cps
Molybdenum	95-1	6927	6910	6594	6810	2.76	cps
Molybdenum	96-1	7186	7169	6794	7049	3.14	cps
Molybdenum	97-1	3784	3792	4118	3898	4.88	cps
Molybdenum	98-1	10847	10955	10563	10788	1.88	cps
Neodymium	150-1	47	80	40	56	38.58	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	800	760	813	791	3.51	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	29799	31169	30935	30634	2.39	cps
Rhodium	103-1	11647895	11540003	11433024	11540307	0.93	cps
Rhodium	103-2	2837723	2824942	2801512	2821393	0.65	cps
Scandium	45-1	6463388	6389190	6323929	6392169	1.09	cps
Scandium	45-2	41421	42133	41699	41751	0.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	69	-36	-16	6	990.87	cps
Silicon	28-1	12087567	11950520	11977977	12005355	0.60	cps
Silver	109-1	1183	1142	1192	1172	2.29	cps
Silver	107-1	1267	1408	1250	1308	6.65	cps
Sodium	23-2	561049	555611	554016	556892	0.66	cps
Strontium	86-1	189751	190269	189784	189935	0.15	cps
Strontium	88-1	1690222	1687892	1684110	1687408	0.18	cps
Sulfur	34-1	377597	370699	371392	373229	1.02	cps
Terbium	159-1	18034031	17757527	17684844	17825467	1.03	cps
Terbium	159-2	3005106	2995715	2987385	2996069	0.30	cps
Thallium	203-1	125	167	175	156	17.22	cps
Thallium	205-1	342	325	317	328	3.88	cps
Tin	118-1	2142	1934	1892	1989	6.74	cps
Titanium	47-1	817	883	750	817	8.16	cps
Uranium	238-1	32427	32736	32310	32491	0.68	cps
Vanadium	51-2	180	193	153	176	11.60	cps
Yttrium	89-1	12605568	12406726	12521161	12511152	0.80	cps
Yttrium	89-2	313864	314266	308889	312340	0.96	cps
Zinc	66-2	980	920	970	957	3.36	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-12	Instrumnet Name :	P8
Client Sample ID :	MA4Z41D	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:49:51	DataFile Name :	036SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1375	1467	1267	1370	7.31	cps
Zirconium	91-1	308	192	375	292	31.82	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4Z41L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-28 15:53:11	DataFile Name :	037SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	45	53	52	12.18	cps
Antimony	121-1	2925	3342	2817	3028	9.16	cps
Arsenic	75-2	19	15	11	15	25.01	cps
Barium	135-1	650	617	525	597	10.84	cps
Barium	137-1	983	800	900	895	10.26	cps
Beryllium	9-1	44	72	39	52	34.44	cps
Bismuth	209-1	10855383	10549358	10750347	10718363	1.45	cps
Bismuth	209-2	2521553	2547671	2550189	2539804	0.62	cps
Boron	10-1	583	658	575	606	7.58	cps
Boron	11-1	2909	2684	2467	2686	8.22	cps
Cadmium	111-1	1484	1782	1528	1598	10.07	cps
Cadmium	106-1	2125	2517	2184	2275	9.29	cps
Cadmium	108-1	17	13	13	14	17.33	cps
Calcium	43-1	99526	98561	101154	99747	1.31	cps
Calcium	44-1	1709725	1689499	1672207	1690477	1.11	cps
Chromium	52-2	400	413	463	426	7.85	cps
Cobalt	59-2	120	140	113	124	11.15	cps
Copper	63-2	913	800	813	842	7.35	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	33	33	100	56	69.29	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	58	100	58	72	33.30	cps
Gadolinium	160-2	10	17	7	11	45.82	cps
Holmium	165-1	16049991	15827256	15956787	15944678	0.70	cps
Holmium	165-2	3030326	3052550	3023172	3035349	0.50	cps
Indium	115-1	11878755	11418008	11666744	11654502	1.98	cps
Indium	115-2	419175	421807	422889	421290	0.45	cps
Iron	56-2	147982	145069	146282	146444	1.00	cps
Iron	57-2	4067	3684	3689	3814	5.76	cps
Krypton	83-1	400	353	307	353	13.21	cps
Lead	206-1	428	339	478	415	16.96	cps
Lead	207-1	378	306	311	332	12.12	cps
Lead	208-1	1578	1389	1589	1519	7.40	cps
Lithium	6-1	1976483	1939952	1966214	1960883	0.96	cps
Magnesium	24-2	22535	22435	22235	22402	0.68	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4Z41L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-28 15:53:11	DataFile Name :	037SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2294	2074	2194	2187	5.04	cps
Molybdenum	94-1	1100	1158	1258	1172	6.83	cps
Molybdenum	95-1	1350	1492	1283	1375	7.74	cps
Molybdenum	96-1	1392	1642	1600	1545	8.67	cps
Molybdenum	97-1	808	1058	825	897	15.58	cps
Molybdenum	98-1	2200	2159	2017	2125	4.52	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	223	260	183	222	17.26	cps
Phosphorus	31-2	8	8	33	17	86.62	cps
Potassium	39-2	7302	7102	7327	7244	1.70	cps
Rhodium	103-1	10819816	10524507	10750298	10698207	1.44	cps
Rhodium	103-2	2718572	2716624	2712425	2715874	0.12	cps
Scandium	45-1	5968659	5860135	6004170	5944321	1.26	cps
Scandium	45-2	40044	40926	40793	40588	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-88	-72	-15	-58	-65.26	cps
Silicon	28-1	2480374	2470355	2457868	2469532	0.46	cps
Silver	109-1	633	642	717	664	6.91	cps
Silver	107-1	767	842	683	764	10.37	cps
Sodium	23-2	110049	107537	108705	108764	1.16	cps
Strontium	86-1	34628	34645	34887	34720	0.42	cps
Strontium	88-1	294014	296019	296154	295396	0.41	cps
Sulfur	34-1	350942	355064	355873	353960	0.75	cps
Terbium	159-1	16418957	16020286	16363511	16267585	1.33	cps
Terbium	159-2	2859607	2893080	2877160	2876616	0.58	cps
Thallium	203-1	58	133	75	89	44.30	cps
Thallium	205-1	225	225	217	222	2.17	cps
Tin	118-1	833	825	933	864	6.98	cps
Titanium	47-1	300	300	225	275	15.75	cps
Uranium	238-1	6185	5752	5818	5918	3.95	cps
Vanadium	51-2	53	40	27	40	33.33	cps
Yttrium	89-1	11706451	11383362	11716824	11602212	1.63	cps
Yttrium	89-2	305792	306978	303139	305303	0.64	cps
Zinc	66-2	230	263	230	241	7.98	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-11LX5	Instrumnet Name :	P8
Client Sample ID :	MA4Z41L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-28 15:53:11	DataFile Name :	037SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1033	908	1017	986	6.88	cps
Zirconium	91-1	167	275	200	214	25.94	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-13	Instrumnet Name :	P8
Client Sample ID :	MA4Z41S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:56:31	DataFile Name :	038SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9626	9621	9380	9542	1.47	cps
Antimony	121-1	1040217	1025729	1020609	1028852	0.99	cps
Arsenic	75-2	3408	3234	3308	3316	2.63	cps
Barium	135-1	4429151	4339462	4354592	4374402	1.10	cps
Barium	137-1	7600129	7450048	7486273	7512150	1.04	cps
Beryllium	9-1	56874	55641	55379	55965	1.43	cps
Bismuth	209-1	11306910	11668965	11707516	11561130	1.91	cps
Bismuth	209-2	2674028	2652886	2584940	2637285	1.76	cps
Boron	10-1	1508	1458	1550	1506	3.05	cps
Boron	11-1	6885	7019	7094	6999	1.51	cps
Cadmium	111-1	108112	107755	105790	107219	1.17	cps
Cadmium	106-1	12081	12681	11472	12078	5.01	cps
Cadmium	108-1	6839	6935	7148	6974	2.26	cps
Calcium	43-1	541367	534556	538725	538216	0.64	cps
Calcium	44-1	9072194	8953100	8744287	8923194	1.86	cps
Chromium	52-2	139063	138591	139480	139045	0.32	cps
Cobalt	59-2	793095	783301	783387	786594	0.72	cps
Copper	63-2	350606	348573	345382	348187	0.76	cps
Dysprosium	156-1	75	100	75	83	17.32	cps
Dysprosium	156-2	17	7	10	11	45.82	cps
Erbium	164-1	142	117	142	133	10.83	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	92	150	125	122	23.95	cps
Gadolinium	160-2	30	17	17	21	36.45	cps
Holmium	165-1	16760181	17156448	17284682	17067104	1.60	cps
Holmium	165-2	3175744	3148588	3100637	3141656	1.21	cps
Indium	115-1	11920576	12563139	12441210	12308308	2.77	cps
Indium	115-2	431499	424177	420291	425322	1.34	cps
Iron	56-2	1238084	1223697	1222199	1227993	0.71	cps
Iron	57-2	31792	30896	30406	31031	2.27	cps
Krypton	83-1	317	307	260	294	10.27	cps
Lead	206-1	149367	146395	146497	147420	1.14	cps
Lead	207-1	135583	134150	133905	134546	0.67	cps
Lead	208-1	612082	604149	598724	604985	1.11	cps
Lithium	6-1	2074185	2126549	2159474	2120069	2.03	cps
Magnesium	24-2	115316	113029	115937	114761	1.33	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-13	Instrumnet Name :	P8
Client Sample ID :	MA4Z41S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:56:31	DataFile Name :	038SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	108003	104997	105599	106200	1.50	cps
Molybdenum	94-1	4559	4359	4101	4340	5.30	cps
Molybdenum	95-1	6485	6794	6544	6607	2.48	cps
Molybdenum	96-1	7511	7227	7077	7272	3.03	cps
Molybdenum	97-1	4418	4343	4109	4290	3.75	cps
Molybdenum	98-1	11197	10555	10980	10910	2.99	cps
Neodymium	150-1	227	213	187	209	9.75	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	233674	231474	231657	232268	0.53	cps
Phosphorus	31-2	0	17	33	17	99.99	cps
Potassium	39-2	31068	30351	30267	30562	1.44	cps
Rhodium	103-1	11133032	11320734	11382699	11278822	1.15	cps
Rhodium	103-2	2833860	2775518	2717284	2775554	2.10	cps
Scandium	45-1	5892555	6196791	6269530	6119625	3.27	cps
Scandium	45-2	41665	40495	40050	40737	2.05	cps
Selenium	77-2	57	43	83	61	33.33	cps
Selenium	78-2	287	331	274	298	10.12	cps
Selenium	82-1	18195	17975	17842	18004	0.99	cps
Silicon	28-1	12205726	11920867	11881299	12002630	1.47	cps
Silver	109-1	495482	489507	488993	491327	0.73	cps
Silver	107-1	518225	516236	511474	515312	0.67	cps
Sodium	23-2	555090	553434	547989	552171	0.67	cps
Strontium	86-1	191466	189599	187985	189684	0.92	cps
Strontium	88-1	1717038	1691958	1685203	1698066	0.99	cps
Sulfur	34-1	376625	368933	365017	370192	1.60	cps
Terbium	159-1	17047769	17544534	17526889	17373064	1.62	cps
Terbium	159-2	3045578	2971174	2928734	2981829	1.98	cps
Thallium	203-1	457819	457184	454754	456586	0.35	cps
Thallium	205-1	1110895	1111482	1098084	1106820	0.68	cps
Tin	118-1	2325	2342	2542	2403	5.02	cps
Titanium	47-1	1167	1067	1509	1247	18.59	cps
Uranium	238-1	32193	32702	32226	32374	0.88	cps
Vanadium	51-2	255348	253038	253902	254096	0.46	cps
Yttrium	89-1	11876093	12475628	12264083	12205268	2.49	cps
Yttrium	89-2	312300	305100	302079	306493	1.71	cps
Zinc	66-2	61449	59049	59500	59999	2.13	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-13	Instrumnet Name :	P8
Client Sample ID :	MA4Z41S	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:56:31	DataFile Name :	038SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1575	1492	1642	1570	4.79	cps
Zirconium	91-1	367	275	408	350	19.49	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-14	Instrumnet Name :	P8
Client Sample ID :	MA4Z42	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:59:50	DataFile Name :	039SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	970	965	948	961	1.23	cps
Antimony	121-1	23747	23321	22286	23118	3.25	cps
Arsenic	75-2	431	419	413	421	2.26	cps
Barium	135-1	4092	4076	4293	4154	2.90	cps
Barium	137-1	6961	6727	6410	6699	4.12	cps
Beryllium	9-1	111	72	72	85	26.36	cps
Bismuth	209-1	11719921	11693479	11603841	11672414	0.52	cps
Bismuth	209-2	2694080	2615151	2716478	2675236	1.99	cps
Boron	10-1	1850	1667	1734	1750	5.30	cps
Boron	11-1	8053	7411	8169	7878	5.19	cps
Cadmium	111-1	1633	1730	1690	1685	2.90	cps
Cadmium	106-1	2342	2450	2400	2398	2.26	cps
Cadmium	108-1	21	8	33	21	60.01	cps
Calcium	43-1	571739	560762	559879	564127	1.17	cps
Calcium	44-1	9482071	9414311	9339046	9411810	0.76	cps
Chromium	52-2	983	1057	1127	1056	6.79	cps
Cobalt	59-2	530	643	557	577	10.28	cps
Copper	63-2	2167	1894	2090	2050	6.88	cps
Dysprosium	156-1	183	250	242	225	16.15	cps
Dysprosium	156-2	60	53	57	57	5.89	cps
Erbium	164-1	158	217	258	211	23.79	cps
Erbium	164-2	43	70	30	48	42.63	cps
Gadolinium	160-1	250	367	300	306	19.16	cps
Gadolinium	160-2	47	70	57	58	20.26	cps
Holmium	165-1	17603952	17574860	17205146	17461319	1.27	cps
Holmium	165-2	3212764	3140345	3232607	3195238	1.52	cps
Indium	115-1	12542900	12663125	12465286	12557104	0.79	cps
Indium	115-2	433075	422715	435266	430352	1.56	cps
Iron	56-2	2322840	2296714	2298251	2305935	0.64	cps
Iron	57-2	55840	55745	56704	56097	0.94	cps
Krypton	83-1	350	317	300	322	7.90	cps
Lead	206-1	1311	1239	1256	1269	2.98	cps
Lead	207-1	1050	983	1122	1052	6.60	cps
Lead	208-1	4906	4834	5167	4969	3.53	cps
Lithium	6-1	2137447	2147246	2124968	2136553	0.52	cps
Magnesium	24-2	167761	166016	165636	166471	0.68	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-14	Instrumnet Name :	P8
Client Sample ID :	MA4Z42	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:59:50	DataFile Name :	039SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10734	10227	10394	10452	2.47	cps
Molybdenum	94-1	3526	3192	3292	3337	5.13	cps
Molybdenum	95-1	4726	5093	4801	4873	3.98	cps
Molybdenum	96-1	5660	5693	5543	5632	1.40	cps
Molybdenum	97-1	3034	2950	3301	3095	5.91	cps
Molybdenum	98-1	8136	8153	7486	7925	4.80	cps
Neodymium	150-1	287	313	320	307	5.75	cps
Neodymium	150-2	40	47	17	34	45.73	cps
Nickel	60-2	887	937	853	892	4.70	cps
Phosphorus	31-2	83	92	83	86	5.58	cps
Potassium	39-2	33165	31871	33608	32881	2.75	cps
Rhodium	103-1	11494023	11523317	11213840	11410393	1.50	cps
Rhodium	103-2	2836955	2746212	2856023	2813063	2.09	cps
Scandium	45-1	6384494	6286023	6214925	6295147	1.35	cps
Scandium	45-2	42023	39997	41742	41254	2.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	4	3	91.69	cps
Selenium	82-1	-20	4	33	6	466.92	cps
Silicon	28-1	15906263	15655721	15698231	15753405	0.85	cps
Silver	109-1	1017	1167	1075	1086	6.96	cps
Silver	107-1	1117	1117	1067	1100	2.62	cps
Sodium	23-2	932131	923076	923255	926154	0.56	cps
Strontium	86-1	228058	225948	223839	225948	0.93	cps
Strontium	88-1	2041329	2026747	2007955	2025343	0.83	cps
Sulfur	34-1	378439	377680	378820	378313	0.15	cps
Terbium	159-1	17759651	17895890	17473201	17709580	1.22	cps
Terbium	159-2	3063388	2931809	3057888	3017695	2.47	cps
Thallium	203-1	400	225	258	294	31.56	cps
Thallium	205-1	600	575	642	606	5.56	cps
Tin	118-1	1850	2034	2009	1964	5.06	cps
Titanium	47-1	5143	5360	4984	5162	3.65	cps
Uranium	238-1	226744	222027	222364	223712	1.18	cps
Vanadium	51-2	1460	1457	1457	1458	0.13	cps
Yttrium	89-1	12382619	12538297	12310607	12410508	0.94	cps
Yttrium	89-2	310838	303622	313293	309251	1.63	cps
Zinc	66-2	1173	903	980	1019	13.66	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-14	Instrumnet Name :	P8
Client Sample ID :	MA4Z42	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 15:59:50	DataFile Name :	039SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1617	1583	1542	1581	2.38	cps
Zirconium	91-1	333	367	267	322	15.80	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : J3972-15 Instrumnet Name : P8
 Client Sample ID : MA4Z43 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 16:03:10 DataFile Name : 040SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	770	668	835	758	11.15	cps
Antimony	121-1	19582	18872	18973	19142	2.01	cps
Arsenic	75-2	294	281	304	293	3.81	cps
Barium	135-1	4001	4084	3984	4023	1.33	cps
Barium	137-1	6927	7227	7011	7055	2.20	cps
Beryllium	9-1	83	61	72	72	15.39	cps
Bismuth	209-1	12046298	11915080	11696920	11886100	1.48	cps
Bismuth	209-2	2744199	2629573	2645138	2672970	2.33	cps
Boron	10-1	1917	1634	1642	1731	9.32	cps
Boron	11-1	8244	8645	8294	8394	2.60	cps
Cadmium	111-1	1707	1609	1678	1665	3.02	cps
Cadmium	106-1	2384	2275	2367	2342	2.49	cps
Cadmium	108-1	17	13	0	10	89.22	cps
Calcium	43-1	298269	297286	296724	297426	0.26	cps
Calcium	44-1	5020178	4976874	5001586	4999546	0.43	cps
Chromium	52-2	887	857	883	876	1.88	cps
Cobalt	59-2	793	750	783	776	2.93	cps
Copper	63-2	1603	1640	1480	1575	5.32	cps
Dysprosium	156-1	142	117	142	133	10.83	cps
Dysprosium	156-2	30	23	27	27	12.51	cps
Erbium	164-1	258	125	142	175	41.51	cps
Erbium	164-2	27	20	37	28	30.20	cps
Gadolinium	160-1	183	175	267	208	24.33	cps
Gadolinium	160-2	33	23	57	38	45.29	cps
Holmium	165-1	17903649	17487865	17494207	17628574	1.35	cps
Holmium	165-2	3222050	3136410	3139936	3166132	1.53	cps
Indium	115-1	12777401	12431094	12391251	12533249	1.69	cps
Indium	115-2	441622	427376	427911	432303	1.87	cps
Iron	56-2	1235225	1222526	1222555	1226769	0.60	cps
Iron	57-2	32009	30512	31531	31351	2.44	cps
Krypton	83-1	277	287	303	289	4.66	cps
Lead	206-1	1106	1172	1089	1122	3.93	cps
Lead	207-1	1011	1067	956	1011	5.50	cps
Lead	208-1	4689	4678	4589	4652	1.18	cps
Lithium	6-1	2146293	2155629	2138022	2146648	0.41	cps
Magnesium	24-2	125408	124566	123433	124469	0.80	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-15	Instrumnet Name :	P8
Client Sample ID :	MA4Z43	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:03:10	DataFile Name :	040SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6448	6225	6692	6455	3.62	cps
Molybdenum	94-1	7527	6977	7144	7216	3.91	cps
Molybdenum	95-1	11781	11038	11439	11419	3.25	cps
Molybdenum	96-1	12014	12923	12581	12506	3.67	cps
Molybdenum	97-1	7427	7144	7069	7213	2.62	cps
Molybdenum	98-1	18397	18822	18405	18541	1.31	cps
Neodymium	150-1	220	213	193	209	6.64	cps
Neodymium	150-2	17	20	13	17	20.01	cps
Nickel	60-2	1160	1153	1190	1168	1.67	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	27102	26985	26643	26910	0.89	cps
Rhodium	103-1	11634555	11417994	11282943	11445164	1.55	cps
Rhodium	103-2	2866748	2800084	2771524	2812785	1.74	cps
Scandium	45-1	6447170	6344484	6209593	6333749	1.88	cps
Scandium	45-2	42504	39984	39469	40652	4.00	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	37	76	61	58	34.19	cps
Silicon	28-1	15853308	15955285	15568770	15792454	1.27	cps
Silver	109-1	775	717	817	770	6.53	cps
Silver	107-1	800	983	958	914	10.88	cps
Sodium	23-2	1131719	1120873	1121161	1124585	0.55	cps
Strontium	86-1	141973	141090	139657	140907	0.83	cps
Strontium	88-1	1215481	1225637	1202139	1214419	0.97	cps
Sulfur	34-1	372379	371016	370385	371260	0.27	cps
Terbium	159-1	18045238	17615447	17654311	17771665	1.34	cps
Terbium	159-2	3053908	2996206	2948288	2999467	1.76	cps
Thallium	203-1	150	167	192	169	12.38	cps
Thallium	205-1	442	417	433	431	2.96	cps
