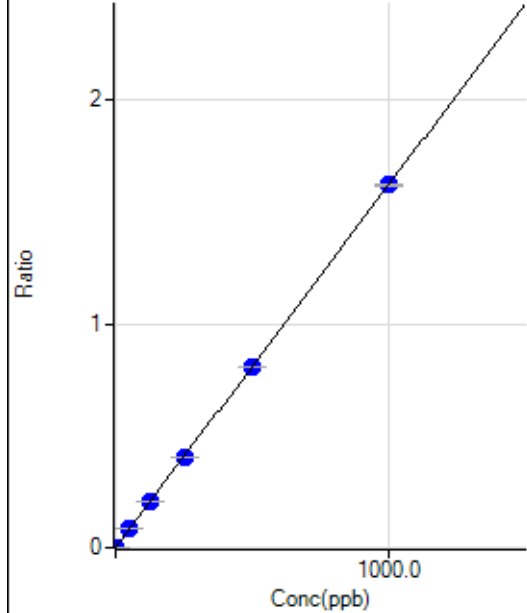


Batch Folder: D:\ICP-MS Data\P7052317-MS .b\
Analysis File: P7052317-MS .batch.bin
DA Date-Time: 2017-05-23 17:53:40
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P7052317-MS.D	S00	2017-05-23 11:15:48
2			
3	005CAL5 P7052317-MS.D	S02	2017-05-23 11:23:26
4	006CAL5 P7052317-MS.D	S03	2017-05-23 11:27:16
5	007CAL5 P7052317-MS.D	S04	2017-05-23 11:31:25
6	008CAL5 P7052317-MS.D	S05	2017-05-23 11:35:08
7	009CAL5 P7052317-MS.D	S06	2017-05-23 11:38:46
8	010CAL5 P7052317-MS.D	S07	2017-05-23 11:42:20
9	011CAL5 P7052317-MS.D	S08	2017-05-23 11:45:51

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0001	P	30.9
2	☐	0.100					
3	☐	1.000	0.876	2311.35	0.0015	P	3.6
4	☐	50.000	51.095	131069.75	0.0829	P	0.7
5	☐	125.000	126.406	324687.72	0.2049	P	0.5
6	☐	250.000	249.925	641945.09	0.4051	P	0.8
7	☐	500.000	498.441	1241288.57	0.8079	P	0.1
8	☐	1000.000	1000.568	2442835.35	1.6216	P	0.3
9	☐			724.12	0.0005	P	21.7

$$y = 0.0016 * x + 6.2945E-005$$

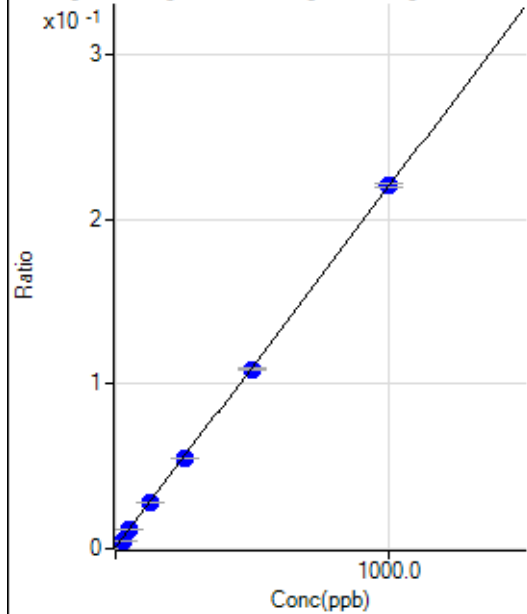
$$R = 1.0000$$

$$DL = 0.03596$$

$$BEC = 0.03884$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	950.07	0.0006	P	9.8
2	☐	2.500					
3	☐	25.000	20.836	8052.47	0.0052	P	2.0
4	☐	50.000	49.209	17997.35	0.0114	P	3.4
5	☐	125.000	123.099	43678.04	0.0276	P	0.5
6	☐	250.000	247.255	86785.01	0.0548	P	0.9
7	☐	500.000	495.667	167770.39	0.1092	P	0.2
8	☐	1000.000	1003.234	331992.14	0.2204	P	1.2
9	☐			8522.16	0.0061	P	5.9

$$y = 2.1908E-004 * x + 5.9798E-004$$

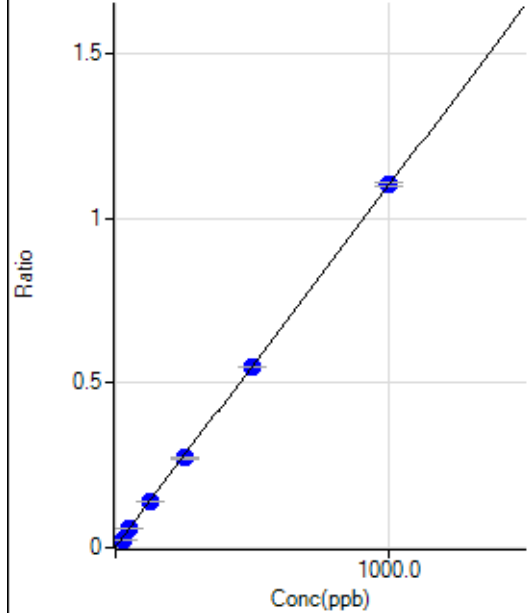
$$R = 1.0000$$

$$DL = 0.8014$$

$$BEC = 2.729$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4439.73	0.0028	P	5.4
2	☐	2.500					
3	☐	25.000	21.075	40393.83	0.0259	P	1.0
4	☐	50.000	48.972	89318.92	0.0565	P	1.7
5	☐	125.000	124.364	220407.95	0.1391	P	0.7
6	☐	250.000	246.612	432760.66	0.2731	P	1.3
7	☐	500.000	498.024	843006.32	0.5487	P	0.7
8	☐	1000.000	1002.064	1658758.21	1.1011	P	0.9
9	☐			42758.93	0.0306	P	9.6

$$y = 0.0011 * x + 0.0028$$

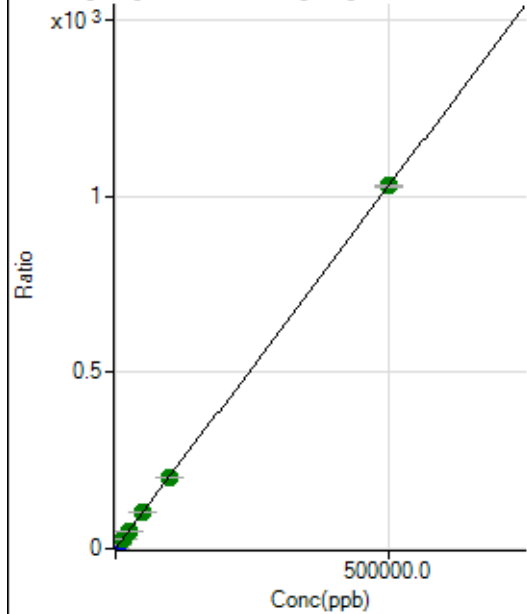
$$R = 1.0000$$

$$DL = 0.4106$$

$$BEC = 2.55$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64068.25	0.2010	P	1.5
2	☐	50.000					
3	☐	500.000	410.302	328043.31	1.0452	P	0.4
4	☐	5000.000	5036.033	3321860.67	10.5630	P	1.0
5	☐	12500.000	12602.141	8022279.00	26.1308	A	0.7
6	☐	25000.000	25017.928	16097201.92	51.6772	A	0.3
7	☐	50000.000	49303.967	31598124.32	101.6475	A	0.6
8	☐	100000.00	97927.013	63286736.83	201.6929	A	0.5
9	☐	500000.00	500480.48	330836851.84	1,029.975	A	0.9

$$y = 0.0021 * x + 0.2010$$

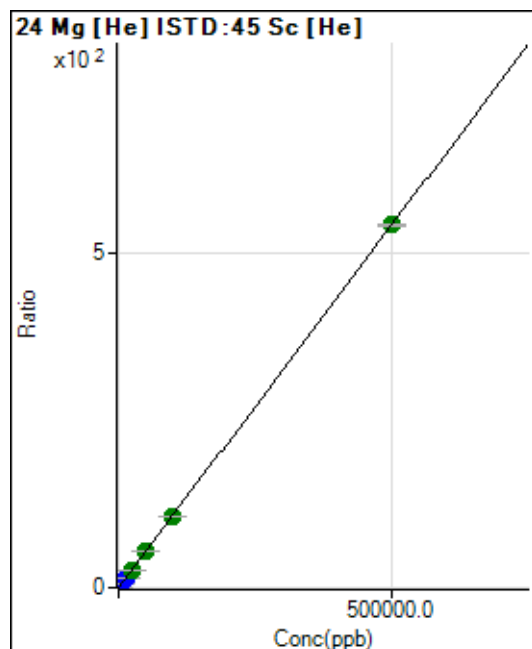
$$R = 1.0000$$

$$DL = 4.403$$

$$BEC = 97.7$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	250.01	0.0008	P	5.9
2	☐	50.000					
3	☐	500.000	460.028	156706.05	0.4993	P	1.4
4	☐	5000.000	5062.414	1725603.70	5.4871	P	0.8
5	☐	12500.000	12727.585	4234868.89	13.7942	P	0.8
6	☐	25000.000	24996.178	8438383.96	27.0902	A	0.6
7	☐	50000.000	49317.025	16614951.41	53.4478	A	0.2
8	☐	100000.00	97231.532	33064285.46	105.3748	A	0.3
9	☐	500000.00	500615.90	174269334.45	542.5400	A	0.7

$$y = 0.0011 * x + 7.8416E-004$$

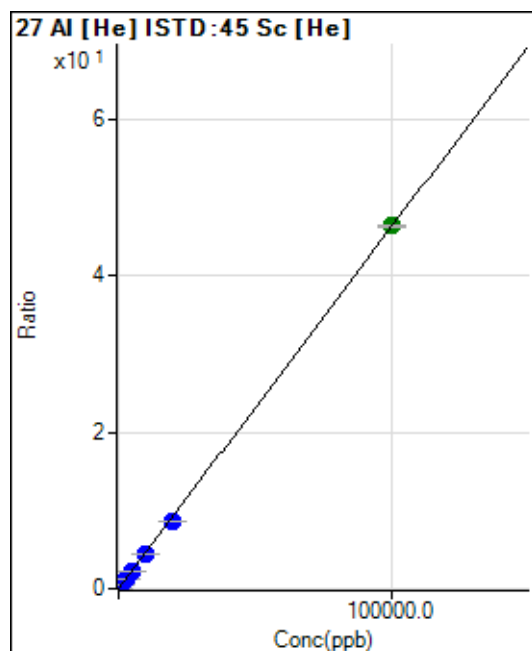
$$R = 1.0000$$

$$DL = 0.1287$$

$$BEC = 0.7236$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0005	P	7.5
2	☐	2.000					
3	☐	20.000	18.020	2778.16	0.0088	P	9.0
4	☐	1000.000	967.848	140672.57	0.4473	P	0.4
5	☐	2500.000	2423.415	343592.71	1.1192	P	1.2
6	☐	5000.000	4778.255	687219.35	2.2062	P	0.6
7	☐	10000.000	9487.125	1361530.77	4.3799	P	0.5
8	☐	20000.000	18789.145	2721661.58	8.6737	P	0.3
9	☐	100000.00	100306.78	14872957.11	46.3029	A	0.4

$$y = 4.6161E-004 * x + 5.3163E-004$$

$$R = 0.9999$$

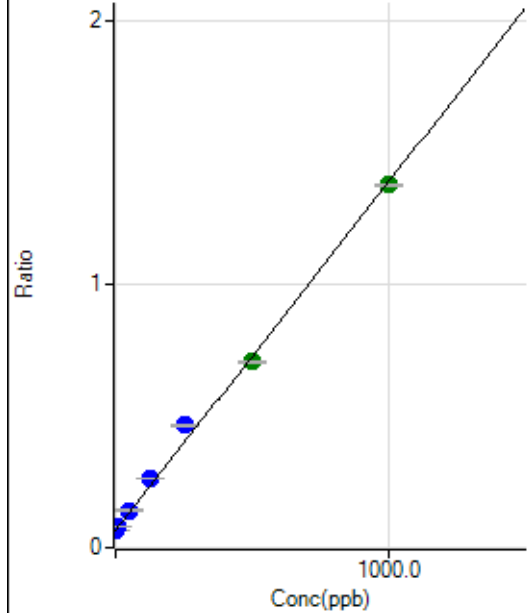
$$DL = 0.2593$$

$$BEC = 1.152$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	429545.14	0.0652	P	1.3
2	☐	1.000					
3	☐	10.000	10.025	513735.54	0.0785	P	1.1
4	☐	50.000	57.988	935450.24	0.1420	P	1.1
5	☐	125.000	148.206	1716938.53	0.2614	P	0.7
6	☐	250.000	301.519	3020641.47	0.4643	P	1.4
7	☐	500.000	484.163	4543269.68	0.7060	A	1.0
8	☐	1000.000	991.738	8771646.12	1.3777	A	0.6
9	☐			545773.06	0.0863	P	0.8

$$y = 0.0013 * x + 0.0652$$

$$R = 0.9982$$

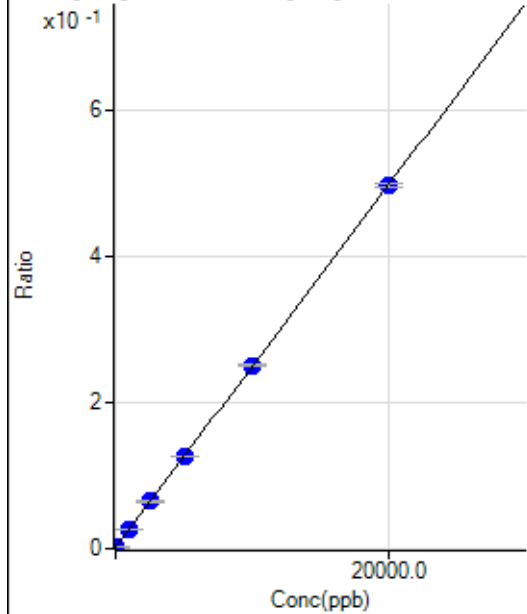
$$DL = 1.942$$

$$BEC = 49.29$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-4.126	383.36	0.0012	P	15.3
2	☐	0.000					
3	☐	0.000	4.126	441.69	0.0014	P	5.4
4	☐	1000.000	1006.161	8266.58	0.0263	P	0.4
5	☐	2500.000	2546.978	19813.84	0.0645	P	1.9
6	☐	5000.000	5057.186	39517.12	0.1269	P	1.1
7	☐	10000.000	10050.265	77973.45	0.2508	P	1.0
8	☐	20000.000	19954.391	155867.42	0.4967	P	0.9
9	☐			469.47	0.0015	P	6.0

$$y = 2.4828E-005 * x + 0.0013$$

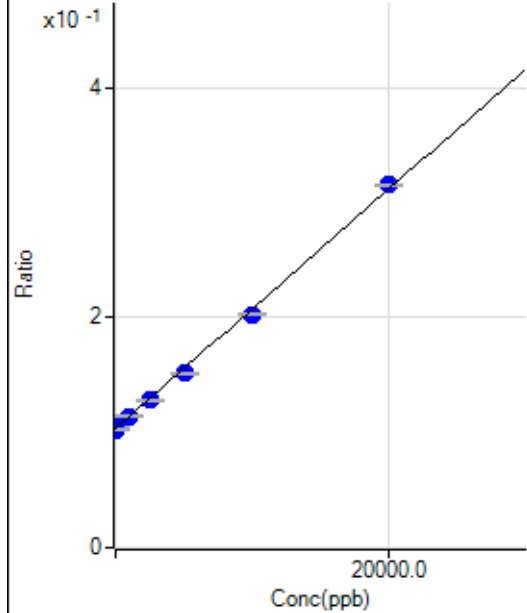
$$R = 1.0000$$

$$DL = 15.67$$

$$BEC = 52.55$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	96.552	689929.68	0.1048	P	0.8
2	☐	0.000					
3	☐	0.000	-96.552	672517.70	0.1028	P	1.4
4	☐	1000.000	1011.338	753153.41	0.1143	P	1.6
5	☐	2500.000	2371.627	844036.10	0.1285	P	0.8
6	☐	5000.000	4608.083	987582.37	0.1518	P	1.0
7	☐	10000.000	9544.458	1307807.54	0.2032	P	0.7
8	☐	20000.000	20341.230	2010057.64	0.3157	P	0.8
9	☐			622980.83	0.0985	P	0.8

$$y = 1.0419\text{E-}005 * x + 0.1038$$

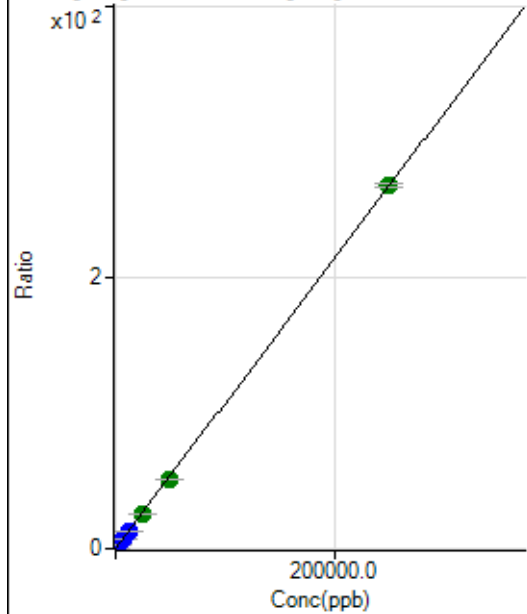
$$R = 0.9994$$

$$DL = 331.8$$

$$BEC = 9960$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45846.81	0.1438	P	1.0
2	☐	50.000					
3	☐	500.000	449.451	195832.76	0.6240	P	1.3
4	☐	2500.000	2476.775	877370.30	2.7899	P	0.6
5	☐	6250.000	6187.251	2073479.69	6.7539	P	0.5
6	☐	12500.000	12310.109	4141347.10	13.2951	P	0.5
7	☐	25000.000	24286.935	8110496.97	26.0903	A	0.2
8	☐	50000.000	48093.282	16166848.97	51.5234	A	0.4
9	☐	250000.00	250464.04	85994299.15	267.7222	A	1.0

$$y = 0.0011 * x + 0.1438$$

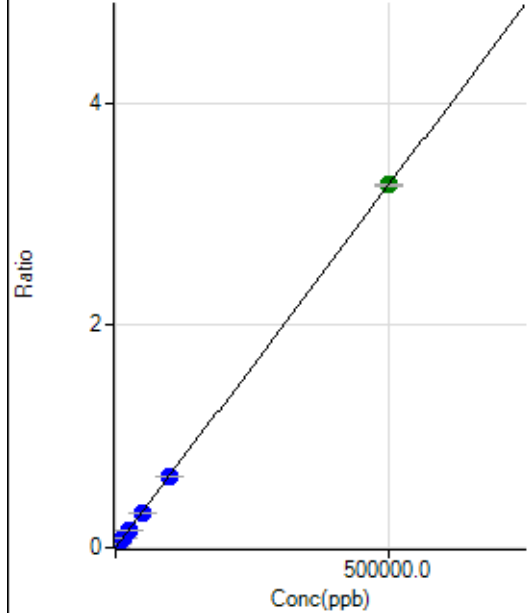
$$R = 1.0000$$

$$DL = 3.975$$

$$BEC = 134.6$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	444.47	0.0001	P	19.2
2	☐	50.000					
3	☐	500.000	435.646	19023.98	0.0029	P	2.1
4	☐	5000.000	4911.585	211349.61	0.0321	P	1.4
5	☐	12500.000	12206.119	523013.99	0.0796	P	0.5
6	☐	25000.000	24522.056	1040298.64	0.1599	P	0.8
7	☐	50000.000	48564.699	2037421.84	0.3166	P	0.1
8	☐	100000.00	97818.102	4059362.76	0.6376	P	0.5
9	☐	500000.00	500612.10	20634747.16	3.2628	A	0.5

$$y = 6.5175\text{E-}006 * x + 6.7501\text{E-}005$$

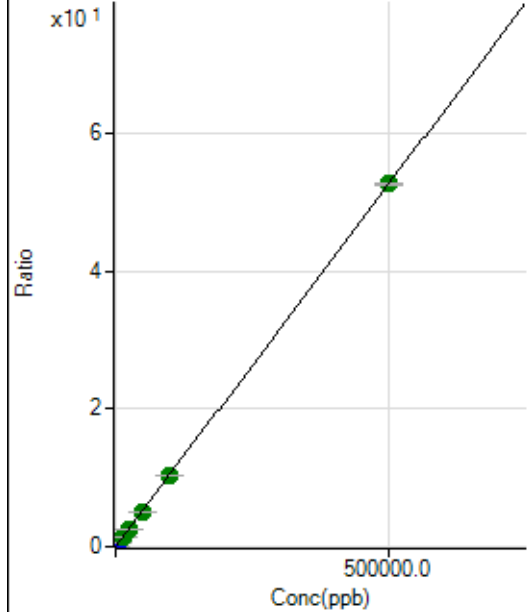
$$R = 1.0000$$

$$DL = 5.952$$

$$BEC = 10.36$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17127.37	0.0026	P	2.0
2	☐	50.000					
3	☐	500.000	438.649	319236.91	0.0488	P	0.6
4	☐	5000.000	4951.441	3451512.53	0.5238	P	0.3
5	☐	12500.000	12351.534	8558178.49	1.3028	A	0.6
6	☐	25000.000	24528.759	16817736.31	2.5847	A	0.3
7	☐	50000.000	48684.175	32999366.02	5.1276	A	0.3
8	☐	100000.00	97358.683	65268546.60	10.2515	A	0.3
9	☐	500000.00	500687.66	333346168.56	52.7097	A	0.4

$$y = 1.0527\text{E-}004 * x + 0.0026$$

$$R = 1.0000$$

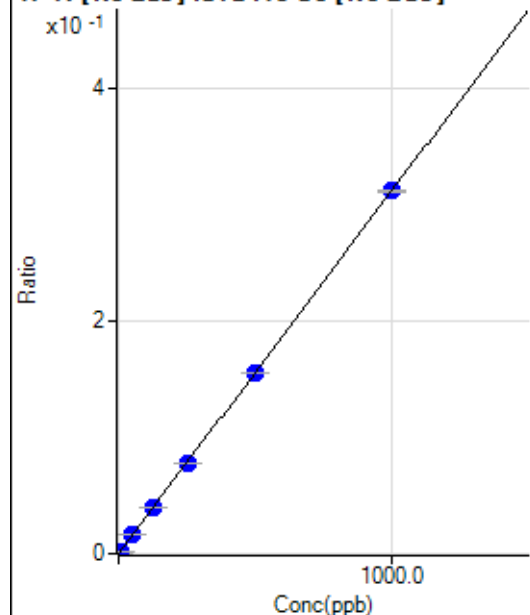
$$DL = 1.467$$

$$BEC = 24.71$$

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	222.23	0.0000	P	15.3
2	☐	0.500					
3	☐	5.000	4.476	9364.49	0.0014	P	2.4
4	☐	50.000	50.563	104217.25	0.0158	P	1.0
5	☐	125.000	125.209	256949.02	0.0391	P	0.6
6	☐	250.000	250.508	508980.07	0.0782	P	0.7
7	☐	500.000	498.438	1001480.96	0.1556	P	0.2
8	☐	1000.000	1000.603	1988722.11	0.3124	P	0.5
9	☐			2072.46	0.0003	P	17.2

$$y = 3.1214\text{E-}004 * x + 3.3740\text{E-}005$$

$$R = 1.0000$$

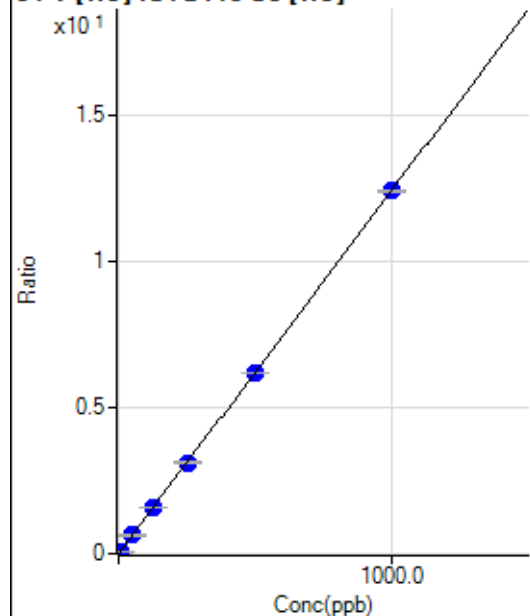
$$DL = 0.04977$$

$$BEC = 0.1081$$

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	40.00	0.0001	P	36.3
2	☐	0.500					
3	☐	5.000	4.500	17570.66	0.0560	P	2.4
4	☐	50.000	50.462	197044.75	0.6266	P	1.4
5	☐	125.000	126.836	483450.79	1.5747	P	0.8
6	☐	250.000	250.998	970655.13	3.1161	P	0.7
7	☐	500.000	499.241	1926705.18	6.1979	P	0.3
8	☐	1000.000	999.880	3894951.16	12.4131	P	0.3
9	☐			1796.81	0.0056	P	2.1

$$y = 0.0124 * x + 1.2547\text{E-}004$$

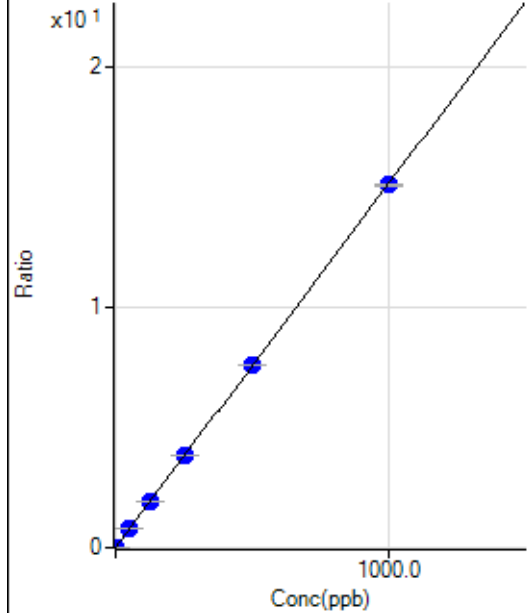
$$R = 1.0000$$

$$DL = 0.01101$$

$$BEC = 0.01011$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1561.22	0.0049	P	4.7
2	☐	0.200					
3	☐	2.000	1.971	10911.99	0.0348	P	0.5
4	☐	50.000	51.040	244847.68	0.7786	P	0.9
5	☐	125.000	128.348	598784.87	1.9504	P	0.4
6	☐	250.000	253.585	1198856.35	3.8487	P	0.7
7	☐	500.000	502.585	2369729.24	7.6231	P	0.7
8	☐	1000.000	997.341	4745094.86	15.1226	P	0.6
9	☐			113944.69	0.3547	P	1.0