Tin	118-1	1700	1709	1542	1650	5.69	cps
Titanium	47-1	1892	2242	2217	2117	9.23	cps
Uranium	238-1	40760	41412	41462	41211	0.95	cps
Vanadium	51-2	177	167	187	177	5.66	cps
Yttrium	89-1	12645850	12430804	12314319	12463658	1.35	cps
Yttrium	89-2	317614	306770	304126	309503	2.31	cps
Zinc	66-2	963	1040	1077	1027	5.63	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-15	Instrumnet Name :	P8
Client Sample ID :	MA4Z43	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:03:10	DataFile Name :	040SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1550	1575	1433	1520	4.98	cps
Zirconium	91-1	275	408	425	369	22.25	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-01	Instrumnet Name :	P8
Client Sample ID :	MA4Z31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:06:30	DataFile Name :	041SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2901	2931	2826	2886	1.87	cps
Antimony	121-1	47251	45771	47335	46786	1.88	cps
Arsenic	75-2	207	220	194	207	6.25	cps
Barium	135-1	55860	54831	55626	55439	0.97	cps
Barium	137-1	99213	99473	97223	98636	1.25	cps
Beryllium	9-1	11488	11316	11733	11512	1.82	cps
Bismuth	209-1	10491684	10756413	10629075	10625724	1.25	cps
Bismuth	209-2	2501954	2530358	2509121	2513811	0.59	cps
Boron	10-1	425	258	300	328	26.46	cps
Boron	11-1	1467	1475	1358	1433	4.54	cps
Cadmium	111-1	1728	1611	1557	1632	5.35	cps
Cadmium	106-1	2467	2300	2225	2331	5.31	cps
Cadmium	108-1	4	17	13	11	57.27	cps
Calcium	43-1	8111	7953	7953	8005	1.14	cps
Calcium	44-1	136661	135793	136728	136394	0.38	cps
Chromium	52-2	6768	6688	6488	6648	2.17	cps
Cobalt	59-2	5655	5618	5565	5612	0.81	cps
Copper	63-2	11692	11768	11652	11704	0.51	cps
Dysprosium	156-1	33	8	25	22	57.30	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	83	50	50	61	31.50	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	15678789	15652695	15875026	15735503	0.77	cps
Holmium	165-2	2994349	3028660	2957771	2993593	1.18	cps
Indium	115-1	11514386	11425103	11575000	11504830	0.66	cps
Indium	115-2	412381	417301	409354	413012	0.97	cps
Iron	56-2	323086	321386	322526	322333	0.27	cps
Iron	57-2	8397	8836	8520	8584	2.64	cps
Krypton	83-1	293	280	283	286	2.43	cps
Lead	206-1	19215	19788	19989	19664	2.04	cps
Lead	207-1	17435	17963	17051	17483	2.62	cps
Lead	208-1	77912	80072	78413	78799	1.43	cps
Lithium	6-1	1904970	1936558	1912916	1918148	0.86	cps
Magnesium	24-2	6160	6610	5710	6160	7.31	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-01	Instrumnet Name :	P8
Client Sample ID :	MA4Z31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:06:30	DataFile Name :	041SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	553	543	517	538	3.52	cps
Molybdenum	94-1	483	508	467	486	4.31	cps
Molybdenum	95-1	125	117	167	136	19.68	cps
Molybdenum	96-1	342	250	283	292	15.91	cps
Molybdenum	97-1	83	150	158	131	31.49	cps
Molybdenum	98-1	208	208	283	233	18.56	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1743	1553	1730	1676	6.33	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	7094	7802	7636	7511	4.93	cps
Rhodium	103-1	10561735	10651922	10641959	10618539	0.47	cps
Rhodium	103-2	2685143	2706668	2633056	2674955	1.41	cps
Scandium	45-1	5791269	5914432	5913899	5873200	1.21	cps
Scandium	45-2	39923	39790	39449	39721	0.62	cps
Selenium	77-2	0	7	17	8	107.84	cps
Selenium	78-2	17	20	31	23	33.75	cps
Selenium	82-1	1638	1594	1619	1617	1.35	cps
Silicon	28-1	241870	241089	243283	242081	0.46	cps
Silver	109-1	42752	45076	43329	43719	2.77	cps
Silver	107-1	45335	45829	44834	45333	1.10	cps
Sodium	23-2	28396	27411	28145	27984	1.83	cps
Strontium	86-1	650	792	583	675	15.76	cps
Strontium	88-1	858	792	658	770	13.24	cps
Sulfur	34-1	336248	333391	335507	335049	0.44	cps
Terbium	159-1	15897632	15919216	16020341	15945730	0.41	cps
Terbium	159-2	2823428	2890699	2804924	2839684	1.59	cps
Thallium	203-1	47808	48527	47498	47944	1.10	cps
Thallium	205-1	114858	114067	115649	114858	0.69	cps
Tin	118-1	667	800	658	708	11.22	cps
Titanium	47-1	108	208	125	147	36.39	cps
Uranium	238-1	133	108	75	106	27.73	cps
Vanadium	51-2	3250	3174	3257	3227	1.44	cps
Yttrium	89-1	11337708	11440949	11510762	11429806	0.76	cps
Yttrium	89-2	292336	301547	293091	295658	1.73	cps
Zinc	66-2	1183	1067	1110	1120	5.27	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-01	Instrumnet Name :	P8
Client Sample ID :	MA4Z31	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:06:30	DataFile Name :	041SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1017	917	1092	1008	8.71	cps
Zirconium	91-1	217	258	292	256	14.70	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-08DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z38DL	Dilution Factor :	2
Date & Time Acquired ::	2018-07-28 16:14:32	DataFile Name :	042SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	688	650	733	690	5.99	cps
Antimony	121-1	5710	5860	6085	5885	3.21	cps
Arsenic	75-2	191	219	224	211	8.46	cps
Barium	135-1	4226	4168	4051	4148	2.15	cps
Barium	137-1	7011	7227	7169	7136	1.57	cps
Beryllium	9-1	67	67	56	63	10.19	cps
Bismuth	209-1	11021522	11004575	10924421	10983506	0.47	cps
Bismuth	209-2	2407564	2564935	2596477	2522992	4.01	cps
Boron	10-1	833	842	992	889	10.02	cps
Boron	11-1	4051	3842	3951	3948	2.64	cps
Cadmium	111-1	1612	1513	1550	1558	3.22	cps
Cadmium	106-1	2275	2142	2200	2206	3.03	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	443324	439907	437072	440101	0.71	cps
Calcium	44-1	7274740	7299837	7303983	7292853	0.22	cps
Chromium	52-2	3714	3581	3504	3599	2.95	cps
Cobalt	59-2	327	313	380	340	10.38	cps
Copper	63-2	1213	1343	1227	1261	5.67	cps
Dysprosium	156-1	500	375	458	444	14.32	cps
Dysprosium	156-2	80	87	73	80	8.34	cps
Erbium	164-1	400	558	375	444	22.37	cps
Erbium	164-2	87	73	67	76	13.48	cps
Gadolinium	160-1	317	417	458	397	18.33	cps
Gadolinium	160-2	80	107	93	93	14.29	cps
Holmium	165-1	16533980	16313673	16382672	16410108	0.69	cps
Holmium	165-2	2942101	3100093	3129720	3057305	3.30	cps
Indium	115-1	11930799	11935787	11970860	11945815	0.18	cps
Indium	115-2	399098	420938	426933	415656	3.52	cps
Iron	56-2	1999696	1984453	1964109	1982753	0.90	cps
Iron	57-2	48362	48334	48479	48392	0.16	cps
Krypton	83-1	303	397	350	350	13.33	cps
Lead	206-1	7052	6780	6958	6930	2.00	cps
Lead	207-1	4990	5385	4962	5112	4.62	cps
Lead	208-1	25260	25355	24855	25157	1.06	cps
Lithium	6-1	1985634	1970409	1981247	1979096	0.40	cps
Magnesium	24-2	73591	74169	73767	73842	0.40	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-08DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z38DL	Dilution Factor :	2
Date & Time Acquired ::	2018-07-28 16:14:32	DataFile Name :	042SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6635	6535	6605	6592	0.78	cps
Molybdenum	94-1	1884	1909	1834	1875	2.04	cps
Molybdenum	95-1	1258	1308	1442	1336	7.09	cps
Molybdenum	96-1	1750	1934	1583	1756	9.97	cps
Molybdenum	97-1	983	717	875	858	15.63	cps
Molybdenum	98-1	1942	2159	2350	2150	9.50	cps
Neodymium	150-1	393	467	420	427	8.70	cps
Neodymium	150-2	43	60	80	61	30.04	cps
Nickel	60-2	323	347	387	352	9.09	cps
Phosphorus	31-2	17	25	33	25	33.32	cps
Potassium	39-2	17570	16786	17578	17311	2.63	cps
Rhodium	103-1	11001634	10867644	10919997	10929758	0.62	cps
Rhodium	103-2	2564563	2691982	2739870	2665472	3.40	cps
Scandium	45-1	6109251	6064459	6040874	6071528	0.57	cps
Scandium	45-2	38390	41006	41160	40185	3.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	60	-95	-33	-23	-341.48	cps
Silicon	28-1	8346215	8286455	8218503	8283724	0.77	cps
Silver	109-1	567	625	542	578	7.40	cps
Silver	107-1	525	683	692	633	14.83	cps
Sodium	23-2	215006	212329	210196	212510	1.13	cps
Strontium	86-1	151979	150319	147227	149842	1.61	cps
Strontium	88-1	1298914	1293451	1283856	1292074	0.59	cps
Sulfur	34-1	371814	371666	368595	370692	0.49	cps
Terbium	159-1	16655591	16621396	16662584	16646524	0.13	cps
Terbium	159-2	2752031	2941054	2928544	2873876	3.68	cps
Thallium	203-1	192	150	217	186	18.10	cps
Thallium	205-1	358	475	375	403	15.67	cps
Tin	118-1	958	850	908	906	5.99	cps
Titanium	47-1	6769	6644	6318	6577	3.53	cps
Uranium	238-1	97086	97094	97817	97332	0.43	cps
Vanadium	51-2	997	983	960	980	1.89	cps
Yttrium	89-1	11898871	11900611	11727798	11842427	0.84	cps
Yttrium	89-2	288527	302920	305143	298863	3.02	cps
Zinc	66-2	730	720	727	726	0.70	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-08DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z38DL	Dilution Factor :	2
Date & Time Acquired ::	2018-07-28 16:14:32	DataFile Name :	042SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2875	2959	3167	3000	5.01	cps
Zirconium	91-1	617	633	775	675	12.89	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : J3972-09DLX2 Instrumnet Name : P8
 Client Sample ID : MA4Z39DL Dilution Factor : 2
 Date & Time Acquired :: 2018-07-28 16:17:52 DataFile Name : 043SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	650	615	668	644	4.15	cps
Antimony	121-1	5643	5335	5501	5493	2.81	cps
Arsenic	75-2	165	189	217	190	13.65	cps
Barium	135-1	3776	3809	3634	3740	2.49	cps
Barium	137-1	6903	6460	6577	6647	3.46	cps
Beryllium	9-1	89	100	61	83	24.04	cps
Bismuth	209-1	10814726	10862265	10794433	10823808	0.32	cps
Bismuth	209-2	2659622	2383446	2522928	2521999	5.48	cps
Boron	10-1	808	733	933	825	12.25	cps
Boron	11-1	3759	3701	4059	3840	5.01	cps
Cadmium	111-1	1583	1665	1691	1646	3.42	cps
Cadmium	106-1	2242	2367	2392	2334	3.44	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Calcium	43-1	433341	429136	429823	430767	0.52	cps
Calcium	44-1	7201895	7138281	7159477	7166551	0.45	cps
Chromium	52-2	3387	3417	3397	3400	0.45	cps
Cobalt	59-2	317	327	313	319	2.18	cps
Copper	63-2	1180	1270	1280	1243	4.43	cps
Dysprosium	156-1	333	242	333	303	17.48	cps
Dysprosium	156-2	107	60	40	69	49.66	cps
Erbium	164-1	458	317	483	419	21.43	cps
Erbium	164-2	63	90	113	89	28.15	cps
Gadolinium	160-1	408	383	358	383	6.52	cps
Gadolinium	160-2	67	97	80	81	18.53	cps
Holmium	165-1	16359430	16066343	16239271	16221681	0.91	cps
Holmium	165-2	3126942	2894660	3033558	3018387	3.87	cps
Indium	115-1	11839364	11785391	11764710	11796488	0.33	cps
Indium	115-2	429592	394297	413883	412591	4.29	cps
Iron	56-2	1777420	1776978	1780740	1778380	0.12	cps
Iron	57-2	43992	43736	43385	43704	0.70	cps
Krypton	83-1	287	260	293	280	6.30	cps
Lead	206-1	6285	6435	6402	6374	1.24	cps
Lead	207-1	4896	4823	5135	4951	3.29	cps
Lead	208-1	23670	23020	23548	23413	1.48	cps
Lithium	6-1	1945173	1958631	1943598	1949134	0.42	cps
Magnesium	24-2	73046	72133	73508	72896	0.96	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z39DL	Dilution Factor :	2
Date & Time Acquired ::	2018-07-28 16:17:52	DataFile Name :	043SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6358	6415	6422	6398	0.54	cps
Molybdenum	94-1	1867	1867	1884	1872	0.51	cps
Molybdenum	95-1	1092	1433	1392	1306	14.28	cps
Molybdenum	96-1	1700	1750	1584	1678	5.10	cps
Molybdenum	97-1	833	975	708	839	15.91	cps
Molybdenum	98-1	2184	2084	2242	2170	3.69	cps
Neodymium	150-1	493	413	467	458	8.90	cps
Neodymium	150-2	33	63	43	47	32.74	cps
Nickel	60-2	277	273	313	288	7.71	cps
Phosphorus	31-2	42	33	8	28	62.46	cps
Potassium	39-2	16619	16761	16711	16697	0.43	cps
Rhodium	103-1	10878680	10749788	10820771	10816413	0.60	cps
Rhodium	103-2	2738485	2521643	2639928	2633352	4.12	cps
Scandium	45-1	6024200	5975236	5983487	5994308	0.44	cps
Scandium	45-2	41431	37507	39068	39335	5.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	79	100	14	64	69.76	cps
Silicon	28-1	8056210	7966637	7956855	7993234	0.69	cps
Silver	109-1	425	550	508	494	12.87	cps
Silver	107-1	533	558	650	581	10.58	cps
Sodium	23-2	207391	206299	205970	206553	0.36	cps
Strontium	86-1	144405	146182	145121	145236	0.62	cps
Strontium	88-1	1272596	1275365	1262491	1270151	0.53	cps
Sulfur	34-1	363793	362475	364702	363657	0.31	cps
Terbium	159-1	16673679	16490611	16409178	16524489	0.82	cps
Terbium	159-2	2977200	2720536	2876343	2858026	4.52	cps
Thallium	203-1	183	117	108	136	30.20	cps
Thallium	205-1	283	225	367	292	24.41	cps
Tin	118-1	1008	1067	892	989	9.01	cps
Titanium	47-1	6102	5826	5826	5918	2.68	cps
Uranium	238-1	96775	97036	96668	96826	0.20	cps
Vanadium	51-2	957	877	993	942	6.33	cps
Yttrium	89-1	11770861	11715334	11747924	11744706	0.24	cps
Yttrium	89-2	305189	284464	300074	296576	3.64	cps
Zinc	66-2	800	830	910	847	6.72	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-09DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z39DL	Dilution Factor :	2
Date & Time Acquired ::	2018-07-28 16:17:52	DataFile Name :	043SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2975	3134	3142	3084	3.05	cps
Zirconium	91-1	775	742	733	750	2.94	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : J3972-15DLX2 Instrumnet Name : P8
 Client Sample ID : MA4Z43DL Dilution Factor : 2
 Date & Time Acquired :: 2018-07-28 16:21:12 DataFile Name : 044SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	385	395	390	390	1.28	cps
Antimony	121-1	8712	8995	9579	9095	4.86	cps
Arsenic	75-2	143	115	163	140	17.25	cps
Barium	135-1	1750	2142	1975	1956	10.05	cps
Barium	137-1	3759	3709	3476	3648	4.15	cps
Beryllium	9-1	44	61	61	56	17.31	cps
Bismuth	209-1	11008430	10968932	11079302	11018888	0.51	cps
Bismuth	209-2	2551188	2533511	2572294	2552331	0.76	cps
Boron	10-1	942	825	783	850	9.66	cps
Boron	11-1	4201	4401	4634	4412	4.92	cps
Cadmium	111-1	1438	1689	1678	1602	8.83	cps
Cadmium	106-1	2042	2409	2392	2281	9.08	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Calcium	43-1	144966	143325	144148	144146	0.57	cps
Calcium	44-1	2449762	2464427	2406511	2440233	1.23	cps
Chromium	52-2	550	617	547	571	6.91	cps
Cobalt	59-2	443	397	423	421	5.56	cps
Copper	63-2	847	890	940	892	5.23	cps
Dysprosium	156-1	42	100	100	81	41.81	cps
Dysprosium	156-2	7	20	10	12	56.76	cps
Erbium	164-1	92	108	92	97	9.90	cps
Erbium	164-2	17	13	3	11	62.48	cps
Gadolinium	160-1	158	150	108	139	19.29	cps
Gadolinium	160-2	30	43	17	30	44.43	cps
Holmium	165-1	16509865	16435866	16309187	16418306	0.62	cps
Holmium	165-2	3047278	3023172	3047844	3039431	0.46	cps
Indium	115-1	11813915	11820604	11776142	11803554	0.20	cps
Indium	115-2	418897	414811	413018	415576	0.73	cps
Iron	56-2	601394	597548	597789	598911	0.36	cps
Iron	57-2	15153	14942	15342	15146	1.32	cps
Krypton	83-1	340	367	343	350	4.15	cps
Lead	206-1	711	706	661	693	3.96	cps
Lead	207-1	500	622	472	532	15.02	cps
Lead	208-1	2517	2800	2684	2667	5.34	cps
Lithium	6-1	1962039	1973829	1942321	1959396	0.81	cps
Magnesium	24-2	60455	61767	60764	60996	1.12	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-15DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z43DL	Dilution Factor :	2
Date & Time Acquired ::	2018-07-28 16:21:12	DataFile Name :	044SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3227	3317	3137	3227	2.79	cps
Molybdenum	94-1	3042	3601	3576	3406	9.26	cps
Molybdenum	95-1	5743	5693	6137	5858	4.15	cps
Molybdenum	96-1	6102	5877	6193	6057	2.69	cps
Molybdenum	97-1	3576	3467	3376	3473	2.88	cps
Molybdenum	98-1	9254	8837	8436	8842	4.62	cps
Neodymium	150-1	100	127	67	98	30.74	cps
Neodymium	150-2	7	7	17	10	57.72	cps
Nickel	60-2	680	553	673	636	11.22	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	14917	14149	14124	14397	3.13	cps
Rhodium	103-1	10964947	10896662	10895175	10918928	0.37	cps
Rhodium	103-2	2705066	2640988	2667145	2671067	1.21	cps
Scandium	45-1	5989626	6028167	6051555	6023116	0.52	cps
Scandium	45-2	40311	38777	40090	39726	2.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-20	-86	-45	-50	-66.39	cps
Silicon	28-1	7775819	7890262	7741223	7802435	1.00	cps
Silver	109-1	492	483	542	506	6.24	cps
Silver	107-1	533	542	650	575	11.32	cps
Sodium	23-2	536103	536222	533412	535246	0.30	cps
Strontium	86-1	67433	66948	66504	66962	0.69	cps
Strontium	88-1	579500	573263	571080	574614	0.76	cps
Sulfur	34-1	360887	360608	356724	359406	0.65	cps
Terbium	159-1	16748619	16791177	16542861	16694219	0.80	cps
Terbium	159-2	2878121	2871939	2840690	2863583	0.70	cps
Thallium	203-1	175	100	42	106	63.32	cps
Thallium	205-1	158	275	308	247	31.86	cps
Tin	118-1	1017	892	1042	983	8.17	cps
Titanium	47-1	1400	1033	1233	1222	15.02	cps
Uranium	238-1	18757	18615	18715	18695	0.39	cps
Vanadium	51-2	130	130	127	129	1.49	cps
Yttrium	89-1	11920297	11812154	11793128	11841860	0.58	cps
Yttrium	89-2	301196	299645	297881	299574	0.55	cps
Zinc	66-2	460	477	483	473	2.54	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	J3972-15DLX2	Instrumnet Name :	P8
Client Sample ID :	MA4Z43DL	Dilution Factor :	2
Date & Time Acquired ::	2018-07-28 16:21:12	DataFile Name :	044SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1283	1392	1292	1322	4.56	cps
Zirconium	91-1	217	192	367	258	36.64	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : CCV66 Instrumnet Name : P8
 Client Sample ID : CCV66 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 16:25:21 DataFile Name : 045CCV_P8072818- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	248066	245361	250311	247913	1.00	cps
Antimony	121-1	4295471	4344372	4347518	4329121	0.67	cps
Arsenic	75-2	38021	37790	38489	38100	0.93	cps
Barium	135-1	4715133	4731917	4686848	4711299	0.48	cps
Barium	137-1	8157734	8060520	8057593	8091949	0.70	cps
Beryllium	9-1	496750	497023	493148	495640	0.44	cps
Bismuth	209-1	9893199	9238696	9608733	9580209	3.43	cps
Bismuth	209-2	2348422	2360306	2346661	2351796	0.32	cps
Boron	10-1	55692	56445	58420	56852	2.48	cps