$$y = 0.0152 * x + 0.0049$$

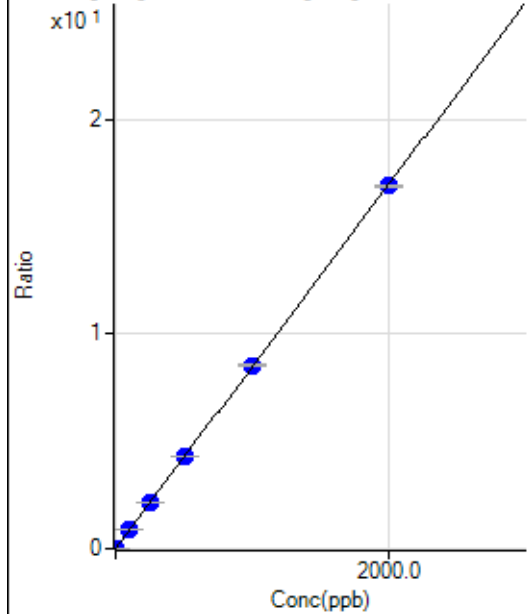
$$R = 1.0000$$

$$DL = 0.0451$$

$$BEC = 0.3232$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.56	0.0004	P	13.9
2	☐	0.100					
3	☐	1.000	0.916	2559.16	0.0082	P	2.2
4	☐	100.000	102.539	273268.49	0.8689	P	0.6
5	☐	250.000	256.430	666951.10	2.1724	P	0.6
6	☐	500.000	506.517	1336535.63	4.2908	P	0.8
7	☐	1000.000	1006.876	2651349.00	8.5290	P	0.6
8	☐	2000.000	1994.002	5299785.69	16.8903	P	0.4
9	☐			20843.86	0.0649	P	1.5

$$y = 0.0085 * x + 3.9367E-004$$

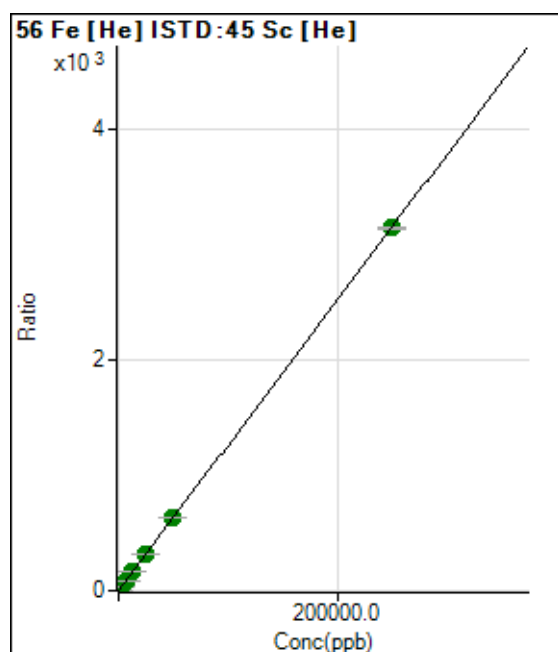
$$R = 1.0000$$

$$DL = 0.01933$$

$$BEC = 0.04648$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6362.67	0.0200	P	2.7
2	☐	5.000					
3	☐	50.000	46.242	188519.46	0.6007	P	0.8
4	☐	2500.000	2588.868	10230656.36	32.5324	A	1.3
5	☐	6250.000	6493.271	25040830.88	81.5660	A	1.0
6	☐	12500.000	12786.374	50025278.43	160.5981	A	0.4
7	☐	25000.000	25317.965	98846493.88	317.9766	A	0.6
8	☐	50000.000	49989.402	196993028.48	627.8138	A	0.5
9	☐	250000.00	249949.03	1008275889.2	3,139.014	A	0.8

$$y = 0.0126 * x + 0.0200$$

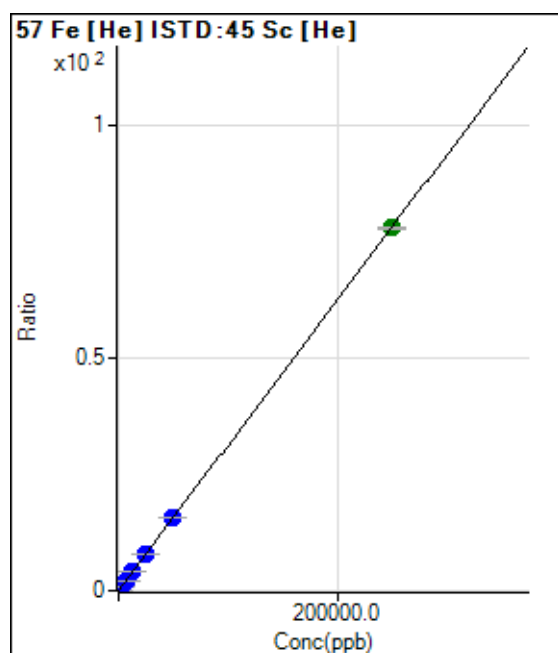
$$R = 1.0000$$

$$DL = 0.1292$$

$$BEC = 1.589$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0005	P	14.3
2	☐	5.000					
3	☐	50.000	47.383	4793.51	0.0153	P	6.3
4	☐	2500.000	2566.863	251693.28	0.8004	P	1.1
5	☐	6250.000	6456.121	617766.59	2.0123	P	1.3
6	☐	12500.000	12725.490	1235336.16	3.9659	P	0.7
7	☐	25000.000	25169.519	2438250.06	7.8435	P	0.3
8	☐	50000.000	49972.345	4886224.59	15.5723	P	0.4
9	☐	250000.00	249971.48	25020000.10	77.8935	A	0.5

$$y = 3.1161E-004 * x + 5.0516E-004$$

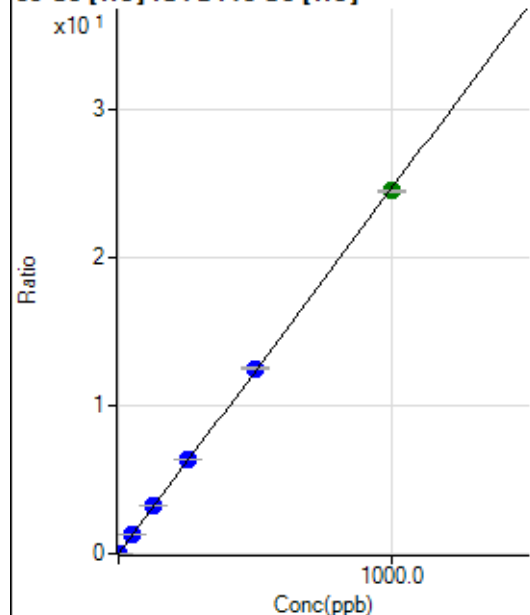
$$R = 1.0000$$

$$DL = 0.6946$$

$$BEC = 1.621$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.23	0.0006	P	16.2
2	☐	0.100					
3	☐	1.000	0.950	7564.29	0.0241	P	3.4
4	☐	50.000	52.209	405885.88	1.2907	P	0.9
5	☐	125.000	130.411	989435.89	3.2229	P	0.9
6	☐	250.000	257.429	1981503.91	6.3613	P	0.7
7	☐	500.000	507.474	3898086.64	12.5396	P	0.3
8	☐	1000.000	993.619	7703739.40	24.5515	A	0.3
9	☐			11411.26	0.0355	P	1.3

$$y = 0.0247 * x + 6.3470E-004$$

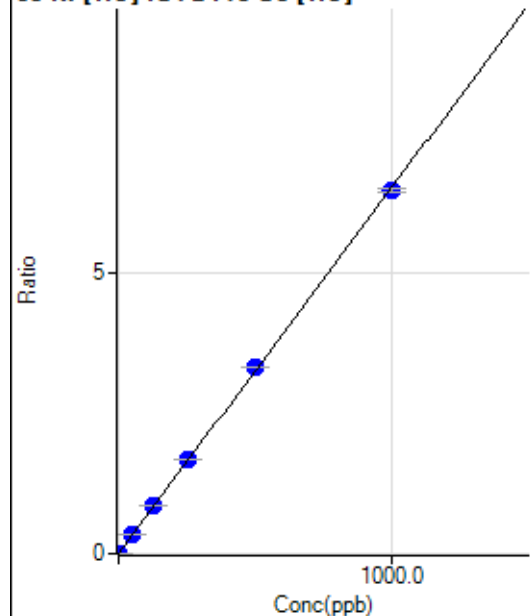
$$R = 0.9999$$

$$DL = 0.01251$$

$$BEC = 0.02569$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	446.68	0.0014	P	3.5
2	☐	0.100					
3	☐	1.000	1.020	2529.15	0.0081	P	4.6
4	☐	50.000	53.005	109228.55	0.3473	P	1.8
5	☐	125.000	132.547	266010.16	0.8665	P	0.6
6	☐	250.000	258.543	526038.41	1.6888	P	0.8
7	☐	500.000	509.639	1034399.06	3.3276	P	0.8
8	☐	1000.000	991.951	2031791.13	6.4754	P	0.9
9	☐			29991.98	0.0934	P	1.2

$$y = 0.0065 * x + 0.0014$$

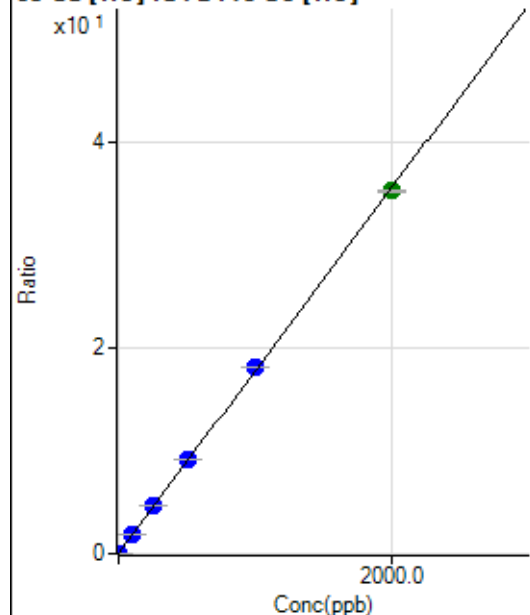
$$R = 0.9999$$

$$DL = 0.02237$$

$$BEC = 0.2147$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6843.95	0.0215	P	3.0
2	☐	0.200					
3	☐	2.000	1.950	17599.68	0.0561	P	2.4
4	☐	100.000	105.169	593694.97	1.8878	P	0.7
5	☐	250.000	262.973	1439341.04	4.6883	P	0.6
6	☐	500.000	515.779	2857889.05	9.1748	P	0.3
7	☐	1000.000	1019.270	5629719.15	18.1100	P	0.4
8	☐	2000.000	1984.540	11057549.28	35.2402	A	0.4
9	☐			22064.59	0.0687	P	0.5

$$y = 0.0177 * x + 0.0215$$

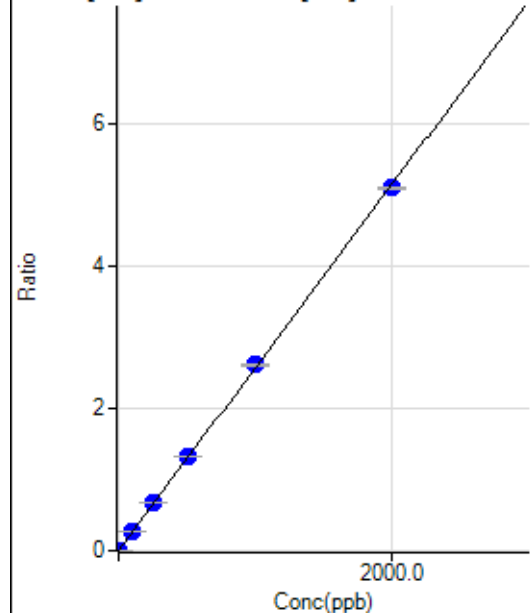
$$R = 0.9999$$

$$DL = 0.1088$$

$$BEC = 1.21$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	185.56	0.0006	P	4.1
2	☐	0.200					
3	☐	2.000	2.001	1794.59	0.0057	P	5.9
4	☐	100.000	105.134	85081.70	0.2705	P	1.0
5	☐	250.000	264.422	208634.12	0.6796	P	0.5
6	☐	500.000	519.089	415381.65	1.3335	P	0.5
7	☐	1000.000	1018.243	812995.84	2.6153	P	0.8
8	☐	2000.000	1984.047	1598770.48	5.0953	P	0.7
9	☐			8093.48	0.0252	P	0.9

$$y = 0.0026 * x + 5.8225E-004$$

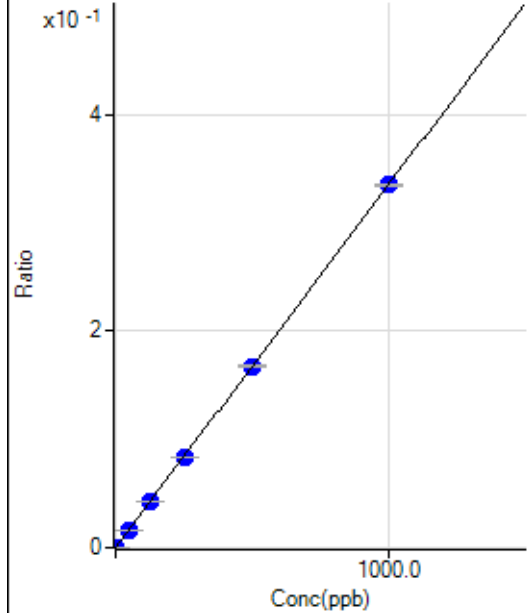
$$R = 0.9999$$

$$DL = 0.02816$$

$$BEC = 0.2267$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.99	0.0000	P	18.4
2	☐	0.100					
3	☐	1.000	0.901	527.79	0.0003	P	5.1
4	☐	50.000	49.864	28383.84	0.0167	P	0.5
5	☐	125.000	126.069	70129.56	0.0423	P	0.5
6	☐	250.000	251.405	141170.09	0.0843	P	0.2
7	☐	500.000	499.646	279293.64	0.1675	P	0.7
8	☐	1000.000	999.699	562225.33	0.3352	P	0.3
9	☐			633.35	0.0004	P	3.8

$$y = 3.3525E-004 * x + 1.2334E-005$$

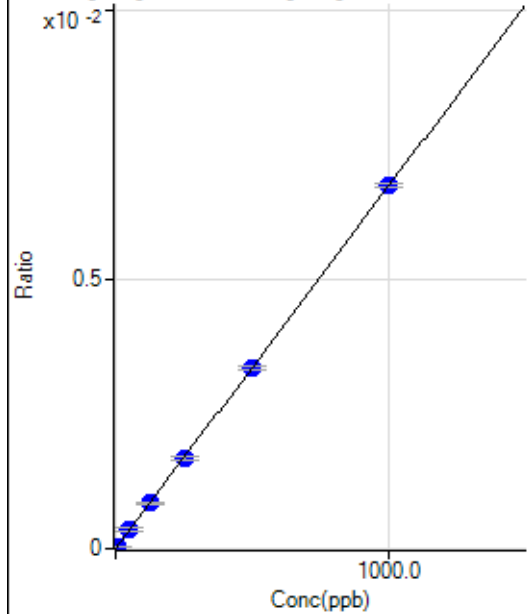
$$R = 1.0000$$

$$DL = 0.02034$$

$$BEC = 0.03679$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	3.827	43.33	0.0000	P	20.1
4	☐	50.000	51.727	591.13	0.0003	P	19.9
5	☐	125.000	125.522	1403.42	0.0008	P	3.2
6	☐	250.000	249.755	2819.22	0.0017	P	2.8
7	☐	500.000	497.854	5594.50	0.0034	P	1.6
8	☐	1000.000	1000.988	11316.80	0.0067	P	1.2
9	☐			15.56	0.0000	P	32.0

$$y = 6.7400E-006 * x + 0.0000E+000$$

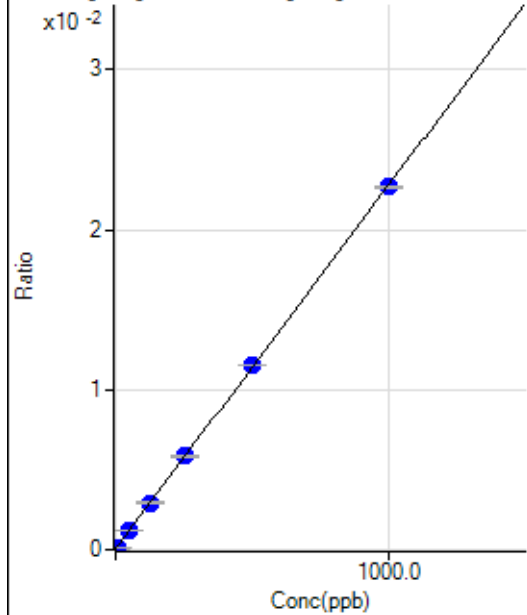
$$R = 1.0000$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.66	0.0001	P	14.9
2	☐	0.500					
3	☐	5.000	4.753	267.91	0.0002	P	8.6
4	☐	50.000	51.464	2071.77	0.0012	P	1.7
5	☐	125.000	125.925	4832.95	0.0029	P	2.3
6	☐	250.000	255.142	9797.83	0.0059	P	1.0
7	☐	500.000	505.651	19246.16	0.0115	P	0.9
8	☐	1000.000	995.701	38048.56	0.0227	P	0.5
9	☐			161.73	0.0001	P	3.6

$$y = 2.2728\text{E-}005 * x + 5.1506\text{E-}005$$

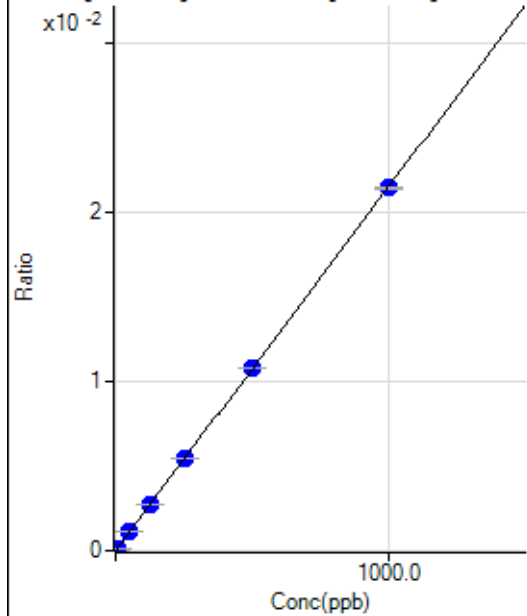
R = 1.0000

DL = 1.013

BEC = 2.266

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-38.41	0.0000	P	-216.
2	☐	0.500					
3	☐	5.000	4.563	1068.20	0.0001	P	1.7
4	☐	50.000	50.418	12334.83	0.0011	P	0.7
5	☐	125.000	128.162	31508.98	0.0027	P	0.2
6	☐	250.000	252.814	61922.50	0.0054	P	0.5
7	☐	500.000	502.692	121437.03	0.0108	P	0.2
8	☐	1000.000	997.537	238126.38	0.0214	P	0.4
9	☐			302.44	0.0000	P	27.0

$$y = 2.1457\text{E-}005 * x - 3.3881\text{E-}006$$

R = 1.0000

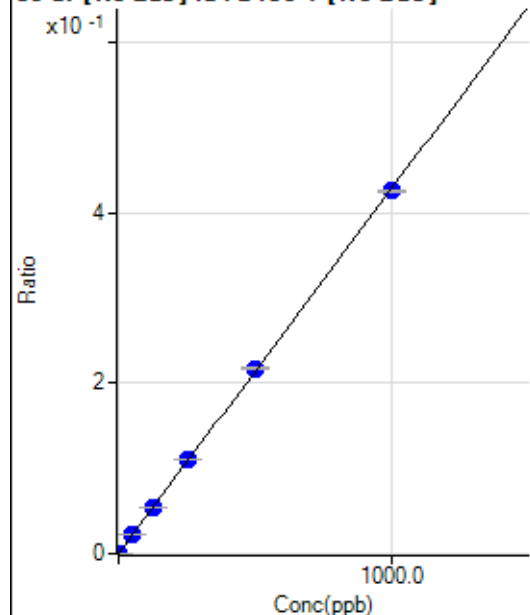
DL = 1.025

BEC = -0.1579

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2172.48	0.0002	P	8.5
2	☐	0.100					
3	☐	1.000	0.923	6604.60	0.0006	P	1.1
4	☐	50.000	51.615	254547.11	0.0223	P	1.1
5	☐	125.000	127.909	629505.57	0.0549	P	0.6
6	☐	250.000	255.617	1250402.30	0.1095	P	0.2
7	☐	500.000	508.157	2448825.60	0.2174	P	1.0
8	☐	1000.000	994.073	4730938.00	0.4252	P	0.4
9	☐			153063.08	0.0143	P	1.0

$$y = 4.2752E-004 * x + 1.9007E-004$$

$$R = 0.9999$$

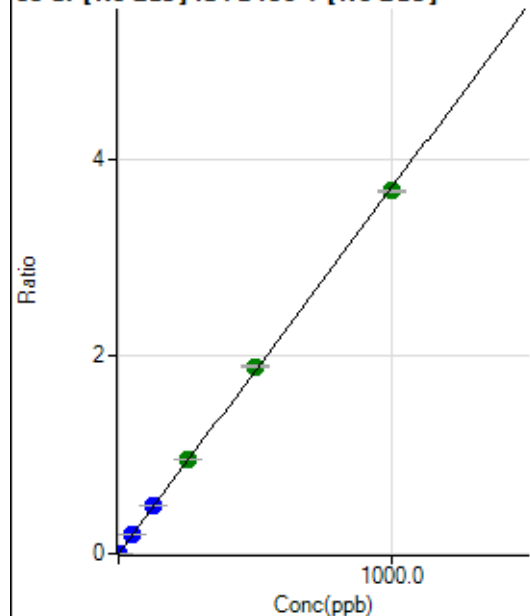
$$DL = 0.1136$$

$$BEC = 0.4446$$

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	1672.39	0.0001	P	8.5
2	☐	0.100					
3	☐	1.000	0.908	39703.17	0.0035	P	2.0
4	☐	50.000	51.856	2201572.90	0.1925	P	0.5
5	☐	125.000	129.888	5528525.30	0.4819	P	0.8
6	☐	250.000	256.590	10872616.91	0.9519	A	0.4
7	☐	500.000	511.558	21370985.37	1.8976	A	0.6
8	☐	1000.000	991.870	40937348.14	3.6791	A	0.7
9	☐			1320460.79	0.1230	P	0.2

$$y = 0.0037 * x + 1.4629E-004$$

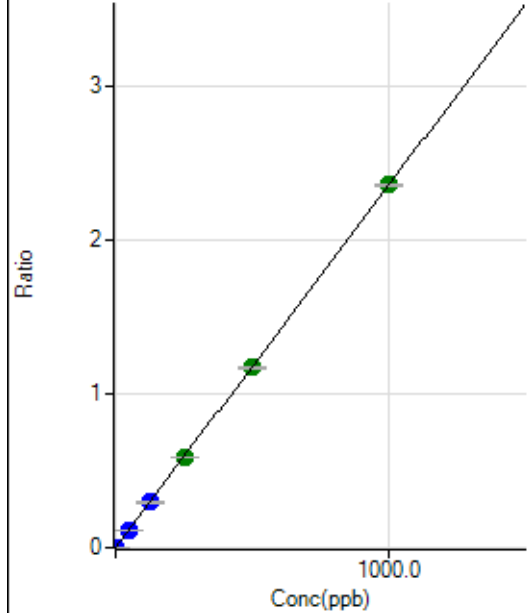
$$R = 0.9999$$

$$DL = 0.01002$$

$$BEC = 0.03944$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1016.75	0.0001	P	18.6
2	☐	0.100					
3	☐	1.000	0.757	21094.15	0.0019	P	2.8
4	☐	50.000	49.105	1320588.88	0.1155	P	0.7
5	☐	125.000	124.928	3368184.49	0.2936	P	0.7
6	☐	250.000	248.227	6662534.52	0.5833	A	0.6
7	☐	500.000	497.577	13166748.91	1.1691	A	0.6
8	☐	1000.000	1001.708	26188344.34	2.3536	A	0.7
9	☐			6860.34	0.0006	P	6.7

$$y = 0.0023 * x + 8.8954E-005$$

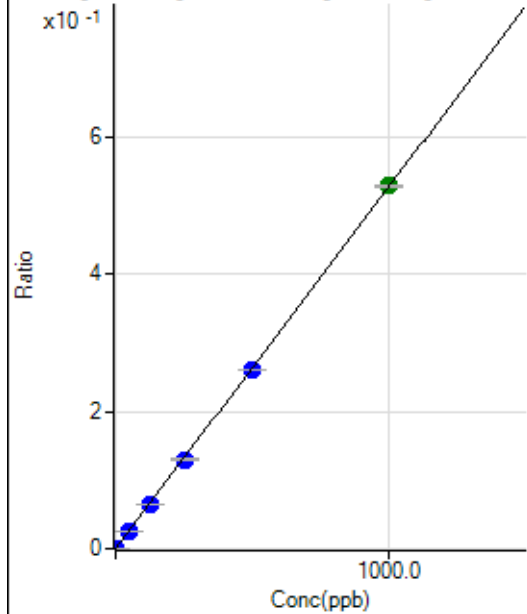
$$R = 1.0000$$

$$DL = 0.02113$$

$$BEC = 0.03786$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.68	0.0000	P	16.2
2	☐	0.100					
3	☐	1.000	0.723	4512.04	0.0004	P	5.3
4	☐	50.000	49.001	295203.28	0.0258	P	0.8
5	☐	125.000	123.694	747082.21	0.0651	P	0.7
6	☐	250.000	246.846	1484252.07	0.1299	P	1.1
7	☐	500.000	494.774	2932991.43	0.2604	P	0.4
8	☐	1000.000	1003.615	5877883.85	0.5283	A	0.5
9	☐			1477.93	0.0001	P	8.7

$$y = 5.2633E-004 * x + 1.8941E-005$$

$$R = 1.0000$$

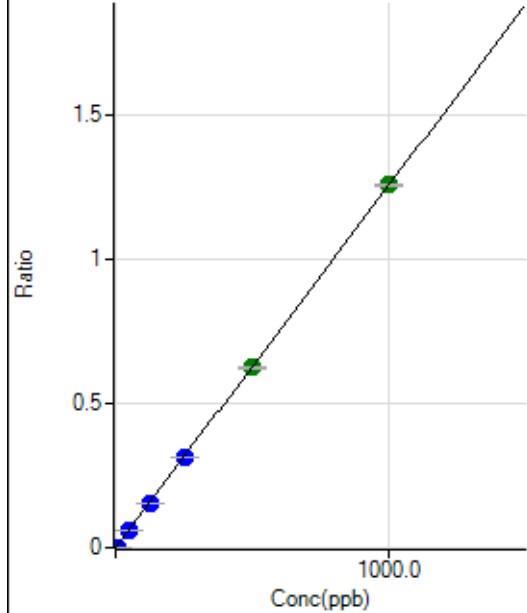
$$DL = 0.01744$$

$$BEC = 0.03599$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	536.15	0.0000	P	3.2
2	☐	0.500					
3	☐	5.000	1.815	26210.97	0.0023	P	2.7
4	☐	50.000	48.161	690637.53	0.0604	P	0.5
5	☐	125.000	122.405	1759801.08	0.1534	P	0.4
6	☐	250.000	247.288	3539167.23	0.3098	P	0.1
7	☐	500.000	497.080	7013806.75	0.6228	A	0.7
8	☐	1000.000	1002.570	13976259.51	1.2561	A	0.7
9	☐			24713.90	0.0023	P	4.2

$$y = 0.0013 * x + 4.6893E-005$$

$$R = 1.0000$$

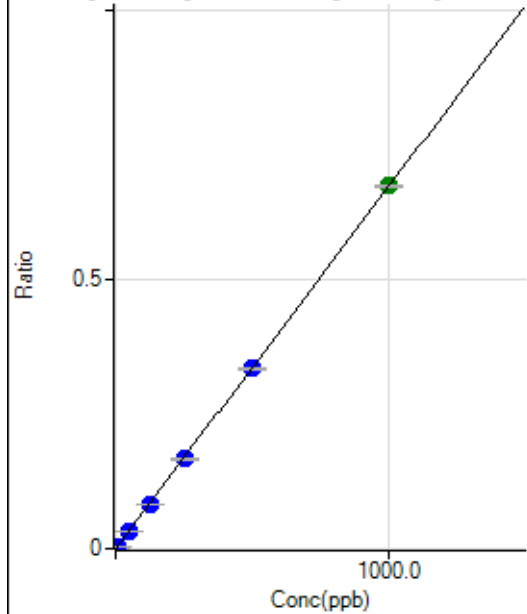
$$DL = 0.003554$$

$$BEC = 0.03743$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0000	P	17.3
2	☐	0.500					
3	☐	5.000	4.342	33189.44	0.0029	P	1.2
4	☐	50.000	48.980	376747.02	0.0329	P	0.1
5	☐	125.000	123.828	955044.29	0.0832	P	0.2
6	☐	250.000	247.263	1898506.36	0.1662	P	0.4
7	☐	500.000	497.056	3762656.07	0.3341	P	0.3
8	☐	1000.000	1002.357	7496655.72	0.6737	A	0.5
9	☐			38372.22	0.0036	P	5.9

$$y = 6.7213E-004 * x + 1.9441E-005$$

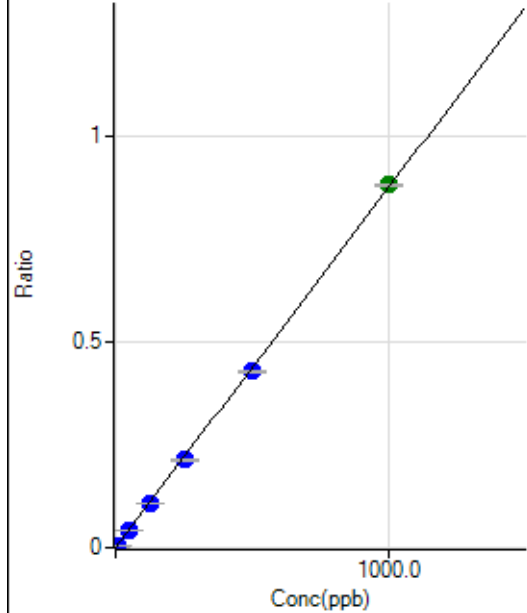
$$R = 1.0000$$

$$DL = 0.01505$$

$$BEC = 0.02893$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	397.24	0.0000	P	7.9
2	☐	0.500					
3	☐	5.000	3.644	36377.96	0.0032	P	0.1
4	☐	50.000	48.051	480795.35	0.0420	P	0.2
5	☐	125.000	122.210	1225931.77	0.1069	P	0.6
6	☐	250.000	243.414	2430748.38	0.2128	P	0.4
7	☐	500.000	488.907	4813361.09	0.4274	P	0.5
8	☐	1000.000	1007.646	9800923.83	0.8808	A	0.8
9	☐			46067.17	0.0043	P	5.8

$$y = 8.7412\text{E-}004 * x + 3.4749\text{E-}005$$

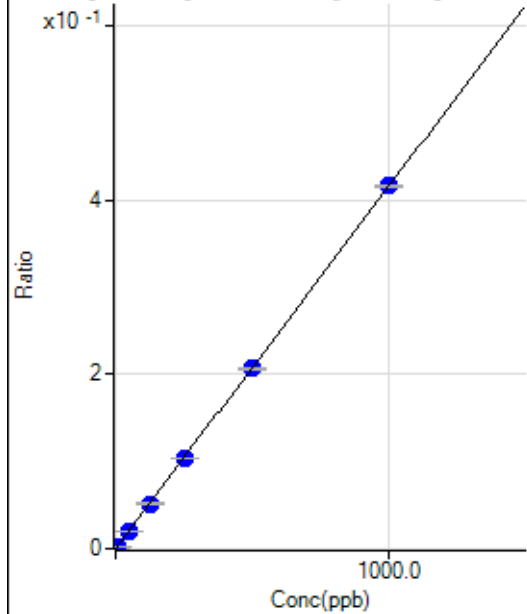
$$R = 0.9999$$

$$DL = 0.009422$$

$$BEC = 0.03975$$

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	197.23	0.0000	P	20.5
2	☐	0.500					
3	☐	5.000	4.543	21514.17	0.0019	P	2.2
4	☐	50.000	48.942	232708.55	0.0203	P	0.4
5	☐	125.000	124.246	592235.76	0.0516	P	1.1
6	☐	250.000	248.282	1178165.26	0.1031	P	0.4
7	☐	500.000	496.997	2325090.29	0.2065	P	0.4
8	☐	1000.000	1002.081	4631681.44	0.4163	P	0.5
9	☐			24174.13	0.0023	P	3.3

$$y = 4.1537\text{E-}004 * x + 1.7236\text{E-}005$$

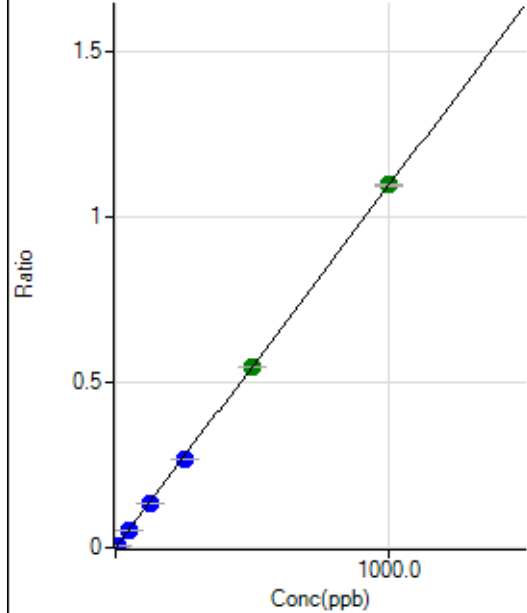
$$R = 1.0000$$

$$DL = 0.02555$$

$$BEC = 0.04149$$

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	475.03	0.0000	P	4.0
2	☐	0.500					
3	☐	5.000	4.268	53194.83	0.0047	P	2.6
4	☐	50.000	48.366	605355.16	0.0529	P	0.5
5	☐	125.000	121.880	1529346.41	0.1333	P	0.8
6	☐	250.000	244.730	3057106.45	0.2676	P	0.6
7	☐	500.000	498.349	6137496.10	0.5450	A	0.4
8	☐	1000.000	1002.618	12199321.72	1.0964	A	0.4
9	☐			60928.57	0.0057	P	4.7

$$y = 0.0011 * x + 4.1547E-005$$

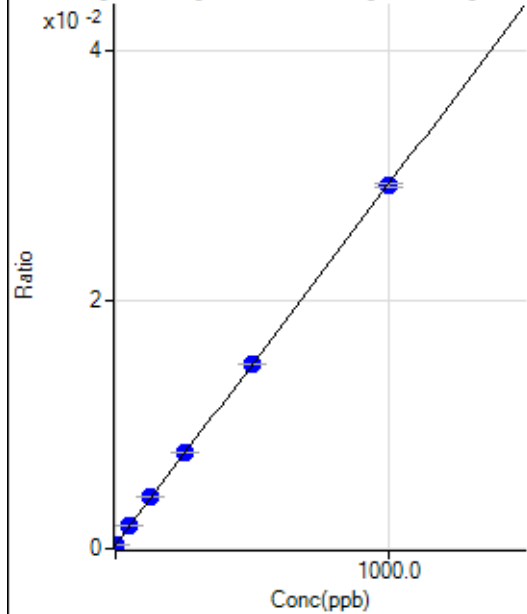
$$R = 1.0000$$

$$DL = 0.004517$$

$$BEC = 0.038$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4934.43	0.0003	P	4.7
2	☐	0.100					
3	☐	1.000	0.335	5034.46	0.0003	P	3.8
4	☐	50.000	51.669	27964.72	0.0018	P	0.4
5	☐	125.000	131.434	63576.60	0.0041	P	1.2
6	☐	250.000	256.060	119301.85	0.0077	P	0.2
7	☐	500.000	503.113	226849.89	0.0149	P	0.2
8	☐	1000.000	996.041	445190.46	0.0292	P	1.0
9	☐			4256.37	0.0003	P	2.9

$$y = 2.8943E-005 * x + 3.2301E-004$$

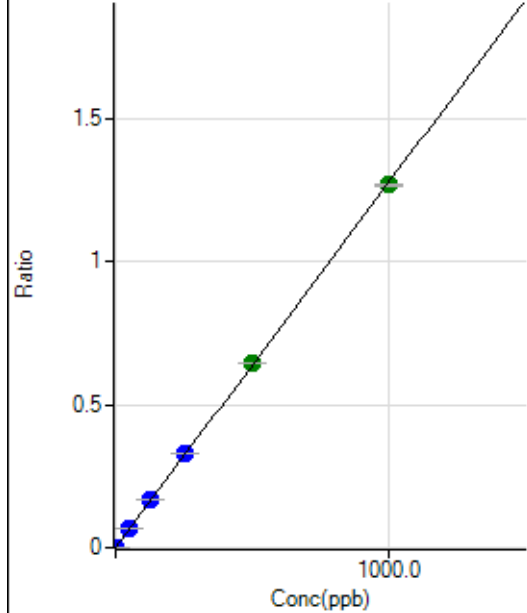
$$R = 1.0000$$

$$DL = 1.579$$

$$BEC = 11.16$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	663.94	0.0000	P	5.5
2	☐	0.100					
3	☐	1.000	1.246	24702.93	0.0016	P	1.4
4	☐	50.000	52.060	1021606.82	0.0664	P	0.6
5	☐	125.000	130.108	2556619.89	0.1660	P	0.1
6	☐	250.000	257.104	5058211.79	0.3279	P	0.3
7	☐	500.000	506.594	9846538.15	0.6461	A	0.3
8	☐	1000.000	994.185	19362849.21	1.2679	A	0.3
9	☐			3161.61	0.0002	P	5.8

$$y = 0.0013 * x + 4.3463E-005$$

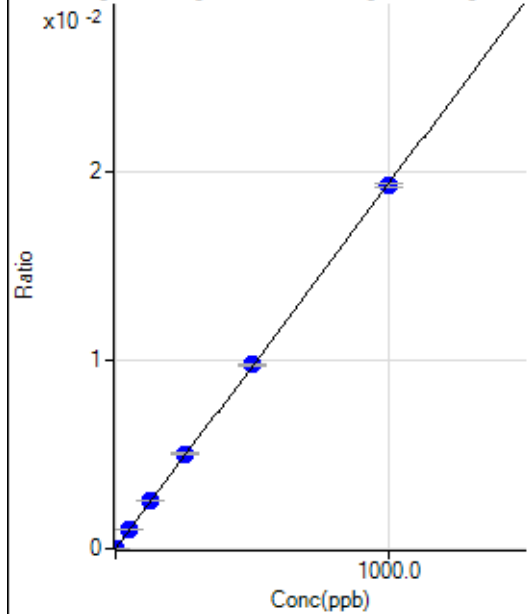
$$R = 0.9999$$

$$DL = 0.005617$$

$$BEC = 0.03408$$

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	19.45	0.0000	P	87.0
2	☐	0.100					
3	☐	1.000	0.854	269.45	0.0000	P	4.6
4	☐	50.000	52.556	15670.00	0.0010	P	0.4
5	☐	125.000	129.543	38661.27	0.0025	P	0.2
6	☐	250.000	260.479	77822.02	0.0050	P	1.7
7	☐	500.000	504.269	148825.50	0.0098	P	1.3
8	☐	1000.000	994.550	294123.10	0.0193	P	0.9
9	☐			91.67	0.0000	P	27.6

$$y = 1.9364E-005 * x + 1.2762E-006$$

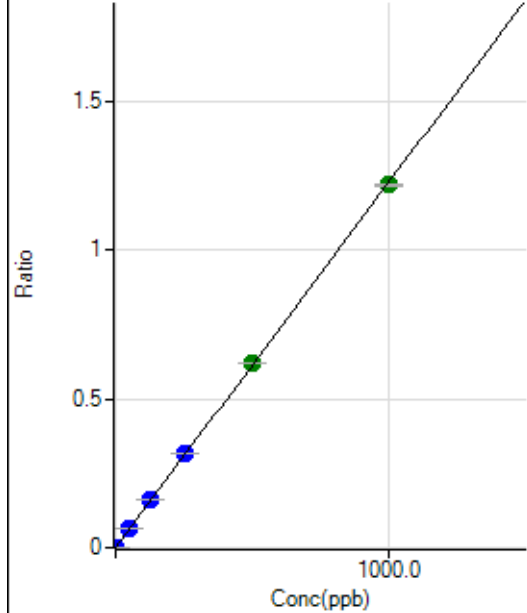
$$R = 0.9999$$

$$DL = 0.1719$$

$$BEC = 0.06591$$

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	516.70	0.0000	P	10.4
2	☐	0.100					
3	☐	1.000	1.243	23567.65	0.0016	P	0.6
4	☐	50.000	51.925	979418.44	0.0637	P	1.6
5	☐	125.000	130.155	2458565.27	0.1596	P	0.8
6	☐	250.000	257.483	4869782.83	0.3157	P	0.5
7	☐	500.000	506.779	9469178.42	0.6213	A	0.5
8	☐	1000.000	993.999	18610986.87	1.2187	A	0.5
9	☐			2844.86	0.0002	P	4.0

$$y = 0.0012 * x + 3.3828E-005$$

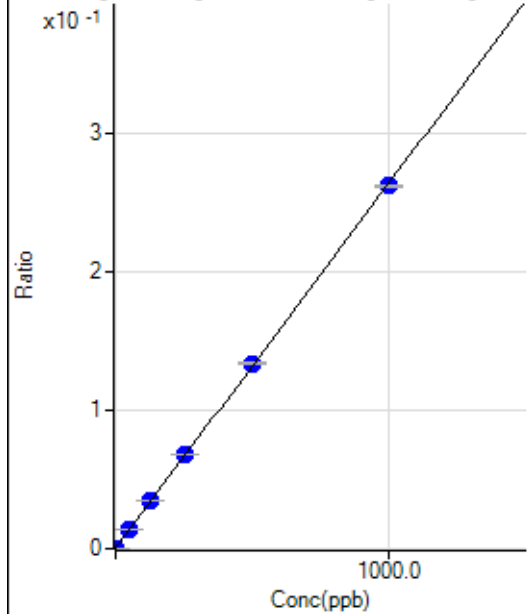
$$R = 0.9999$$

$$DL = 0.008646$$

$$BEC = 0.02759$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3464.10	0.0002	P	4.4
2	☐	0.100					
3	☐	1.000	0.905	7036.06	0.0005	P	2.1
4	☐	50.000	52.281	215044.08	0.0140	P	1.1
5	☐	125.000	130.187	531206.26	0.0345	P	0.7
6	☐	250.000	257.411	1048316.77	0.0680	P	0.1
7	☐	500.000	506.689	2035383.42	0.1336	P	0.5
8	☐	1000.000	994.041	3998065.08	0.2618	P	0.6
9	☐			3698.66	0.0003	P	2.3

$$y = 2.6314E-004 * x + 2.2676E-004$$

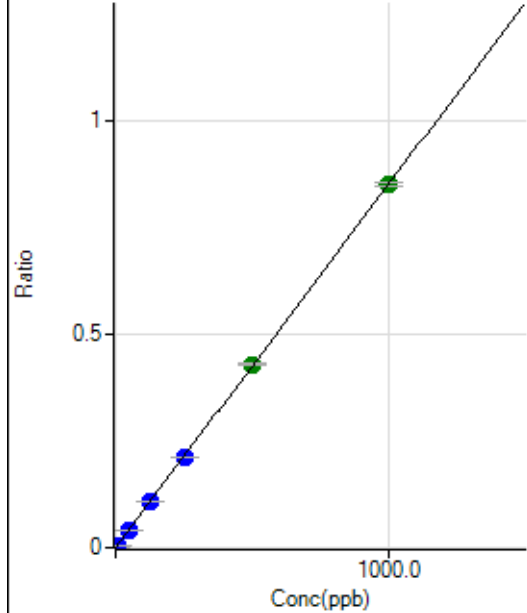
$$R = 0.9999$$

$$DL = 0.1131$$

$$BEC = 0.8617$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1255.66	0.0001	P	8.9
2	☐	0.500					
3	☐	5.000	4.439	58458.73	0.0039	P	2.5
4	☐	50.000	49.844	654229.59	0.0425	P	0.9
5	☐	125.000	125.433	1647344.66	0.1069	P	0.6
6	☐	250.000	249.536	3280355.28	0.2127	P	0.7
7	☐	500.000	503.180	6534148.76	0.4287	A	1.0
8	☐	1000.000	998.483	12991372.25	0.8507	A	1.1
9	☐			14914.13	0.0010	P	8.1

$$y = 8.5190\text{E-}004 * x + 8.2188\text{E-}005$$

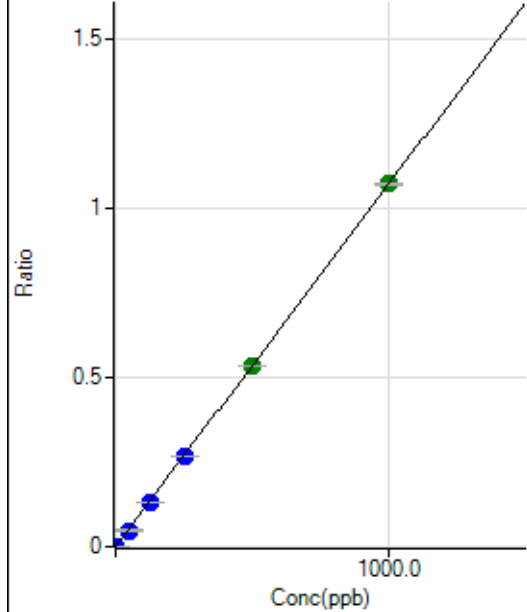
$$R = 1.0000$$

$$DL = 0.02565$$

$$BEC = 0.09648$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	391.69	0.0000	P	11.8
2	☐	0.200					
3	☐	2.000	1.843	30239.07	0.0020	P	2.0
4	☐	50.000	44.811	738105.01	0.0480	P	1.7
5	☐	125.000	121.306	2001003.95	0.1299	P	1.1
6	☐	250.000	248.114	4097841.37	0.2657	P	0.5
7	☐	500.000	499.602	8152129.70	0.5349	A	0.7
8	☐	1000.000	1001.392	16373189.43	1.0721	A	0.7
9	☐			67552.59	0.0047	P	4.9

$$y = 0.0011 * x + 2.5637\text{E-}005$$

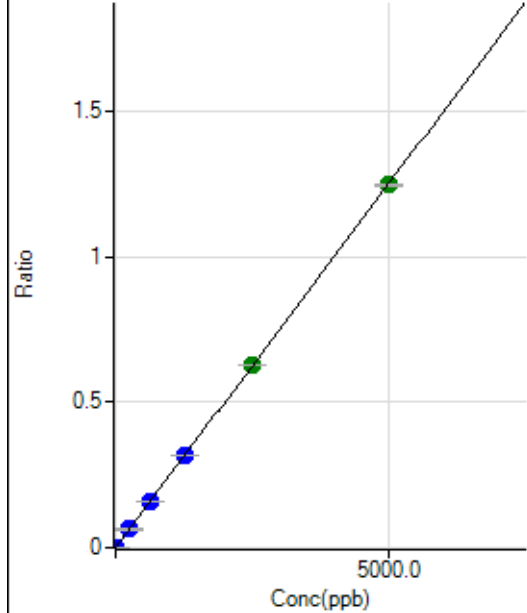
$$R = 1.0000$$

$$DL = 0.008497$$

$$BEC = 0.02395$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	29.1
2	☐	1.000					
3	☐	10.000	9.110	34599.63	0.0023	P	1.8
4	☐	250.000	251.543	968289.48	0.0630	P	0.7
5	☐	625.000	631.161	2433632.26	0.1580	P	0.8
6	☐	1250.000	1268.934	4899253.45	0.3176	P	0.1
7	☐	2500.000	2512.071	9582144.14	0.6288	A	0.9
8	☐	5000.000	4988.385	19067977.86	1.2486	A	0.2
9	☐			7571.81	0.0005	P	3.3

$$y = 2.5029\text{E-}004 * x + 6.5492\text{E-}006$$

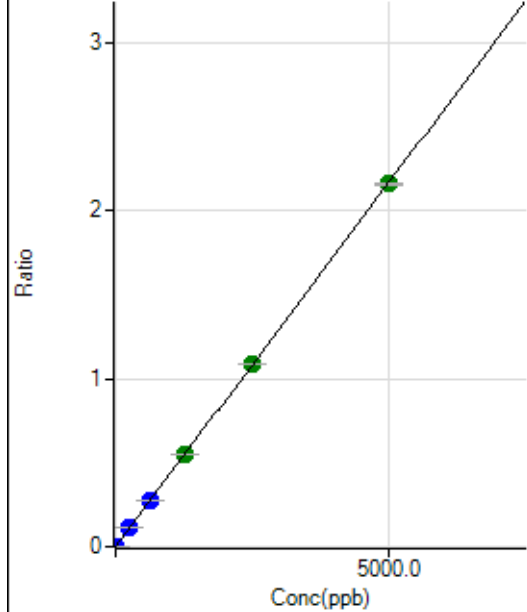
$$R = 1.0000$$

$$DL = 0.02284$$

$$BEC = 0.02617$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.68	0.0000	P	19.9
2	☐	1.000					
3	☐	10.000	8.976	59048.83	0.0039	P	1.8
4	☐	250.000	252.385	1682049.17	0.1094	P	0.6
5	☐	625.000	636.675	4250249.14	0.2759	P	0.7
6	☐	1250.000	1264.060	8449636.30	0.5478	A	0.6
7	☐	2500.000	2513.716	16601462.70	1.0893	A	0.5
8	☐	5000.000	4988.051	33010439.28	2.1615	A	0.4
9	☐			13712.86	0.0010	P	2.8

$$y = 4.3334\text{E-}004 * x + 1.2546\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01728$$

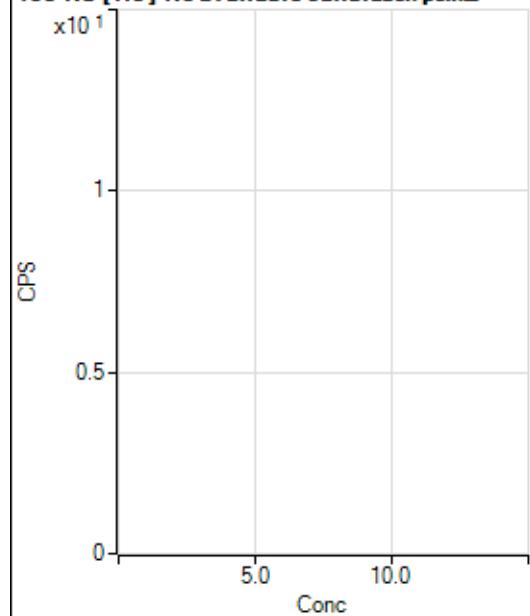
$$BEC = 0.02895$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

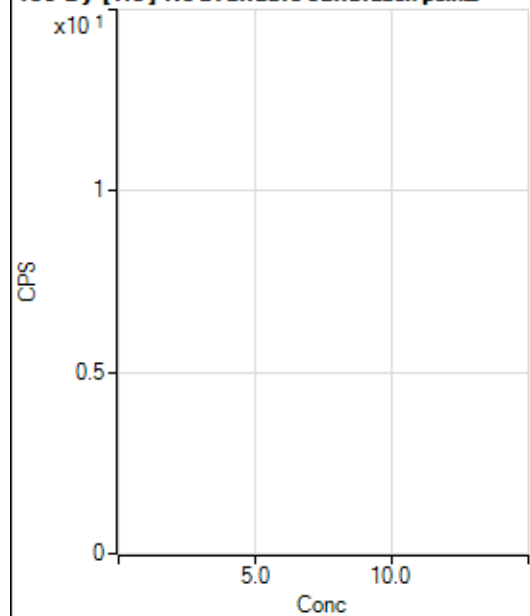
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			8.89		P	173.2
4	☐			84.45		P	9.1
5	☐			166.67		P	4.0
6	☐			353.35		P	11.8
7	☐			635.60		P	11.2
8	☐			1217.88		P	1.7
9	☐			213.35		P	8.3

150 Nd [He] No available calibration points

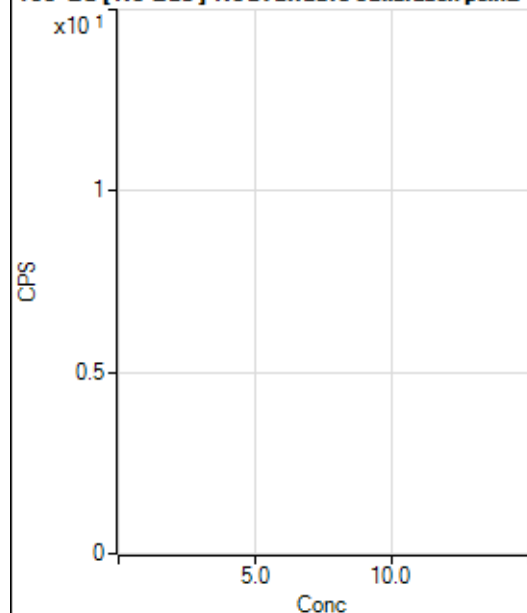
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			7.78		P	24.7
5	☐			10.00		P	57.8
6	☐			44.45		P	15.6
7	☐			76.67		P	15.7
8	☐			100.00		P	0.0
9	☐			82.22		P	8.4

156 Dy [No Gas] No available calibration points

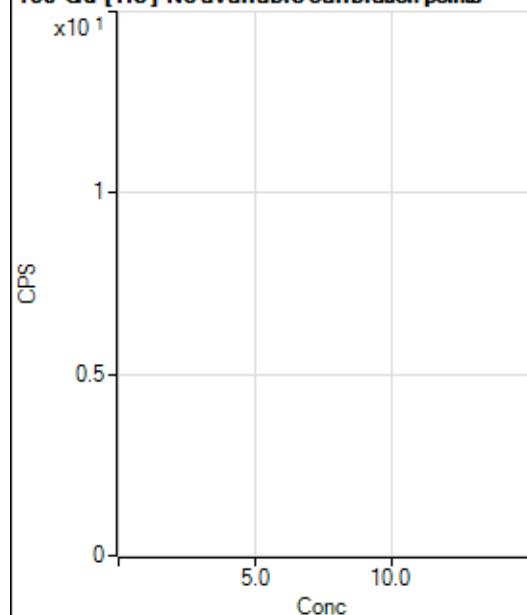
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	45.8
2	☐						
3	☐			30.55		P	15.7
4	☐			25.00		P	66.7
5	☐			100.00		P	8.3
6	☐			141.67		P	17.6
7	☐			194.45		P	32.2
8	☐			355.58		P	7.2
9	☐			338.91		P	29.3