Boron	11-1	259353	271217	275489	268686	3.11	cps
Cadmium	111-1	884939	887535	883306	885260	0.24	cps
Cadmium	106-1	96317	97427	94640	96128	1.46	cps
Cadmium	108-1	62783	63612	63918	63438	0.93	cps
Calcium	43-1	4313411	4365096	4337471	4338659	0.60	cps
Calcium	44-1	71066158	70543656	71277277	70962363	0.53	cps
Chromium	52-2	335204	335556	338028	336263	0.46	cps
Cobalt	59-2	717817	713642	717057	716172	0.31	cps
Copper	63-2	1198933	1196840	1208469	1201414	0.52	cps
Dysprosium	156-1	142	133	75	117	31.14	cps
Dysprosium	156-2	10	23	10	14	53.28	cps
Erbium	164-1	25	67	33	42	52.92	cps
Erbium	164-2	13	3	23	13	75.02	cps
Gadolinium	160-1	100	33	158	97	64.33	cps
Gadolinium	160-2	7	43	17	22	85.27	cps
Holmium	165-1	15555410	14379327	15296391	15077043	4.10	cps
Holmium	165-2	3009044	2993907	2988668	2997206	0.35	cps
Indium	115-1	10959062	10297336	10756479	10670959	3.18	cps
Indium	115-2	400427	399017	400717	400054	0.23	cps
Iron	56-2	55590318	55578532	55867673	55678841	0.29	cps
Iron	57-2	1407287	1382678	1415143	1401703	1.21	cps
Krypton	83-1	357	400	323	360	10.68	cps
Lead	206-1	3183492	3192792	3144425	3173570	0.81	cps
Lead	207-1	2879864	2882286	2900605	2887585	0.39	cps
Lead	208-1	12906374	12925536	12875659	12902523	0.20	cps
Lithium	6-1	1832464	1744039	1847821	1808108	3.10	cps
Magnesium	24-2	6021998	5894119	5956521	5957546	1.07	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:25:21	DataFile Name :	045CCV_P8072818- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180577	179631	180887	180365	0.36	cps
Molybdenum	94-1	7183590	7271982	7257464	7237679	0.65	cps
Molybdenum	95-1	8859547	8778202	8806973	8814907	0.47	cps
Molybdenum	96-1	9875635	9925801	9876690	9892709	0.29	cps
Molybdenum	97-1	5603656	5685482	5705532	5664890	0.95	cps
Molybdenum	98-1	14299963	14191077	14292079	14261040	0.43	cps
Neodymium	150-1	227	227	253	236	6.54	cps
Neodymium	150-2	13	10	13	12	15.73	cps
Nickel	60-2	211108	209234	212038	210793	0.68	cps
Phosphorus	31-2	3301	2900	3167	3123	6.52	cps
Potassium	39-2	1545418	1523056	1574772	1547749	1.68	cps
Rhodium	103-1	9882175	9190602	9727463	9600080	3.78	cps
Rhodium	103-2	2508667	2495183	2493603	2499151	0.33	cps
Scandium	45-1	5869004	5516893	5836739	5740879	3.39	cps
Scandium	45-2	41194	40980	41251	41141	0.35	cps
Selenium	77-2	253	210	310	258	19.46	cps
Selenium	78-2	887	824	859	857	3.68	cps
Selenium	82-1	52270	52563	52652	52495	0.38	cps
Silicon	28-1	1883401	1938433	1939876	1920570	1.68	cps
Silver	109-1	4192727	4185035	4174980	4184247	0.21	cps
Silver	107-1	4428191	4491838	4438091	4452707	0.77	cps
Sodium	23-2	13495668	13464636	13534559	13498287	0.26	cps
Strontium	86-1	1098367	1101855	1105949	1102057	0.34	cps
Strontium	88-1	9505060	9725925	9643060	9624682	1.16	cps
Sulfur	34-1	596472	597736	595271	596493	0.21	cps
Terbium	159-1	15819020	14678121	15527216	15341452	3.86	cps
Terbium	159-2	2796573	2806176	2816216	2806322	0.35	cps
Thallium	203-1	3899598	3894893	3864796	3886429	0.49	cps
Thallium	205-1	9149030	9128098	9130362	9135830	0.13	cps
Tin	118-1	3011814	2990029	3002102	3001315	0.36	cps
Titanium	47-1	2190810	2222176	2206050	2206345	0.71	cps
Uranium	238-1	13039912	12831031	12843036	12904660	0.91	cps
Vanadium	51-2	242096	243587	247033	244239	1.04	cps
Yttrium	89-1	11272088	10514335	11088471	10958298	3.61	cps
Yttrium	89-2	299379	298048	300523	299316	0.41	cps
Zinc	66-2	104322	103882	105077	104427	0.58	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV66	Instrumnet Name :	P8
Client Sample ID :	CCV66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:25:21	DataFile Name :	045CCV_P8072818- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6131943	6139559	6063304	6111602	0.69	cps
Zirconium	91-1	1323527	1333672	1321113	1326104	0.50	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:30:06	DataFile Name :	046CCBE_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	23	13	69.31	cps
Antimony	121-1	5643	5685	5326	5551	3.53	cps
Arsenic	75-2	2	4	4	3	34.64	cps
Barium	135-1	150	67	50	89	60.28	cps
Barium	137-1	133	125	117	125	6.67	cps
Beryllium	9-1	206	156	161	174	15.74	cps
Bismuth	209-1	10583428	9855546	10542830	10327268	3.96	cps
Bismuth	209-2	2551100	2565905	2507675	2541560	1.19	cps
Boron	10-1	1158	1100	1133	1131	2.59	cps
Boron	11-1	5935	5201	4943	5360	9.60	cps
Cadmium	111-1	1615	1568	1661	1615	2.90	cps
Cadmium	106-1	2250	2167	2309	2242	3.18	cps
Cadmium	108-1	21	17	13	17	24.99	cps
Calcium	43-1	433	608	617	553	18.73	cps
Calcium	44-1	13882	13482	13249	13538	2.37	cps
Chromium	52-2	330	373	353	352	6.16	cps
Cobalt	59-2	33	30	50	38	28.37	cps
Copper	63-2	523	460	480	488	6.64	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	17	58	50	42	52.91	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	50	83	100	78	32.74	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	15655458	14757664	15600048	15337723	3.28	cps
Holmium	165-2	3038966	3037322	2992784	3023024	0.87	cps
Indium	115-1	11456399	10711195	11449241	11205611	3.82	cps
Indium	115-2	422723	421406	416051	420060	0.84	cps
Iron	56-2	2178	2295	1995	2156	7.02	cps
Iron	57-2	83	39	94	72	40.71	cps
Krypton	83-1	423	310	340	358	16.41	cps
Lead	206-1	439	383	372	398	8.97	cps
Lead	207-1	361	339	378	359	5.43	cps
Lead	208-1	1672	1667	1556	1632	4.03	cps
Lithium	6-1	1901562	1807221	1913247	1874010	3.10	cps
Magnesium	24-2	317	325	225	289	19.21	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:30:06	DataFile Name :	046CCBE_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	33	37	46	40.30	cps
Molybdenum	94-1	2217	2392	1950	2186	10.18	cps
Molybdenum	95-1	2509	2100	1959	2189	13.05	cps
Molybdenum	96-1	2442	2542	2484	2489	2.02	cps
Molybdenum	97-1	1533	1425	1208	1389	11.91	cps
Molybdenum	98-1	3442	3451	3126	3339	5.55	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	90	87	120	99	18.56	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1909	1834	2059	1934	5.93	cps
Rhodium	103-1	10622798	9864501	10660101	10382467	4.32	cps
Rhodium	103-2	2710499	2695294	2679526	2695106	0.57	cps
Scandium	45-1	5967028	5612195	6004934	5861386	3.70	cps
Scandium	45-2	41471	41712	40418	41200	1.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-117	-20	-75	-71	-69.14	cps
Silicon	28-1	243721	245182	246843	245249	0.64	cps
Silver	109-1	333	367	458	386	16.76	cps
Silver	107-1	425	367	425	406	8.30	cps
Sodium	23-2	5468	5718	5535	5574	2.32	cps
Strontium	86-1	542	533	583	553	4.85	cps
Strontium	88-1	292	150	275	239	32.41	cps
Sulfur	34-1	345040	341771	349588	345466	1.14	cps
Terbium	159-1	16019003	15060917	15824452	15634791	3.24	cps
Terbium	159-2	2886417	2877182	2810436	2858012	1.45	cps
Thallium	203-1	500	542	767	603	23.80	cps
Thallium	205-1	1442	1258	1317	1339	7.00	cps
Tin	118-1	2100	4725	1700	2842	57.82	cps
Titanium	47-1	208	108	142	153	33.33	cps
Uranium	238-1	258	308	233	267	14.32	cps
Vanadium	51-2	10	10	10	10	0.00	cps
Yttrium	89-1	11440129	10684917	11343249	11156099	3.68	cps
Yttrium	89-2	306414	305353	303815	305194	0.43	cps
Zinc	66-2	63	63	70	66	5.87	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB66	Instrumnet Name :	P8
Client Sample ID :	CCB66	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:30:06	DataFile Name :	046CCBE_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2575	2684	2609	2623	2.12	cps
Zirconium	91-1	550	500	642	564	12.74	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : PBW01 Instrumnet Name : P8
 Client Sample ID : PBW01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 16:54:31 DataFile Name : 047CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	20	30	21	42.15	cps
Antimony	121-1	733	575	725	678	13.15	cps
Arsenic	75-2	4	2	0	2	100.00	cps
Barium	135-1	50	42	17	36	48.03	cps
Barium	137-1	100	75	25	67	57.29	cps
Beryllium	9-1	56	56	67	59	10.82	cps
Bismuth	209-1	11333542	11121212	11111007	11188587	1.12	cps
Bismuth	209-2	2530789	2710531	2679699	2640340	3.64	cps
Boron	10-1	283	300	325	303	6.93	cps
Boron	11-1	1492	1325	1400	1406	5.94	cps
Cadmium	111-1	1621	1661	1659	1647	1.37	cps
Cadmium	106-1	2317	2350	2375	2348	1.25	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Calcium	43-1	675	600	417	564	23.57	cps
Calcium	44-1	13232	12606	13065	12968	2.50	cps
Chromium	52-2	347	323	367	346	6.28	cps
Cobalt	59-2	57	43	37	46	22.36	cps
Copper	63-2	347	380	457	394	14.30	cps
Dysprosium	156-1	42	0	25	22	94.38	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	33	58	47	26.97	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	58	100	83	81	26.03	cps
Gadolinium	160-2	17	7	20	14	48.02	cps
Holmium	165-1	16785615	16369887	16429569	16528357	1.36	cps
Holmium	165-2	3014758	3236496	3223093	3158116	3.94	cps
Indium	115-1	12271006	12237503	12239257	12249256	0.15	cps
Indium	115-2	429323	454623	453201	445716	3.19	cps
Iron	56-2	2332	1578	1456	1789	26.54	cps
Iron	57-2	89	56	72	72	23.07	cps
Krypton	83-1	310	263	340	304	12.69	cps
Lead	206-1	367	383	300	350	12.60	cps
Lead	207-1	261	272	272	269	2.39	cps
Lead	208-1	1267	1300	1350	1306	3.21	cps
Lithium	6-1	2099897	2066734	2051787	2072806	1.19	cps
Magnesium	24-2	283	317	358	319	11.76	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : PBW01 Instrumnet Name : P8
 Client Sample ID : PBW01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 16:54:31 DataFile Name : 047CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	47	47	53	21.65	cps
Molybdenum	94-1	550	642	400	531	22.99	cps
Molybdenum	95-1	200	217	208	208	4.00	cps
Molybdenum	96-1	342	325	342	336	2.86	cps
Molybdenum	97-1	233	150	125	169	33.48	cps
Molybdenum	98-1	450	442	458	450	1.85	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	83	120	84	41.46	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	1917	1892	1950	1920	1.52	cps
Rhodium	103-1	11442849	11388350	11367086	11399428	0.34	cps
Rhodium	103-2	2734253	2899387	2888273	2840638	3.25	cps
Scandium	45-1	6579261	6368747	6441013	6463007	1.66	cps
Scandium	45-2	42244	45597	45748	44530	4.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-29	17	-56	-23	-163.36	cps
Silicon	28-1	247070	245683	246590	246448	0.29	cps
Silver	109-1	167	117	150	144	17.63	cps
Silver	107-1	183	192	208	194	6.55	cps
Sodium	23-2	4484	4534	4501	4506	0.57	cps
Strontium	86-1	683	575	575	611	10.24	cps
Strontium	88-1	225	167	183	192	15.67	cps
Sulfur	34-1	372710	372223	369671	371534	0.44	cps
Terbium	159-1	17168276	16735985	16702221	16868828	1.54	cps
Terbium	159-2	2841349	3039038	3032397	2970928	3.78	cps
Thallium	203-1	233	283	267	261	9.75	cps
Thallium	205-1	758	717	767	747	3.59	cps
Tin	118-1	625	542	625	597	8.06	cps
Titanium	47-1	117	92	117	108	13.32	cps
Uranium	238-1	17	17	42	25	57.73	cps
Vanadium	51-2	17	7	7	10	57.72	cps
Yttrium	89-1	12295382	12201703	12228642	12241909	0.39	cps
Yttrium	89-2	310790	333524	330047	324787	3.77	cps
Zinc	66-2	157	180	163	167	7.21	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PBW01	Instrumnet Name :	P8
Client Sample ID :	PBW01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:54:31	DataFile Name :	047CCBE_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1100	1133	1100	1111	1.73	cps
Zirconium	91-1	325	292	258	292	11.43	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSW01	Instrumnet Name :	P8
Client Sample ID :	LCSW01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:57:52	DataFile Name :	048LCSS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52324	52896	51197	52139	1.66	cps
Antimony	121-1	4729620	4766564	4787038	4761074	0.61	cps
Arsenic	75-2	41755	42383	41553	41897	1.03	cps
Barium	135-1	5094607	5092392	5150069	5112356	0.64	cps
Barium	137-1	8803021	8731960	8841902	8792294	0.63	cps
Beryllium	9-1	545334	540271	544558	543387	0.50	cps
Bismuth	209-1	10569273	10382332	10462014	10471206	0.90	cps
Bismuth	209-2	2570870	2536771	2563512	2557051	0.70	cps
Boron	10-1	56152	57106	57985	57081	1.61	cps
Boron	11-1	263203	275158	281665	273342	3.43	cps
Cadmium	111-1	984708	986843	989651	987067	0.25	cps
Cadmium	106-1	104092	105503	104729	104775	0.67	cps
Cadmium	108-1	70789	70847	70374	70670	0.36	cps
Calcium	43-1	941917	947690	955282	948296	0.71	cps
Calcium	44-1	15796065	15737606	15825686	15786452	0.28	cps
Chromium	52-2	353836	357322	355796	355651	0.49	cps
Cobalt	59-2	784115	778604	780312	781010	0.36	cps
Copper	63-2	1363219	1362733	1363239	1363064	0.02	cps
Dysprosium	156-1	58	92	67	72	24.02	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	50	117	83	83	40.00	cps
Erbium	164-2	23	13	10	16	44.60	cps
Gadolinium	160-1	108	175	83	122	38.77	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	15945044	15877197	16194152	16005464	1.04	cps
Holmium	165-2	3119946	3084502	3143678	3116042	0.96	cps
Indium	115-1	11584531	11364874	11491201	11480202	0.96	cps
Indium	115-2	426876	424642	426406	425975	0.28	cps
Iron	56-2	12355059	12342093	12396642	12364598	0.23	cps
Iron	57-2	305505	305680	309137	306774	0.67	cps
Krypton	83-1	237	343	297	292	18.30	cps
Lead	206-1	3458848	3489606	3490318	3479591	0.52	cps
Lead	207-1	3145297	3156115	3166944	3156119	0.34	cps
Lead	208-1	14043211	14133912	14145868	14107664	0.40	cps
Lithium	6-1	1985534	1889738	1961099	1945457	2.56	cps
Magnesium	24-2	1328277	1329022	1316053	1324451	0.55	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSW01	Instrumnet Name :	P8
Client Sample ID :	LCSW01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:57:52	DataFile Name :	048LCSS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	198234	198773	196923	197977	0.48	cps
Molybdenum	94-1	7744192	7697048	7744411	7728550	0.35	cps
Molybdenum	95-1	9380327	9467062	9494043	9447144	0.63	cps
Molybdenum	96-1	10502013	10558491	10576121	10545541	0.37	cps
Molybdenum	97-1	5996455	6018507	6035812	6016925	0.33	cps
Molybdenum	98-1	15118075	15277487	15300886	15232149	0.65	cps
Neodymium	150-1	173	167	280	207	30.77	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	230065	228884	230853	229934	0.43	cps
Phosphorus	31-2	3509	3301	3334	3381	3.31	cps
Potassium	39-2	322211	324418	324650	323760	0.42	cps
Rhodium	103-1	10506886	10439079	10561162	10502376	0.58	cps
Rhodium	103-2	2728442	2692567	2706949	2709319	0.67	cps
Scandium	45-1	6174529	6088259	6170794	6144527	0.79	cps
Scandium	45-2	43227	42962	42855	43015	0.44	cps
Selenium	77-2	307	260	310	292	9.57	cps
Selenium	78-2	876	944	904	908	3.80	cps
Selenium	82-1	58744	58110	58213	58356	0.58	cps
Silicon	28-1	2921015	3018355	3080590	3006653	2.68	cps
Silver	109-1	4712219	4731549	4701317	4715029	0.32	cps
Silver	107-1	4947033	4982868	4946718	4958873	0.42	cps
Sodium	23-2	2961313	2971862	2970193	2967789	0.19	cps
Strontium	86-1	1136090	1134118	1153619	1141276	0.94	cps
Strontium	88-1	10015370	10002775	10086419	10034854	0.45	cps
Sulfur	34-1	638430	634709	632909	635349	0.44	cps
Terbium	159-1	16409499	16104474	16427476	16313816	1.11	cps
Terbium	159-2	2985216	2959122	2900068	2948135	1.48	cps
Thallium	203-1	4184683	4332751	4241017	4252817	1.76	cps
Thallium	205-1	9921259	10136346	9999228	10018944	1.09	cps
Tin	118-1	3074862	3058994	3079930	3071262	0.36	cps
Titanium	47-1	2370474	2385445	2366221	2374047	0.43	cps
Uranium	238-1	13526837	13458025	13372403	13452421	0.58	cps
Vanadium	51-2	263404	263212	264107	263574	0.18	cps
Yttrium	89-1	11703090	11594366	11727668	11675042	0.61	cps
Yttrium	89-2	315611	315366	313770	314916	0.32	cps
Zinc	66-2	117624	117078	117912	117538	0.36	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSW01	Instrumnet Name :	P8
Client Sample ID :	LCSW01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 16:57:52	DataFile Name :	048LCSS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6466639	6430423	6424798	6440620	0.35	cps
Zirconium	91-1	1454852	1418850	1451048	1441583	1.37	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-1	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:08:42	DataFile Name :	049SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52758	51819	52018	52198	0.95	cps
Antimony	121-1	4765132	4785573	4774842	4775182	0.21	cps
Arsenic	75-2	42220	41115	41906	41747	1.36	cps
Barium	135-1	5115798	5159990	5147087	5140958	0.44	cps
Barium	137-1	8851454	8928457	8924109	8901340	0.49	cps
Beryllium	9-1	543550	540934	543379	542621	0.27	cps
Bismuth	209-1	10436151	10795308	10279650	10503703	2.52	cps
Bismuth	209-2	2511733	2552720	2535212	2533221	0.81	cps
Boron	10-1	55450	58286	56630	56789	2.51	cps
Boron	11-1	268241	276414	283030	275895	2.69	cps
Cadmium	111-1	984451	983249	998463	988721	0.86	cps
Cadmium	106-1	106049	104166	107157	105791	1.43	cps
Cadmium	108-1	71828	71313	69696	70945	1.57	cps
Calcium	43-1	950292	952248	945207	949249	0.38	cps
Calcium	44-1	15696634	15572534	15692268	15653812	0.45	cps
Chromium	52-2	356261	353469	352617	354116	0.54	cps
Cobalt	59-2	774875	777643	775051	775856	0.20	cps
Copper	63-2	1359486	1353657	1346274	1353139	0.49	cps
Dysprosium	156-1	75	92	92	86	11.17	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	67	58	50	58	14.29	cps
Erbium	164-2	20	10	20	17	34.64	cps
Gadolinium	160-1	108	67	92	89	23.59	cps
Gadolinium	160-2	10	27	23	20	44.10	cps
Holmium	165-1	15953220	16640448	15489162	16027610	3.61	cps
Holmium	165-2	3090466	3103063	3101737	3098422	0.22	cps
Indium	115-1	11423840	11756561	11156263	11445555	2.63	cps
Indium	115-2	421621	427030	423943	424198	0.64	cps
Iron	56-2	12281132	12219023	12053550	12184568	0.97	cps
Iron	57-2	307792	307008	304959	306587	0.48	cps
Krypton	83-1	343	310	393	349	12.02	cps
Lead	206-1	3479443	3451742	3457389	3462858	0.42	cps