156 Dy [He] No available calibration points

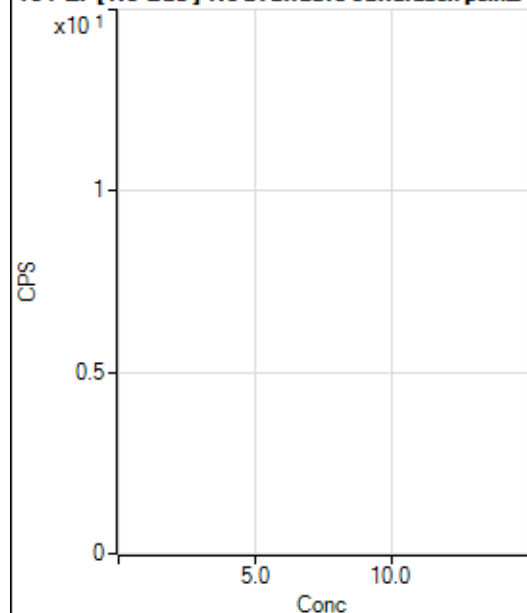
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			5.56		P	34.7
4	☐			8.89		P	57.3
5	☐			21.11		P	32.9
6	☐			42.22		P	31.9
7	☐			72.22		P	27.0
8	☐			104.45		P	13.3
9	☐			100.00		P	20.8

160 Gd [No Gas] Noavailable calibration poin_

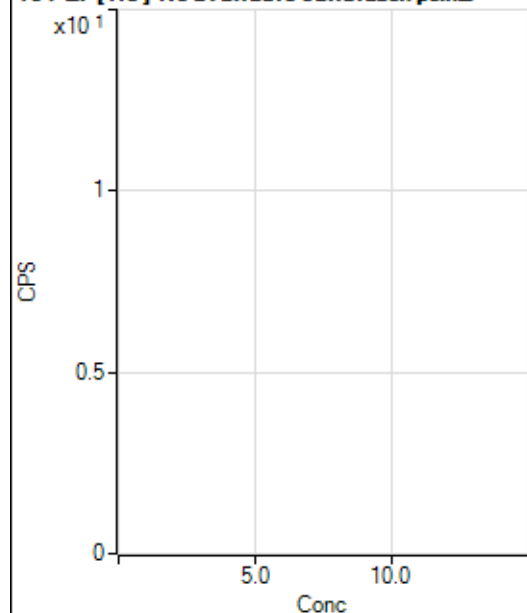
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			127.79		P	37.1
2	☐						
3	☐			144.45		P	8.8
4	☐			161.12		P	10.8
5	☐			202.79		P	19.4
6	☐			222.24		P	20.7
7	☐			222.23		P	11.5
8	☐			280.57		P	18.9
9	☐			313.91		P	10.7

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	24.6
2	☐						
3	☐			65.56		P	22.9
4	☐			65.56		P	14.7
5	☐			81.11		P	27.4
6	☐			84.45		P	33.6
7	☐			86.67		P	10.2
8	☐			148.89		P	18.6
9	☐			162.23		P	5.2

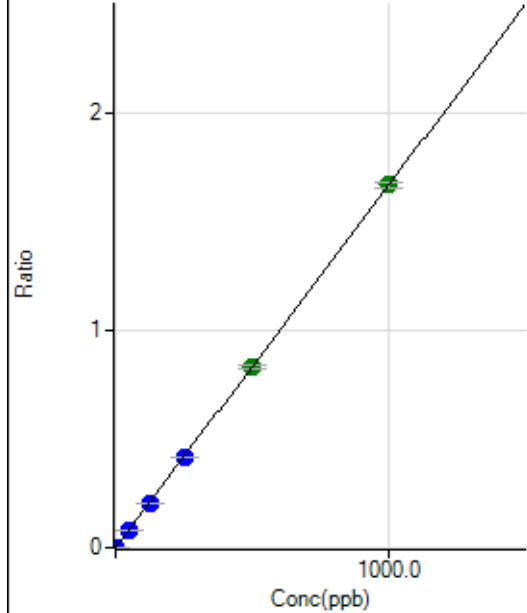
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	16.7
2	☐						
3	☐			77.78		P	6.2
4	☐			52.78		P	18.2
5	☐			55.56		P	22.9
6	☐			55.56		P	52.7
7	☐			83.34		P	62.4
8	☐			88.89		P	28.6
9	☐			100.00		P	33.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	28.6
2	☐						
3	☐			42.22		P	27.7
4	☐			18.89		P	27.0
5	☐			33.33		P	17.3
6	☐			30.00		P	33.3
7	☐			37.78		P	27.0
8	☐			48.89		P	17.2
9	☐			62.22		P	17.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	372.25	0.0000	P	10.6
2	☐	0.100					
3	☐	1.000	0.882	15665.42	0.0015	P	2.3
4	☐	50.000	48.243	855776.65	0.0805	P	0.2
5	☐	125.000	123.770	2180865.48	0.2064	P	0.6
6	☐	250.000	247.323	4371086.16	0.4125	P	0.3
7	☐	500.000	498.436	8614952.88	0.8313	A	1.4
8	☐	1000.000	1001.693	17004246.56	1.6706	A	1.5
9	☐			6565.78	0.0007	P	4.7

$$y = 0.0017 * x + 3.5049E-005$$

$$R = 1.0000$$

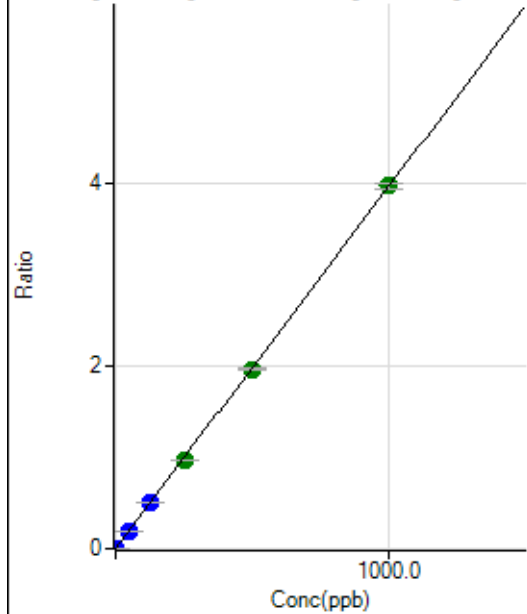
$$DL = 0.006681$$

$$BEC = 0.02102$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	833.40	0.0001	P	16.2
2	☐	0.100					
3	☐	1.000	0.896	37659.72	0.0036	P	0.3
4	☐	50.000	49.184	2067100.76	0.1944	P	1.0
5	☐	125.000	126.532	5282710.02	0.5001	P	0.8
6	☐	250.000	246.227	10311254.31	0.9731	A	0.7
7	☐	500.000	496.293	20323880.49	1.9612	A	1.2
8	☐	1000.000	1002.646	40328793.26	3.9621	A	1.3
9	☐			15551.35	0.0017	P	5.0

$$y = 0.0040 * x + 7.8476E-005$$

$$R = 1.0000$$

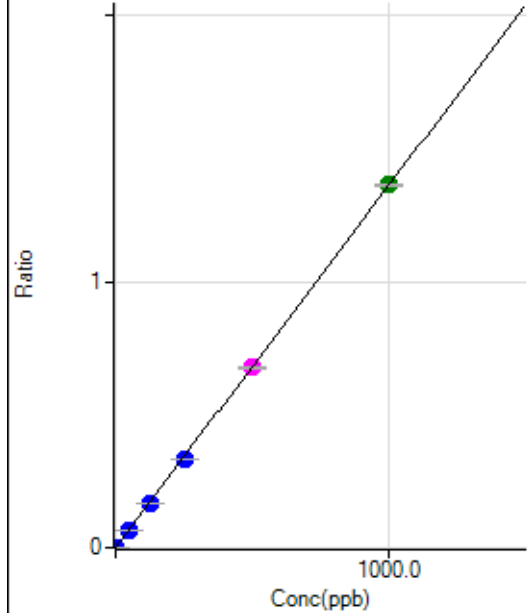
$$DL = 0.009648$$

$$BEC = 0.01986$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2628.13	0.0002	P	3.6
2	☐	0.100					
3	☐	1.000	0.936	15806.08	0.0015	P	1.8
4	☐	50.000	47.820	693084.30	0.0652	P	1.2
5	☐	125.000	122.352	1757953.82	0.1664	P	0.4
6	☐	250.000	243.493	3506782.46	0.3309	P	0.1
7	☐	500.000	497.973	7010994.89	0.6765	M	1.3
8	☐	1000.000	1003.080	13868945.33	1.3625	A	0.8
9	☐			27296.96	0.0030	P	0.3

$$y = 0.0014 * x + 2.4746E-004$$

$$R = 1.0000$$

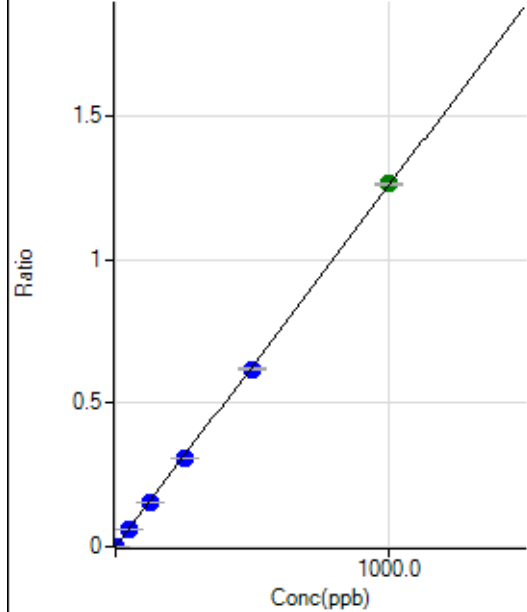
$$DL = 0.0197$$

$$BEC = 0.1822$$

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	2361.40	0.0002	P	5.8
2	☐	0.100					
3	☐	1.000	0.907	14154.21	0.0014	P	2.3
4	☐	50.000	48.107	644163.52	0.0606	P	0.6
5	☐	125.000	122.073	1620495.21	0.1534	P	0.3
6	☐	250.000	244.615	3254975.83	0.3072	P	0.3
7	☐	500.000	491.919	6399105.76	0.6175	P	0.6
8	☐	1000.000	1005.847	12849745.66	1.2624	A	0.2
9	☐			23845.91	0.0027	P	1.7

$$y = 0.0013 * x + 2.2233E-004$$

$$R = 0.9999$$

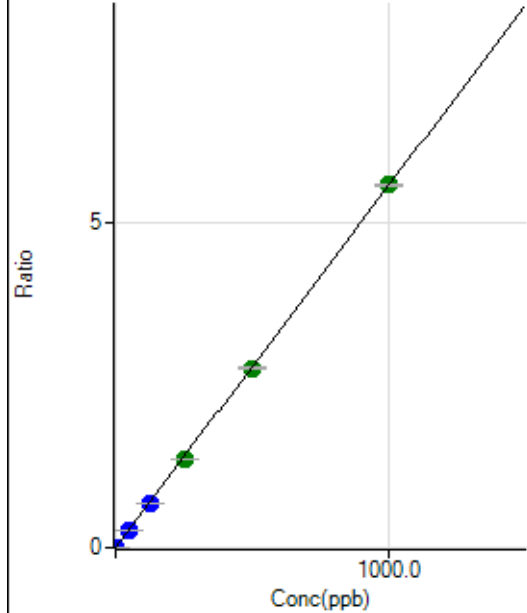
$$DL = 0.03071$$

$$BEC = 0.1772$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10577.92	0.0010	P	2.5
2	☐	0.100					
3	☐	1.000	0.929	64004.42	0.0061	P	1.7
4	☐	50.000	48.652	2880800.91	0.2710	P	0.6
5	☐	125.000	123.791	7266863.26	0.6879	P	0.2
6	☐	250.000	245.983	14474320.96	1.3659	A	0.2
7	☐	500.000	496.582	28565452.38	2.7565	A	0.8
8	☐	1000.000	1002.932	56657850.46	5.5662	A	0.4
9	☐			109515.51	0.0122	P	0.0

$$y = 0.0055 * x + 9.9596E-004$$

$$R = 1.0000$$

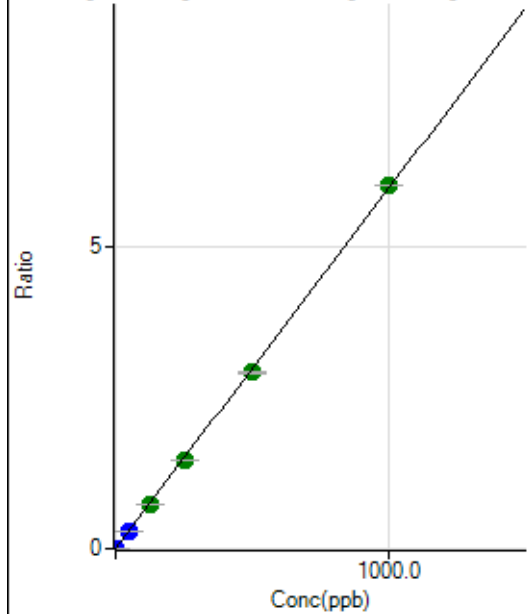
$$DL = 0.01322$$

$$BEC = 0.1795$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	538.93	0.0001	P	10.5
2	☐	0.100					
3	☐	1.000	0.867	54464.79	0.0052	P	0.6
4	☐	50.000	48.372	3074351.87	0.2892	P	1.1
5	☐	125.000	121.328	7661399.13	0.7252	A	0.7
6	☐	250.000	243.780	15441041.66	1.4572	A	0.5
7	☐	500.000	490.018	30352435.75	2.9290	A	1.0
8	☐	1000.000	1007.086	61273216.65	6.0196	A	0.1
9	☐			12823.54	0.0014	P	5.0

$$y = 0.0060 * x + 5.0742E-005$$

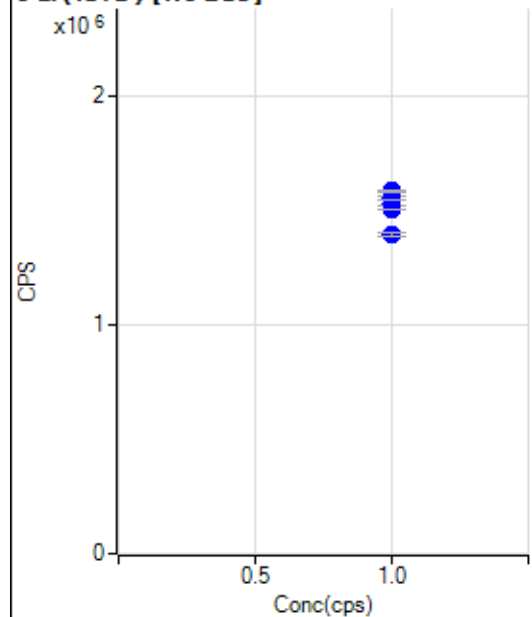
$$R = 0.9999$$

$$DL = 0.002675$$

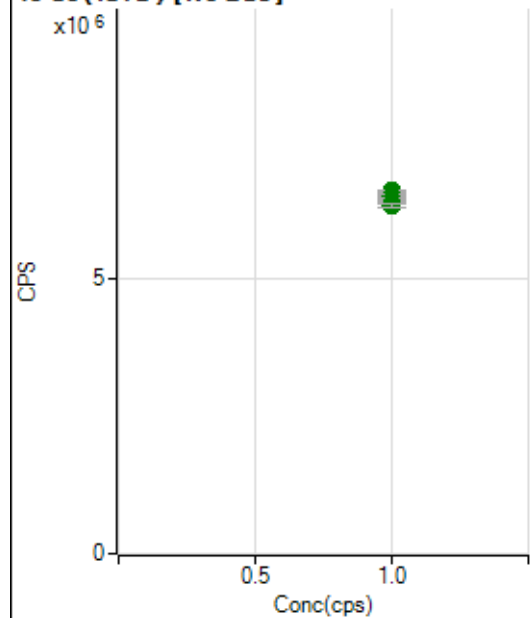
$$BEC = 0.008489$$

Weight: <None>

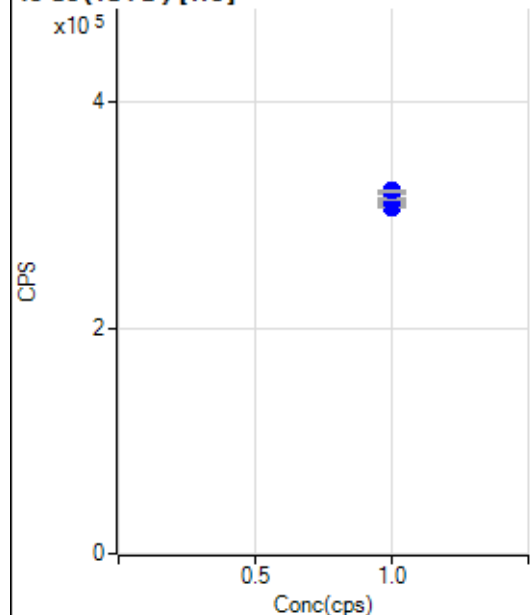
Min Conc: 0

6 Li (ISTD) [No Gas]

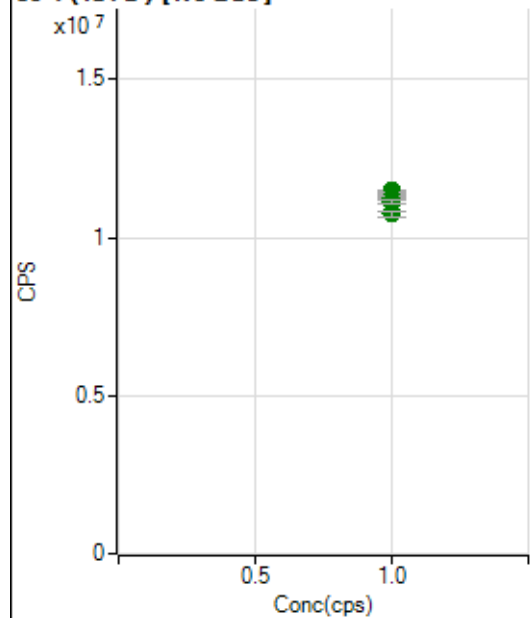
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1588608.59		P	0.2
2	☐	1.000					
3	☐	1.000		1559970.65		P	1.2
4	☐	1.000		1581656.31		P	0.1
5	☐	1.000		1584468.38		P	0.5
6	☐	1.000		1584676.33		P	0.5
7	☐	1.000		1536531.68		P	1.1
8	☐	1.000		1506422.45		P	0.2
9	☐	1.000		1399328.28		P	1.0

45 Sc (ISTD) [No Gas]

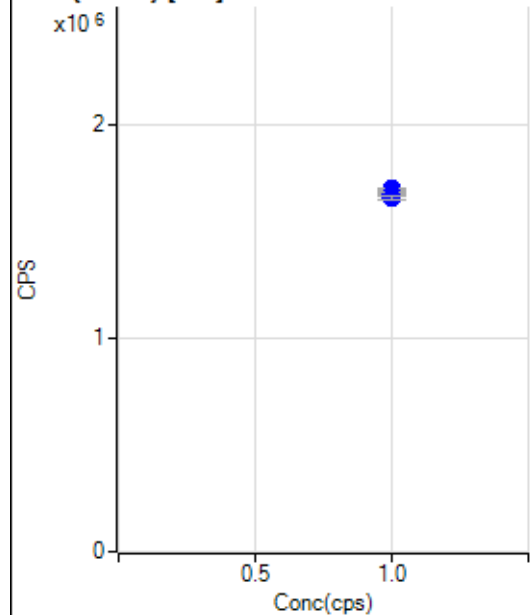
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6584582.53		A	0.3
2	☐	1.000					
3	☐	1.000		6544810.56		A	1.5
4	☐	1.000		6589003.36		A	0.9
5	☐	1.000		6568963.51		A	0.6
6	☐	1.000		6506694.42		A	0.9
7	☐	1.000		6435636.91		A	0.8
8	☐	1.000		6366746.67		A	0.3
9	☐	1.000		6324150.92		A	1.3

45 Sc (ISTD) [He]

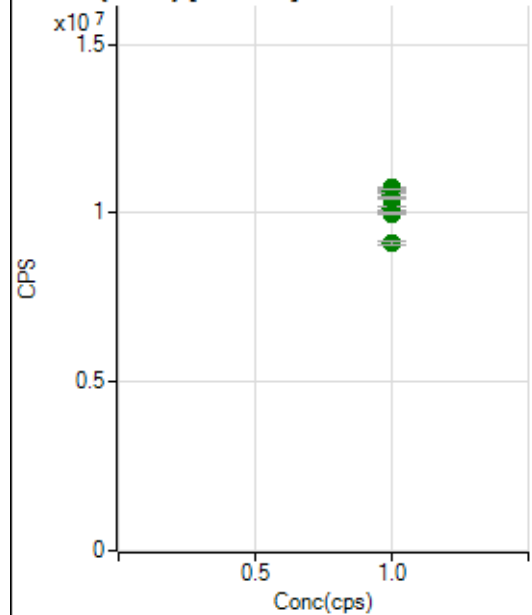
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		318737.34		P	0.8
2	☐	1.000					
3	☐	1.000		313848.40		P	0.7
4	☐	1.000		314493.89		P	0.8
5	☐	1.000		307010.76		P	0.5
6	☐	1.000		311496.36		P	0.3
7	☐	1.000		310863.18		P	0.3
8	☐	1.000		313779.94		P	0.4
9	☐	1.000		321209.26		P	0.2

89 Y (ISTD) [No Gas]

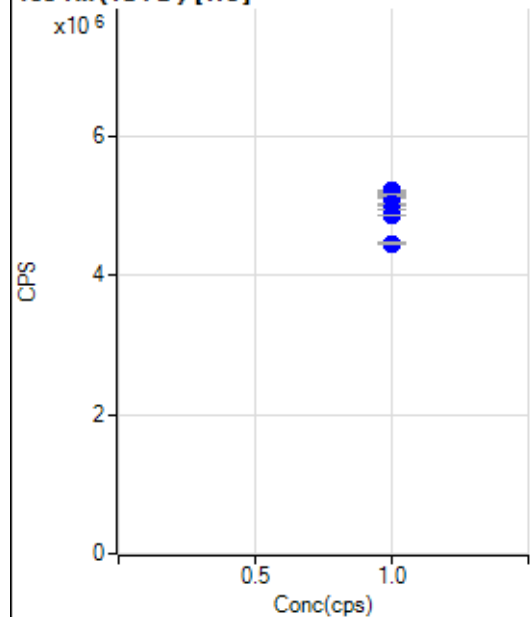
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11431616.22		A	0.7
2	☐	1.000					
3	☐	1.000		11298733.30		A	1.1
4	☐	1.000		11437438.44		A	0.5
5	☐	1.000		11472271.77		A	0.8
6	☐	1.000		11422241.64		A	0.2
7	☐	1.000		11262141.64		A	1.0
8	☐	1.000		11127215.25		A	0.6
9	☐	1.000		10733219.84		A	1.3

89 Y(ISTD) [He]

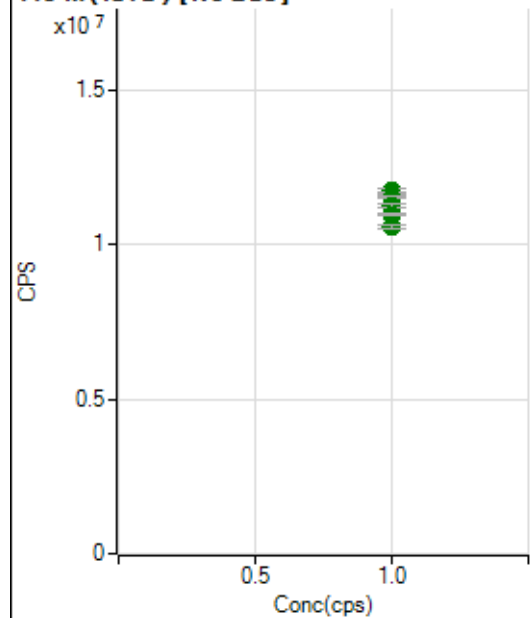
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1701763.27		P	0.3
2	☐	1.000					
3	☐	1.000		1679510.69		P	0.2
4	☐	1.000		1696614.83		P	0.5
5	☐	1.000		1658842.48		P	0.7
6	☐	1.000		1674700.25		P	0.6
7	☐	1.000		1667222.08		P	0.2
8	☐	1.000		1677490.90		P	0.6
9	☐	1.000		1660535.76		P	0.9

103 Rh(ISTD) [No Gas]

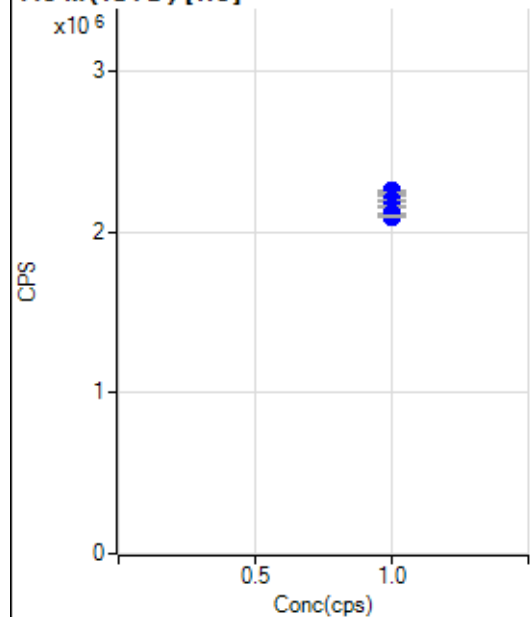
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10745481.06		A	0.6
2	☐	1.000					
3	☐	1.000		10550028.79		A	1.9
4	☐	1.000		10687264.21		A	0.3
5	☐	1.000		10655119.16		A	0.8
6	☐	1.000		10432850.58		A	0.5
7	☐	1.000		10158929.22		A	1.2
8	☐	1.000		9983645.36		A	0.6
9	☐	1.000		9112169.39		A	1.4

103 Rh (ISTD) [He]

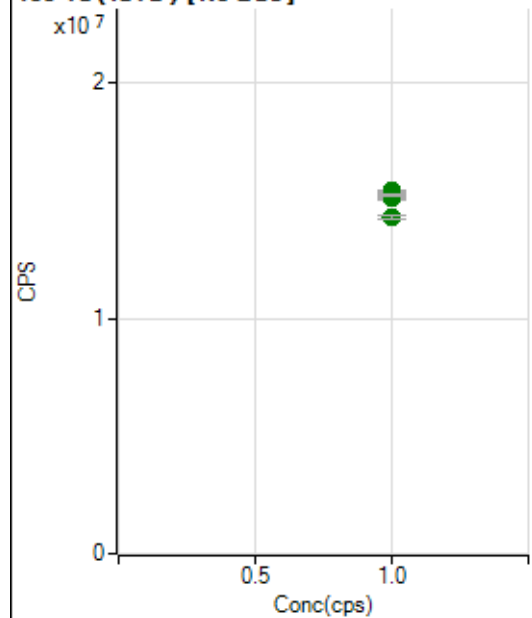
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5207478.26		P	0.4
2	☐	1.000					
3	☐	1.000		5127664.75		P	0.7
4	☐	1.000		5151547.22		P	0.3
5	☐	1.000		5012585.34		P	0.4
6	☐	1.000		5026316.69		P	0.3
7	☐	1.000		4936163.96		P	0.4
8	☐	1.000		4858098.82		P	0.4
9	☐	1.000		4456671.15		P	0.7

115 In (ISTD) [No Gas]

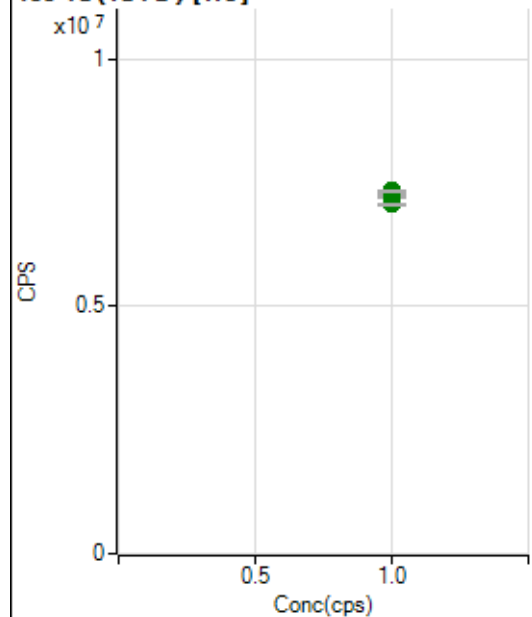
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11733928.80		A	1.2
2	☐	1.000					
3	☐	1.000		11586491.81		A	1.2
4	☐	1.000		11652868.10		A	0.7
5	☐	1.000		11651987.75		A	0.9
6	☐	1.000		11536198.30		A	0.5
7	☐	1.000		11275837.80		A	0.9
8	☐	1.000		10953129.28		A	0.5
9	☐	1.000		10574936.30		A	1.6

115 In (ISTD) [He]

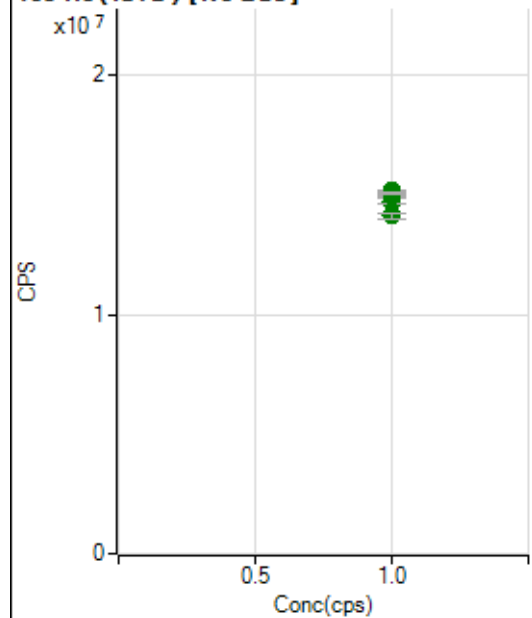
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2257451.93		P	0.2
2	☐	1.000					
3	☐	1.000		2223940.79		P	0.3
4	☐	1.000		2245445.57		P	0.2
5	☐	1.000		2191763.88		P	0.4
6	☐	1.000		2201172.83		P	0.3
7	☐	1.000		2157397.31		P	0.3
8	☐	1.000		2116686.15		P	0.5
9	☐	1.000		2097548.78		P	0.8

159 Tb (ISTD) [No Gas]

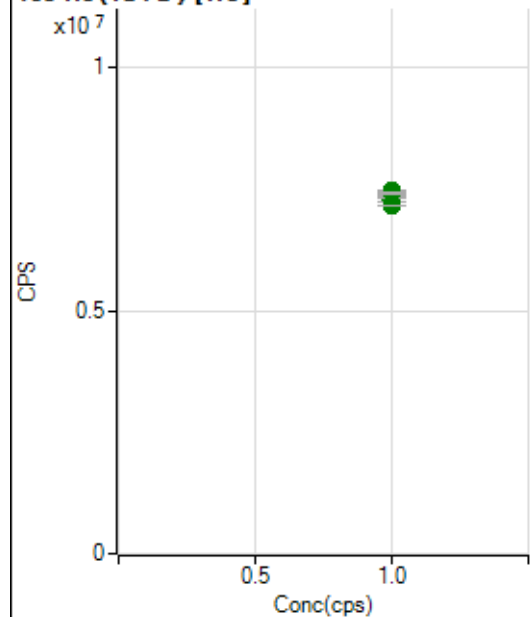
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15278372.69		A	0.5
2	☐	1.000					
3	☐	1.000		15131098.94		A	0.8
4	☐	1.000		15378280.19		A	0.7
5	☐	1.000		15404619.91		A	0.3
6	☐	1.000		15425234.77		A	0.1
7	☐	1.000		15240750.46		A	1.5
8	☐	1.000		15271809.91		A	0.3
9	☐	1.000		14304959.79		A	1.0

159 Tb (ISTD) [He]

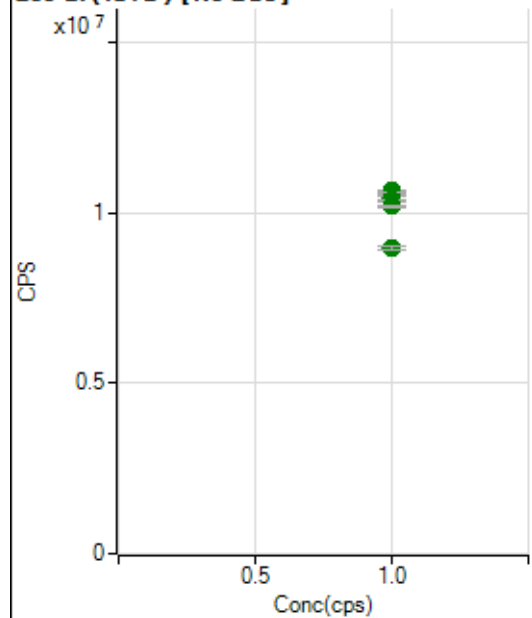
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7307345.03		A	0.5
2	☐	1.000					
3	☐	1.000		7179346.63		A	0.1
4	☐	1.000		7282851.21		A	0.6
5	☐	1.000		7238464.20		A	0.5
6	☐	1.000		7315239.82		A	0.3
7	☐	1.000		7291251.70		A	0.1
8	☐	1.000		7330249.20		A	0.2
9	☐	1.000		7060341.98		A	0.5

165 Ho (ISTD) [No Gas]

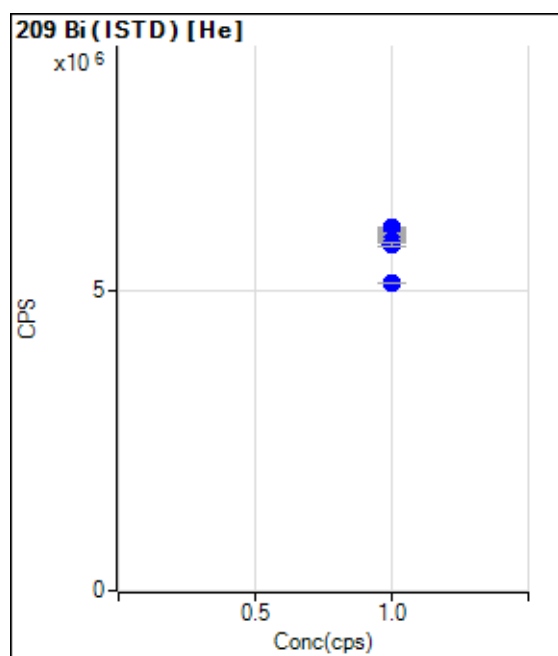
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14981429.50		A	0.3
2	☐	1.000					
3	☐	1.000		14747724.46		A	1.6
4	☐	1.000		14958178.46		A	0.2
5	☐	1.000		15171229.16		A	0.3
6	☐	1.000		15110424.99		A	0.3
7	☐	1.000		15067949.81		A	0.8
8	☐	1.000		15046038.53		A	0.6
9	☐	1.000		14128914.55		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7425550.72		A	0.7
2	☐	1.000					
3	☐	1.000		7355708.92		A	0.8
4	☐	1.000		7372985.38		A	0.5
5	☐	1.000		7280969.41		A	0.8
6	☐	1.000		7450793.85		A	0.5
7	☐	1.000		7470359.06		A	0.6
8	☐	1.000		7431426.63		A	0.3
9	☐	1.000		7172718.85		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10620838.10		A	0.1
2	☐	1.000					
3	☐	1.000		10408053.73		A	1.2
4	☐	1.000		10632041.85		A	0.8
5	☐	1.000		10563741.72		A	0.3
6	☐	1.000		10596572.90		A	0.3
7	☐	1.000		10362920.33		A	0.6
8	☐	1.000		10179009.50		A	0.4
9	☐	1.000		8952818.83		A	1.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6044521.23		P	0.2
2	☐	1.000					
3	☐	1.000		5889146.65		P	0.6
4	☐	1.000		5992116.37		P	0.3
5	☐	1.000		5872914.50		P	0.6
6	☐	1.000		5930774.63		P	0.6
7	☐	1.000		5845261.02		P	0.8
8	☐	1.000		5768423.38		P	0.9
9	☐	1.000		5119197.87		P	0.2

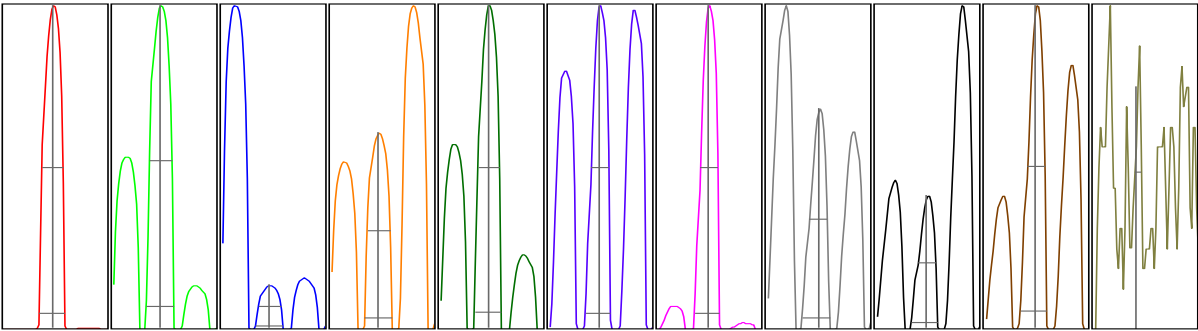
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7052317-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	97596	0.80	5.00		
24	1533695	0.42	5.00		
25	208426	0.16	5.00		
26	246336	0.64	5.00		
59	1122475	0.74	5.00		
113	159973	0.60	5.00		
115	2169543	0.85	5.00		
206	459984	0.50	5.00		
207	410462	0.61	5.00		
208	990491	0.49	5.00		
220	5	34.40			

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	98046	98412	97998	96861	96664
24	1536865	1539273	1538849	1527276	1526212
25	208381	208435	208969	208041	208303
26	246883	246340	248549	245600	244306
59	1119814	1128298	1133166	1118844	1112251
113	160633	160173	160868	159764	158426
115	2169609	2195264	2178657	2154467	2149720
206	459199	463075	461654	457698	458295
207	406094	412007	410905	411292	412013
208	991967	998284	987740	986606	987859
220	7	8	5	4	4

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	17025	8.95	8.9 - 9.1		0.739	0.900	
24	248044	23.90	23.9 - 24.1		0.803	0.900	
25	33548	24.90	24.9 - 25.1		0.789	0.900	
26	39255	25.90	25.9 - 26.1		0.787	0.900	
59	190166	58.95	58.9 - 59.1		0.783	0.900	
113	30713	113.00	112.9 - 113.1		0.728	0.900	
115	418582	115.00	114.9 - 115.1		0.725	0.900	
206	88386	206.05	205.9 - 206.1		0.811	0.900	
207	79314	207.00	206.9 - 207.1		0.767	0.900	
208	192241	208.00	207.9 - 208.1		0.767	0.900	
220	1	219.75	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.6	V			
Extract 2	-200.0	V	Cell Entrance	-30	V			
Omega Bias	-95	V	Cell Exit	-50	V			
Deflect	13.8	V						

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	false		OctP Bias	-8.0	V			
He Flow	0.0	mL/min	OctP RF	190	V			
Energy Discrimination	5.0	V						

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	307877	0.34	
89	77200	0.38	
205	403685	0.11	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	307044	308201	307006	309508	307627
89	77015	77088	76988	77700	77207
205	404281	403529	404011	403343	403261

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.8	V			
Extract 2	-190.0	V	Cell Entrance	-40	V			
Omega Bias	-85	V	Cell Exit	-60	V			
Deflect	2.0	V						

Cell Parameters

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

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:15:48	DataFile Name :	003CALB_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	-0.03	-0.07	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.31	0.19	0.11	0.00	N/A	ppb
Boron	11-1	0.16	-0.06	-0.10	0.00	N/A	ppb
Cadmium	111-1	0.03	0.01	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.44	0.15	-0.58	0.00	N/A	ppb
Cadmium	108-1	0.06	-0.01	-0.05	0.00	N/A	ppb
Calcium	43-1	-1.40	2.27	-0.87	0.00	N/A	ppb
Calcium	44-1	-0.24	0.56	-0.32	0.00	N/A	ppb
Chromium	52-2	0.00	-0.01	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.02	0.02	-0.04	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	-0.05	0.03	0.02	0.00	N/A	ppb
Iron	57-2	-0.16	0.26	-0.10	0.00	N/A	ppb
Lead	206-1	0.00	-0.01	0.01	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	0.00	0.04	-0.04	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	N/A	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:15:48	DataFile Name :	003CALB_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-12.45	1.75	-1.68	-4.13		ppb
Potassium	39-2	0.48	-1.50	1.02	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.36	-0.31	-0.06	0.00	N/A	ppb
Selenium	82-1	-0.39	0.14	0.25	0.00	N/A	ppb
Silicon	28-1	0.45	0.29	-0.74	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.41	-1.63	1.22	0.00	N/A	ppb
Strontium	86-1	0.03	0.01	-0.04	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	168.53	113.51	7.61	96.55	84.71	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	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.02	0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:15:48	DataFile Name :	003CALB_P7052317-MS