Lead	207-1	3153140	3108448	3149471	3137020	0.79	cps
Lead	208-1	14113073	14080681	14177284	14123679	0.35	cps
Lithium	6-1	1960173	2023918	1877696	1953929	3.75	cps
Magnesium	24-2	1315998	1297052	1306407	1306486	0.73	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-1	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:08:42	DataFile Name :	049SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	196350	195694	194876	195640	0.38	cps
Molybdenum	94-1	7692662	7729962	7659757	7694127	0.46	cps
Molybdenum	95-1	9423981	9578615	9500217	9500938	0.81	cps
Molybdenum	96-1	10567718	10569869	10499882	10545823	0.38	cps
Molybdenum	97-1	5985983	6006734	6017836	6003518	0.27	cps
Molybdenum	98-1	15219230	15456043	15301553	15325608	0.78	cps
Neodymium	150-1	267	207	153	209	27.14	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	226468	227323	228781	227524	0.51	cps
Phosphorus	31-2	3526	3367	3459	3451	2.30	cps
Potassium	39-2	324494	322159	325604	324086	0.54	cps
Rhodium	103-1	10464730	11017300	10218100	10566710	3.87	cps
Rhodium	103-2	2687578	2697447	2669364	2684796	0.53	cps
Scandium	45-1	6079441	6308535	5909898	6099292	3.28	cps
Scandium	45-2	42337	43441	42698	42825	1.31	cps
Selenium	77-2	293	200	303	266	21.46	cps
Selenium	78-2	950	944	985	960	2.30	cps
Selenium	82-1	58188	58202	57807	58065	0.39	cps
Silicon	28-1	2870550	2977030	3045254	2964278	2.97	cps
Silver	109-1	4693870	4689757	4715586	4699738	0.30	cps
Silver	107-1	5009893	4962169	4963473	4978512	0.55	cps
Sodium	23-2	2991506	2983746	2960749	2978667	0.54	cps
Strontium	86-1	1146555	1153010	1144442	1148002	0.39	cps
Strontium	88-1	10081859	10081090	10056177	10073042	0.15	cps
Sulfur	34-1	628245	623433	628770	626816	0.47	cps
Terbium	159-1	16153837	16770567	15831477	16251960	2.94	cps
Terbium	159-2	2916670	2990717	2884729	2930705	1.86	cps
Thallium	203-1	4267864	4317274	4304778	4296639	0.60	cps
Thallium	205-1	9954840	10082653	10050738	10029410	0.66	cps
Tin	118-1	3072338	3075068	3055948	3067785	0.34	cps
Titanium	47-1	2365891	2365154	2355520	2362188	0.24	cps
Uranium	238-1	13553810	13501794	13516536	13524047	0.20	cps
Vanadium	51-2	261887	259240	260670	260599	0.51	cps
Yttrium	89-1	11525536	12120449	11299116	11648367	3.64	cps
Yttrium	89-2	313316	315568	308861	312582	1.09	cps
Zinc	66-2	117052	118084	116470	117202	0.70	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-1	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:08:42	DataFile Name :	049SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6523511	6493368	6423335	6480071	0.79	cps
Zirconium	91-1	1463258	1450620	1446545	1453474	0.60	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-2	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:11:54	DataFile Name :	050SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52750	51626	51581	51986	1.27	cps
Antimony	121-1	4754846	4737063	4745070	4745660	0.19	cps
Arsenic	75-2	41598	40539	41648	41261	1.52	cps
Barium	135-1	5118144	5195741	5102676	5138854	0.97	cps
Barium	137-1	8861667	8861678	8785077	8836141	0.50	cps
Beryllium	9-1	539572	537453	534807	537277	0.44	cps
Bismuth	209-1	10987322	10577444	10578118	10714295	2.21	cps
Bismuth	209-2	2485707	2479023	2511558	2492096	0.69	cps
Boron	10-1	57348	58185	59474	58336	1.84	cps
Boron	11-1	275637	280628	287449	281238	2.11	cps
Cadmium	111-1	989117	994910	987399	990475	0.40	cps
Cadmium	106-1	106796	105335	105058	105730	0.88	cps
Cadmium	108-1	70420	70513	71216	70716	0.62	cps
Calcium	43-1	946451	945619	945427	945832	0.06	cps
Calcium	44-1	15586359	15641259	15557728	15595115	0.27	cps
Chromium	52-2	356011	354209	351820	354013	0.59	cps
Cobalt	59-2	776257	776711	776844	776604	0.04	cps
Copper	63-2	1360138	1351289	1348561	1353329	0.45	cps
Dysprosium	156-1	83	92	50	75	29.40	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	50	75	33	53	39.74	cps
Erbium	164-2	20	3	10	11	75.52	cps
Gadolinium	160-1	133	17	50	67	90.14	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	16499877	15900125	16172744	16190915	1.85	cps
Holmium	165-2	3039409	3071678	3098845	3069977	0.97	cps
Indium	115-1	11785035	11521375	11660747	11655719	1.13	cps
Indium	115-2	418451	414200	422757	418469	1.02	cps
Iron	56-2	12300301	12143099	12092515	12178638	0.89	cps
Iron	57-2	307479	303907	303917	305101	0.68	cps
Krypton	83-1	363	313	283	320	12.63	cps
Lead	206-1	3495056	3488370	3423434	3468953	1.14	cps
Lead	207-1	3165051	3162382	3153740	3160391	0.19	cps
Lead	208-1	14171686	14140971	13988448	14100368	0.70	cps
Lithium	6-1	1992700	1922570	1968093	1961121	1.81	cps
Magnesium	24-2	1311309	1292746	1307646	1303901	0.75	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-2	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:11:54	DataFile Name :	050SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	197088	195602	196075	196255	0.39	cps
Molybdenum	94-1	7641033	7652946	7562048	7618676	0.65	cps
Molybdenum	95-1	9494093	9420552	9425650	9446765	0.43	cps
Molybdenum	96-1	10478070	10599309	10423843	10500408	0.86	cps
Molybdenum	97-1	6022412	6044393	5996567	6021124	0.40	cps
Molybdenum	98-1	15213336	15202330	15321556	15245741	0.43	cps
Neodymium	150-1	187	213	213	204	7.53	cps
Neodymium	150-2	17	7	3	9	78.08	cps
Nickel	60-2	228252	227764	226751	227589	0.34	cps
Phosphorus	31-2	3251	3459	3284	3331	3.36	cps
Potassium	39-2	324224	319238	320739	321400	0.80	cps
Rhodium	103-1	10825285	10505814	10640217	10657106	1.51	cps
Rhodium	103-2	2634290	2618868	2710499	2654552	1.85	cps
Scandium	45-1	6336456	6060621	6100451	6165843	2.42	cps
Scandium	45-2	41799	42240	42438	42159	0.78	cps
Selenium	77-2	283	270	233	262	9.87	cps
Selenium	78-2	889	1033	917	946	8.10	cps
Selenium	82-1	58228	58396	57719	58115	0.61	cps
Silicon	28-1	2943034	3007520	3038059	2996204	1.62	cps
Silver	109-1	4658343	4693692	4689077	4680370	0.41	cps
Silver	107-1	4960899	4962293	4930042	4951078	0.37	cps
Sodium	23-2	2957128	2969896	2951060	2959361	0.32	cps
Strontium	86-1	1145058	1150382	1155502	1150314	0.45	cps
Strontium	88-1	9979348	10175781	9977083	10044071	1.14	cps
Sulfur	34-1	611923	615571	613824	613773	0.30	cps
Terbium	159-1	16710684	16296436	16511398	16506173	1.26	cps
Terbium	159-2	2936046	2900560	2916302	2917636	0.61	cps
Thallium	203-1	4243715	4270304	4252539	4255519	0.32	cps
Thallium	205-1	10066531	10101896	10037526	10068651	0.32	cps
Tin	118-1	3075177	3092437	3061528	3076381	0.50	cps
Titanium	47-1	2369059	2359981	2330082	2353041	0.87	cps
Uranium	238-1	13488337	13519614	13415140	13474363	0.40	cps
Vanadium	51-2	261024	261502	260165	260897	0.26	cps
Yttrium	89-1	12023039	11726487	11854387	11867971	1.25	cps
Yttrium	89-2	309080	307042	311902	309342	0.79	cps
Zinc	66-2	116259	116655	115149	116021	0.67	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-2	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:11:54	DataFile Name :	050SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6355402	6488819	6477400	6440540	1.15	cps
Zirconium	91-1	1441619	1443542	1456247	1447136	0.55	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-3	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:15:07	DataFile Name :	051SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52765	51686	52070	52174	1.05	cps
Antimony	121-1	4842318	4802824	4780994	4808712	0.65	cps
Arsenic	75-2	41629	40946	41380	41318	0.84	cps
Barium	135-1	5198383	5134271	5151647	5161434	0.64	cps
Barium	137-1	8902804	8880804	8802717	8862108	0.59	cps
Beryllium	9-1	539106	535560	539325	537997	0.39	cps
Bismuth	209-1	10616953	10777593	10885491	10760012	1.26	cps
Bismuth	209-2	2413052	2547970	2516330	2492451	2.83	cps
Boron	10-1	58913	59909	60872	59898	1.64	cps
Boron	11-1	276302	283878	288716	282965	2.21	cps
Cadmium	111-1	991148	996570	987507	991742	0.46	cps
Cadmium	106-1	104991	104285	106939	105405	1.30	cps
Cadmium	108-1	71136	70768	71463	71123	0.49	cps
Calcium	43-1	948467	952529	952966	951321	0.26	cps
Calcium	44-1	15754147	15783758	15812773	15783560	0.19	cps
Chromium	52-2	353417	352917	353320	353218	0.07	cps
Cobalt	59-2	778034	773093	776856	775994	0.33	cps
Copper	63-2	1360866	1352852	1353967	1355895	0.32	cps
Dysprosium	156-1	75	67	33	58	37.80	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	0	75	42	39	96.62	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	167	125	100	131	25.80	cps
Gadolinium	160-2	17	13	23	18	28.64	cps
Holmium	165-1	16132098	16285397	16192373	16203289	0.48	cps
Holmium	165-2	3003647	3073504	3091498	3056216	1.52	cps
Indium	115-1	11678401	11655061	11655740	11663067	0.11	cps
Indium	115-2	408000	418794	420547	415780	1.63	cps
Iron	56-2	12256560	12124619	12221040	12200740	0.56	cps
Iron	57-2	305354	303087	301757	303399	0.60	cps
Krypton	83-1	313	327	267	302	10.42	cps
Lead	206-1	3499805	3465032	3492687	3485841	0.53	cps
Lead	207-1	3160841	3183616	3169507	3171321	0.36	cps
Lead	208-1	14224555	14230713	14187953	14214407	0.16	cps
Lithium	6-1	1963693	1964930	1960146	1962923	0.13	cps
Magnesium	24-2	1319772	1294078	1315255	1309702	1.05	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-3	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:15:07	DataFile Name :	051SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	197045	196281	195256	196194	0.46	cps
Molybdenum	94-1	7713594	7762081	7594088	7689921	1.12	cps
Molybdenum	95-1	9425178	9491237	9456925	9457780	0.35	cps
Molybdenum	96-1	10568100	10572040	10561717	10567286	0.05	cps
Molybdenum	97-1	6033351	6038537	6007761	6026550	0.27	cps
Molybdenum	98-1	15214317	15418241	15283249	15305269	0.68	cps
Neodymium	150-1	140	220	220	193	23.89	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	228845	228189	229083	228705	0.20	cps
Phosphorus	31-2	3642	3142	3326	3370	7.51	cps
Potassium	39-2	322178	324485	317976	321546	1.03	cps
Rhodium	103-1	10505017	10726060	10777765	10669614	1.36	cps
Rhodium	103-2	2600362	2677318	2664851	2647511	1.56	cps
Scandium	45-1	6166716	6172210	6239385	6192770	0.65	cps
Scandium	45-2	41445	42618	42568	42210	1.57	cps
Selenium	77-2	270	273	300	281	5.85	cps
Selenium	78-2	943	956	907	935	2.66	cps
Selenium	82-1	58261	58647	58067	58325	0.51	cps
Silicon	28-1	2999976	3032007	3082347	3038110	1.37	cps
Silver	109-1	4757802	4693703	4686758	4712754	0.83	cps
Silver	107-1	4992858	4975305	4965956	4978040	0.27	cps
Sodium	23-2	2974446	2960939	2991979	2975788	0.52	cps
Strontium	86-1	1148143	1143729	1151568	1147813	0.34	cps
Strontium	88-1	10089985	10059293	10047067	10065448	0.22	cps
Sulfur	34-1	615702	613830	616257	615263	0.21	cps
Terbium	159-1	16323894	16607756	16549841	16493830	0.91	cps
Terbium	159-2	2803225	2915262	2906944	2875143	2.17	cps
Thallium	203-1	4289559	4320994	4224178	4278244	1.15	cps
Thallium	205-1	10049377	10190331	10016147	10085285	0.92	cps
Tin	118-1	3143924	3101703	3092481	3112703	0.88	cps
Titanium	47-1	2364051	2372921	2347865	2361612	0.54	cps
Uranium	238-1	13454038	13645474	13533152	13544221	0.71	cps
Vanadium	51-2	261856	258640	261363	260620	0.66	cps
Yttrium	89-1	11709052	11773322	11909854	11797409	0.87	cps
Yttrium	89-2	300910	310822	312238	307990	2.00	cps
Zinc	66-2	117317	116145	116803	116755	0.50	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-3	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:15:07	DataFile Name :	051SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6424171	6469795	6429029	6440998	0.39	cps
Zirconium	91-1	1439644	1438736	1453545	1443975	0.57	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-4	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:18:19	DataFile Name :	052SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52893	52118	51826	52279	1.05	cps
Antimony	121-1	4778054	4839183	4826531	4814589	0.67	cps
Arsenic	75-2	41740	41364	41453	41519	0.47	cps
Barium	135-1	5188461	5214235	5167511	5190069	0.45	cps
Barium	137-1	8866633	8818699	8857818	8847717	0.29	cps
Beryllium	9-1	540984	544655	543440	543026	0.34	cps
Bismuth	209-1	10692295	9927304	10549240	10389613	3.91	cps
Bismuth	209-2	2526482	2497994	2486508	2503661	0.82	cps
Boron	10-1	58203	61072	61031	60102	2.74	cps
Boron	11-1	277709	288515	292806	286343	2.72	cps
Cadmium	111-1	994620	1004244	994349	997737	0.56	cps
Cadmium	106-1	104335	106074	105251	105220	0.83	cps
Cadmium	108-1	71019	70450	72188	71219	1.24	cps
Calcium	43-1	947829	955600	950511	951314	0.41	cps
Calcium	44-1	15694013	15869998	15771249	15778420	0.56	cps
Chromium	52-2	358908	355756	354630	356431	0.62	cps
Cobalt	59-2	783767	785193	783439	784133	0.12	cps
Copper	63-2	1373215	1362181	1367245	1367547	0.40	cps
Dysprosium	156-1	42	75	125	81	52.07	cps
Dysprosium	156-2	0	3	13	6	124.93	cps
Erbium	164-1	67	83	75	75	11.11	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	92	42	75	69	36.66	cps
Gadolinium	160-2	7	10	20	12	56.76	cps
Holmium	165-1	16241922	15008159	16037463	15762515	4.20	cps
Holmium	165-2	3076610	3089117	3046903	3070877	0.71	cps
Indium	115-1	11609843	10798882	11498737	11302487	3.89	cps
Indium	115-2	420378	419803	423617	421266	0.49	cps
Iron	56-2	12398130	12287585	12294787	12326834	0.50	cps
Iron	57-2	306424	306066	307167	306552	0.18	cps
Krypton	83-1	293	313	313	307	3.77	cps
Lead	206-1	3457576	3531322	3499128	3496009	1.06	cps
Lead	207-1	3165615	3191494	3162205	3173105	0.50	cps
Lead	208-1	14184466	14231084	14138180	14184577	0.33	cps
Lithium	6-1	1943962	1840887	1935572	1906807	3.00	cps
Magnesium	24-2	1331132	1308449	1322810	1320797	0.87	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-4	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:18:19	DataFile Name :	052SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	197268	196254	196210	196577	0.30	cps
Molybdenum	94-1	7715603	7718268	7648640	7694170	0.51	cps
Molybdenum	95-1	9500418	9478868	9536580	9505289	0.31	cps
Molybdenum	96-1	10573095	10566280	10572955	10570777	0.04	cps
Molybdenum	97-1	6034704	6136192	6044810	6071902	0.92	cps
Molybdenum	98-1	15402605	15319109	15355636	15359117	0.27	cps
Neodymium	150-1	147	173	187	169	12.06	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	232260	231626	232789	232225	0.25	cps
Phosphorus	31-2	3309	3242	3542	3364	4.68	cps
Potassium	39-2	322273	323395	322033	322567	0.23	cps
Rhodium	103-1	10648799	9750161	10461299	10286753	4.61	cps
Rhodium	103-2	2672113	2637742	2681528	2663794	0.87	cps
Scandium	45-1	6255243	5760343	6059857	6025148	4.14	cps
Scandium	45-2	42471	42294	43073	42612	0.96	cps
Selenium	77-2	307	303	290	300	2.94	cps
Selenium	78-2	932	961	954	949	1.63	cps
Selenium	82-1	58358	58902	58108	58456	0.69	cps
Silicon	28-1	2949866	3070752	3085212	3035277	2.45	cps
Silver	109-1	4746420	4744436	4744614	4745157	0.02	cps
Silver	107-1	5001207	4937526	5001353	4980029	0.74	cps
Sodium	23-2	3033347	2980903	2967738	2993996	1.16	cps
Strontium	86-1	1156816	1163250	1159837	1159968	0.28	cps
Strontium	88-1	10060574	10292957	10128374	10160635	1.18	cps
Sulfur	34-1	612721	618829	613252	614934	0.55	cps
Terbium	159-1	16465566	15483926	16303926	16084473	3.27	cps
Terbium	159-2	2875796	2966780	2909716	2917431	1.58	cps
Thallium	203-1	4326145	4280536	4310844	4305842	0.54	cps
Thallium	205-1	10039403	10074979	10078441	10064274	0.21	cps
Tin	118-1	3110752	3154822	3144642	3136739	0.74	cps
Titanium	47-1	2359981	2378068	2380151	2372733	0.47	cps
Uranium	238-1	13624906	13647745	13634980	13635877	0.08	cps
Vanadium	51-2	264423	263240	262935	263533	0.30	cps
Yttrium	89-1	11847024	11110858	11661497	11539793	3.32	cps
Yttrium	89-2	309646	308725	312744	310372	0.68	cps
Zinc	66-2	119028	116561	116850	117480	1.15	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 WATER IDOC-4	Instrumnet Name :	P8
Client Sample ID :	6020 WATER IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:18:19	DataFile Name :	052SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6508181	6463573	6535219	6502324	0.56	cps
Zirconium	91-1	1440102	1466659	1423715	1443492	1.50	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:31:39	DataFile Name :	054LCSS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51104	49418	50577	50366	1.71	cps
Antimony	121-1	4530025	4568813	4525218	4541352	0.53	cps
Arsenic	75-2	39976	40210	39881	40023	0.42	cps
Barium	135-1	4908740	4925359	4878898	4904332	0.48	cps
Barium	137-1	8454925	8414537	8351249	8406904	0.62	cps
Beryllium	9-1	511923	516778	511282	513328	0.59	cps
Bismuth	209-1	10407154	10437381	10472054	10438863	0.31	cps
Bismuth	209-2	2471672	2459637	2466767	2466025	0.25	cps
Boron	10-1	55709	56972	58144	56942	2.14	cps
Boron	11-1	263366	273400	273350	270039	2.14	cps
Cadmium	111-1	937792	938794	948302	941629	0.62	cps
Cadmium	106-1	101849	101564	100960	101458	0.45	cps
Cadmium	108-1	67916	67347	67045	67436	0.66	cps
Calcium	43-1	901989	899598	898792	900126	0.18	cps
Calcium	44-1	15020166	15004853	14840921	14955314	0.66	cps
Chromium	52-2	341053	340112	343798	341654	0.56	cps
Cobalt	59-2	755722	751086	758529	755112	0.50	cps
Copper	63-2	1311150	1302656	1306030	1306612	0.33	cps
Dysprosium	156-1	117	108	83	103	16.88	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	50	75	108	78	37.63	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	67	100	75	81	21.54	cps
Gadolinium	160-2	13	13	23	17	34.65	cps
Holmium	165-1	15966026	15953588	15890853	15936822	0.25	cps
Holmium	165-2	3077381	3018477	3056314	3050724	0.98	cps
Indium	115-1	11495600	11475317	11489497	11486805	0.09	cps
Indium	115-2	415931	415081	414970	415328	0.13	cps
Iron	56-2	11848721	11691839	11755426	11765329	0.67	cps
Iron	57-2	291326	291829	293667	292274	0.42	cps