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

LB Number : LB87664 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P7
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-23 11:23:26 DataFile Name : 005CALS_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.68	16.23	18.15	18.02	9.58	ppb
Antimony	121-1	1.87	1.80	1.86	1.84	2.02	ppb
Arsenic	75-2	0.88	0.96	0.87	0.90	5.34	ppb
Barium	135-1	9.29	9.06	8.98	9.11	1.76	ppb
Barium	137-1	9.00	8.80	9.13	8.98	1.85	ppb
Beryllium	9-1	0.86	0.91	0.85	0.88	3.81	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	20.78	21.33	20.39	20.84	2.28	ppb
Boron	11-1	21.28	21.14	20.81	21.08	1.13	ppb
Cadmium	111-1	0.91	0.87	0.94	0.91	4.16	ppb
Cadmium	106-1	0.72	-0.14	0.42	0.34	129.53	ppb
Cadmium	108-1	0.89	0.86	0.81	0.85	4.96	ppb
Calcium	43-1	424.64	441.01	441.29	435.65	2.19	ppb
Calcium	44-1	441.62	437.86	436.47	438.65	0.61	ppb
Chromium	52-2	1.97	1.98	1.96	1.97	0.62	ppb
Cobalt	59-2	0.94	0.92	0.99	0.95	3.52	ppb
Copper	63-2	2.02	1.96	1.87	1.95	3.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	46.56	46.36	45.80	46.24	0.85	ppb
Iron	57-2	44.80	46.57	50.78	47.38	6.48	ppb
Lead	206-1	0.93	0.92	0.96	0.94	2.14	ppb
Lead	207-1	0.93	0.89	0.89	0.91	2.71	ppb
Lead	208-1	0.94	0.91	0.94	0.93	2.06	ppb
Lithium	6-1				98		%
Magnesium	24-2	462.35	464.87	452.86	460.03	1.38	ppb
Manganese	55-2	0.90	0.94	0.90	0.92	2.36	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:23:26	DataFile Name :	005CAL5_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.85	1.84	1.76	1.81	2.77	ppb
Molybdenum	95-1	4.38	4.36	4.28	4.34	1.19	ppb
Molybdenum	96-1	3.64	3.64	3.65	3.64	0.14	ppb
Molybdenum	97-1	4.43	4.61	4.58	4.54	2.19	ppb
Molybdenum	98-1	4.33	4.33	4.14	4.27	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	0.96	1.07	1.02	5.61	ppb
Phosphorus	31-2	7.35	1.31	3.72	4.13	73.66	ppb
Potassium	39-2	445.23	458.51	444.61	449.45	1.75	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	3.24	3.54	4.70	3.83	20.13	ppb
Selenium	78-2	4.09	5.27	4.90	4.75	12.68	ppb
Selenium	82-1	4.59	4.48	4.62	4.56	1.61	ppb
Silicon	28-1	9.98	10.67	9.42	10.02	6.25	ppb
Silver	109-1	1.25	1.23	1.25	1.24	0.63	ppb
Silver	107-1	1.23	1.25	1.26	1.25	1.43	ppb
Sodium	23-2	410.09	412.41	408.41	410.30	0.49	ppb
Strontium	86-1	0.91	0.92	0.94	0.92	1.65	ppb
Strontium	88-1	0.89	0.91	0.93	0.91	2.08	ppb
Sulfur	34-1	-52.31	15.37	-252.71	-96.55		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.90	0.86	0.88	0.88	2.37	ppb
Thallium	205-1	0.90	0.90	0.89	0.90	0.29	ppb
Tin	118-1	4.57	4.36	4.39	4.44	2.60	ppb
Titanium	47-1	4.60	4.41	4.41	4.48	2.42	ppb
Uranium	238-1	0.86	0.87	0.87	0.87	0.59	ppb
Vanadium	51-2	4.54	4.58	4.38	4.50	2.36	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	1.96	2.15	1.90	2.00	6.56	ppb
Zirconium	90-1	0.77	0.77	0.73	0.76	2.92	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:23:26	DataFile Name :	005CALS_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.69	0.77	0.71	0.72	5.52	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:27:16	DataFile Name :	006CAL5_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	972.03	967.01	964.51	967.85	0.40	ppb
Antimony	121-1	45.68	44.49	44.26	44.81	1.70	ppb
Arsenic	75-2	50.04	49.56	50.00	49.86	0.53	ppb
Barium	135-1	253.25	249.71	251.67	251.54	0.70	ppb
Barium	137-1	254.19	251.18	251.78	252.38	0.63	ppb
Beryllium	9-1	51.35	51.26	50.67	51.09	0.72	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	48.82	47.67	51.14	49.21	3.59	ppb
Boron	11-1	47.95	49.52	49.45	48.97	1.82	ppb
Cadmium	111-1	52.41	52.78	51.66	52.28	1.10	ppb
Cadmium	106-1	51.91	51.70	51.39	51.67	0.51	ppb
Cadmium	108-1	52.35	52.80	52.51	52.56	0.43	ppb
Calcium	43-1	4913.97	4842.25	4978.53	4911.59	1.39	ppb
Calcium	44-1	4945.62	4942.76	4965.94	4951.44	0.26	ppb
Chromium	52-2	51.33	51.29	50.50	51.04	0.92	ppb
Cobalt	59-2	52.31	52.64	51.68	52.21	0.94	ppb
Copper	63-2	105.17	105.94	104.39	105.17	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	2596.78	2617.99	2551.84	2588.87	1.30	ppb
Iron	57-2	2559.07	2598.73	2542.79	2566.86	1.12	ppb
Lead	206-1	48.47	47.52	47.47	47.82	1.18	ppb
Lead	207-1	48.44	48.06	47.82	48.11	0.65	ppb
Lead	208-1	49.00	48.52	48.44	48.65	0.62	ppb
Lithium	6-1				100		%
Magnesium	24-2	5056.28	5104.63	5026.33	5062.41	0.78	ppb
Manganese	55-2	102.62	103.10	101.90	102.54	0.59	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:27:16	DataFile Name :	006CAL5_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	48.16	48.40	47.92	48.16	0.50	ppb
Molybdenum	95-1	49.04	48.90	49.00	48.98	0.15	ppb
Molybdenum	96-1	48.15	48.03	47.98	48.05	0.18	ppb
Molybdenum	97-1	48.97	48.76	49.10	48.94	0.35	ppb
Molybdenum	98-1	48.12	48.56	48.42	48.37	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.37	53.73	51.91	53.01	1.82	ppb
Phosphorus	31-2	1002.23	1011.06	1005.20	1006.16	0.45	ppb
Potassium	39-2	2477.31	2491.18	2461.84	2476.77	0.59	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	49.97	62.77	42.44	51.73	19.87	ppb
Selenium	78-2	50.44	51.86	52.09	51.46	1.74	ppb
Selenium	82-1	50.48	50.73	50.05	50.42	0.69	ppb
Silicon	28-1	57.62	57.09	59.25	57.99	1.95	ppb
Silver	109-1	52.66	52.10	51.01	51.92	1.61	ppb
Silver	107-1	52.36	52.08	51.74	52.06	0.59	ppb
Sodium	23-2	5046.00	5081.67	4980.43	5036.03	1.02	ppb
Strontium	86-1	51.81	50.98	52.06	51.61	1.09	ppb
Strontium	88-1	51.54	51.96	52.07	51.86	0.53	ppb
Sulfur	34-1	1143.12	807.58	1083.31	1011.34	17.70	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	48.33	48.23	48.16	48.24	0.18	ppb
Thallium	205-1	49.67	48.71	49.18	49.18	0.98	ppb
Tin	118-1	50.37	49.64	49.52	49.84	0.92	ppb
Titanium	47-1	50.05	51.03	50.61	50.56	0.98	ppb
Uranium	238-1	48.89	47.80	48.42	48.37	1.13	ppb
Vanadium	51-2	50.70	51.03	49.66	50.46	1.42	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	104.95	106.28	104.18	105.13	1.01	ppb
Zirconium	90-1	49.33	49.26	48.73	49.10	0.66	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:27:16	DataFile Name :	006CALS_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.41	48.93	48.66	49.00	0.77	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:31:25	DataFile Name :	007CAL5_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2389.80	2443.11	2437.34	2423.41	1.21	ppb
Antimony	121-1	122.52	121.45	119.95	121.31	1.07	ppb
Arsenic	75-2	126.05	125.51	126.65	126.07	0.45	ppb
Barium	135-1	633.04	635.29	625.16	631.16	0.84	ppb
Barium	137-1	638.49	639.75	631.79	636.67	0.67	ppb
Beryllium	9-1	127.05	125.86	126.31	126.41	0.48	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	122.98	122.60	123.72	123.10	0.46	ppb
Boron	11-1	124.56	123.42	125.11	124.36	0.69	ppb
Cadmium	111-1	130.76	130.69	129.11	130.19	0.72	ppb
Cadmium	106-1	129.45	132.13	132.72	131.43	1.32	ppb
Cadmium	108-1	129.33	129.39	129.91	129.54	0.24	ppb
Calcium	43-1	12132.15	12225.69	12260.52	12206.12	0.54	ppb
Calcium	44-1	12281.07	12433.32	12340.20	12351.53	0.62	ppb
Chromium	52-2	127.81	128.70	128.54	128.35	0.37	ppb
Cobalt	59-2	129.08	131.38	130.78	130.41	0.91	ppb
Copper	63-2	261.12	264.03	263.77	262.97	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	6434.22	6565.55	6480.04	6493.27	1.03	ppb
Iron	57-2	6370.47	6535.85	6462.04	6456.12	1.28	ppb
Lead	206-1	122.84	122.29	121.92	122.35	0.38	ppb
Lead	207-1	122.38	122.21	121.62	122.07	0.33	ppb
Lead	208-1	124.02	123.71	123.64	123.79	0.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	12619.52	12810.33	12752.91	12727.58	0.77	ppb
Manganese	55-2	254.77	258.01	256.51	256.43	0.63	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:31:25	DataFile Name :	007CAL5_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	122.53	122.82	121.87	122.41	0.40	ppb
Molybdenum	95-1	123.91	123.98	123.59	123.83	0.17	ppb
Molybdenum	96-1	122.01	123.06	121.56	122.21	0.63	ppb
Molybdenum	97-1	123.07	125.77	123.90	124.25	1.11	ppb
Molybdenum	98-1	121.01	122.90	121.73	121.88	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.62	132.81	133.21	132.55	0.63	ppb
Phosphorus	31-2	2508.36	2602.44	2530.13	2546.98	1.93	ppb
Potassium	39-2	6155.64	6216.95	6189.16	6187.25	0.50	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	120.91	127.52	128.13	125.52	3.19	ppb
Selenium	78-2	122.68	126.78	128.31	125.93	2.31	ppb
Selenium	82-1	127.81	128.42	128.26	128.16	0.25	ppb
Silicon	28-1	147.12	147.75	149.75	148.21	0.93	ppb
Silver	109-1	129.56	131.34	129.57	130.16	0.79	ppb
Silver	107-1	129.97	130.26	130.09	130.11	0.11	ppb
Sodium	23-2	12499.86	12655.99	12650.57	12602.14	0.70	ppb
Strontium	86-1	127.15	128.67	127.91	127.91	0.59	ppb
Strontium	88-1	128.86	130.87	129.93	129.89	0.77	ppb
Sulfur	34-1	2427.00	2429.64	2258.24	2371.63	4.14	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	124.39	124.05	122.86	123.77	0.65	ppb
Thallium	205-1	127.64	125.59	126.37	126.53	0.82	ppb
Tin	118-1	125.83	125.90	124.57	125.43	0.60	ppb
Titanium	47-1	124.37	125.74	125.52	125.21	0.59	ppb
Uranium	238-1	120.54	121.25	122.20	121.33	0.69	ppb
Vanadium	51-2	125.84	126.87	127.80	126.84	0.77	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	263.12	264.19	265.95	264.42	0.54	ppb
Zirconium	90-1	124.00	125.78	125.01	124.93	0.71	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:31:25	DataFile Name :	007CALS_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.67	123.95	124.47	123.69	0.75	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:35:08	DataFile Name :	008CAL5_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4745.39	4787.10	4802.28	4778.26	0.62	ppb
Antimony	121-1	249.31	248.21	246.83	248.11	0.50	ppb
Arsenic	75-2	251.97	251.23	251.01	251.41	0.20	ppb
Barium	135-1	1267.13	1270.54	1269.13	1268.93	0.14	ppb
Barium	137-1	1270.39	1265.61	1256.18	1264.06	0.57	ppb
Beryllium	9-1	251.36	247.63	250.78	249.92	0.80	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	245.90	245.96	249.91	247.25	0.93	ppb
Boron	11-1	245.74	244.01	250.08	246.61	1.27	ppb
Cadmium	111-1	257.74	257.50	257.00	257.41	0.15	ppb
Cadmium	106-1	256.04	256.53	255.62	256.06	0.18	ppb
Cadmium	108-1	265.01	260.35	256.08	260.48	1.71	ppb
Calcium	43-1	24312.45	24536.51	24717.21	24522.06	0.83	ppb
Calcium	44-1	24457.86	24529.43	24598.99	24528.76	0.29	ppb
Chromium	52-2	251.64	254.25	254.87	253.58	0.68	ppb
Cobalt	59-2	255.41	257.81	259.07	257.43	0.72	ppb
Copper	63-2	514.02	515.93	517.39	515.78	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				101		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	12751.46	12762.25	12845.41	12786.37	0.40	ppb
Iron	57-2	12643.85	12719.06	12813.55	12725.49	0.67	ppb
Lead	206-1	243.44	243.32	243.72	243.49	0.09	ppb
Lead	207-1	243.73	245.09	245.03	244.61	0.31	ppb
Lead	208-1	246.44	246.12	245.39	245.98	0.22	ppb
Lithium	6-1				100		%
Magnesium	24-2	24915.50	24892.45	25180.58	24996.18	0.64	ppb
Manganese	55-2	503.50	504.91	511.14	506.52	0.80	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:35:08	DataFile Name :	008CAL5_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	247.10	247.29	247.47	247.29	0.08	ppb
Molybdenum	95-1	248.36	247.11	246.31	247.26	0.42	ppb
Molybdenum	96-1	244.48	243.31	242.45	243.41	0.42	ppb
Molybdenum	97-1	249.13	248.34	247.37	248.28	0.35	ppb
Molybdenum	98-1	246.35	244.48	243.36	244.73	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.57	258.16	260.90	258.54	0.85	ppb
Phosphorus	31-2	5033.09	5017.41	5121.06	5057.19	1.10	ppb
Potassium	39-2	12233.54	12336.66	12360.12	12310.11	0.55	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	247.10	244.47	257.70	249.76	2.80	ppb
Selenium	78-2	252.10	256.58	256.75	255.14	1.03	ppb
Selenium	82-1	253.98	253.04	251.43	252.81	0.51	ppb
Silicon	28-1	297.01	300.79	306.75	301.52	1.63	ppb
Silver	109-1	258.96	257.29	256.20	257.48	0.54	ppb
Silver	107-1	257.89	257.06	256.36	257.10	0.30	ppb
Sodium	23-2	24925.94	25055.69	25072.15	25017.93	0.32	ppb
Strontium	86-1	255.17	255.71	255.98	255.62	0.16	ppb
Strontium	88-1	257.53	255.53	256.72	256.59	0.39	ppb
Sulfur	34-1	4517.43	4531.64	4775.18	4608.08	3.14	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	247.78	246.45	247.74	247.32	0.30	ppb
Thallium	205-1	244.37	247.84	246.47	246.23	0.71	ppb
Tin	118-1	250.50	250.49	247.63	249.54	0.66	ppb
Titanium	47-1	249.25	249.70	252.57	250.51	0.72	ppb
Uranium	238-1	244.02	244.74	242.57	243.78	0.45	ppb
Vanadium	51-2	249.11	252.08	251.80	251.00	0.65	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	516.41	519.70	521.15	519.09	0.47	ppb
Zirconium	90-1	247.78	247.08	249.82	248.23	0.57	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:35:08	DataFile Name :	008CALS_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	246.78	244.25	249.50	246.85	1.06	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:38:46	DataFile Name :	009CAL5_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9441.36	9532.64	9487.37	9487.12	0.48	ppb
Antimony	121-1	498.20	497.06	503.55	499.60	0.69	ppb
Arsenic	75-2	498.80	496.78	503.37	499.65	0.68	ppb
Barium	135-1	2491.11	2510.45	2534.65	2512.07	0.87	ppb
Barium	137-1	2506.52	2507.69	2526.93	2513.72	0.46	ppb
Beryllium	9-1	498.05	499.15	498.13	498.44	0.12	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	494.79	496.43	495.78	495.67	0.17	ppb
Boron	11-1	494.24	499.46	500.37	498.02	0.66	ppb
Cadmium	111-1	503.57	507.72	508.77	506.69	0.54	ppb
Cadmium	106-1	501.94	503.72	503.68	503.11	0.20	ppb
Cadmium	108-1	499.21	502.22	511.38	504.27	1.26	ppb
Calcium	43-1	48488.19	48609.95	48595.96	48564.70	0.14	ppb
Calcium	44-1	48768.38	48757.80	48526.34	48684.17	0.28	ppb
Chromium	52-2	498.69	505.36	503.71	502.58	0.69	ppb
Cobalt	59-2	505.70	509.14	507.59	507.47	0.34	ppb
Copper	63-2	1014.68	1022.88	1020.25	1019.27	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	25194.05	25482.03	25277.81	25317.97	0.59	ppb
Iron	57-2	25129.61	25250.17	25128.78	25169.52	0.28	ppb
Lead	206-1	504.94	497.33	491.64	497.97	1.34	ppb
Lead	207-1	495.29	490.31	490.17	491.92	0.59	ppb
Lead	208-1	500.94	496.10	492.71	496.58	0.83	ppb
Lithium	6-1				97		%
Magnesium	24-2	49211.27	49380.27	49359.53	49317.03	0.19	ppb
Manganese	55-2	1000.38	1010.76	1009.49	1006.88	0.56	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:38:46	DataFile Name :	009CAL5_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	495.52	500.86	494.87	497.08	0.66	ppb
Molybdenum	95-1	495.40	498.15	497.62	497.06	0.29	ppb
Molybdenum	96-1	488.13	487.10	491.49	488.91	0.47	ppb
Molybdenum	97-1	495.45	496.61	498.93	497.00	0.36	ppb
Molybdenum	98-1	498.67	496.30	500.07	498.35	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.38	514.34	507.20	509.64	0.80	ppb
Phosphorus	31-2	10037.48	10159.33	9953.98	10050.27	1.03	ppb
Potassium	39-2	24235.95	24349.39	24275.46	24286.93	0.24	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	491.30	495.20	507.06	497.85	1.65	ppb
Selenium	78-2	501.46	505.12	510.38	505.65	0.89	ppb
Selenium	82-1	502.13	503.87	502.07	502.69	0.20	ppb
Silicon	28-1	478.18	487.12	487.19	484.16	1.07	ppb
Silver	109-1	504.12	507.61	508.61	506.78	0.46	ppb
Silver	107-1	504.95	506.35	508.48	506.59	0.35	ppb
Sodium	23-2	49199.05	49615.64	49097.21	49303.97	0.56	ppb
Strontium	86-1	509.55	502.61	512.30	508.16	0.98	ppb
Strontium	88-1	512.02	508.29	514.36	511.56	0.60	ppb
Sulfur	34-1	9387.53	9586.01	9659.84	9544.46	1.48	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	506.23	492.26	496.81	498.44	1.43	ppb
Thallium	205-1	502.47	495.66	490.75	496.29	1.19	ppb
Tin	118-1	501.31	499.23	509.00	503.18	1.02	ppb
Titanium	47-1	497.45	499.07	498.79	498.44	0.17	ppb
Uranium	238-1	494.52	490.94	484.59	490.02	1.03	ppb
Vanadium	51-2	497.76	500.64	499.32	499.24	0.29	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	1010.45	1017.80	1026.48	1018.24	0.79	ppb
Zirconium	90-1	496.09	500.81	495.83	497.58	0.56	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:38:46	DataFile Name :	009CALS_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.97	494.91	496.44	494.77	0.35	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:42:20	DataFile Name :	010CAL5_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18785.13	18841.71	18740.60	18789.15	0.27	ppb
Antimony	121-1	1007.11	993.84	1003.23	1001.39	0.68	ppb
Arsenic	75-2	1003.36	997.35	998.39	999.70	0.32	ppb
Barium	135-1	4997.89	4988.91	4978.35	4988.39	0.20	ppb
Barium	137-1	4999.50	4966.91	4997.75	4988.05	0.37	ppb
Beryllium	9-1	998.12	999.38	1004.21	1000.57	0.32	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	997.71	994.69	1017.30	1003.23	1.22	ppb
Boron	11-1	992.70	1002.22	1011.27	1002.06	0.93	ppb
Cadmium	111-1	995.76	987.43	998.94	994.04	0.60	ppb
Cadmium	106-1	996.91	985.84	1005.38	996.04	0.98	ppb
Cadmium	108-1	999.29	983.79	1000.57	994.55	0.94	ppb
Calcium	43-1	98129.67	97279.53	98045.11	97818.10	0.48	ppb
Calcium	44-1	97190.60	97207.57	97677.89	97358.68	0.28	ppb
Chromium	52-2	996.88	991.78	1003.36	997.34	0.58	ppb
Cobalt	59-2	990.44	994.14	996.28	993.62	0.30	ppb
Copper	63-2	1980.97	1978.95	1993.70	1984.54	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	56-2	49808.49	49863.14	50296.57	49989.40	0.53	ppb
Iron	57-2	49823.39	49893.78	50199.86	49972.35	0.40	ppb
Lead	206-1	1010.30	995.19	1003.75	1003.08	0.76	ppb
Lead	207-1	1006.46	1003.37	1007.71	1005.85	0.22	ppb
Lead	208-1	1007.63	999.12	1002.05	1002.93	0.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	97333.75	96905.54	97455.31	97231.53	0.30	ppb
Manganese	55-2	1993.52	1987.20	2001.29	1994.00	0.35	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:42:20	DataFile Name :	010CAL5_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1009.17	1002.50	996.04	1002.57	0.65	ppb
Molybdenum	95-1	997.35	1007.99	1001.73	1002.36	0.53	ppb
Molybdenum	96-1	1007.40	1016.27	999.26	1007.65	0.84	ppb
Molybdenum	97-1	1007.23	1002.32	996.69	1002.08	0.53	ppb
Molybdenum	98-1	999.53	1007.67	1000.65	1002.62	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	988.96	984.89	1002.01	991.95	0.90	ppb
Phosphorus	31-2	19795.56	20149.82	19917.78	19954.39	0.90	ppb
Potassium	39-2	48128.41	47890.78	48260.66	48093.28	0.39	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	1014.32	990.39	998.25	1000.99	1.22	ppb
Selenium	78-2	989.88	997.10	1000.13	995.70	0.53	ppb
Selenium	82-1	997.57	1001.11	993.93	997.54	0.36	ppb
Silicon	28-1	987.99	988.03	999.19	991.74	0.65	ppb
Silver	109-1	997.58	988.54	995.87	994.00	0.48	ppb
Silver	107-1	994.34	990.74	997.47	994.19	0.34	ppb
Sodium	23-2	98268.95	97414.82	98097.26	97927.01	0.46	ppb
Strontium	86-1	993.68	997.84	990.71	994.07	0.36	ppb
Strontium	88-1	991.15	999.54	984.92	991.87	0.74	ppb
Sulfur	34-1	20333.60	20096.33	20593.76	20341.23	1.22	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	1009.41	984.92	1010.75	1001.69	1.45	ppb
Thallium	205-1	1009.75	987.85	1010.34	1002.65	1.28	ppb
Tin	118-1	1001.35	986.65	1007.45	998.48	1.07	ppb
Titanium	47-1	998.70	996.47	1006.63	1000.60	0.53	ppb
Uranium	238-1	1007.16	1005.81	1008.30	1007.09	0.12	ppb
Vanadium	51-2	997.04	999.08	1003.52	999.88	0.33	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	1973.68	1978.96	1999.49	1984.05	0.69	ppb
Zirconium	90-1	1008.56	1001.15	995.42	1001.71	0.66	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:42:20	DataFile Name :	010CALS_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1003.90	1008.64	998.30	1003.62	0.52	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:45:51	DataFile Name :	011CALS_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99854.40	100597.59	100468.35	100306.78	0.40	ppb
Antimony	121-1	4.19	4.35	4.62	4.39	4.95	ppb
Arsenic	75-2	1.10	1.14	1.06	1.10	3.90	ppb
Barium	135-1	2.10	2.01	2.15	2.09	3.38	ppb
Barium	137-1	2.23	2.21	2.11	2.18	2.87	ppb
Beryllium	9-1	0.21	0.28	0.35	0.28	24.66	ppb
Bismuth	209-1				84		%
Bismuth	209-2				85		%
Boron	10-1	26.89	24.66	23.69	25.08	6.54	ppb
Boron	11-1	28.34	24.45	23.24	25.34	10.53	ppb
Cadmium	111-1	0.13	0.09	0.14	0.12	18.86	ppb
Cadmium	106-1	-0.76	-1.22	-0.66	-0.88		ppb
Cadmium	108-1	0.21	0.37	0.22	0.26	34.41	ppb
Calcium	43-1	497930.61	502573.57	501332.12	500612.10	0.48	ppb
Calcium	44-1	501997.58	498674.19	501391.23	500687.67	0.35	ppb
Chromium	52-2	22.83	23.30	23.11	23.08	1.03	ppb
Cobalt	59-2	1.43	1.40	1.41	1.41	1.31	ppb
Copper	63-2	2.68	2.66	2.64	2.66	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				93		%
Iron	56-2	248359.56	249408.97	252078.58	249949.03	0.77	ppb
Iron	57-2	249115.89	249264.27	251534.28	249971.48	0.54	ppb
Lead	206-1	2.06	2.07	2.06	2.06	0.38	ppb
Lead	207-1	1.96	1.98	1.91	1.95	1.82	ppb
Lead	208-1	2.02	2.03	2.02	2.02	0.02	ppb
Lithium	6-1				88		%
Magnesium	24-2	496848.21	502024.48	502975.04	500615.91	0.66	ppb
Manganese	55-2	7.48	7.68	7.68	7.61	1.49	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:45:51	DataFile Name :	011CAL5_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.71	1.82	1.86	1.80	4.30	ppb
Molybdenum	95-1	5.01	5.22	5.63	5.29	5.96	ppb
Molybdenum	96-1	4.55	4.96	5.09	4.87	5.81	ppb
Molybdenum	97-1	5.20	5.37	5.56	5.38	3.33	ppb
Molybdenum	98-1	4.95	5.08	5.42	5.15	4.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.05	13.94	14.28	14.09	1.24	ppb
Phosphorus	31-2	2.89	9.97	6.07	6.31	56.16	ppb
Potassium	39-2	248315.71	249704.36	253372.07	250464.05	1.04	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	77-2	0.90	1.77	1.49	1.39	32.01	ppb
Selenium	78-2	2.19	1.97	1.90	2.02	7.57	ppb
Selenium	82-1	1.65	1.71	1.07	1.47	24.07	ppb
Silicon	28-1	16.54	15.60	15.62	15.92	3.38	ppb
Silver	109-1	0.13	0.14	0.13	0.13	4.79	ppb
Silver	107-1	0.14	0.13	0.15	0.14	7.21	ppb
Sodium	23-2	496283.97	500124.71	505032.75	500480.48	0.88	ppb
Strontium	86-1	32.79	33.30	32.65	32.91	1.03	ppb
Strontium	88-1	33.19	33.06	33.14	33.13	0.20	ppb
Sulfur	34-1	-590.80	-463.28	-463.67	-505.92		ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	0.43	0.43	0.40	0.42	4.91	ppb
Thallium	205-1	0.45	0.41	0.41	0.42	5.22	ppb
Tin	118-1	1.03	1.13	1.23	1.13	8.80	ppb
Titanium	47-1	0.74	1.08	1.01	0.94	19.21	ppb
Uranium	238-1	0.24	0.22	0.23	0.23	5.15	ppb
Vanadium	51-2	0.45	0.44	0.43	0.44	2.19	ppb
Yttrium	89-1				94		%
Yttrium	89-2				98		%
Zinc	66-2	9.57	9.51	9.68	9.59	0.90	ppb
Zirconium	90-1	0.22	0.22	0.25	0.23	7.74	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:45:51	DataFile Name :	011CALS_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.24	0.20	0.24	0.23	10.07	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:52:32	DataFile Name :	012ICV_P7052317-MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	488.74	483.54	479.62	483.97	0.95	ppb
Antimony	121-1	206.12	204.49	203.38	204.66	0.67	ppb
Arsenic	75-2	199.02	197.78	195.64	197.48	0.86	ppb
Barium	135-1	101.04	101.26	100.35	100.88	0.47	ppb
Barium	137-1	100.88	100.40	100.65	100.64	0.24	ppb
Beryllium	9-1	99.42	99.52	99.49	99.48	0.05	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	556.50	545.99	556.78	553.09	1.11	ppb
Boron	11-1	561.66	553.33	561.28	558.76	0.84	ppb
Cadmium	111-1	105.95	105.73	105.67	105.78	0.14	ppb
Cadmium	106-1	182.19	183.02	183.69	182.97	0.41	ppb
Cadmium	108-1	150.87	147.48	152.07	150.14	1.59	ppb
Calcium	43-1	2155.41	2146.94	2139.62	2147.33	0.37	ppb
Calcium	44-1	2064.61	2067.97	2060.86	2064.48	0.17	ppb
Chromium	52-2	95.66	95.37	95.21	95.41	0.24	ppb
Cobalt	59-2	100.11	99.77	99.79	99.89	0.19	ppb
Copper	63-2	100.76	100.23	100.12	100.37	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	992.17	989.24	992.44	991.29	0.18	ppb
Iron	57-2	996.82	983.78	988.14	989.58	0.67	ppb
Lead	206-1	193.72	193.85	192.47	193.35	0.39	ppb
Lead	207-1	186.07	184.84	185.49	185.47	0.33	ppb
Lead	208-1	192.51	192.30	192.26	192.36	0.07	ppb
Lithium	6-1				100		%
Magnesium	24-2	1204.55	1178.60	1201.36	1194.84	1.18	ppb
Manganese	55-2	98.14	96.89	97.47	97.50	0.64	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:52:32	DataFile Name :	012ICV_P7052317-MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	488.02	488.19	483.60	486.60	0.53	ppb
Molybdenum	95-1	496.27	492.49	490.07	492.94	0.63	ppb
Molybdenum	96-1	486.21	485.31	480.35	483.96	0.65	ppb
Molybdenum	97-1	497.97	494.44	485.87	492.76	1.26	ppb
Molybdenum	98-1	499.90	493.96	490.75	494.87	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.26	100.27	101.74	101.76	1.47	ppb
Phosphorus	31-2	0.32	2.64	-7.84	-1.63		ppb
Potassium	39-2	1959.21	1957.22	1935.81	1950.74	0.66	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	186.63	210.24	204.53	200.47	6.14	ppb
Selenium	78-2	203.92	202.23	202.02	202.72	0.51	ppb
Selenium	82-1	199.26	196.29	198.43	197.99	0.78	ppb
Silicon	28-1	423.38	421.09	421.48	421.98	0.29	ppb
Silver	109-1	102.08	101.38	101.72	101.73	0.34	ppb
Silver	107-1	102.51	102.05	103.00	102.52	0.46	ppb
Sodium	23-2	1954.90	1960.39	1958.77	1958.02	0.14	ppb
Strontium	86-1	497.84	495.61	494.77	496.07	0.32	ppb
Strontium	88-1	503.12	499.53	501.26	501.31	0.36	ppb
Sulfur	34-1	-624.92	-775.98	-768.57	-723.16		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	197.38	195.20	196.78	196.45	0.57	ppb
Thallium	205-1	197.00	197.86	196.45	197.11	0.36	ppb
Tin	118-1	515.73	513.56	526.18	518.49	1.30	ppb
Titanium	47-1	489.07	488.26	488.85	488.73	0.09	ppb
Uranium	238-1	478.78	476.57	477.25	477.53	0.24	ppb
Vanadium	51-2	95.50	96.17	94.53	95.40	0.86	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	201.04	201.09	200.97	201.03	0.03	ppb
Zirconium	90-1	482.99	482.08	478.89	481.32	0.45	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:52:32	DataFile Name :	012ICV_P7052317-MS.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	478.90	478.88	476.16	477.98	0.33	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:59:58	DataFile Name :	013CCBE_P7052317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.33	-0.17	-0.01	-0.17		ppb
Antimony	121-1	0.61	0.71	0.86	0.72	17.20	ppb
Arsenic	75-2	0.12	0.10	0.14	0.12	17.14	ppb
Barium	135-1	0.01	0.01	0.01	0.01	36.42	ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.04	0.05	0.05	0.05	10.41	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	3.81	4.28	3.59	3.90	9.08	ppb
Boron	11-1	4.38	4.11	3.78	4.09	7.27	ppb
Cadmium	111-1	-0.14	-0.11	-0.09	-0.12		ppb
Cadmium	106-1	-1.91	-1.49	-1.20	-1.54		ppb
Cadmium	108-1	0.09	0.02	-0.01	0.03	158.91	ppb
Calcium	43-1	-2.87	-1.38	-0.04	-1.43		ppb
Calcium	44-1	-2.22	-1.60	-1.25	-1.69		ppb
Chromium	52-2	0.01	0.01	0.00	0.00	151.49	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.60	-0.59	-0.65	-0.62		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	0.67	0.66	0.67	0.67	0.89	ppb
Iron	57-2	1.04	0.48	0.48	0.66	48.28	ppb
Lead	206-1	0.02	0.03	0.01	0.02	63.45	ppb
Lead	207-1	0.03	0.02	0.03	0.03	7.62	ppb
Lead	208-1	0.03	0.03	0.02	0.03	22.81	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.01	1.18	1.09	1.09	8.13	ppb
Manganese	55-2	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:59:58	DataFile Name :	013CCBE_P7052317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.09	0.11	0.09	23.37	ppb
Molybdenum	95-1	0.14	0.22	0.27	0.21	32.01	ppb
Molybdenum	96-1	0.14	0.19	0.26	0.20	28.67	ppb
Molybdenum	97-1	0.15	0.19	0.28	0.20	31.37	ppb
Molybdenum	98-1	0.15	0.19	0.27	0.20	30.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.00	-0.01	-0.02		ppb
Phosphorus	31-2	5.63	7.36	3.14	5.38	39.45	ppb
Potassium	39-2	6.27	7.90	10.92	8.36	28.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.28	0.28	0.19	86.60	ppb
Selenium	78-2	0.21	0.08	0.15	0.15	46.54	ppb
Selenium	82-1	-0.03	0.05	-0.18	-0.06		ppb
Silicon	28-1	-0.86	-1.17	-0.50	-0.84		ppb
Silver	109-1	-0.01	-0.02	-0.01	-0.01		ppb
Silver	107-1	-0.02	-0.01	-0.02	-0.02		ppb
Sodium	23-2	-34.58	-35.91	-35.46	-35.31		ppb
Strontium	86-1	0.00	0.01	0.01	0.01	68.00	ppb
Strontium	88-1	-0.02	-0.01	-0.02	-0.02		ppb
Sulfur	34-1	-456.36	-460.10	-315.13	-410.53		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.00	0.01	49.92	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.19	ppb
Tin	118-1	0.08	0.09	0.12	0.09	20.97	ppb
Titanium	47-1	-0.02	-0.02	-0.03	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	-0.06	-0.04	-0.03	-0.04		ppb
Zirconium	90-1	0.03	0.05	0.05	0.04	27.57	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:59:58	DataFile Name :	013CCBE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.03	0.05	0.04	28.96	ppb