Krypton	83-1	253	287	363	301	18.73	cps
Lead	206-1	3273247	3308136	3302862	3294748	0.57	cps
Lead	207-1	2987143	3015538	3039806	3014162	0.87	cps
Lead	208-1	13401674	13499311	13555672	13485552	0.58	cps
Lithium	6-1	1913393	1907319	1906379	1909030	0.20	cps
Magnesium	24-2	1253700	1284586	1279013	1272433	1.29	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : LCSS Instrumnet Name : P8
 Client Sample ID : LCSS Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 17:31:39 DataFile Name : 054LCSS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	190520	189049	190134	189901	0.40	cps
Molybdenum	94-1	7297011	7379904	7376305	7351073	0.64	cps
Molybdenum	95-1	9014603	9096139	9070576	9060439	0.46	cps
Molybdenum	96-1	10184602	10096402	10184853	10155286	0.50	cps
Molybdenum	97-1	5733939	5808342	5773926	5772069	0.65	cps
Molybdenum	98-1	14498065	14655274	14610165	14587835	0.55	cps
Neodymium	150-1	233	167	213	204	16.73	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	221770	222281	222501	222184	0.17	cps
Phosphorus	31-2	3367	2992	3059	3139	6.37	cps
Potassium	39-2	310379	310377	311170	310642	0.15	cps
Rhodium	103-1	10387045	10372823	10318589	10359485	0.35	cps
Rhodium	103-2	2629149	2644051	2645772	2639657	0.35	cps
Scandium	45-1	6122533	6076239	6130904	6109892	0.48	cps
Scandium	45-2	42615	41976	41822	42138	1.00	cps
Selenium	77-2	303	260	267	277	8.43	cps
Selenium	78-2	883	917	917	906	2.13	cps
Selenium	82-1	55274	56302	55967	55848	0.94	cps
Silicon	28-1	2291000	2313576	2315236	2306604	0.59	cps
Silver	109-1	4502799	4500614	4460962	4488125	0.52	cps
Silver	107-1	4826896	4806321	4768969	4800729	0.61	cps
Sodium	23-2	2857141	2873370	2865213	2865241	0.28	cps
Strontium	86-1	1112901	1123178	1117848	1117976	0.46	cps
Strontium	88-1	9834974	9846011	9901166	9860717	0.36	cps
Sulfur	34-1	612497	610288	609304	610696	0.27	cps
Terbium	159-1	16026426	16189547	16175077	16130350	0.56	cps
Terbium	159-2	2858287	2877081	2856353	2863907	0.40	cps
Thallium	203-1	4058028	4082164	4097500	4079231	0.49	cps
Thallium	205-1	9545493	9595607	9592897	9577999	0.29	cps
Tin	118-1	3032783	3091752	3043920	3056151	1.03	cps
Titanium	47-1	2271881	2272340	2267715	2270645	0.11	cps
Uranium	238-1	12871099	12932201	12976130	12926477	0.41	cps
Vanadium	51-2	253651	253865	252644	253387	0.26	cps
Yttrium	89-1	11650364	11586524	11585734	11607541	0.32	cps
Yttrium	89-2	308910	308395	305493	307599	0.60	cps
Zinc	66-2	112791	111591	113446	112609	0.84	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P8
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:31:39	DataFile Name :	054LCSS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6278371	6328852	6228477	6278567	0.80	cps
Zirconium	91-1	1351149	1349029	1354571	1351583	0.21	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-1	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:34:51	DataFile Name :	055SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52552	51960	52145	52219	0.58	cps
Antimony	121-1	4712575	4731768	4758079	4734141	0.48	cps
Arsenic	75-2	41871	41538	41063	41490	0.98	cps
Barium	135-1	5070313	5133679	5131706	5111899	0.70	cps
Barium	137-1	8799400	8730832	8807715	8779316	0.48	cps
Beryllium	9-1	530660	538118	527008	531929	1.06	cps
Bismuth	209-1	10510120	10455167	10484388	10483225	0.26	cps
Bismuth	209-2	2501147	2335205	2474509	2436954	3.66	cps
Boron	10-1	57299	58144	61140	58861	3.43	cps
Boron	11-1	270947	282830	284133	279303	2.60	cps
Cadmium	111-1	970533	988489	978849	979290	0.92	cps
Cadmium	106-1	103327	103454	106375	104386	1.65	cps
Cadmium	108-1	69457	69624	70617	69900	0.90	cps
Calcium	43-1	942193	943650	942902	942915	0.08	cps
Calcium	44-1	15667250	15672027	15753025	15697434	0.31	cps
Chromium	52-2	358066	355240	355908	356405	0.41	cps
Cobalt	59-2	784742	780859	781197	782266	0.27	cps
Copper	63-2	1364239	1369965	1362337	1365513	0.29	cps
Dysprosium	156-1	92	100	108	100	8.33	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	42	67	33	47	36.74	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	67	133	83	94	36.73	cps
Gadolinium	160-2	20	17	20	19	10.18	cps
Holmium	165-1	16071454	16050751	15989369	16037191	0.27	cps
Holmium	165-2	3084797	2862685	3019090	2988857	3.82	cps
Indium	115-1	11455116	11514313	11455489	11474973	0.30	cps
Indium	115-2	424709	394411	418035	412385	3.86	cps
Iron	56-2	12350943	12344641	12349575	12348386	0.03	cps
Iron	57-2	305981	305931	304324	305412	0.31	cps
Krypton	83-1	260	277	317	284	10.24	cps
Lead	206-1	3407308	3429210	3412780	3416432	0.33	cps
Lead	207-1	3090941	3139172	3098936	3109683	0.83	cps
Lead	208-1	13923264	13995972	13940945	13953394	0.27	cps
Lithium	6-1	1902588	1925329	1925461	1917793	0.69	cps
Magnesium	24-2	1329972	1333303	1322058	1328445	0.43	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-1	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:34:51	DataFile Name :	055SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	198377	197272	196595	197415	0.46	cps
Molybdenum	94-1	7588022	7593620	7598761	7593468	0.07	cps
Molybdenum	95-1	9379281	9470682	9474845	9441603	0.57	cps
Molybdenum	96-1	10408596	10528216	10411400	10449404	0.65	cps
Molybdenum	97-1	5935635	6018396	5935299	5963110	0.80	cps
Molybdenum	98-1	15084368	15275901	15211841	15190703	0.64	cps
Neodymium	150-1	193	253	193	213	16.24	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	229181	231021	230041	230081	0.40	cps
Phosphorus	31-2	3334	3342	3159	3278	3.16	cps
Potassium	39-2	326463	324164	325287	325305	0.35	cps
Rhodium	103-1	10406067	10517434	10503721	10475741	0.58	cps
Rhodium	103-2	2701094	2515690	2620059	2612281	3.56	cps
Scandium	45-1	6168235	6163109	6074934	6135426	0.85	cps
Scandium	45-2	43126	40389	41672	41729	3.28	cps
Selenium	77-2	210	310	260	260	19.23	cps
Selenium	78-2	998	1004	998	1000	0.32	cps
Selenium	82-1	57063	57803	57760	57542	0.72	cps
Silicon	28-1	2810030	2906436	2916985	2877817	2.05	cps
Silver	109-1	4665332	4650985	4709555	4675291	0.65	cps
Silver	107-1	4890544	4920165	5003196	4937968	1.18	cps
Sodium	23-2	2983456	3010365	2987901	2993907	0.48	cps
Strontium	86-1	1137707	1144231	1143170	1141703	0.31	cps
Strontium	88-1	9925228	9968598	10023127	9972318	0.49	cps
Sulfur	34-1	609380	613738	608344	610487	0.47	cps
Terbium	159-1	16245492	16303417	16298970	16282626	0.20	cps
Terbium	159-2	2895014	2707176	2864716	2822302	3.57	cps
Thallium	203-1	4249582	4264402	4244736	4252907	0.24	cps
Thallium	205-1	9920003	9905148	9939821	9921658	0.18	cps
Tin	118-1	3042364	3080093	3088272	3070243	0.80	cps
Titanium	47-1	2341495	2375160	2331982	2349546	0.97	cps
Uranium	238-1	13300478	13167747	13349837	13272687	0.71	cps
Vanadium	51-2	265246	262807	263536	263863	0.47	cps
Yttrium	89-1	11674851	11794068	11706021	11724980	0.53	cps
Yttrium	89-2	316451	291224	311792	306489	4.38	cps
Zinc	66-2	118208	117203	117677	117696	0.43	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-1	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:34:51	DataFile Name :	055SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6420657	6355034	6445744	6407145	0.73	cps
Zirconium	91-1	1385397	1419966	1432520	1412628	1.73	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-2	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:38:03	DataFile Name :	056SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52469	53523	52587	52860	1.09	cps
Antimony	121-1	4751721	4746546	4822376	4773548	0.89	cps
Arsenic	75-2	42216	42188	42484	42296	0.39	cps
Barium	135-1	5123681	5180162	5194151	5165998	0.72	cps
Barium	137-1	8879438	8872369	8871231	8874346	0.05	cps
Beryllium	9-1	536499	531071	538441	535337	0.71	cps
Bismuth	209-1	10616350	10245533	10636466	10499450	2.10	cps
Bismuth	209-2	2469022	2508708	2478500	2485410	0.83	cps
Boron	10-1	59616	59533	60185	59778	0.59	cps
Boron	11-1	276789	286323	290027	284380	2.40	cps
Cadmium	111-1	987423	1002004	996987	995472	0.74	cps
Cadmium	106-1	104478	104646	105560	104895	0.56	cps
Cadmium	108-1	71291	70609	70550	70817	0.58	cps
Calcium	43-1	943828	963031	958476	955112	1.05	cps
Calcium	44-1	15833751	15889467	15962390	15895203	0.41	cps
Chromium	52-2	359777	360019	361016	360271	0.18	cps
Cobalt	59-2	792959	791948	797730	794212	0.39	cps
Copper	63-2	1374465	1379813	1388802	1381027	0.52	cps
Dysprosium	156-1	75	67	83	75	11.11	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	42	58	50	50	16.67	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	117	42	125	94	48.60	cps
Gadolinium	160-2	10	23	13	16	44.60	cps
Holmium	165-1	16431191	15280151	16121619	15944320	3.74	cps
Holmium	165-2	3053604	3061020	3059262	3057962	0.13	cps
Indium	115-1	11639269	10986125	11583072	11402822	3.17	cps
Indium	115-2	423964	425292	421244	423500	0.49	cps
Iron	56-2	12544754	12504400	12460060	12503071	0.34	cps
Iron	57-2	309582	310614	311896	310698	0.37	cps
Krypton	83-1	313	337	410	353	14.28	cps
Lead	206-1	3439840	3500843	3486561	3475748	0.92	cps
Lead	207-1	3150847	3165968	3159995	3158937	0.24	cps
Lead	208-1	14137141	14113910	14220041	14157030	0.39	cps
Lithium	6-1	1940025	1788582	1945735	1891447	4.71	cps
Magnesium	24-2	1343802	1340342	1342292	1342145	0.13	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-2	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:38:03	DataFile Name :	056SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	198008	200503	202451	200321	1.11	cps
Molybdenum	94-1	7665316	7695138	7696322	7685592	0.23	cps
Molybdenum	95-1	9523286	9527942	9566840	9539356	0.25	cps
Molybdenum	96-1	10548600	10590715	10548500	10562605	0.23	cps
Molybdenum	97-1	6017074	6113743	6081239	6070685	0.81	cps
Molybdenum	98-1	15258173	15399048	15296732	15317984	0.48	cps
Neodymium	150-1	240	260	227	242	6.93	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	232827	234677	233366	233623	0.41	cps
Phosphorus	31-2	3167	3167	2917	3084	4.68	cps
Potassium	39-2	327112	330195	329534	328947	0.49	cps
Rhodium	103-1	10650903	10042878	10559388	10417723	3.15	cps
Rhodium	103-2	2706906	2697815	2667762	2690828	0.76	cps
Scandium	45-1	6242837	5852133	6205051	6100007	3.53	cps
Scandium	45-2	43069	43263	43290	43208	0.28	cps
Selenium	77-2	297	227	240	254	14.61	cps
Selenium	78-2	885	994	913	931	6.10	cps
Selenium	82-1	57906	58877	58353	58379	0.83	cps
Silicon	28-1	2855748	2931243	2940914	2909302	1.60	cps
Silver	109-1	4684796	4731650	4753622	4723356	0.74	cps
Silver	107-1	4993656	5050796	4983171	5009208	0.73	cps
Sodium	23-2	3041503	3003946	3062412	3035954	0.98	cps
Strontium	86-1	1145401	1162895	1159657	1155984	0.81	cps
Strontium	88-1	10009795	10131049	10236276	10125707	1.12	cps
Sulfur	34-1	610805	604913	612030	609249	0.62	cps
Terbium	159-1	16703759	15586556	16405074	16231796	3.56	cps
Terbium	159-2	2882202	2900336	2900470	2894336	0.36	cps
Thallium	203-1	4277849	4272275	4326122	4292082	0.69	cps
Thallium	205-1	10106413	10118428	10100723	10108521	0.09	cps
Tin	118-1	3086107	3091415	3135974	3104499	0.88	cps
Titanium	47-1	2377669	2402022	2391581	2390424	0.51	cps
Uranium	238-1	13411505	13474333	13580102	13488647	0.63	cps
Vanadium	51-2	266987	268254	268366	267869	0.29	cps
Yttrium	89-1	11892108	11243479	11861309	11665632	3.14	cps
Yttrium	89-2	313344	316718	316820	315628	0.63	cps
Zinc	66-2	118063	119402	119341	118935	0.64	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-2	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:38:03	DataFile Name :	056SMPL_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6458137	6535189	6512701	6502009	0.61	cps
Zirconium	91-1	1439975	1457381	1470636	1455998	1.06	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:45:28	DataFile Name :	058CCV_P8072818- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277513	277973	278128	277871	0.12	cps
Antimony	121-1	4453793	4445493	4426961	4442083	0.31	cps
Arsenic	75-2	41965	41074	41137	41392	1.20	cps
Barium	135-1	4859527	4844058	4826045	4843210	0.35	cps
Barium	137-1	8300529	8295790	8261821	8286047	0.25	cps
Beryllium	9-1	524531	527821	528180	526844	0.38	cps
Bismuth	209-1	10066823	9972987	10185245	10075019	1.06	cps
Bismuth	209-2	2487100	2453313	2454583	2464999	0.78	cps
Boron	10-1	62913	64713	66077	64568	2.46	cps
Boron	11-1	298582	306189	311990	305587	2.20	cps
Cadmium	111-1	906580	908697	915637	910305	0.52	cps
Cadmium	106-1	98474	97753	100154	98794	1.25	cps
Cadmium	108-1	65454	64713	65642	65270	0.75	cps
Calcium	43-1	4628388	4682928	4668982	4660099	0.61	cps
Calcium	44-1	75608225	76062450	75729368	75800014	0.31	cps
Chromium	52-2	364722	365635	365950	365436	0.17	cps
Cobalt	59-2	778300	774957	775683	776314	0.23	cps
Copper	63-2	1299505	1290222	1296165	1295297	0.36	cps
Dysprosium	156-1	167	208	117	164	28.00	cps
Dysprosium	156-2	10	17	23	17	39.99	cps
Erbium	164-1	92	175	75	114	47.04	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	192	83	158	144	38.41	cps
Gadolinium	160-2	40	13	17	23	62.27	cps
Holmium	165-1	16019422	15645526	16201333	15955427	1.78	cps
Holmium	165-2	3179066	3153872	3109764	3147567	1.11	cps
Indium	115-1	11398747	11148864	11552354	11366655	1.79	cps
Indium	115-2	437223	435711	431595	434843	0.67	cps
Iron	56-2	61008561	60741453	60602279	60784098	0.34	cps
Iron	57-2	1557036	1553123	1559595	1556585	0.21	cps
Krypton	83-1	360	320	333	338	6.03	cps
Lead	206-1	3184495	3193422	3194939	3190952	0.18	cps
Lead	207-1	2915596	2884943	2917959	2906166	0.63	cps
Lead	208-1	13071228	12986290	12971710	13009743	0.41	cps
Lithium	6-1	1951491	1928651	1963898	1948013	0.92	cps
Magnesium	24-2	6635383	6582175	6618702	6612087	0.41	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:45:28	DataFile Name :	058CCV_P8072818- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	198605	199273	196268	198049	0.80	cps
Molybdenum	94-1	7429306	7491376	7452456	7457713	0.42	cps
Molybdenum	95-1	9133025	9185358	9136444	9151609	0.32	cps
Molybdenum	96-1	10177787	10208283	10253916	10213329	0.38	cps
Molybdenum	97-1	5853017	5839535	5845005	5845852	0.12	cps
Molybdenum	98-1	14897929	14777572	14645399	14773633	0.85	cps
Neodymium	150-1	360	393	300	351	13.47	cps
Neodymium	150-2	30	10	30	23	49.49	cps
Nickel	60-2	225962	227801	227805	227190	0.47	cps
Phosphorus	31-2	3317	3576	3651	3514	4.98	cps
Potassium	39-2	1738629	1723342	1742975	1734982	0.59	cps
Rhodium	103-1	10235009	10121519	10266587	10207705	0.75	cps
Rhodium	103-2	2707761	2711354	2624647	2681254	1.83	cps
Scandium	45-1	6335786	6237325	6425645	6332919	1.49	cps
Scandium	45-2	46978	46965	46360	46768	0.76	cps
Selenium	77-2	257	237	247	247	4.05	cps
Selenium	78-2	969	993	972	978	1.33	cps
Selenium	82-1	54940	55100	54919	54986	0.18	cps
Silicon	28-1	2050910	2060901	2070669	2060827	0.48	cps
Silver	109-1	4322865	4304705	4346286	4324619	0.48	cps
Silver	107-1	4545709	4550069	4611154	4568977	0.80	cps
Sodium	23-2	14931864	14916383	14998395	14948881	0.29	cps
Strontium	86-1	1141197	1148499	1150400	1146698	0.42	cps
Strontium	88-1	9992045	10087208	10043562	10040938	0.47	cps
Sulfur	34-1	621578	624713	626575	624289	0.40	cps
Terbium	159-1	16203254	16172721	16273890	16216622	0.32	cps
Terbium	159-2	3003854	2984098	2955824	2981258	0.81	cps
Thallium	203-1	3968288	3929519	3904163	3933990	0.82	cps
Thallium	205-1	9276796	9234626	9247498	9252973	0.23	cps
Tin	118-1	3113221	3061006	3077048	3083758	0.87	cps
Titanium	47-1	2363088	2361309	2352751	2359049	0.23	cps
Uranium	238-1	12961195	12837266	12836017	12878159	0.56	cps
Vanadium	51-2	267039	267989	266715	267248	0.25	cps
Yttrium	89-1	11967981	11677062	11947015	11864020	1.37	cps
Yttrium	89-2	330371	332179	329400	330650	0.43	cps
Zinc	66-2	115422	116255	116252	115976	0.41	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:45:28	DataFile Name :	058CCV_P8072818- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6325298	6353133	6388572	6355668	0.50	cps
Zirconium	91-1	1403010	1372275	1428895	1401393	2.02	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : CCB67 Instrumnet Name : P8
 Client Sample ID : CCB67 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 17:56:06 DataFile Name : 060CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5	13	10	9	41.66	cps
Antimony	121-1	2484	2809	3092	2795	10.89	cps
Arsenic	75-2	7	2	7	6	57.77	cps
Barium	135-1	100	100	100	100	0.01	cps
Barium	137-1	100	142	183	142	29.41	cps
Beryllium	9-1	372	383	317	357	9.99	cps
Bismuth	209-1	10600587	10625208	10371949	10532581	1.33	cps
Bismuth	209-2	2629520	2555750	2581378	2588883	1.45	cps
Boron	10-1	1975	1950	1900	1942	1.97	cps
Boron	11-1	8845	8278	8478	8533	3.37	cps
Cadmium	111-1	1655	1660	1719	1678	2.10	cps
Cadmium	106-1	2325	2309	2392	2342	1.88	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	633	442	533	536	17.88	cps
Calcium	44-1	13774	13148	13749	13557	2.61	cps
Chromium	52-2	347	397	377	373	6.74	cps
Cobalt	59-2	37	93	93	74	43.95	cps
Copper	63-2	440	327	387	384	14.75	cps
Dysprosium	156-1	25	33	33	31	15.75	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	50	75	61	20.84	cps
Erbium	164-2	10	3	23	12	83.33	cps
Gadolinium	160-1	50	42	58	50	16.67	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	15896557	15860274	15342551	15699794	1.97	cps
Holmium	165-2	3152307	3062630	3105921	3106952	1.44	cps
Indium	115-1	11863759	12004341	11385942	11751347	2.76	cps
Indium	115-2	452898	440325	444305	445843	1.44	cps
Iron	56-2	2139	2006	1622	1922	13.95	cps
Iron	57-2	83	56	56	65	24.74	cps
Krypton	83-1	367	363	373	368	1.39	cps
Lead	206-1	661	622	572	619	7.20	cps
Lead	207-1	533	511	472	506	6.12	cps
Lead	208-1	2611	2439	2506	2519	3.45	cps
Lithium	6-1	1995658	2006125	1915172	1972319	2.52	cps
Magnesium	24-2	342	358	450	383	15.22	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:56:06	DataFile Name :	060CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	80	70	66	26.09	cps
Molybdenum	94-1	1417	1325	1350	1364	3.47	cps
Molybdenum	95-1	950	1242	1042	1078	13.84	cps
Molybdenum	96-1	1367	1350	1250	1322	4.77	cps
Molybdenum	97-1	733	617	708	686	8.95	cps
Molybdenum	98-1	1792	1650	1717	1720	4.12	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	107	107	116	13.32	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2567	2425	2592	2528	3.56	cps
Rhodium	103-1	10965404	10928601	10613430	10835811	1.79	cps
Rhodium	103-2	2881477	2839227	2807053	2842586	1.31	cps
Scandium	45-1	6447135	6455944	6217646	6373575	2.12	cps
Scandium	45-2	46845	45527	45808	46060	1.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	-57	-52	-63	-57	-9.84	cps
Silicon	28-1	267304	263340	269141	266595	1.11	cps
Silver	109-1	217	183	258	219	17.13	cps
Silver	107-1	250	292	192	244	20.55	cps
Sodium	23-2	7919	8194	8019	8044	1.73	cps
Strontium	86-1	583	542	567	564	3.72	cps
Strontium	88-1	200	150	233	194	21.57	cps
Sulfur	34-1	365101	366475	371340	367639	0.89	cps
Terbium	159-1	16332955	16346562	15680734	16120084	2.36	cps
Terbium	159-2	2985540	2894623	2928600	2936254	1.56	cps
Thallium	203-1	717	608	800	708	13.57	cps
Thallium	205-1	1842	1717	1842	1800	4.01	cps
Tin	118-1	5710	6168	6268	6049	4.92	cps
Titanium	47-1	117	208	58	128	59.17	cps
Uranium	238-1	117	108	142	122	14.20	cps
Vanadium	51-2	10	0	13	8	89.21	cps
Yttrium	89-1	12013166	12025529	11431867	11823521	2.87	cps
Yttrium	89-2	335844	325411	327300	329518	1.69	cps
Zinc	66-2	130	63	90	94	35.53	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 17:56:06	DataFile Name :	060CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1850	1909	1717	1825	5.38	cps
Zirconium	91-1	508	450	408	456	11.03	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-3	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:04:22	DataFile Name :	061LCSS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54916	54226	54522	54555	0.63	cps
Antimony	121-1	4640314	4711381	4660799	4670832	0.78	cps
Arsenic	75-2	42731	42456	42669	42619	0.34	cps
Barium	135-1	5013765	5057574	5057475	5042938	0.50	cps
Barium	137-1	8612801	8736611	8724988	8691467	0.79	cps
Beryllium	9-1	555289	553665	545235	551396	0.98	cps
Bismuth	209-1	10400792	10355784	10385194	10380590	0.22	cps
Bismuth	209-2	2517792	2552258	2459050	2509700	1.88	cps
Boron	10-1	59750	62068	62948	61589	2.68	cps
Boron	11-1	279814	288104	298886	288935	3.31	cps
Cadmium	111-1	966325	968889	968381	967865	0.14	cps
Cadmium	106-1	104563	105133	102681	104126	1.23	cps
Cadmium	108-1	69055	69671	69064	69263	0.51	cps
Calcium	43-1	958106	966930	962314	962450	0.46	cps
Calcium	44-1	15936303	15995114	15991914	15974444	0.21	cps
Chromium	52-2	370949	367588	367648	368728	0.52	cps
Cobalt	59-2	803264	797698	805249	802070	0.49	cps
Copper	63-2	1387229	1385447	1385119	1385932	0.08	cps
Dysprosium	156-1	75	75	83	78	6.19	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	67	67	42	58	24.74	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	83	108	117	103	16.88	cps
Gadolinium	160-2	30	27	10	22	48.22	cps
Holmium	165-1	16026782	15871805	16103297	16000628	0.74	cps
Holmium	165-2	3085386	3113699	3071689	3090258	0.69	cps
Indium	115-1	11600281	11557800	11532980	11563687	0.29	cps
Indium	115-2	437362	439308	426982	434550	1.52	cps
Iron	56-2	12719197	12561995	12726658	12669283	0.73	cps
Iron	57-2	316674	312476	313610	314253	0.69	cps
Krypton	83-1	337	363	333	344	4.77	cps
Lead	206-1	3338824	3363247	3360003	3354025	0.40	cps
Lead	207-1	3047366	3040970	3082781	3057039	0.74	cps
Lead	208-1	13683290	13599291	13658090	13646890	0.32	cps
Lithium	6-1	1985587	2008461	2005748	1999932	0.62	cps
Magnesium	24-2	1409260	1383627	1388743	1393877	0.97	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-3	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:04:22	DataFile Name :	061LCSS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	204768	204290	205383	204813	0.27	cps
Molybdenum	94-1	7617307	7662144	7700657	7660036	0.54	cps
Molybdenum	95-1	9346961	9419979	9411803	9392914	0.43	cps
Molybdenum	96-1	10521462	10465597	10384302	10457120	0.66	cps
Molybdenum	97-1	5991615	5973721	5985383	5983573	0.15	cps
Molybdenum	98-1	15050842	15235280	15099862	15128661	0.63	cps
Neodymium	150-1	153	207	193	184	15.05	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	234329	234138	234942	234469	0.18	cps
Phosphorus	31-2	3476	3776	3392	3548	5.68	cps
Potassium	39-2	343551	340229	339523	341101	0.63	cps
Rhodium	103-1	10578560	10634577	10529404	10580847	0.50	cps
Rhodium	103-2	2767445	2778386	2700813	2748881	1.53	cps
Scandium	45-1	6361217	6388855	6319018	6356364	0.55	cps
Scandium	45-2	46403	45718	45146	45756	1.38	cps
Selenium	77-2	283	273	293	283	3.53	cps
Selenium	78-2	909	994	982	962	4.77	cps
Selenium	82-1	57385	57404	57762	57517	0.37	cps
Silicon	28-1	2484111	2496752	2509044	2496636	0.50	cps
Silver	109-1	4612314	4653839	4638845	4634999	0.45	cps
Silver	107-1	4921401	4942133	4898882	4920805	0.44	cps
Sodium	23-2	3107973	3149471	3151811	3136418	0.79	cps
Strontium	86-1	1171423	1155421	1165857	1164234	0.70	cps
Strontium	88-1	10183334	10107581	10208759	10166558	0.52	cps
Sulfur	34-1	638443	639612	636655	638237	0.23	cps
Terbium	159-1	16334039	16267264	16182080	16261127	0.47	cps
Terbium	159-2	2967048	2978944	2907805	2951266	1.29	cps
Thallium	203-1	4165556	4135318	4163867	4154914	0.41	cps
Thallium	205-1	9730742	9721461	9685298	9712500	0.25	cps
Tin	118-1	3111829	3152516	3102802	3122382	0.85	cps
Titanium	47-1	2408904	2425334	2415587	2416608	0.34	cps
Uranium	238-1	12952530	13107385	13092995	13050970	0.66	cps
Vanadium	51-2	274458	273247	271185	272964	0.61	cps
Yttrium	89-1	11904672	11894019	11861789	11886827	0.19	cps
Yttrium	89-2	325302	328270	320074	324548	1.28	cps
Zinc	66-2	119267	118975	119768	119336	0.34	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-3	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:04:22	DataFile Name :	061LCSS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6491566	6471059	6488510	6483712	0.17	cps
Zirconium	91-1	1441135	1439911	1455609	1445552	0.60	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-4	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:07:34	DataFile Name :	062LCSS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56285	56031	56111	56142	0.23	cps
Antimony	121-1	4785573	4841276	4792777	4806542	0.63	cps
Arsenic	75-2	43946	43366	43973	43762	0.78	cps
Barium	135-1	5173935	5198076	5136365	5169459	0.60	cps
Barium	137-1	8886063	8929736	8917213	8911004	0.25	cps
Beryllium	9-1	562620	557634	559260	559838	0.45	cps
Bismuth	209-1	10255395	10500116	10752274	10502595	2.37	cps
Bismuth	209-2	2479126	2513116	2557700	2516647	1.57	cps
Boron	10-1	62177	61775	62503	62152	0.59	cps
Boron	11-1	290995	299268	302827	297697	2.04	cps
Cadmium	111-1	996175	991874	992533	993527	0.23	cps
Cadmium	106-1	107762	105661	106678	106700	0.98	cps
Cadmium	108-1	72758	69968	70441	71056	2.10	cps
Calcium	43-1	983146	986089	980604	983280	0.28	cps
Calcium	44-1	16348083	16447637	16329262	16374994	0.39	cps
Chromium	52-2	379671	378703	378876	379083	0.14	cps
Cobalt	59-2	825939	822502	821552	823331	0.28	cps
Copper	63-2	1429763	1427640	1426857	1428087	0.11	cps
Dysprosium	156-1	75	100	75	83	17.32	cps
Dysprosium	156-2	13	10	3	9	57.30	cps
Erbium	164-1	67	67	83	72	13.33	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	75	117	92	94	22.21	cps
Gadolinium	160-2	7	10	20	12	56.76	cps
Holmium	165-1	15866459	16286750	16230905	16128038	1.42	cps
Holmium	165-2	3099015	3146774	3149200	3131663	0.90	cps
Indium	115-1	11525974	11766978	11745382	11679445	1.14	cps
Indium	115-2	433914	432629	443123	436555	1.31	cps
Iron	56-2	13086392	12992278	13043540	13040737	0.36	cps
Iron	57-2	322943	323670	323072	323228	0.12	cps
Krypton	83-1	310	287	373	323	13.87	cps
Lead	206-1	3402512	3441905	3477588	3440668	1.09	cps
Lead	207-1	3131976	3121511	3105203	3119563	0.43	cps
Lead	208-1	13988172	13983875	14033592	14001880	0.20	cps
Lithium	6-1	1972427	2044648	2002896	2006657	1.81	cps
Magnesium	24-2	1447381	1420769	1401160	1423103	1.63	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-4	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:07:34	DataFile Name :	062LCSS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	211126	207354	209228	209236	0.90	cps
Molybdenum	94-1	7884959	7767958	7817240	7823386	0.75	cps
Molybdenum	95-1	9669443	9623858	9630686	9641329	0.26	cps
Molybdenum	96-1	10683439	10620105	10716970	10673505	0.46	cps
Molybdenum	97-1	6115929	6076328	6146380	6112879	0.57	cps
Molybdenum	98-1	15577703	15514230	15646696	15579543	0.43	cps
Neodymium	150-1	253	200	160	204	22.90	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	242101	242127	241121	241783	0.24	cps
Phosphorus	31-2	3701	3551	3826	3692	3.73	cps
Potassium	39-2	353354	349613	351322	351430	0.53	cps
Rhodium	103-1	10600355	10735162	10835270	10723596	1.10	cps
Rhodium	103-2	2750995	2720249	2755313	2742186	0.70	cps
Scandium	45-1	6306045	6456073	6495413	6419177	1.56	cps
Scandium	45-2	46162	44781	47008	45984	2.45	cps
Selenium	77-2	273	333	317	308	10.06	cps
Selenium	78-2	930	959	963	951	1.92	cps
Selenium	82-1	58791	59304	59506	59201	0.62	cps
Silicon	28-1	2763100	2836365	2860342	2819936	1.80	cps
Silver	109-1	4766988	4718306	4697114	4727469	0.76	cps
Silver	107-1	5019546	4938998	4999746	4986097	0.84	cps
Sodium	23-2	3235592	3224127	3199948	3219889	0.57	cps
Strontium	86-1	1170714	1173427	1170888	1171676	0.13	cps
Strontium	88-1	10308350	10277636	10255736	10280574	0.26	cps
Sulfur	34-1	639209	640234	636750	638731	0.28	cps
Terbium	159-1	16341651	16636165	16542728	16506848	0.91	cps
Terbium	159-2	2931093	2951888	2954180	2945720	0.43	cps
Thallium	203-1	4296893	4270691	4237755	4268446	0.69	cps
Thallium	205-1	10046279	10030568	9960672	10012506	0.46	cps
Tin	118-1	3140824	3131079	3135060	3135655	0.16	cps
Titanium	47-1	2459095	2493325	2497855	2483425	0.85	cps
Uranium	238-1	13248099	13181876	13359342	13263106	0.68	cps
Vanadium	51-2	282473	279992	278486	280317	0.72	cps
Yttrium	89-1	11922988	12058670	12129561	12037073	0.87	cps
Yttrium	89-2	325510	319954	328131	324532	1.29	cps
Zinc	66-2	123453	122142	122303	122632	0.58	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	6020 SOIL IDOC-4	Instrumnet Name :	P8
Client Sample ID :	6020 SOIL IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:07:34	DataFile Name :	062LCSS_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6604376	6581619	6663827	6616607	0.64	cps
Zirconium	91-1	1487198	1465778	1458896	1470624	1.00	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P8
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 18:25:17 DataFile Name : 064CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	20	13	15	28.90	cps
Antimony	121-1	1317	1183	1200	1233	5.89	cps
Arsenic	75-2	2	4	4	3	34.64	cps
Barium	135-1	83	92	117	97	17.84	cps
Barium	137-1	142	142	158	147	6.54	cps
Beryllium	9-1	183	211	183	193	8.33	cps
Bismuth	209-1	10537000	10342113	10325392	10401502	1.13	cps
Bismuth	209-2	2570364	2632822	2421330	2541506	4.28	cps
Boron	10-1	1225	1367	1183	1258	7.64	cps
Boron	11-1	5793	5593	5793	5726	2.02	cps
Cadmium	111-1	1663	1534	1738	1645	6.25	cps
Cadmium	106-1	2375	2159	2484	2339	7.08	cps
Cadmium	108-1	29	8	25	21	52.93	cps
Calcium	43-1	550	483	417	483	13.79	cps
Calcium	44-1	14033	13199	13123	13451	3.75	cps
Chromium	52-2	293	387	453	378	21.27	cps
Cobalt	59-2	73	90	77	80	11.02	cps
Copper	63-2	383	380	330	364	8.20	cps
Dysprosium	156-1	42	8	0	17	132.30	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	83	67	83	78	12.37	cps
Erbium	164-2	0	3	17	7	132.33	cps
Gadolinium	160-1	100	58	92	83	26.46	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	15847903	15663332	15665915	15725717	0.67	cps
Holmium	165-2	3074377	3150923	2912122	3045807	4.00	cps
Indium	115-1	11641037	11572499	11495326	11569621	0.63	cps
Indium	115-2	438052	445968	417213	433744	3.42	cps
Iron	56-2	1478	1378	1428	1428	3.50	cps
Iron	57-2	44	78	56	59	28.64	cps
Krypton	83-1	323	263	247	278	14.52	cps
Lead	206-1	539	622	550	570	7.93	cps
Lead	207-1	572	550	406	509	17.77	cps
Lead	208-1	2300	2372	2139	2271	5.26	cps
Lithium	6-1	1976926	1943968	1975761	1965552	0.95	cps
Magnesium	24-2	333	333	267	311	12.37	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:25:17	DataFile Name :	064CCBE_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	40	57	44	24.11	cps
Molybdenum	94-1	892	858	667	806	15.07	cps
Molybdenum	95-1	542	583	633	586	7.83	cps
Molybdenum	96-1	792	767	808	789	2.66	cps
Molybdenum	97-1	417	417	350	394	9.76	cps
Molybdenum	98-1	1042	950	967	986	4.95	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	100	120	67	96	28.19	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2300	2217	2300	2273	2.12	cps
Rhodium	103-1	10777946	10746793	10761451	10762063	0.14	cps
Rhodium	103-2	2810689	2860103	2680792	2783862	3.33	cps
Scandium	45-1	6312502	6278871	6251981	6281118	0.48	cps
Scandium	45-2	45507	46985	43816	45436	3.49	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	8	33	31	24	59.41	cps
Silicon	28-1	259226	261524	261552	260767	0.51	cps
Silver	109-1	125	192	158	158	21.05	cps
Silver	107-1	233	225	142	200	25.35	cps
Sodium	23-2	7519	7302	6810	7210	5.04	cps
Strontium	86-1	375	533	425	444	18.21	cps
Strontium	88-1	217	192	233	214	9.81	cps
Sulfur	34-1	369094	368813	369982	369296	0.17	cps
Terbium	159-1	16319071	15976964	15946785	16080940	1.29	cps
Terbium	159-2	2903590	2977524	2802878	2894664	3.03	cps
Thallium	203-1	467	533	592	531	11.79	cps
Thallium	205-1	1250	1442	1225	1306	9.08	cps
Tin	118-1	5913	4968	5810	5564	9.32	cps
Titanium	47-1	167	142	100	136	24.75	cps
Uranium	238-1	25	42	100	56	70.88	cps
Vanadium	51-2	13	7	13	11	34.61	cps
Yttrium	89-1	11791057	11770091	11570399	11710516	1.04	cps
Yttrium	89-2	325315	327461	306776	319851	3.56	cps
Zinc	66-2	100	77	103	93	15.57	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P8
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:25:17	DataFile Name :	064CCBE_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1167	1175	1292	1211	5.77	cps
Zirconium	91-1	242	258	300	267	11.27	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : PBW02 Instrumnet Name : P8
 Client Sample ID : PBW02 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 18:28:38 DataFile Name : 065CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	5	25	15	66.69	cps
Antimony	121-1	842	725	975	847	14.77	cps
Arsenic	75-2	7	6	2	5	57.32	cps
Barium	135-1	83	75	50	69	24.98	cps
Barium	137-1	133	133	92	119	20.14	cps
Beryllium	9-1	178	256	222	219	17.86	cps
Bismuth	209-1	10799967	10157514	10438800	10465427	3.08	cps
Bismuth	209-2	2558487	2520511	2561813	2546937	0.90	cps
Boron	10-1	1250	1158	1133	1181	5.20	cps
Boron	11-1	5351	5268	5243	5287	1.07	cps
Cadmium	111-1	1590	1570	1779	1646	7.02	cps
Cadmium	106-1	2259	2242	2500	2334	6.20	cps
Cadmium	108-1	29	17	0	15	95.78	cps
Calcium	43-1	525	600	592	572	7.18	cps
Calcium	44-1	13182	13048	12723	12984	1.82	cps
Chromium	52-2	390	373	417	393	5.56	cps
Cobalt	59-2	67	90	143	100	39.30	cps
Copper	63-2	390	327	363	360	8.83	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	100	17	8	42	121.66	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	92	92	117	100	14.43	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	16114135	15441582	15823599	15793105	2.14	cps
Holmium	165-2	3038218	3026471	3044216	3036302	0.30	cps
Indium	115-1	11932070	11468057	11535269	11645132	2.15	cps
Indium	115-2	440332	437329	435858	437840	0.52	cps
Iron	56-2	1300	1311	1467	1359	6.86	cps
Iron	57-2	50	56	44	50	11.11	cps
Krypton	83-1	307	337	313	319	4.94	cps
Lead	206-1	478	533	556	522	7.67	cps
Lead	207-1	422	428	444	432	2.68	cps
Lead	208-1	2011	2045	2017	2024	0.88	cps
Lithium	6-1	2027557	1980525	1980545	1996209	1.36	cps
Magnesium	24-2	283	275	267	275	3.03	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : PBW02 Instrumnet Name : P8
 Client Sample ID : PBW02 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 18:28:38 DataFile Name : 065CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	20	57	47	50.00	cps
Molybdenum	94-1	825	700	725	750	8.82	cps
Molybdenum	95-1	292	425	433	383	20.74	cps
Molybdenum	96-1	533	550	608	564	6.98	cps
Molybdenum	97-1	300	308	308	306	1.57	cps
Molybdenum	98-1	642	758	592	664	12.88	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	100	100	89	21.65	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	2334	2142	2109	2195	5.53	cps
Rhodium	103-1	10964172	10627143	10858637	10816650	1.59	cps
Rhodium	103-2	2768256	2810863	2798504	2792541	0.78	cps
Scandium	45-1	6524295	6124517	6262378	6303730	3.22	cps
Scandium	45-2	45958	44841	45437	45412	1.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	49	-5	-21	8	463.85	cps
Silicon	28-1	263984	267162	264570	265239	0.64	cps
Silver	109-1	117	100	117	111	8.66	cps
Silver	107-1	183	133	242	186	29.13	cps
Sodium	23-2	7352	7219	7461	7344	1.65	cps
Strontium	86-1	533	550	375	486	19.87	cps
Strontium	88-1	267	342	292	300	12.73	cps
Sulfur	34-1	371253	367978	369774	369668	0.44	cps
Terbium	159-1	16310077	15760431	15974663	16015057	1.73	cps