LB Number : LB87664 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-05-23 12:03:30 DataFile Name : 014ICSA_P7052317-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91698.71	91834.95	90720.38	91418.02	0.67	ppb
Antimony	121-1	1.39	1.41	1.44	1.41	1.84	ppb
Arsenic	75-2	0.31	0.35	0.31	0.32	7.62	ppb
Barium	135-1	1.46	1.41	1.28	1.39	6.54	ppb
Barium	137-1	1.39	1.46	1.45	1.43	2.80	ppb
Beryllium	9-1	0.31	0.33	0.29	0.31	5.54	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	4.24	4.48	3.84	4.19	7.68	ppb
Boron	11-1	3.56	3.53	3.01	3.37	9.26	ppb
Cadmium	111-1	0.39	0.34	0.31	0.35	11.17	ppb
Cadmium	106-1	-1.43	-1.93	-2.62	-1.99		ppb
Cadmium	108-1	14.72	13.91	14.18	14.27	2.90	ppb
Calcium	43-1	94836.46	94678.97	94990.90	94835.44	0.16	ppb
Calcium	44-1	96273.98	95336.66	95087.26	95565.97	0.65	ppb
Chromium	52-2	18.83	18.81	19.12	18.92	0.92	ppb
Cobalt	59-2	1.13	1.15	1.13	1.14	0.93	ppb
Copper	63-2	7.22	7.22	7.33	7.26	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				102		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	97311.25	98849.63	96842.37	97667.75	1.08	ppb
Iron	57-2	97142.36	98057.48	97410.24	97536.69	0.48	ppb
Lead	206-1	4.31	4.30	4.32	4.31	0.25	ppb
Lead	207-1	3.83	3.76	3.76	3.78	0.98	ppb
Lead	208-1	4.02	4.02	4.01	4.02	0.10	ppb
Lithium	6-1				96		%
Magnesium	24-2	96595.56	97930.68	96185.37	96903.87	0.94	ppb
Manganese	55-2	7.74	7.58	7.77	7.70	1.33	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:03:30	DataFile Name :	014ICSA_P7052317-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	580.33	578.35	575.80	578.16	0.39	ppb
Molybdenum	95-1	1894.36	1892.55	1900.90	1895.94	0.23	ppb
Molybdenum	96-1	1578.35	1589.99	1587.87	1585.40	0.39	ppb
Molybdenum	97-1	1933.46	1916.05	1932.95	1927.49	0.51	ppb
Molybdenum	98-1	1907.37	1904.55	1913.40	1908.44	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.08	5.27	4.97	5.11	3.02	ppb
Phosphorus	31-2	97041.31	98052.24	95928.97	97007.51	1.09	ppb
Potassium	39-2	95314.79	96870.83	95669.70	95951.77	0.85	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	0.29	0.00	0.00	0.10	173.21	ppb
Selenium	78-2	0.74	-0.06	0.67	0.45	97.53	ppb
Selenium	82-1	0.83	0.00	0.65	0.49	88.30	ppb
Silicon	28-1	24.19	23.42	23.91	23.84	1.64	ppb
Silver	109-1	0.09	0.10	0.09	0.09	9.71	ppb
Silver	107-1	0.08	0.09	0.09	0.09	8.98	ppb
Sodium	23-2	97887.16	97964.07	97260.69	97703.97	0.39	ppb
Strontium	86-1	31.93	33.02	31.93	32.29	1.94	ppb
Strontium	88-1	32.43	32.92	32.34	32.56	0.95	ppb
Sulfur	34-1	70340.47	69581.29	70016.00	69979.25	0.54	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	0.03	0.03	6.32	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	5.98	ppb
Tin	118-1	0.17	0.21	0.21	0.20	12.19	ppb
Titanium	47-1	1931.35	1918.97	1922.23	1924.18	0.33	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.49	ppb
Vanadium	51-2	0.14	0.14	0.14	0.14	1.52	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	10.88	10.98	11.18	11.01	1.42	ppb
Zirconium	90-1	0.20	0.20	0.23	0.21	9.72	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:03:30	DataFile Name :	014ICSA_P7052317-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.21	0.21	0.20	6.28	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:06:57	DataFile Name :	015ICSB_P7052317-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90572.86	91116.18	90079.80	90589.61	0.57	ppb
Antimony	121-1	19.08	19.26	18.71	19.02	1.49	ppb
Arsenic	75-2	19.42	19.61	19.92	19.65	1.29	ppb
Barium	135-1	21.43	21.41	20.96	21.27	1.25	ppb
Barium	137-1	20.88	21.38	21.28	21.18	1.25	ppb
Beryllium	9-1	20.47	20.64	20.37	20.49	0.68	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Boron	10-1	60.45	58.95	58.22	59.21	1.93	ppb
Boron	11-1	59.40	60.02	60.04	59.82	0.60	ppb
Cadmium	111-1	19.80	19.64	19.74	19.72	0.41	ppb
Cadmium	106-1	23.53	22.83	22.26	22.87	2.77	ppb
Cadmium	108-1	36.02	36.96	36.32	36.43	1.31	ppb
Calcium	43-1	94857.34	94127.65	94964.19	94649.73	0.48	ppb
Calcium	44-1	95405.46	94462.02	95078.66	94982.05	0.50	ppb
Chromium	52-2	37.57	38.30	37.77	37.88	1.00	ppb
Cobalt	59-2	20.45	20.74	20.36	20.52	0.96	ppb
Copper	63-2	26.44	27.22	26.49	26.72	1.63	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				99		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	97422.36	97900.92	95634.03	96985.77	1.23	ppb
Iron	57-2	96704.69	96999.78	96554.28	96752.91	0.23	ppb
Lead	206-1	23.68	24.08	23.80	23.86	0.87	ppb
Lead	207-1	21.86	22.04	21.62	21.84	0.97	ppb
Lead	208-1	22.76	23.03	22.75	22.85	0.68	ppb
Lithium	6-1				93		%
Magnesium	24-2	96436.83	96914.75	95173.80	96175.13	0.94	ppb
Manganese	55-2	27.31	27.41	26.90	27.21	1.00	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:06:57	DataFile Name :	015ICSB_P7052317-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	626.08	621.13	627.37	624.86	0.53	ppb
Molybdenum	95-1	1941.06	1929.41	1937.24	1935.90	0.31	ppb
Molybdenum	96-1	1625.13	1618.58	1624.36	1622.69	0.22	ppb
Molybdenum	97-1	1964.37	1939.86	1956.80	1953.68	0.64	ppb
Molybdenum	98-1	1955.22	1920.41	1934.65	1936.76	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.17	24.65	24.50	24.44	1.01	ppb
Phosphorus	31-2	96768.42	96185.19	95717.02	96223.54	0.55	ppb
Potassium	39-2	95400.33	95586.80	94994.62	95327.25	0.32	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	12.95	19.48	20.97	17.80	23.97	ppb
Selenium	78-2	19.84	19.62	21.82	20.42	5.92	ppb
Selenium	82-1	18.95	18.94	19.10	19.00	0.46	ppb
Silicon	28-1	79.28	79.01	80.08	79.46	0.70	ppb
Silver	109-1	18.54	18.26	18.52	18.44	0.86	ppb
Silver	107-1	18.42	18.28	18.34	18.35	0.40	ppb
Sodium	23-2	97251.24	97072.28	96632.37	96985.30	0.33	ppb
Strontium	86-1	81.93	82.29	82.98	82.40	0.65	ppb
Strontium	88-1	83.45	83.34	83.66	83.48	0.19	ppb
Sulfur	34-1	69544.44	68660.64	68809.79	69004.96	0.69	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	19.55	19.62	19.47	19.55	0.40	ppb
Thallium	205-1	19.75	19.87	19.88	19.83	0.37	ppb
Tin	118-1	50.93	51.04	50.59	50.86	0.46	ppb
Titanium	47-1	1961.90	1961.03	1960.18	1961.04	0.04	ppb
Uranium	238-1	52.61	52.97	52.27	52.62	0.67	ppb
Vanadium	51-2	18.96	19.42	18.96	19.11	1.38	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	30.30	30.03	30.02	30.12	0.53	ppb
Zirconium	90-1	49.76	49.63	49.79	49.72	0.16	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:06:57	DataFile Name :	015ICSB_P7052317-MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.52	49.84	49.65	49.67	0.32	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:15:15	DataFile Name :	017CCV_P7052317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51742.56	52595.73	51597.57	51978.62	1.04	ppb
Antimony	121-1	502.02	507.85	508.98	506.28	0.74	ppb
Arsenic	75-2	501.29	502.29	498.19	500.59	0.43	ppb
Barium	135-1	2537.50	2571.31	2552.99	2553.93	0.66	ppb
Barium	137-1	2538.32	2564.69	2554.36	2552.46	0.52	ppb
Beryllium	9-1	544.61	545.30	549.81	546.57	0.52	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Boron	10-1	551.12	551.91	560.18	554.40	0.90	ppb
Boron	11-1	557.39	558.71	565.55	560.55	0.78	ppb
Cadmium	111-1	488.72	496.68	497.83	494.41	1.00	ppb
Cadmium	106-1	495.82	507.42	503.92	502.39	1.18	ppb
Cadmium	108-1	492.89	509.92	501.48	501.43	1.70	ppb
Calcium	43-1	244674.86	244681.71	242347.39	243901.32	0.55	ppb
Calcium	44-1	243230.20	244722.01	242045.59	243332.60	0.55	ppb
Chromium	52-2	499.29	500.83	501.63	500.58	0.24	ppb
Cobalt	59-2	478.36	479.99	480.88	479.74	0.27	ppb
Copper	63-2	929.92	931.80	932.88	931.54	0.16	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				99		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	124057.54	124588.88	123478.57	124041.67	0.45	ppb
Iron	57-2	124580.32	123642.24	123949.29	124057.28	0.39	ppb
Lead	206-1	499.69	502.57	504.52	502.26	0.48	ppb
Lead	207-1	501.96	503.59	502.00	502.52	0.19	ppb
Lead	208-1	507.79	508.06	506.30	507.38	0.19	ppb
Lithium	6-1				91		%
Magnesium	24-2	254708.34	258127.40	257836.45	256890.73	0.74	ppb
Manganese	55-2	979.88	986.25	981.19	982.44	0.34	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:15:15	DataFile Name :	017CCV_P7052317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	512.56	502.26	511.09	508.64	1.09	ppb
Molybdenum	95-1	506.30	498.10	506.49	503.63	0.95	ppb
Molybdenum	96-1	499.65	490.06	498.53	496.08	1.06	ppb
Molybdenum	97-1	506.99	499.94	507.18	504.70	0.82	ppb
Molybdenum	98-1	507.83	503.47	521.06	510.78	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.13	481.22	479.59	479.32	0.43	ppb
Phosphorus	31-2	10237.16	10354.61	10040.78	10210.85	1.55	ppb
Potassium	39-2	126538.98	125701.39	125744.58	125994.99	0.37	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	510.13	513.67	514.86	512.89	0.48	ppb
Selenium	78-2	508.44	496.79	488.32	497.85	2.03	ppb
Selenium	82-1	488.97	481.30	497.44	489.24	1.65	ppb
Silicon	28-1	478.45	487.38	483.42	483.08	0.93	ppb
Silver	109-1	497.69	503.83	501.97	501.16	0.63	ppb
Silver	107-1	495.52	502.42	507.22	501.72	1.17	ppb
Sodium	23-2	251108.41	249660.47	250128.15	250299.01	0.30	ppb
Strontium	86-1	510.75	506.22	517.27	511.41	1.09	ppb
Strontium	88-1	513.31	512.63	522.52	516.15	1.07	ppb
Sulfur	34-1	9722.60	9934.56	9606.49	9754.55	1.71	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	511.03	513.14	518.85	514.34	0.79	ppb
Thallium	205-1	513.51	508.74	513.22	511.82	0.52	ppb
Tin	118-1	501.29	509.58	517.66	509.51	1.61	ppb
Titanium	47-1	495.42	491.90	493.02	493.45	0.36	ppb
Uranium	238-1	520.34	519.58	516.79	518.91	0.36	ppb
Vanadium	51-2	500.48	501.99	500.01	500.83	0.21	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	930.07	936.63	926.99	931.23	0.53	ppb
Zirconium	90-1	507.32	504.13	514.44	508.63	1.04	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:15:15	DataFile Name :	017CCV_P7052317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.51	497.56	510.12	503.73	1.25	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:21:51	DataFile Name :	018CCBE_P7052317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.57	0.33	0.11	-0.04		ppb
Antimony	121-1	0.95	1.14	1.26	1.11	13.99	ppb
Arsenic	75-2	0.21	0.20	0.22	0.21	5.36	ppb
Barium	135-1	0.02	0.01	0.02	0.02	21.15	ppb
Barium	137-1	0.00	0.01	0.03	0.01	157.60	ppb
Beryllium	9-1	0.07	0.05	0.08	0.07	26.12	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	7.77	6.75	6.72	7.08	8.44	ppb
Boron	11-1	6.73	6.79	6.69	6.74	0.75	ppb
Cadmium	111-1	-0.13	-0.06	-0.10	-0.10		ppb
Cadmium	106-1	-1.80	-0.92	-1.41	-1.37		ppb
Cadmium	108-1	0.03	0.03	0.10	0.05	73.33	ppb
Calcium	43-1	0.04	0.77	7.84	2.89	149.32	ppb
Calcium	44-1	-0.53	-0.04	10.51	3.31	188.08	ppb
Chromium	52-2	-0.01	0.00	-0.01	-0.01		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.66	-0.65	-0.67	-0.66		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	1.69	1.86	1.84	1.79	5.33	ppb
Iron	57-2	1.61	1.47	2.32	1.80	25.48	ppb
Lead	206-1	0.05	0.07	0.09	0.07	28.40	ppb
Lead	207-1	0.08	0.07	0.09	0.08	12.71	ppb
Lead	208-1	0.06	0.06	0.09	0.07	21.55	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.80	2.14	2.39	2.11	14.12	ppb
Manganese	55-2	-0.02	0.00	-0.01	-0.01		ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:21:51	DataFile Name :	018CCBE_P7052317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.15	0.17	0.15	16.19	ppb
Molybdenum	95-1	0.32	0.39	0.51	0.41	22.84	ppb
Molybdenum	96-1	0.25	0.34	0.43	0.34	26.96	ppb
Molybdenum	97-1	0.26	0.34	0.46	0.35	28.40	ppb
Molybdenum	98-1	0.27	0.36	0.49	0.37	29.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	15.21	8.54	4.14	9.30	59.95	ppb
Potassium	39-2	30.57	26.81	28.23	28.54	6.65	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.28	0.09	173.21	ppb
Selenium	78-2	0.65	0.76	0.43	0.61	27.30	ppb
Selenium	82-1	0.24	0.55	0.08	0.29	81.47	ppb
Silicon	28-1	-0.09	-0.43	0.40	-0.04		ppb
Silver	109-1	0.00	0.00	0.00	0.00	53.56	ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	-8.82	-7.79	-11.38	-9.33		ppb
Strontium	86-1	0.00	0.03	0.04	0.03	80.31	ppb
Strontium	88-1	-0.02	-0.01	-0.01	-0.02		ppb
Sulfur	34-1	-477.90	-605.67	-600.02	-561.20		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.07	0.05	25.42	ppb
Thallium	205-1	0.05	0.05	0.07	0.05	22.90	ppb
Tin	118-1	0.10	0.25	0.17	0.17	43.48	ppb
Titanium	47-1	-0.02	-0.01	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.03	0.01	223.23	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	-0.02	0.04	0.03	0.02	209.18	ppb
Zirconium	90-1	0.04	0.06	0.07	0.06	24.95	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:21:51	DataFile Name :	018CCBE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.07	0.06	3.82	ppb