Terbium	159-2	2900918	2864202	2910041	2891720	0.84	cps
Thallium	203-1	633	508	458	533	16.90	cps
Thallium	205-1	1200	1375	1100	1225	11.36	cps
Tin	118-1	5527	5035	5643	5401	5.98	cps
Titanium	47-1	108	108	150	122	19.68	cps
Uranium	238-1	25	92	67	61	55.11	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Yttrium	89-1	12028851	11640821	11680984	11783552	1.81	cps
Yttrium	89-2	321871	319970	322328	321389	0.39	cps
Zinc	66-2	137	100	73	103	30.77	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	PBW02	Instrumnet Name :	P8
Client Sample ID :	PBW02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:28:38	DataFile Name :	065CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1133	1025	1225	1128	8.88	cps
Zirconium	91-1	250	333	200	261	25.80	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSW02	Instrumnet Name :	P8
Client Sample ID :	LCSW02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:31:59	DataFile Name :	066LCS6_P8072818- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52150	51511	51977	51879	0.64	cps
Antimony	121-1	4464361	4510842	4464339	4479848	0.60	cps
Arsenic	75-2	40234	40062	40039	40112	0.27	cps
Barium	135-1	4794812	4802672	4846722	4814735	0.58	cps
Barium	137-1	8262786	8246327	8318592	8275902	0.46	cps
Beryllium	9-1	525750	520797	522371	522972	0.48	cps
Bismuth	209-1	10141940	10296762	10333622	10257441	0.99	cps
Bismuth	209-2	2484953	2471337	2449306	2468532	0.73	cps
Boron	10-1	57390	60093	60244	59243	2.71	cps
Boron	11-1	273043	281741	291075	281953	3.20	cps
Cadmium	111-1	922195	926901	926786	925294	0.29	cps
Cadmium	106-1	98250	99751	98744	98915	0.77	cps
Cadmium	108-1	66844	66710	66023	66526	0.66	cps
Calcium	43-1	898795	900797	909631	903075	0.64	cps
Calcium	44-1	15083036	14946569	15021797	15017134	0.46	cps
Chromium	52-2	347222	345478	345983	346228	0.26	cps
Cobalt	59-2	762879	758936	765457	762424	0.43	cps
Copper	63-2	1315407	1305256	1310056	1310240	0.39	cps
Dysprosium	156-1	117	133	108	119	10.66	cps
Dysprosium	156-2	27	17	3	16	75.27	cps
Erbium	164-1	50	125	150	108	48.04	cps
Erbium	164-2	10	23	23	19	40.75	cps
Gadolinium	160-1	175	133	100	136	27.61	cps
Gadolinium	160-2	27	17	27	23	24.74	cps
Holmium	165-1	15708485	15657818	15910952	15759085	0.85	cps
Holmium	165-2	3075907	3060351	3057040	3064433	0.33	cps
Indium	115-1	11348971	11473693	11427131	11416599	0.55	cps
Indium	115-2	425432	426828	419984	424081	0.85	cps
Iron	56-2	12011587	11836935	11857831	11902118	0.80	cps
Iron	57-2	293100	292680	293799	293193	0.19	cps
Krypton	83-1	343	270	297	303	12.24	cps
Lead	206-1	3214274	3211508	3218918	3214900	0.12	cps
Lead	207-1	2962075	2925860	2948001	2945312	0.62	cps
Lead	208-1	13158081	13077843	13160078	13132001	0.36	cps
Lithium	6-1	1933792	1956328	2004842	1964987	1.85	cps
Magnesium	24-2	1321956	1324654	1330866	1325825	0.34	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSW02	Instrumnet Name :	P8
Client Sample ID :	LCSW02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:31:59	DataFile Name :	066LCS6_P8072818- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	194821	192237	191628	192896	0.88	cps
Molybdenum	94-1	7338269	7379069	7338686	7352008	0.32	cps
Molybdenum	95-1	9060992	9038195	9077967	9059052	0.22	cps
Molybdenum	96-1	9955975	9943049	10055433	9984819	0.62	cps
Molybdenum	97-1	5706446	5731925	5778715	5739029	0.64	cps
Molybdenum	98-1	14435107	14510569	14583633	14509770	0.51	cps
Neodymium	150-1	287	233	340	287	18.60	cps
Neodymium	150-2	10	27	20	19	44.42	cps
Nickel	60-2	223815	222156	222512	222828	0.39	cps
Phosphorus	31-2	3451	3076	3200	3242	5.89	cps
Potassium	39-2	321426	316994	316853	318424	0.82	cps
Rhodium	103-1	10376062	10452249	10570424	10466245	0.94	cps
Rhodium	103-2	2709330	2724243	2669342	2700972	1.05	cps
Scandium	45-1	6106495	6205308	6236372	6182725	1.10	cps
Scandium	45-2	44604	44550	44233	44462	0.45	cps
Selenium	77-2	230	287	290	269	12.54	cps
Selenium	78-2	963	770	878	870	11.09	cps
Selenium	82-1	54299	54784	54681	54588	0.47	cps
Silicon	28-1	1957976	1976341	1968672	1967663	0.47	cps
Silver	109-1	4441944	4416739	4432257	4430313	0.29	cps
Silver	107-1	4692095	4672071	4721773	4695313	0.53	cps
Sodium	23-2	2956404	2941311	2985065	2960926	0.75	cps
Strontium	86-1	1115430	1129816	1110599	1118615	0.89	cps
Strontium	88-1	9850510	9805788	9911783	9856027	0.54	cps
Sulfur	34-1	624388	617887	615120	619132	0.77	cps
Terbium	159-1	15961819	15956841	16123624	16014095	0.59	cps
Terbium	159-2	2908800	2853972	2882571	2881781	0.95	cps
Thallium	203-1	3991005	3959851	3999617	3983491	0.53	cps
Thallium	205-1	9371498	9213506	9321396	9302133	0.87	cps
Tin	118-1	3114929	3107000	3068825	3096918	0.80	cps
Titanium	47-1	2284890	2277175	2305893	2289319	0.65	cps
Uranium	238-1	12514463	12629806	12683264	12609178	0.68	cps
Vanadium	51-2	261092	254876	257899	257956	1.20	cps
Yttrium	89-1	11559246	11702180	11701770	11654399	0.71	cps
Yttrium	89-2	317347	316980	314557	316295	0.48	cps
Zinc	66-2	117855	115485	116396	116579	1.03	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LCSW02	Instrumnet Name :	P8
Client Sample ID :	LCSW02	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:31:59	DataFile Name :	066LCS6_P8072818- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6181131	6216959	6227501	6208530	0.39	cps
Zirconium	91-1	1345735	1353845	1349424	1349668	0.30	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-1	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:35:12	DataFile Name :	067SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54716	54291	53988	54332	0.67	cps
Antimony	121-1	4653812	4694260	4726897	4691656	0.78	cps
Arsenic	75-2	41690	41943	41742	41792	0.32	cps
Barium	135-1	5079182	5064448	5096416	5080015	0.31	cps
Barium	137-1	8721128	8664390	8736795	8707438	0.44	cps
Beryllium	9-1	545741	547180	542071	544997	0.48	cps
Bismuth	209-1	10480260	10684667	10499123	10554683	1.07	cps
Bismuth	209-2	2448473	2501170	2445574	2465072	1.27	cps
Boron	10-1	60361	61441	62094	61299	1.43	cps
Boron	11-1	285352	293529	294747	291209	1.75	cps
Cadmium	111-1	968675	973630	973262	971856	0.28	cps
Cadmium	106-1	104956	104209	103495	104220	0.70	cps
Cadmium	108-1	68083	70039	69570	69231	1.48	cps
Calcium	43-1	948616	950297	962743	953885	0.81	cps
Calcium	44-1	15776246	15859830	15767848	15801308	0.32	cps
Chromium	52-2	361662	364611	363659	363311	0.41	cps
Cobalt	59-2	792093	798018	792616	794242	0.41	cps
Copper	63-2	1373024	1370459	1373250	1372245	0.11	cps
Dysprosium	156-1	92	42	67	67	37.50	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	83	83	83	83	0.00	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	83	67	83	78	12.37	cps
Gadolinium	160-2	10	20	20	17	34.64	cps
Holmium	165-1	15947180	16326288	16026245	16099904	1.24	cps
Holmium	165-2	3023126	3073753	3039839	3045573	0.85	cps
Indium	115-1	11562020	11722102	11640664	11641596	0.69	cps
Indium	115-2	422583	421874	425223	423227	0.42	cps
Iron	56-2	12445866	12608622	12471497	12508662	0.70	cps
Iron	57-2	312038	309653	310076	310589	0.41	cps
Krypton	83-1	340	347	293	327	8.90	cps
Lead	206-1	3354239	3371205	3348731	3358058	0.35	cps
Lead	207-1	3080406	3105262	3124886	3103518	0.72	cps
Lead	208-1	13882064	13789609	13801805	13824493	0.36	cps
Lithium	6-1	1998860	2025069	1991668	2005199	0.88	cps
Magnesium	24-2	1391966	1392575	1383862	1389467	0.35	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-1	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:35:12	DataFile Name :	067SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	200844	201879	199983	200902	0.47	cps
Molybdenum	94-1	7642515	7588907	7599298	7610240	0.37	cps
Molybdenum	95-1	9357158	9427661	9386220	9390346	0.38	cps
Molybdenum	96-1	10563265	10482422	10542941	10529543	0.40	cps
Molybdenum	97-1	6023072	5967153	6024760	6004995	0.55	cps
Molybdenum	98-1	15097770	15293457	15043090	15144772	0.87	cps
Neodymium	150-1	173	253	173	200	23.09	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	233361	234918	231911	233396	0.64	cps
Phosphorus	31-2	3601	3492	3709	3601	3.01	cps
Potassium	39-2	331521	340895	334658	335691	1.42	cps
Rhodium	103-1	10581258	10858786	10671115	10703720	1.32	cps
Rhodium	103-2	2715120	2681355	2703378	2699951	0.63	cps
Scandium	45-1	6225202	6539724	6326900	6363942	2.52	cps
Scandium	45-2	44778	45233	43701	44571	1.76	cps
Selenium	77-2	257	257	270	261	2.95	cps
Selenium	78-2	930	987	939	952	3.24	cps
Selenium	82-1	57457	57882	57396	57578	0.46	cps
Silicon	28-1	2493426	2533154	2571390	2532657	1.54	cps
Silver	109-1	4637954	4695999	4671597	4668517	0.62	cps
Silver	107-1	4900039	4886599	4943471	4910036	0.61	cps
Sodium	23-2	3110412	3115740	3051016	3092390	1.16	cps
Strontium	86-1	1142742	1157018	1152616	1150792	0.64	cps
Strontium	88-1	9989750	10040047	10098306	10042701	0.54	cps
Sulfur	34-1	622734	624961	620387	622694	0.37	cps
Terbium	159-1	16204659	16650226	16347757	16400881	1.39	cps
Terbium	159-2	2905613	2888664	2889760	2894679	0.33	cps
Thallium	203-1	4177595	4146888	4200746	4175076	0.65	cps
Thallium	205-1	9796731	9805954	9838796	9813827	0.23	cps
Tin	118-1	3081366	3047846	3122118	3083776	1.21	cps
Titanium	47-1	2425403	2392944	2402907	2407085	0.69	cps
Uranium	238-1	13052790	12989667	13066158	13036205	0.31	cps
Vanadium	51-2	269339	271290	269307	269979	0.42	cps
Yttrium	89-1	11849795	12124000	11735490	11903095	1.68	cps
Yttrium	89-2	316150	318375	318979	317835	0.47	cps
Zinc	66-2	118239	117532	118504	118092	0.43	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-1	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:35:12	DataFile Name :	067SMPL_P8072818- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6450970	6408880	6367368	6409073	0.65	cps
Zirconium	91-1	1415893	1420524	1388708	1408375	1.22	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-2	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:38:24	DataFile Name :	068LCS6_P8072818- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51792	52971	51510	52091	1.49	cps
Antimony	121-1	4527671	4502868	4506025	4512188	0.30	cps
Arsenic	75-2	40699	41007	40225	40644	0.97	cps
Barium	135-1	4837491	4806575	4819764	4821277	0.32	cps
Barium	137-1	8263469	8275569	8246425	8261821	0.18	cps
Beryllium	9-1	519529	519771	522707	520669	0.34	cps
Bismuth	209-1	10238568	10230325	10349918	10272937	0.65	cps
Bismuth	209-2	2505972	2485497	2500798	2497422	0.43	cps
Boron	10-1	59383	61591	62227	61067	2.44	cps
Boron	11-1	284271	291753	298208	291410	2.39	cps
Cadmium	111-1	930129	928616	934604	931116	0.33	cps
Cadmium	106-1	100851	100699	101883	101144	0.64	cps
Cadmium	108-1	67167	67564	67393	67375	0.30	cps
Calcium	43-1	900085	902895	906556	903179	0.36	cps
Calcium	44-1	15025715	14898890	14991677	14972094	0.44	cps
Chromium	52-2	350691	352509	349047	350749	0.49	cps
Cobalt	59-2	766622	768221	767867	767570	0.11	cps
Copper	63-2	1329975	1323670	1330116	1327920	0.28	cps
Dysprosium	156-1	175	150	100	142	26.96	cps
Dysprosium	156-2	23	33	37	31	22.31	cps
Erbium	164-1	117	125	67	103	30.70	cps
Erbium	164-2	13	23	3	13	75.02	cps
Gadolinium	160-1	150	142	158	150	5.56	cps
Gadolinium	160-2	27	40	23	30	29.40	cps
Holmium	165-1	15666161	15836215	15996460	15832945	1.04	cps
Holmium	165-2	3071077	3070238	3071531	3070949	0.02	cps
Indium	115-1	11440868	11481031	11427001	11449633	0.25	cps
Indium	115-2	426987	424501	429024	426837	0.53	cps
Iron	56-2	12067953	12038377	11994826	12033719	0.31	cps
Iron	57-2	297529	298811	300605	298982	0.52	cps
Krypton	83-1	317	300	333	317	5.26	cps
Lead	206-1	3191205	3226222	3248264	3221897	0.89	cps
Lead	207-1	2925684	2941440	2959617	2942247	0.58	cps
Lead	208-1	13089853	13120655	13259304	13156604	0.69	cps
Lithium	6-1	1935042	1938847	1967696	1947195	0.92	cps
Magnesium	24-2	1326452	1329078	1331959	1329163	0.21	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-2	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:38:24	DataFile Name :	068LCS6_P8072818- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	194051	196933	193614	194866	0.93	cps
Molybdenum	94-1	7389689	7401035	7436476	7409067	0.33	cps
Molybdenum	95-1	9018887	9119399	9077374	9071887	0.56	cps
Molybdenum	96-1	10026264	10114273	10094673	10078403	0.46	cps
Molybdenum	97-1	5706131	5732637	5797056	5745275	0.81	cps
Molybdenum	98-1	14365924	14641256	14602676	14536619	1.03	cps
Neodymium	150-1	293	327	353	324	9.27	cps
Neodymium	150-2	20	20	20	20	0.00	cps
Nickel	60-2	224488	226596	225193	225426	0.48	cps
Phosphorus	31-2	3209	3576	3201	3328	6.44	cps
Potassium	39-2	323397	320829	324717	322981	0.61	cps
Rhodium	103-1	10412058	10432759	10398410	10414409	0.17	cps
Rhodium	103-2	2730000	2708064	2702360	2713475	0.54	cps
Scandium	45-1	6164552	6228705	6185596	6192951	0.53	cps
Scandium	45-2	44851	44912	45330	45031	0.58	cps
Selenium	77-2	257	317	307	293	10.96	cps
Selenium	78-2	993	841	937	923	8.32	cps
Selenium	82-1	55046	54876	55423	55115	0.51	cps
Silicon	28-1	1954476	1982539	2005687	1980901	1.29	cps
Silver	109-1	4465321	4481128	4452479	4466309	0.32	cps
Silver	107-1	4688410	4731954	4703299	4707887	0.47	cps
Sodium	23-2	2976497	3021943	3012042	3003494	0.80	cps
Strontium	86-1	1131795	1127758	1135284	1131613	0.33	cps
Strontium	88-1	9887249	9894853	9978641	9920248	0.51	cps
Sulfur	34-1	605302	605467	608792	606520	0.32	cps
Terbium	159-1	16072724	15982672	16036725	16030707	0.28	cps
Terbium	159-2	2910723	2898324	2967630	2925559	1.26	cps
Thallium	203-1	3996296	3970400	3998420	3988372	0.39	cps
Thallium	205-1	9273312	9355469	9352830	9327204	0.50	cps
Tin	118-1	3123423	3090099	3077548	3097023	0.77	cps
Titanium	47-1	2279848	2319216	2310884	2303316	0.90	cps
Uranium	238-1	12643128	12605638	12762548	12670438	0.65	cps
Vanadium	51-2	260122	262072	259873	260689	0.46	cps
Yttrium	89-1	11705951	11623486	11727578	11685672	0.47	cps
Yttrium	89-2	318635	318935	321716	319762	0.53	cps
Zinc	66-2	117842	119106	118336	118428	0.54	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-2	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:38:24	DataFile Name :	068LCS6_P8072818- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6302143	6200643	6303338	6268708	0.94	cps
Zirconium	91-1	1354681	1351257	1363132	1356357	0.45	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-3	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:41:38	DataFile Name :	069LCS6_P8072818- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52833	52645	53170	52882	0.50	cps
Antimony	121-1	4523037	4499157	4521312	4514502	0.29	cps
Arsenic	75-2	40429	40777	41150	40785	0.88	cps
Barium	135-1	4862530	4822450	4889291	4858090	0.69	cps
Barium	137-1	8356497	8348788	8301873	8335719	0.35	cps
Beryllium	9-1	523698	520762	523236	522566	0.30	cps
Bismuth	209-1	10413895	10304224	10526511	10414876	1.07	cps
Bismuth	209-2	2482130	2333624	2560461	2458738	4.69	cps
Boron	10-1	61248	61291	62345	61628	1.01	cps
Boron	11-1	285231	293903	298745	292627	2.34	cps
Cadmium	111-1	938175	937765	934640	936860	0.21	cps
Cadmium	106-1	101859	102018	99506	101128	1.39	cps
Cadmium	108-1	67196	66325	65688	66403	1.14	cps
Calcium	43-1	922109	923186	904679	916658	1.13	cps
Calcium	44-1	15174789	15150911	15043809	15123170	0.46	cps
Chromium	52-2	353544	352936	354845	353775	0.28	cps
Cobalt	59-2	777185	774371	778133	776563	0.25	cps
Copper	63-2	1330640	1336388	1335551	1334193	0.23	cps
Dysprosium	156-1	217	108	158	161	33.65	cps
Dysprosium	156-2	3	23	23	17	69.30	cps
Erbium	164-1	100	117	133	117	14.28	cps
Erbium	164-2	13	7	20	13	49.99	cps
Gadolinium	160-1	158	183	183	175	8.25	cps
Gadolinium	160-2	33	23	40	32	26.04	cps
Holmium	165-1	15916801	16011593	15958633	15962342	0.30	cps
Holmium	165-2	3058605	2903482	3141354	3034480	3.98	cps
Indium	115-1	11590695	11620453	11632626	11614591	0.19	cps
Indium	115-2	427695	402573	439238	423169	4.43	cps
Iron	56-2	12047576	12094054	12084754	12075462	0.20	cps
Iron	57-2	298199	299478	298036	298571	0.26	cps
Krypton	83-1	327	307	350	328	6.62	cps
Lead	206-1	3221181	3216491	3277553	3238408	1.05	cps
Lead	207-1	2987072	2958347	2960205	2968542	0.54	cps
Lead	208-1	13221752	13223128	13258056	13234312	0.16	cps
Lithium	6-1	1943035	1966564	1951525	1953708	0.61	cps
Magnesium	24-2	1374377	1344215	1345787	1354793	1.25	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-3	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:41:38	DataFile Name :	069LCS6_P8072818- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	196082	195000	196264	195782	0.35	cps
Molybdenum	94-1	7404854	7483242	7451352	7446482	0.53	cps
Molybdenum	95-1	9126147	9191683	9114582	9144137	0.45	cps
Molybdenum	96-1	10197910	10187839	10204896	10196882	0.08	cps
Molybdenum	97-1	5813690	5839230	5806868	5819929	0.29	cps
Molybdenum	98-1	14800222	14772690	14690033	14754315	0.39	cps
Neodymium	150-1	413	333	400	382	11.21	cps
Neodymium	150-2	20	27	17	21	24.12	cps
Nickel	60-2	225918	226582	225708	226069	0.20	cps
Phosphorus	31-2	3476	3534	3317	3442	3.26	cps
Potassium	39-2	323656	327789	325169	325538	0.64	cps
Rhodium	103-1	10560663	10689501	10678168	10642777	0.67	cps
Rhodium	103-2	2719925	2566284	2744274	2676828	3.61	cps
Scandium	45-1	6249422	6273471	6295820	6272904	0.37	cps
Scandium	45-2	45019	41124	45664	43936	5.59	cps
Selenium	77-2	377	293	330	333	12.53	cps
Selenium	78-2	900	882	867	883	1.89	cps
Selenium	82-1	55892	55616	56060	55856	0.40	cps
Silicon	28-1	1972639	1996463	1966524	1978542	0.80	cps
Silver	109-1	4493279	4489322	4472455	4485019	0.25	cps
Silver	107-1	4737718	4747865	4719604	4735063	0.30	cps
Sodium	23-2	3049880	3002887	2999144	3017304	0.94	cps
Strontium	86-1	1151315	1137546	1141680	1143514	0.62	cps
Strontium	88-1	9987352	9933622	9989135	9970036	0.32	cps
Sulfur	34-1	608307	607227	603055	606196	0.46	cps
Terbium	159-1	16135129	16285130	16304413	16241558	0.57	cps
Terbium	159-2	2869904	2722291	2972247	2854814	4.40	cps
Thallium	203-1	3993774	4048312	3980972	4007686	0.89	cps
Thallium	205-1	9408059	9482532	9330641	9407077	0.81	cps
Tin	118-1	3138312	3145175	3114113	3132533	0.52	cps
Titanium	47-1	2322080	2316221	2328164	2322155	0.26	cps
Uranium	238-1	12786636	12751986	12748011	12762211	0.17	cps
Vanadium	51-2	261262	260906	260629	260932	0.12	cps
Yttrium	89-1	11880305	11915256	11879414	11891658	0.17	cps
Yttrium	89-2	321195	302419	326112	316575	3.95	cps
Zinc	66-2	118947	117966	118504	118473	0.41	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-3	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:41:38	DataFile Name :	069LCS6_P8072818- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6333999	6324114	6288654	6315589	0.38	cps
Zirconium	91-1	1367045	1374293	1393064	1378134	0.97	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-4	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:44:50	DataFile Name :	070LCS6_P8072818- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54153	54585	53752	54163	0.77	cps
Antimony	121-1	4624582	4685439	4683725	4664582	0.74	cps
Arsenic	75-2	42027	42562	41921	42170	0.81	cps
Barium	135-1	5020946	5024772	5022525	5022748	0.04	cps
Barium	137-1	8617919	8665344	8597210	8626824	0.40	cps
Beryllium	9-1	533838	534355	535043	534412	0.11	cps
Bismuth	209-1	10351195	10478605	10562129	10463977	1.02	cps
Bismuth	209-2	2514086	2535515	2479537	2509713	1.13	cps
Boron	10-1	61013	61198	64194	62135	2.87	cps
Boron	11-1	287403	295162	300975	294513	2.31	cps
Cadmium	111-1	964954	959169	964290	962804	0.33	cps
Cadmium	106-1	103655	101522	104033	103070	1.31	cps
Cadmium	108-1	68812	67853	68402	68356	0.70	cps
Calcium	43-1	948286	939911	950853	946350	0.60	cps
Calcium	44-1	15747458	15769303	15678313	15731691	0.30	cps
Chromium	52-2	361507	364804	364862	363725	0.53	cps
Cobalt	59-2	797136	802936	799210	799761	0.37	cps
Copper	63-2	1373879	1384727	1385229	1381278	0.46	cps
Dysprosium	156-1	150	75	117	114	33.00	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	83	67	92	81	15.80	cps
Erbium	164-2	7	17	20	14	48.02	cps
Gadolinium	160-1	142	133	158	144	8.81	cps
Gadolinium	160-2	13	7	30	17	72.11	cps
Holmium	165-1	15851661	16312285	16052999	16072315	1.44	cps
Holmium	165-2	3099061	3102621	3064569	3088750	0.68	cps
Indium	115-1	11472077	11669711	11685388	11609058	1.02	cps
Indium	115-2	430438	433047	430392	431293	0.35	cps
Iron	56-2	12483633	12461069	12521930	12488877	0.25	cps
Iron	57-2	307341	310518	311879	309912	0.75	cps
Krypton	83-1	280	297	283	287	3.08	cps
Lead	206-1	3350598	3332920	3357553	3347024	0.38	cps
Lead	207-1	3064791	3025179	3045697	3045222	0.65	cps
Lead	208-1	13707979	13614770	13608872	13643874	0.41	cps
Lithium	6-1	1939396	1977641	1982411	1966483	1.20	cps
Magnesium	24-2	1357086	1373758	1394219	1375021	1.35	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-4	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:44:50	DataFile Name :	070LCS6_P8072818- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	201428	201717	202224	201789	0.20	cps
Molybdenum	94-1	7671859	7579679	7563510	7605016	0.77	cps
Molybdenum	95-1	9366067	9469868	9241813	9359249	1.22	cps
Molybdenum	96-1	10353364	10415129	10361254	10376582	0.32	cps
Molybdenum	97-1	5970864	5940017	5918452	5943111	0.44	cps
Molybdenum	98-1	15047052	14991523	15037147	15025241	0.20	cps
Neodymium	150-1	273	240	287	267	9.01	cps
Neodymium	150-2	17	0	0	6	173.21	cps
Nickel	60-2	232182	234822	232597	233200	0.61	cps
Phosphorus	31-2	3467	3576	3776	3606	4.34	cps
Potassium	39-2	339829	338872	338576	339092	0.19	cps
Rhodium	103-1	10530933	10636096	10657010	10608013	0.64	cps
Rhodium	103-2	2769728	2697263	2721169	2729387	1.35	cps
Scandium	45-1	6266027	6377419	6325526	6322991	0.88	cps
Scandium	45-2	46487	45156	45022	45555	1.78	cps
Selenium	77-2	290	293	273	286	3.75	cps
Selenium	78-2	978	1022	1022	1007	2.55	cps
Selenium	82-1	57345	57251	57305	57300	0.08	cps
Silicon	28-1	2293350	2304338	2322968	2306885	0.65	cps
Silver	109-1	4575438	4603842	4584010	4587763	0.32	cps
Silver	107-1	4814187	4893960	4868260	4858802	0.84	cps
Sodium	23-2	3103788	3097134	3112768	3104563	0.25	cps
Strontium	86-1	1158211	1155925	1159510	1157882	0.16	cps
Strontium	88-1	10248194	10136901	10128405	10171167	0.66	cps
Sulfur	34-1	617948	612711	610582	613747	0.62	cps
Terbium	159-1	16101642	16403071	16382992	16295902	1.03	cps
Terbium	159-2	2958865	2912847	2932457	2934723	0.79	cps
Thallium	203-1	4101091	4194293	4092936	4129440	1.36	cps
Thallium	205-1	9727245	9749727	9543780	9673584	1.17	cps
Tin	118-1	3131482	3127153	3113624	3124086	0.30	cps
Titanium	47-1	2399297	2384881	2383388	2389189	0.37	cps
Uranium	238-1	13028997	13007998	13067714	13034903	0.23	cps
Vanadium	51-2	267817	270571	270623	269670	0.60	cps
Yttrium	89-1	11869091	12050767	11937623	11952494	0.77	cps
Yttrium	89-2	324805	322744	320824	322791	0.62	cps
Zinc	66-2	119785	121735	121894	121138	0.97	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	200.8 IDOC-4	Instrumnet Name :	P8
Client Sample ID :	200.8 IDOC-4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:44:50	DataFile Name :	070LCS6_P8072818- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6360718	6410404	6381186	6384102	0.39	cps
Zirconium	91-1	1408285	1399449	1386112	1397949	0.80	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:48:02	DataFile Name :	071CCV_P8072818- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277161	282300	284268	281243	1.30	cps
Antimony	121-1	4484835	4454455	4534083	4491124	0.89	cps
Arsenic	75-2	41536	41521	41586	41548	0.08	cps
Barium	135-1	4860239	4877243	4934733	4890738	0.80	cps
Barium	137-1	8301699	8296311	8360964	8319658	0.43	cps
Beryllium	9-1	528359	526457	531517	528778	0.48	cps
Bismuth	209-1	10094625	10080872	9993528	10056342	0.55	cps
Bismuth	209-2	2474783	2447469	2456870	2459708	0.56	cps
Boron	10-1	65416	66613	67869	66633	1.84	cps
Boron	11-1	302993	311967	319977	311645	2.73	cps
Cadmium	111-1	906291	903882	913283	907818	0.54	cps
Cadmium	106-1	97090	97056	100549	98232	2.04	cps
Cadmium	108-1	64135	64495	65739	64790	1.30	cps
Calcium	43-1	4648918	4688241	4697758	4678306	0.55	cps
Calcium	44-1	75822393	76334860	76365750	76174334	0.40	cps
Chromium	52-2	366508	368091	369885	368161	0.46	cps
Cobalt	59-2	778101	778990	780068	779053	0.13	cps
Copper	63-2	1305991	1303583	1303531	1304369	0.11	cps
Dysprosium	156-1	117	142	200	153	27.99	cps
Dysprosium	156-2	23	17	13	18	28.64	cps
Erbium	164-1	58	58	58	58	0.00	cps
Erbium	164-2	20	20	23	21	9.11	cps
Gadolinium	160-1	192	292	75	186	58.27	cps
Gadolinium	160-2	23	30	33	29	17.63	cps
Holmium	165-1	16042675	16087695	16035931	16055434	0.18	cps
Holmium	165-2	3175778	3116420	3145186	3145795	0.94	cps
Indium	115-1	11555021	11400331	11484334	11479895	0.67	cps
Indium	115-2	435160	435021	439901	436694	0.64	cps
Iron	56-2	61059024	61301689	61485901	61282205	0.35	cps
Iron	57-2	1547741	1559295	1581687	1562908	1.10	cps
Krypton	83-1	343	350	287	327	10.65	cps
Lead	206-1	3223854	3174624	3189524	3196001	0.79	cps
Lead	207-1	2887001	2862286	2866001	2871763	0.46	cps
Lead	208-1	12969737	12866827	12935875	12924146	0.41	cps
Lithium	6-1	1941414	1954522	1940779	1945572	0.40	cps
Magnesium	24-2	6645350	6758263	6809402	6737672	1.25	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:48:02	DataFile Name :	071CCV_P8072818- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	198768	198860	200695	199441	0.54	cps
Molybdenum	94-1	7517270	7479871	7499869	7499003	0.25	cps
Molybdenum	95-1	9183246	9173672	9201116	9186011	0.15	cps
Molybdenum	96-1	10226586	10124756	10264430	10205258	0.71	cps
Molybdenum	97-1	5867952	5792329	5855945	5838742	0.70	cps
Molybdenum	98-1	14707883	14702475	14871347	14760568	0.65	cps
Neodymium	150-1	280	280	387	316	19.52	cps
Neodymium	150-2	27	17	27	23	24.74	cps
Nickel	60-2	226301	225857	230159	227439	1.04	cps
Phosphorus	31-2	2975	3467	3634	3359	10.19	cps
Potassium	39-2	1726637	1744201	1777851	1749563	1.49	cps
Rhodium	103-1	10299821	10356805	10343274	10333300	0.29	cps
Rhodium	103-2	2683768	2663726	2722490	2689994	1.11	cps
Scandium	45-1	6387953	6522140	6463122	6457738	1.04	cps
Scandium	45-2	47226	47657	47440	47441	0.45	cps
Selenium	77-2	287	260	337	294	13.22	cps
Selenium	78-2	939	946	943	943	0.39	cps
Selenium	82-1	54511	54660	55480	54884	0.95	cps
Silicon	28-1	2061905	2063383	2082815	2069368	0.56	cps
Silver	109-1	4324894	4303401	4300748	4309681	0.31	cps
Silver	107-1	4555823	4526797	4603086	4561902	0.84	cps
Sodium	23-2	15082847	15233478	15302045	15206123	0.74	cps
Strontium	86-1	1144621	1149005	1165777	1153135	0.97	cps
Strontium	88-1	10073527	9994228	10124265	10064007	0.65	cps
Sulfur	34-1	619682	617766	623882	620443	0.50	cps
Terbium	159-1	16247384	16298140	16325244	16290256	0.24	cps
Terbium	159-2	2981158	2973723	2989822	2981568	0.27	cps
Thallium	203-1	3910628	3907354	3900056	3906013	0.14	cps
Thallium	205-1	9093073	9236985	9235518	9188525	0.90	cps
Tin	118-1	3090599	3106587	3126566	3107917	0.58	cps
Titanium	47-1	2330950	2358219	2365353	2351507	0.77	cps
Uranium	238-1	12738653	12738028	12855415	12777365	0.53	cps
Vanadium	51-2	269165	270490	271774	270476	0.48	cps
Yttrium	89-1	11973994	12058640	11885016	11972550	0.73	cps
Yttrium	89-2	330313	331140	334706	332053	0.70	cps
Zinc	66-2	115748	116037	116824	116203	0.48	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 18:48:02	DataFile Name :	071CCV_P8072818- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6322730	6337245	6361465	6340480	0.31	cps
Zirconium	91-1	1378608	1409194	1387893	1391898	1.13	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 19:05:39	DataFile Name :	073LLCC_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	128	110	128	122	8.30	cps
Antimony	121-1	18305	18539	18789	18544	1.31	cps
Arsenic	75-2	102	89	61	84	24.79	cps
Barium	135-1	18222	17946	18004	18057	0.80	cps
Barium	137-1	32115	32132	32098	32115	0.05	cps
Beryllium	9-1	1239	1372	1467	1359	8.42	cps
Bismuth	209-1	10356091	10761901	10507744	10541912	1.95	cps
Bismuth	209-2	2567436	2582977	2587692	2579368	0.41	cps
Boron	10-1	4359	4509	4076	4315	5.10	cps
Boron	11-1	19814	21208	21450	20824	4.24	cps
Cadmium	111-1	3360	3415	3470	3415	1.62	cps
Cadmium	106-1	2417	2534	2617	2523	3.98	cps
Cadmium	108-1	129	167	183	160	17.37	cps
Calcium	43-1	9529	9604	9003	9379	3.49	cps
Calcium	44-1	155241	157787	156598	156542	0.81	cps
Chromium	52-2	1947	1787	1857	1863	4.30	cps
Cobalt	59-2	1733	1630	1723	1696	3.36	cps
Copper	63-2	3114	3080	3280	3158	3.39	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	67	92	67	37.50	cps
Erbium	164-2	23	10	17	17	39.99	cps
Gadolinium	160-1	92	33	33	53	63.82	cps
Gadolinium	160-2	20	13	13	16	24.76	cps
Holmium	165-1	15681921	15830265	15841450	15784545	0.56	cps
Holmium	165-2	3096045	3101034	3136365	3111148	0.71	cps
Indium	115-1	11710739	11849030	11872298	11810689	0.74	cps
Indium	115-2	449717	449505	450227	449816	0.08	cps
Iron	56-2	25585	26793	25763	26047	2.50	cps
Iron	57-2	683	844	661	730	13.71	cps
Krypton	83-1	323	350	313	329	5.76	cps
Lead	206-1	6874	7041	7174	7030	2.14	cps
Lead	207-1	6285	6346	5902	6178	3.90	cps
Lead	208-1	27618	27874	27974	27822	0.66	cps
Lithium	6-1	1983304	2006092	2022660	2004019	0.99	cps
Magnesium	24-2	13115	13657	13148	13307	2.28	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : LLCCV2 Instrumnet Name : P8
 Client Sample ID : LLCCV2 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 19:05:39 DataFile Name : 073LLCC_P8072818- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	260	257	237	251	5.03	cps
Molybdenum	94-1	15343	15292	15401	15345	0.35	cps
Molybdenum	95-1	17771	17737	18171	17893	1.35	cps
Molybdenum	96-1	20258	19882	19423	19854	2.11	cps
Molybdenum	97-1	11689	11472	10963	11375	3.27	cps
Molybdenum	98-1	29659	29483	28748	29297	1.65	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	587	640	573	600	5.88	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	9237	9178	9012	9142	1.28	cps
Rhodium	103-1	10877989	11038575	10892265	10936276	0.81	cps
Rhodium	103-2	2882721	2883912	2821522	2862719	1.25	cps
Scandium	45-1	6364489	6501526	6496855	6454290	1.21	cps
Scandium	45-2	46915	47450	47095	47153	0.58	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	9	2	7	6	62.47	cps
Selenium	82-1	584	494	527	535	8.47	cps
Silicon	28-1	319658	340368	320067	326698	3.62	cps
Silver	109-1	8820	8937	8678	8812	1.47	cps
Silver	107-1	8795	9254	9437	9162	3.61	cps
Sodium	23-2	38854	37383	36966	37734	2.63	cps
Strontium	86-1	2600	2975	2600	2725	7.95	cps
Strontium	88-1	19323	19907	18638	19289	3.29	cps
Sulfur	34-1	370024	369171	371268	370154	0.28	cps
Terbium	159-1	16161547	16154180	16067170	16127632	0.33	cps
Terbium	159-2	2966836	2933653	2918515	2939668	0.84	cps
Thallium	203-1	7636	8428	7953	8006	4.98	cps
Thallium	205-1	19516	20000	19891	19802	1.28	cps
Tin	118-1	34655	33944	34095	34231	1.09	cps
Titanium	47-1	4726	4209	4426	4454	5.83	cps
Uranium	238-1	23264	23932	23891	23696	1.58	cps
Vanadium	51-2	2520	2577	2574	2557	1.24	cps
Yttrium	89-1	11860249	11974114	12031661	11955341	0.73	cps
Yttrium	89-2	332463	332624	330232	331773	0.40	cps
Zinc	66-2	343	360	360	354	2.72	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 19:05:39	DataFile Name :	073LLCC_P8072818- M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13708	14125	13833	13888	1.54	cps
Zirconium	91-1	3034	3176	3417	3209	6.04	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : CCB68 Instrumnet Name : P8
 Client Sample ID : CCB68 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 19:26:46 DataFile Name : 074CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	10	13	13	28.64	cps
Antimony	121-1	883	992	1042	972	8.33	cps
Arsenic	75-2	9	7	6	7	24.97	cps
Barium	135-1	83	75	117	92	24.05	cps
Barium	137-1	158	108	142	136	18.70	cps
Beryllium	9-1	283	150	156	196	38.43	cps
Bismuth	209-1	10592640	10394442	9263967	10083683	7.11	cps
Bismuth	209-2	2486557	2580406	2579104	2548689	2.11	cps
Boron	10-1	942	883	808	878	7.62	cps
Boron	11-1	4359	4042	4409	4270	4.66	cps
Cadmium	111-1	1559	1632	1463	1551	5.47	cps
Cadmium	106-1	2217	2309	2067	2198	5.55	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	583	467	583	544	12.37	cps
Calcium	44-1	13432	13107	12873	13137	2.14	cps
Chromium	52-2	347	367	457	390	15.02	cps
Cobalt	59-2	90	103	73	89	16.92	cps
Copper	63-2	350	413	377	380	8.37	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	75	50	53	39.74	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	92	8	25	42	105.84	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	15979672	15592935	14020775	15197794	6.83	cps
Holmium	165-2	3039737	3078300	3061496	3059844	0.63	cps
Indium	115-1	12024169	11654020	10605904	11428031	6.44	cps
Indium	115-2	439471	445345	448547	444454	1.04	cps
Iron	56-2	1445	1256	1328	1343	7.10	cps
Iron	57-2	61	67	56	61	9.09	cps
Krypton	83-1	320	273	270	288	9.71	cps
Lead	206-1	539	594	650	594	9.35	cps
Lead	207-1	472	433	539	482	11.09	cps
Lead	208-1	2089	2217	2428	2245	7.63	cps
Lithium	6-1	2011181	1998516	1782276	1930658	6.66	cps
Magnesium	24-2	258	325	242	275	16.04	cps

LB Number : LB96958 Operator : Jaswal
 Lab Sample ID : CCB68 Instrumnet Name : P8
 Client Sample ID : CCB68 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-28 19:26:46 DataFile Name : 074CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	53	27	41	32.76	cps
Molybdenum	94-1	608	642	675	642	5.19	cps
Molybdenum	95-1	358	333	333	342	4.22	cps
Molybdenum	96-1	492	375	567	478	20.22	cps
Molybdenum	97-1	283	150	208	214	31.25	cps
Molybdenum	98-1	442	583	558	528	14.33	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117	97	100	104	10.26	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2509	2367	2309	2395	4.30	cps
Rhodium	103-1	11083397	11007528	9909887	10666937	6.16	cps
Rhodium	103-2	2755702	2837723	2855460	2816295	1.89	cps
Scandium	45-1	6476893	6534633	5779618	6263715	6.71	cps
Scandium	45-2	46373	46607	47346	46776	1.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-29	12	29	4	740.01	cps
Silicon	28-1	267438	267884	264896	266739	0.60	cps
Silver	109-1	117	117	92	108	13.32	cps
Silver	107-1	192	150	150	164	14.68	cps
Sodium	23-2	7702	7702	7777	7727	0.56	cps
Strontium	86-1	683	542	592	606	11.86	cps
Strontium	88-1	200	233	200	211	9.12	cps
Sulfur	34-1	380095	379725	379272	379697	0.11	cps
Terbium	159-1	16124708	16137409	14251682	15504600	7.00	cps
Terbium	159-2	2885299	2953263	2923893	2920818	1.17	cps
Thallium	203-1	467	342	275	361	26.94	cps
Thallium	205-1	917	892	708	839	13.56	cps
Tin	118-1	5118	4976	4718	4937	4.11	cps
Titanium	47-1	150	142	108	133	16.54	cps
Uranium	238-1	50	42	42	44	10.82	cps
Vanadium	51-2	7	7	3	6	34.70	cps
Yttrium	89-1	11999991	11925019	10760040	11561683	6.01	cps
Yttrium	89-2	323184	328164	330191	327180	1.10	cps
Zinc	66-2	83	70	67	73	12.03	cps

LB Number :	LB96958	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2018-07-28 19:26:46	DataFile Name :	074CCBE_P8072818- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1417	1158	1100	1225	13.76	cps
Zirconium	91-1	283	300	233	272	12.74	cps