LB Number : LB87664 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-05-23 12:25:30 DataFile Name : 019SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.18	17.46	17.94	17.20	5.30	ppb
Antimony	121-1	2.22	2.31	2.30	2.28	2.24	ppb
Arsenic	75-2	1.03	1.10	1.10	1.08	4.01	ppb
Barium	135-1	9.07	9.32	8.78	9.06	2.98	ppb
Barium	137-1	9.14	9.15	8.95	9.08	1.25	ppb
Beryllium	9-1	1.03	1.05	0.98	1.02	3.97	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	27.36	27.02	27.10	27.16	0.64	ppb
Boron	11-1	26.83	28.22	27.93	27.66	2.65	ppb
Cadmium	111-1	0.71	0.83	0.71	0.75	9.15	ppb
Cadmium	106-1	-1.55	-0.78	-1.66	-1.33		ppb
Cadmium	108-1	1.09	1.05	1.20	1.11	6.96	ppb
Calcium	43-1	441.35	431.91	433.49	435.58	1.16	ppb
Calcium	44-1	432.87	434.38	431.91	433.05	0.29	ppb
Chromium	52-2	1.79	1.90	1.90	1.86	3.31	ppb
Cobalt	59-2	0.90	0.89	0.87	0.89	2.05	ppb
Copper	63-2	1.43	1.33	1.43	1.39	4.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	45.75	45.67	46.48	45.97	0.97	ppb
Iron	57-2	46.30	46.30	46.57	46.39	0.33	ppb
Lead	206-1	0.91	0.91	0.90	0.91	0.80	ppb
Lead	207-1	0.93	0.95	0.95	0.94	1.34	ppb
Lead	208-1	0.94	0.93	0.93	0.93	0.43	ppb
Lithium	6-1				96		%
Magnesium	24-2	455.84	451.39	452.69	453.31	0.50	ppb
Manganese	55-2	0.97	0.91	0.90	0.93	3.77	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:25:30	DataFile Name :	019SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.96	1.99	1.94	1.96	1.27	ppb
Molybdenum	95-1	4.39	4.49	4.50	4.46	1.31	ppb
Molybdenum	96-1	3.84	3.71	3.82	3.79	1.89	ppb
Molybdenum	97-1	4.65	4.40	4.65	4.57	3.24	ppb
Molybdenum	98-1	4.43	4.31	4.60	4.45	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.93	0.88	0.91	3.50	ppb
Phosphorus	31-2	8.17	-2.97	-4.50	0.23	2999.11	ppb
Potassium	39-2	481.42	483.75	478.75	481.31	0.52	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	5.28	3.07	6.15	4.83	32.92	ppb
Selenium	78-2	5.06	5.17	4.55	4.93	6.72	ppb
Selenium	82-1	5.17	5.03	4.75	4.98	4.33	ppb
Silicon	28-1	9.19	10.27	9.85	9.77	5.60	ppb
Silver	109-1	1.27	1.28	1.22	1.26	2.45	ppb
Silver	107-1	1.21	1.24	1.22	1.22	1.19	ppb
Sodium	23-2	451.42	447.88	443.34	447.55	0.90	ppb
Strontium	86-1	0.90	0.89	0.87	0.89	1.39	ppb
Strontium	88-1	0.90	0.90	0.90	0.90	0.27	ppb
Sulfur	34-1	-467.27	-364.55	-415.07	-415.63		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.91	0.92	0.87	0.90	2.86	ppb
Thallium	205-1	0.89	0.93	0.89	0.90	2.47	ppb
Tin	118-1	4.59	4.68	4.66	4.64	1.05	ppb
Titanium	47-1	4.06	4.31	4.04	4.13	3.60	ppb
Uranium	238-1	0.84	0.84	0.83	0.84	0.70	ppb
Vanadium	51-2	4.39	4.38	4.48	4.42	1.27	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	1.82	1.95	1.83	1.86	3.86	ppb
Zirconium	90-1	0.91	0.89	0.88	0.89	1.73	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:25:30	DataFile Name :	019SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.97	0.91	0.83	0.90	7.60	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99200BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:29:01	DataFile Name :	020CCBE_P7052317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	0.07	-0.14	-0.02		ppb
Antimony	121-1	0.21	0.23	0.27	0.23	12.35	ppb
Arsenic	75-2	0.05	0.12	0.08	0.08	39.69	ppb
Barium	135-1	0.00	0.02	0.01	0.01	94.67	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	4.56	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	3.88	3.02	2.91	3.27	16.30	ppb
Boron	11-1	3.85	3.94	3.65	3.81	3.83	ppb
Cadmium	111-1	-0.04	-0.14	-0.04	-0.07		ppb
Cadmium	106-1	-0.63	-1.81	-0.53	-0.99		ppb
Cadmium	108-1	0.00	-0.04	-0.02	-0.02		ppb
Calcium	43-1	-3.66	0.50	-3.37	-2.18		ppb
Calcium	44-1	-1.72	-2.37	-2.06	-2.05		ppb
Chromium	52-2	-0.03	-0.04	0.00	-0.03		ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	-0.71	-0.71	-0.70	-0.71		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	0.70	0.80	0.82	0.77	7.88	ppb
Iron	57-2	1.42	1.42	0.96	1.27	21.00	ppb
Lead	206-1	0.00	0.00	0.00	0.00		ppb
Lead	207-1	0.02	0.02	0.00	0.01	58.88	ppb
Lead	208-1	0.01	0.01	0.00	0.01	48.81	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.47	1.06	1.43	1.32	17.02	ppb
Manganese	55-2	-0.02	-0.01	-0.02	-0.02		ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99200BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:29:01	DataFile Name :	020CCBE_P7052317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.08	0.08	0.07	18.88	ppb
Molybdenum	95-1	0.11	0.19	0.21	0.17	31.51	ppb
Molybdenum	96-1	0.09	0.14	0.16	0.13	26.07	ppb
Molybdenum	97-1	0.12	0.15	0.19	0.15	21.59	ppb
Molybdenum	98-1	0.11	0.15	0.20	0.16	29.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.06	-0.02	-0.03		ppb
Phosphorus	31-2	8.67	3.75	0.01	4.14	104.85	ppb
Potassium	39-2	22.42	18.81	19.67	20.30	9.31	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.85	0.28	173.21	ppb
Selenium	78-2	1.23	0.01	0.67	0.63	96.37	ppb
Selenium	82-1	0.27	-0.05	0.59	0.27	117.57	ppb
Silicon	28-1	-1.14	-0.36	-0.62	-0.71		ppb
Silver	109-1	-0.01	0.00	-0.01	-0.01		ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	-24.05	-22.44	-23.47	-23.32		ppb
Strontium	86-1	0.02	-0.03	-0.04	-0.01		ppb
Strontium	88-1	-0.02	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	-424.47	-314.86	-173.73	-304.35		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	25.07	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	28.59	ppb
Tin	118-1	0.02	0.08	0.05	0.05	59.79	ppb
Titanium	47-1	-0.04	-0.03	-0.06	-0.05		ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	-0.06	-0.04	0.03	-0.03		ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	54.85	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99200BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:29:01	DataFile Name :	020CCBE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.03	0.02	60.97	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99200BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:32:31	DataFile Name :	021LCSE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.99	36.41	38.03	37.48	2.46	ppb
Antimony	121-1	3.97	4.00	3.92	3.96	1.04	ppb
Arsenic	75-2	2.08	2.18	2.11	2.13	2.50	ppb
Barium	135-1	18.59	19.05	19.17	18.94	1.61	ppb
Barium	137-1	18.83	19.16	19.09	19.02	0.92	ppb
Beryllium	9-1	2.18	2.18	2.19	2.18	0.18	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	50.65	52.53	52.44	51.88	2.04	ppb
Boron	11-1	51.67	52.81	53.23	52.57	1.53	ppb
Cadmium	111-1	1.90	1.83	1.94	1.89	3.11	ppb
Cadmium	106-1	1.10	0.04	0.89	0.68	82.81	ppb
Cadmium	108-1	1.74	1.95	1.92	1.87	6.11	ppb
Calcium	43-1	905.61	887.53	898.20	897.11	1.01	ppb
Calcium	44-1	899.36	907.16	890.48	899.00	0.93	ppb
Chromium	52-2	3.84	3.80	3.83	3.82	0.42	ppb
Cobalt	59-2	1.92	1.88	1.96	1.92	2.09	ppb
Copper	63-2	3.43	3.57	3.60	3.54	2.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	374.28	374.94	378.15	375.79	0.55	ppb
Iron	57-2	374.27	377.17	375.85	375.76	0.39	ppb
Lead	206-1	2.01	2.06	2.03	2.03	1.10	ppb
Lead	207-1	2.09	2.04	2.02	2.05	1.73	ppb
Lead	208-1	2.08	2.08	2.04	2.07	0.97	ppb
Lithium	6-1				96		%
Magnesium	24-2	950.83	954.25	949.93	951.67	0.24	ppb
Manganese	55-2	2.07	2.10	2.04	2.07	1.58	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99200BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:32:31	DataFile Name :	021LCSE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.97	4.09	4.01	4.03	1.53	ppb
Molybdenum	95-1	9.10	9.28	9.18	9.19	0.96	ppb
Molybdenum	96-1	7.95	7.65	7.78	7.79	1.96	ppb
Molybdenum	97-1	9.35	9.30	9.21	9.28	0.76	ppb
Molybdenum	98-1	9.18	9.22	9.10	9.17	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	2.01	1.99	1.98	2.22	ppb
Phosphorus	31-2	14.13	4.57	-1.94	5.59	144.75	ppb
Potassium	39-2	950.56	952.62	975.66	959.61	1.45	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	77-2	8.99	10.10	8.93	9.34	7.04	ppb
Selenium	78-2	9.81	9.84	11.48	10.38	9.18	ppb
Selenium	82-1	9.05	9.92	9.81	9.59	4.90	ppb
Silicon	28-1	18.99	19.08	19.85	19.31	2.45	ppb
Silver	109-1	2.00	2.05	2.04	2.03	1.28	ppb
Silver	107-1	2.02	2.08	2.09	2.06	1.68	ppb
Sodium	23-2	930.25	932.58	936.19	933.00	0.32	ppb
Strontium	86-1	1.92	2.00	1.99	1.97	2.19	ppb
Strontium	88-1	1.93	1.96	1.93	1.94	0.69	ppb
Sulfur	34-1	-319.94	-279.83	-351.00	-316.92		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	1.85	1.85	1.76	1.82	2.93	ppb
Thallium	205-1	1.85	1.81	1.77	1.81	2.08	ppb
Tin	118-1	9.39	9.49	9.56	9.48	0.88	ppb
Titanium	47-1	9.00	8.94	9.04	9.00	0.56	ppb
Uranium	238-1	1.74	1.76	1.76	1.75	0.65	ppb
Vanadium	51-2	9.19	9.25	9.40	9.28	1.16	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	3.82	3.85	4.04	3.90	2.99	ppb
Zirconium	90-1	1.83	1.80	1.80	1.81	0.92	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99200BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:32:31	DataFile Name :	021LCSE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.83	1.86	1.75	1.81	3.36	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99201BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:36:02	DataFile Name :	022CCBE_P7052317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.35	0.18	-0.20	-0.12		ppb
Antimony	121-1	0.09	0.11	0.12	0.11	10.80	ppb
Arsenic	75-2	0.03	0.04	0.04	0.04	17.39	ppb
Barium	135-1	0.01	0.01	0.01	0.01	46.28	ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	27.80	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	1.67	1.29	1.70	1.55	14.82	ppb
Boron	11-1	2.02	1.90	2.02	1.98	3.59	ppb
Cadmium	111-1	-0.05	-0.14	-0.21	-0.13		ppb
Cadmium	106-1	-0.68	-1.90	-2.65	-1.74		ppb
Cadmium	108-1	-0.01	-0.02	0.03	0.00		ppb
Calcium	43-1	-1.77	-0.61	-2.72	-1.70		ppb
Calcium	44-1	-2.85	-2.60	-3.10	-2.85		ppb
Chromium	52-2	-0.01	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.01		ppb
Copper	63-2	-0.74	-0.73	-0.72	-0.73		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	0.52	0.58	0.57	0.56	5.20	ppb
Iron	57-2	1.21	0.22	0.52	0.65	77.82	ppb
Lead	206-1	-0.02	-0.02	-0.02	-0.02		ppb
Lead	207-1	-0.01	-0.01	0.00	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				98		%
Magnesium	24-2	1.38	1.28	1.30	1.32	4.11	ppb
Manganese	55-2	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99201BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:36:02	DataFile Name :	022CCBE_P7052317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.06	0.04	0.04	48.99	ppb
Molybdenum	95-1	0.07	0.09	0.13	0.10	27.60	ppb
Molybdenum	96-1	0.05	0.07	0.10	0.07	38.75	ppb
Molybdenum	97-1	0.05	0.07	0.13	0.08	56.25	ppb
Molybdenum	98-1	0.06	0.09	0.13	0.09	39.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.02	0.02	0.00	1696.37	ppb
Phosphorus	31-2	-6.12	-0.96	4.50	-0.86		ppb
Potassium	39-2	15.81	10.42	16.41	14.21	23.22	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	77-2	0.28	0.00	0.00	0.09	173.21	ppb
Selenium	78-2	-0.28	0.81	-0.30	0.08	841.36	ppb
Selenium	82-1	0.31	0.11	0.11	0.17	67.78	ppb
Silicon	28-1	-1.19	-0.95	-1.54	-1.23		ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Sodium	23-2	-29.05	-28.94	-30.32	-29.44		ppb
Strontium	86-1	0.02	-0.07	0.02	-0.01		ppb
Strontium	88-1	-0.02	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	-246.23	-322.28	-349.11	-305.87		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	0.00	0.00	55.63	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	101.60	ppb
Tin	118-1	0.01	0.02	0.04	0.02	83.25	ppb
Titanium	47-1	-0.04	0.00	-0.02	-0.02		ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	-0.05	-0.07	-0.02	-0.05		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	28.38	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99201BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:36:02	DataFile Name :	022CCBE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.02	32.27	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99201BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:39:33	DataFile Name :	023LCSE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.17	35.38	36.69	35.75	2.29	ppb
Antimony	121-1	3.93	3.73	3.82	3.83	2.53	ppb
Arsenic	75-2	2.04	2.10	1.90	2.01	5.19	ppb
Barium	135-1	18.64	18.29	18.07	18.33	1.57	ppb
Barium	137-1	18.57	18.50	18.38	18.48	0.51	ppb
Beryllium	9-1	2.09	2.22	2.15	2.16	3.03	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	46.05	50.31	48.16	48.18	4.42	ppb
Boron	11-1	49.60	50.63	49.37	49.87	1.35	ppb
Cadmium	111-1	1.75	1.81	1.78	1.78	1.81	ppb
Cadmium	106-1	0.08	0.74	0.83	0.55	73.78	ppb
Cadmium	108-1	1.99	1.88	1.53	1.80	13.33	ppb
Calcium	43-1	878.89	872.79	877.43	876.37	0.36	ppb
Calcium	44-1	875.23	879.22	883.81	879.42	0.49	ppb
Chromium	52-2	3.75	3.69	3.65	3.69	1.39	ppb
Cobalt	59-2	1.88	1.93	1.90	1.90	1.40	ppb
Copper	63-2	3.32	3.26	3.37	3.32	1.64	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				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	364.09	364.11	366.01	364.74	0.30	ppb
Iron	57-2	363.47	363.60	361.62	362.90	0.31	ppb
Lead	206-1	2.02	1.97	2.00	2.00	1.36	ppb
Lead	207-1	2.00	1.96	1.98	1.98	0.84	ppb
Lead	208-1	2.01	2.00	2.01	2.01	0.20	ppb
Lithium	6-1				97		%
Magnesium	24-2	923.54	926.66	924.40	924.87	0.17	ppb
Manganese	55-2	1.95	2.02	1.98	1.99	1.78	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99201BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:39:33	DataFile Name :	023LCSE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.78	3.83	3.89	3.83	1.40	ppb
Molybdenum	95-1	8.88	8.85	9.02	8.92	1.00	ppb
Molybdenum	96-1	7.46	7.37	7.54	7.46	1.16	ppb
Molybdenum	97-1	8.83	8.84	9.07	8.91	1.53	ppb
Molybdenum	98-1	8.56	8.75	8.76	8.69	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	1.97	1.94	1.95	1.07	ppb
Phosphorus	31-2	4.29	-4.74	-5.73	-2.06		ppb
Potassium	39-2	922.73	928.03	922.52	924.43	0.34	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	10.58	6.39	9.87	8.95	25.06	ppb
Selenium	78-2	10.21	9.91	10.52	10.21	3.00	ppb
Selenium	82-1	9.47	8.92	9.09	9.16	3.05	ppb
Silicon	28-1	18.16	18.39	18.91	18.49	2.09	ppb
Silver	109-1	2.01	1.94	1.99	1.98	1.71	ppb
Silver	107-1	1.96	1.99	1.99	1.98	0.95	ppb
Sodium	23-2	893.72	898.74	901.37	897.94	0.43	ppb
Strontium	86-1	1.85	1.82	1.84	1.84	0.95	ppb
Strontium	88-1	1.87	1.89	1.85	1.87	1.03	ppb
Sulfur	34-1	-233.63	-260.78	-198.87	-231.10		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	1.75	1.74	1.73	1.74	0.66	ppb
Thallium	205-1	1.78	1.77	1.78	1.78	0.04	ppb
Tin	118-1	9.24	9.21	9.12	9.19	0.72	ppb
Titanium	47-1	8.76	8.82	8.70	8.76	0.65	ppb
Uranium	238-1	1.74	1.72	1.70	1.72	0.95	ppb
Vanadium	51-2	8.93	8.99	9.05	8.99	0.71	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	3.48	3.69	3.66	3.61	3.18	ppb
Zirconium	90-1	1.71	1.72	1.67	1.70	1.56	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99201BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:39:33	DataFile Name :	023LCSE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.67	1.78	1.71	1.72	3.29	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99202BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:43:04	DataFile Name :	024CCBE_P7052317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	-0.19	0.12	-0.05		ppb
Antimony	121-1	0.05	0.06	0.08	0.06	23.19	ppb
Arsenic	75-2	0.02	0.03	0.01	0.02	48.81	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	930.54	ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	37.75	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	1.32	1.49	1.61	1.48	9.78	ppb
Boron	11-1	1.68	1.67	1.31	1.56	13.57	ppb
Cadmium	111-1	-0.14	-0.11	-0.13	-0.13		ppb
Cadmium	106-1	-1.83	-1.47	-1.57	-1.63		ppb
Cadmium	108-1	0.05	-0.05	0.05	0.01	420.37	ppb
Calcium	43-1	-1.81	-2.70	0.36	-1.39		ppb
Calcium	44-1	-2.26	-2.86	-2.71	-2.61		ppb
Chromium	52-2	-0.01	-0.01	-0.02	-0.01		ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	-0.75	-0.76	-0.78	-0.76		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	0.60	0.48	0.45	0.51	15.48	ppb
Iron	57-2	0.43	0.43	0.11	0.32	58.02	ppb
Lead	206-1	-0.02	-0.01	-0.02	-0.02		ppb
Lead	207-1	-0.01	-0.02	-0.03	-0.02		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				98		%
Magnesium	24-2	1.18	1.59	1.44	1.40	14.77	ppb
Manganese	55-2	-0.03	-0.02	-0.01	-0.02		ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99202BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:43:04	DataFile Name :	024CCBE_P7052317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.03	0.03	32.68	ppb
Molybdenum	95-1	0.03	0.06	0.09	0.06	47.40	ppb
Molybdenum	96-1	0.03	0.06	0.08	0.06	42.99	ppb
Molybdenum	97-1	0.06	0.06	0.09	0.07	26.49	ppb
Molybdenum	98-1	0.05	0.07	0.09	0.07	33.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.06	-0.03		ppb
Phosphorus	31-2	2.86	-5.02	-5.25	-2.47		ppb
Potassium	39-2	11.97	9.75	14.09	11.94	18.17	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.79	0.35	-0.12	0.34	132.78	ppb
Selenium	82-1	0.15	0.23	-0.11	0.09	192.64	ppb
Silicon	28-1	-0.60	-0.62	-0.62	-0.61		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	107-1	-0.01	-0.01	-0.02	-0.01		ppb
Sodium	23-2	-33.38	-33.17	-34.06	-33.53		ppb
Strontium	86-1	0.01	-0.02	-0.04	-0.02		ppb
Strontium	88-1	-0.02	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	-63.43	-85.71	-157.68	-102.27		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.01	0.00	0.00	224.44	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	0.02	0.01	0.01	59.21	ppb
Titanium	47-1	-0.04	-0.01	-0.02	-0.03		ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	-0.10	-0.09	-0.10	-0.10		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	9.90	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99202BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:43:04	DataFile Name :	024CCBE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.02	0.01	0.01	165.82	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99202BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:46:35	DataFile Name :	025LCSE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.16	36.77	35.06	36.66	4.24	ppb
Antimony	121-1	3.84	3.81	3.81	3.82	0.53	ppb
Arsenic	75-2	2.04	2.09	2.07	2.07	1.32	ppb
Barium	135-1	18.43	18.30	18.34	18.36	0.37	ppb
Barium	137-1	18.61	18.62	18.34	18.53	0.87	ppb
Beryllium	9-1	2.03	2.00	2.13	2.05	3.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	51.16	49.76	48.79	49.90	2.39	ppb
Boron	11-1	49.80	49.27	50.39	49.82	1.12	ppb
Cadmium	111-1	1.71	1.76	1.80	1.76	2.65	ppb
Cadmium	106-1	-0.73	-0.43	-0.06	-0.40		ppb
Cadmium	108-1	1.93	1.90	1.78	1.87	4.33	ppb
Calcium	43-1	892.23	889.20	872.18	884.53	1.22	ppb
Calcium	44-1	888.64	895.10	880.20	887.98	0.84	ppb
Chromium	52-2	3.83	3.76	3.68	3.75	2.02	ppb
Cobalt	59-2	1.93	1.92	1.94	1.93	0.42	ppb
Copper	63-2	3.41	3.43	3.37	3.40	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	372.73	368.23	367.04	369.34	0.81	ppb
Iron	57-2	372.41	374.63	365.68	370.90	1.26	ppb
Lead	206-1	1.97	2.00	1.98	1.99	0.66	ppb
Lead	207-1	1.93	2.00	1.97	1.97	1.92	ppb
Lead	208-1	2.00	2.03	2.02	2.02	0.54	ppb
Lithium	6-1				97		%
Magnesium	24-2	938.75	936.84	939.19	938.26	0.13	ppb
Manganese	55-2	1.99	1.99	2.00	1.99	0.34	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99202BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:46:35	DataFile Name :	025LCSE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.92	3.89	3.84	3.89	1.04	ppb
Molybdenum	95-1	9.13	8.92	8.98	9.01	1.24	ppb
Molybdenum	96-1	7.66	7.55	7.74	7.65	1.25	ppb
Molybdenum	97-1	9.05	9.04	9.12	9.07	0.46	ppb
Molybdenum	98-1	8.78	8.93	9.02	8.91	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	2.03	2.01	1.99	2.69	ppb
Phosphorus	31-2	7.19	-5.37	-4.04	-0.74		ppb
Potassium	39-2	950.81	927.01	942.14	939.99	1.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	10.65	9.49	10.70	10.28	6.64	ppb
Selenium	78-2	11.31	10.43	9.56	10.43	8.38	ppb
Selenium	82-1	8.65	9.58	9.27	9.16	5.19	ppb
Silicon	28-1	18.62	19.10	18.70	18.81	1.36	ppb
Silver	109-1	1.99	2.00	2.02	2.00	0.73	ppb
Silver	107-1	1.94	1.93	1.96	1.95	0.74	ppb
Sodium	23-2	927.03	901.22	912.25	913.50	1.42	ppb
Strontium	86-1	1.83	1.89	1.90	1.87	2.03	ppb
Strontium	88-1	1.86	1.87	1.98	1.90	3.31	ppb
Sulfur	34-1	-167.12	-109.07	-111.35	-129.18		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	1.73	1.79	1.65	1.72	3.85	ppb
Thallium	205-1	1.79	1.80	1.81	1.80	0.83	ppb
Tin	118-1	9.33	9.33	9.20	9.29	0.81	ppb
Titanium	47-1	8.73	8.82	8.99	8.85	1.51	ppb
Uranium	238-1	1.72	1.74	1.73	1.73	0.74	ppb
Vanadium	51-2	9.18	9.26	9.00	9.15	1.41	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	3.79	3.86	3.83	3.83	1.03	ppb
Zirconium	90-1	1.75	1.76	1.69	1.73	2.33	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99202BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:46:35	DataFile Name :	025LCSE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.71	1.66	1.74	1.70	2.43	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-01	Instrumnet Name :	P7
Client Sample ID :	MGA150	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:50:06	DataFile Name :	026SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.26	3.93	3.30	3.50	10.61	ppb
Antimony	121-1	0.07	0.07	0.09	0.08	13.98	ppb
Arsenic	75-2	0.25	0.26	0.22	0.24	9.12	ppb
Barium	135-1	51.81	52.20	52.31	52.11	0.51	ppb
Barium	137-1	52.02	52.81	52.35	52.39	0.76	ppb
Beryllium	9-1	0.03	0.02	0.03	0.02	30.92	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	127.01	125.70	124.22	125.64	1.11	ppb
Boron	11-1	127.07	128.19	127.80	127.68	0.45	ppb
Cadmium	111-1	-0.13	-0.13	-0.11	-0.13		ppb
Cadmium	106-1	-1.84	-2.02	-1.71	-1.86		ppb
Cadmium	108-1	0.07	0.08	0.04	0.07	32.33	ppb
Calcium	43-1	43729.65	44186.91	43776.50	43897.69	0.57	ppb
Calcium	44-1	44472.80	45190.41	44843.29	44835.50	0.80	ppb
Chromium	52-2	-0.11	-0.12	-0.12	-0.12		ppb
Cobalt	59-2	0.08	0.08	0.08	0.08	2.35	ppb
Copper	63-2	7.91	8.02	8.04	7.99	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				108		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	56-2	18.19	18.56	17.83	18.19	2.02	ppb
Iron	57-2	30.10	29.25	29.34	29.56	1.58	ppb
Lead	206-1	1.06	1.08	1.07	1.07	1.14	ppb
Lead	207-1	0.97	0.97	1.01	0.98	2.42	ppb
Lead	208-1	1.02	1.04	1.05	1.04	1.64	ppb
Lithium	6-1				105		%
Magnesium	24-2	30054.55	29648.94	29347.45	29683.65	1.20	ppb
Manganese	55-2	2.45	2.57	2.45	2.49	2.90	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-01	Instrumnet Name :	P7
Client Sample ID :	MGA150	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:50:06	DataFile Name :	026SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.29	0.29	0.29	1.39	ppb
Molybdenum	95-1	0.81	0.91	0.89	0.87	5.88	ppb
Molybdenum	96-1	0.70	0.66	0.75	0.70	5.79	ppb
Molybdenum	97-1	0.87	0.84	0.86	0.86	1.65	ppb
Molybdenum	98-1	0.89	0.89	0.84	0.88	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.36	0.29	0.31	15.12	ppb
Phosphorus	31-2	2.18	-12.24	6.90	-1.05		ppb
Potassium	39-2	2736.32	2738.06	2702.93	2725.77	0.73	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				114		%
Scandium	45-2				108		%
Selenium	77-2	0.83	0.56	0.00	0.46	91.40	ppb
Selenium	78-2	0.73	0.62	0.54	0.63	14.95	ppb
Selenium	82-1	0.52	0.02	0.58	0.37	81.93	ppb
Silicon	28-1	3606.01	3646.57	3591.88	3614.82	0.79	ppb
Silver	109-1	0.15	0.20	0.23	0.20	19.19	ppb
Silver	107-1	0.17	0.19	0.20	0.19	8.37	ppb
Sodium	23-2	5011.89	4942.27	4943.75	4965.97	0.80	ppb
Strontium	86-1	162.04	163.89	164.11	163.35	0.70	ppb
Strontium	88-1	166.21	166.05	166.93	166.40	0.28	ppb
Sulfur	34-1	6152.16	6557.87	6483.57	6397.87	3.38	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.01	0.01	0.01	72.44	ppb
Thallium	205-1	0.00	0.01	0.01	0.00	83.71	ppb
Tin	118-1	0.04	0.03	0.03	0.03	17.84	ppb
Titanium	47-1	0.36	0.27	0.32	0.32	14.65	ppb
Uranium	238-1	1.10	1.12	1.11	1.11	1.07	ppb
Vanadium	51-2	0.04	0.03	0.04	0.04	4.40	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	24.57	25.50	24.80	24.96	1.93	ppb
Zirconium	90-1	0.06	0.07	0.07	0.07	12.74	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-01	Instrumnet Name :	P7
Client Sample ID :	MGA150	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:50:06	DataFile Name :	026SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.05	0.07	0.06	11.89	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-02	Instrumnet Name :	P7
Client Sample ID :	MGA150D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:53:36	DataFile Name :	027SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.30	2.98	3.40	3.23	6.90	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	13.20	ppb
Arsenic	75-2	0.20	0.22	0.24	0.22	7.44	ppb
Barium	135-1	51.99	51.48	50.87	51.45	1.09	ppb
Barium	137-1	52.47	51.61	51.17	51.75	1.28	ppb
Beryllium	9-1	0.02	-0.01	0.02	0.01	142.67	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	118.54	124.33	122.28	121.72	2.41	ppb
Boron	11-1	122.72	125.23	126.56	124.84	1.56	ppb
Cadmium	111-1	-0.14	-0.15	-0.09	-0.12		ppb
Cadmium	106-1	-1.99	-2.08	-1.39	-1.82		ppb
Cadmium	108-1	0.00	0.00	0.00	0.00		ppb
Calcium	43-1	44287.46	43896.11	43789.08	43990.88	0.60	ppb
Calcium	44-1	44734.98	44625.38	44118.57	44492.98	0.74	ppb
Chromium	52-2	-0.12	-0.13	-0.09	-0.11		ppb
Cobalt	59-2	0.09	0.07	0.08	0.08	11.75	ppb
Copper	63-2	8.63	8.52	8.53	8.56	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	18.58	17.78	18.07	18.14	2.23	ppb
Iron	57-2	30.24	28.90	30.87	30.00	3.35	ppb
Lead	206-1	1.04	1.05	1.06	1.05	0.99	ppb
Lead	207-1	1.00	1.03	1.01	1.02	1.64	ppb
Lead	208-1	1.02	1.06	1.05	1.04	1.95	ppb
Lithium	6-1				106		%
Magnesium	24-2	30063.31	29588.74	29704.08	29785.38	0.83	ppb
Manganese	55-2	2.57	2.55	2.54	2.55	0.68	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-02	Instrumnet Name :	P7
Client Sample ID :	MGA150D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:53:36	DataFile Name :	027SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.29	0.28	0.30	0.29	1.83	ppb
Molybdenum	95-1	0.83	0.84	0.84	0.84	0.76	ppb
Molybdenum	96-1	0.67	0.72	0.68	0.69	3.74	ppb
Molybdenum	97-1	0.78	0.81	0.89	0.83	7.23	ppb
Molybdenum	98-1	0.86	0.85	0.81	0.84	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.35	0.25	0.31	16.96	ppb
Phosphorus	31-2	2.34	4.51	-5.20	0.55	926.16	ppb
Potassium	39-2	2738.32	2707.24	2725.99	2723.85	0.57	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	77-2	0.55	0.00	0.56	0.37	86.61	ppb
Selenium	78-2	0.46	0.20	-0.19	0.16	204.10	ppb
Selenium	82-1	0.52	0.22	-0.17	0.19	182.96	ppb
Silicon	28-1	3658.51	3611.56	3597.96	3622.68	0.88	ppb
Silver	109-1	0.24	0.24	0.27	0.25	7.75	ppb
Silver	107-1	0.22	0.26	0.27	0.25	10.60	ppb
Sodium	23-2	5014.00	4947.94	5041.15	5001.03	0.96	ppb
Strontium	86-1	162.54	162.86	162.17	162.52	0.21	ppb
Strontium	88-1	166.31	166.03	166.74	166.36	0.22	ppb
Sulfur	34-1	6708.43	6623.97	6583.57	6638.66	0.96	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.03	0.01	0.03	0.02	57.46	ppb
Titanium	47-1	0.38	0.36	0.40	0.38	5.06	ppb
Uranium	238-1	1.11	1.11	1.10	1.11	0.43	ppb
Vanadium	51-2	0.04	0.05	0.07	0.05	21.09	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	25.68	25.27	25.29	25.41	0.89	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	7.37	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-02	Instrumnet Name :	P7
Client Sample ID :	MGA150D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:53:36	DataFile Name :	027SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.04	0.04	8.85	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-01LX5	Instrumnet Name :	P7
Client Sample ID :	MGA150L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 12:57:05	DataFile Name :	028SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.44	0.05	0.36	0.29	71.54	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	9.70	ppb
Arsenic	75-2	0.03	0.04	0.06	0.04	42.05	ppb
Barium	135-1	10.28	9.72	9.67	9.89	3.42	ppb
Barium	137-1	9.98	9.94	9.78	9.90	1.10	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	50.65	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	26.05	27.19	25.69	26.31	2.96	ppb
Boron	11-1	28.83	28.57	28.87	28.76	0.56	ppb
Cadmium	111-1	-0.11	-0.16	-0.17	-0.15		ppb
Cadmium	106-1	-1.47	-2.04	-2.21	-1.90		ppb
Cadmium	108-1	-0.01	0.03	-0.01	0.00	1004.03	ppb
Calcium	43-1	8431.06	8519.61	8575.16	8508.61	0.85	ppb
Calcium	44-1	8547.30	8603.85	8633.87	8595.00	0.51	ppb
Chromium	52-2	-0.08	-0.07	-0.05	-0.07		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	112.60	ppb
Copper	63-2	1.17	1.23	1.16	1.19	3.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	3.50	3.48	3.66	3.54	2.76	ppb
Iron	57-2	5.91	7.04	5.32	6.09	14.31	ppb
Lead	206-1	0.15	0.14	0.13	0.14	6.27	ppb
Lead	207-1	0.14	0.14	0.13	0.14	3.28	ppb
Lead	208-1	0.15	0.14	0.13	0.14	4.27	ppb
Lithium	6-1				100		%
Magnesium	24-2	5706.29	5736.43	5655.91	5699.54	0.71	ppb
Manganese	55-2	0.50	0.49	0.41	0.47	10.19	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-01LX5	Instrumnet Name :	P7
Client Sample ID :	MGA150L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 12:57:05	DataFile Name :	028SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.07	0.06	16.79	ppb
Molybdenum	95-1	0.21	0.19	0.19	0.19	6.07	ppb
Molybdenum	96-1	0.14	0.13	0.15	0.14	5.10	ppb
Molybdenum	97-1	0.19	0.22	0.21	0.21	9.03	ppb
Molybdenum	98-1	0.17	0.19	0.19	0.18	5.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.01	0.01	102.32	ppb
Phosphorus	31-2	-3.61	6.53	-7.30	-1.46		ppb
Potassium	39-2	533.47	539.05	527.11	533.21	1.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	0.28	0.28	0.00	0.19	86.60	ppb
Selenium	78-2	0.12	0.64	-0.09	0.22	168.94	ppb
Selenium	82-1	0.59	0.29	0.15	0.34	65.10	ppb
Silicon	28-1	688.48	690.12	697.43	692.01	0.69	ppb
Silver	109-1	0.06	0.06	0.05	0.06	4.61	ppb
Silver	107-1	0.05	0.07	0.05	0.06	16.40	ppb
Sodium	23-2	926.73	929.23	923.34	926.43	0.32	ppb
Strontium	86-1	31.48	31.38	31.52	31.46	0.22	ppb
Strontium	88-1	31.99	31.75	31.75	31.83	0.44	ppb
Sulfur	34-1	1300.13	1243.05	1282.58	1275.25	2.29	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.03	-0.03	-0.01	-0.02		ppb
Titanium	47-1	0.06	0.04	0.11	0.07	51.51	ppb
Uranium	238-1	0.21	0.20	0.20	0.20	1.21	ppb
Vanadium	51-2	0.00	0.01	0.01	0.00	160.40	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	4.80	4.71	4.58	4.70	2.32	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	10.00	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-01LX5	Instrumnet Name :	P7
Client Sample ID :	MGA150L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 12:57:05	DataFile Name :	028SMPL_P7052317-MS

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

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-03	Instrumnet Name :	P7
Client Sample ID :	MGA150S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:00:34	DataFile Name :	029SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2041.76	2024.89	2039.95	2035.53	0.46	ppb
Antimony	121-1	108.72	107.51	108.09	108.11	0.56	ppb
Arsenic	75-2	42.97	43.25	43.05	43.09	0.34	ppb
Barium	135-1	2239.30	2191.50	2248.17	2226.32	1.37	ppb
Barium	137-1	2221.97	2196.44	2248.31	2222.24	1.17	ppb
Beryllium	9-1	54.87	54.41	53.17	54.15	1.62	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	120.13	122.73	119.28	120.72	1.49	ppb
Boron	11-1	124.75	126.06	125.01	125.27	0.56	ppb
Cadmium	111-1	53.60	53.47	53.99	53.69	0.50	ppb
Cadmium	106-1	40.52	41.99	41.45	41.32	1.80	ppb
Cadmium	108-1	48.34	47.00	47.95	47.76	1.44	ppb
Calcium	43-1	44461.03	44804.97	45276.63	44847.55	0.91	ppb
Calcium	44-1	45195.49	45403.82	46091.59	45563.63	1.03	ppb
Chromium	52-2	214.22	213.12	215.34	214.23	0.52	ppb
Cobalt	59-2	547.24	545.34	548.24	546.94	0.27	ppb
Copper	63-2	283.37	283.80	286.50	284.56	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	1109.83	1103.67	1109.07	1107.52	0.30	ppb
Iron	57-2	1120.27	1115.20	1126.92	1120.80	0.52	ppb
Lead	206-1	21.65	21.67	21.50	21.60	0.42	ppb
Lead	207-1	21.62	21.31	21.25	21.39	0.92	ppb
Lead	208-1	21.82	21.68	21.63	21.71	0.46	ppb
Lithium	6-1				102		%
Magnesium	24-2	30398.20	30155.02	30047.36	30200.19	0.60	ppb
Manganese	55-2	538.75	541.63	542.34	540.91	0.35	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-03	Instrumnet Name :	P7
Client Sample ID :	MGA150S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:00:34	DataFile Name :	029SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.30	0.34	0.30	0.31	7.15	ppb
Molybdenum	95-1	0.89	0.89	0.91	0.90	1.68	ppb
Molybdenum	96-1	0.73	0.78	0.76	0.76	3.71	ppb
Molybdenum	97-1	0.89	0.92	0.89	0.90	1.83	ppb
Molybdenum	98-1	0.92	0.93	0.89	0.92	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	549.27	547.35	552.27	549.63	0.45	ppb
Phosphorus	31-2	0.04	-5.51	0.24	-1.74		ppb
Potassium	39-2	2787.67	2762.52	2751.74	2767.31	0.67	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	110.25	118.06	106.74	111.68	5.19	ppb
Selenium	78-2	112.35	110.74	111.89	111.66	0.74	ppb
Selenium	82-1	110.53	111.24	109.74	110.50	0.68	ppb
Silicon	28-1	3587.49	3620.33	3657.60	3621.80	0.97	ppb
Silver	109-1	61.07	61.03	61.19	61.09	0.14	ppb
Silver	107-1	60.89	60.78	61.41	61.03	0.55	ppb
Sodium	23-2	5095.63	5062.71	5088.05	5082.13	0.34	ppb
Strontium	86-1	163.18	166.02	164.88	164.70	0.87	ppb
Strontium	88-1	166.35	170.04	167.49	167.96	1.13	ppb
Sulfur	34-1	6350.51	6508.84	6628.37	6495.91	2.15	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	51.48	51.66	51.73	51.62	0.25	ppb
Thallium	205-1	52.21	52.57	52.22	52.33	0.39	ppb
Tin	118-1	0.04	0.01	0.05	0.03	54.48	ppb
Titanium	47-1	0.32	0.36	0.46	0.38	19.25	ppb
Uranium	238-1	1.13	1.14	1.13	1.14	0.74	ppb
Vanadium	51-2	533.84	533.27	536.94	534.69	0.37	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	583.24	582.69	584.72	583.55	0.18	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	10.98	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-03	Instrumnet Name :	P7
Client Sample ID :	MGA150S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:00:34	DataFile Name :	029SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.09	0.04	0.06	40.92	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-04	Instrumnet Name :	P7
Client Sample ID :	MGA151	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:04:02	DataFile Name :	030SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.54	0.23	0.72	0.83	79.89	ppb
Antimony	121-1	0.05	0.05	0.07	0.06	15.00	ppb
Arsenic	75-2	0.24	0.34	0.26	0.28	17.86	ppb
Barium	135-1	51.40	51.60	51.35	51.45	0.25	ppb
Barium	137-1	51.30	51.64	51.72	51.55	0.44	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	34.25	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	100.64	96.66	100.84	99.38	2.37	ppb
Boron	11-1	101.92	103.57	104.28	103.25	1.17	ppb
Cadmium	111-1	-0.15	-0.14	-0.10	-0.13		ppb
Cadmium	106-1	-2.10	-2.06	-1.52	-1.89		ppb
Cadmium	108-1	0.01	0.04	0.00	0.02	119.40	ppb
Calcium	43-1	44037.43	43621.22	43795.49	43818.05	0.48	ppb
Calcium	44-1	44738.62	44250.40	44653.22	44547.41	0.59	ppb
Chromium	52-2	-0.02	-0.01	-0.02	-0.02		ppb
Cobalt	59-2	0.09	0.09	0.08	0.09	7.73	ppb
Copper	63-2	5.21	5.31	5.30	5.27	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	11.77	11.86	11.98	11.87	0.88	ppb
Iron	57-2	23.07	22.13	22.45	22.55	2.13	ppb
Lead	206-1	0.18	0.18	0.18	0.18	2.58	ppb
Lead	207-1	0.17	0.18	0.17	0.17	4.30	ppb
Lead	208-1	0.18	0.18	0.18	0.18	1.05	ppb
Lithium	6-1				104		%
Magnesium	24-2	29970.15	29875.15	29874.22	29906.51	0.18	ppb
Manganese	55-2	2.36	2.33	2.35	2.35	0.59	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-04	Instrumnet Name :	P7
Client Sample ID :	MGA151	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:04:02	DataFile Name :	030SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.27	0.27	0.28	0.27	1.87	ppb
Molybdenum	95-1	0.80	0.84	0.77	0.81	4.40	ppb
Molybdenum	96-1	0.66	0.67	0.71	0.68	3.79	ppb
Molybdenum	97-1	0.85	0.78	0.80	0.81	4.75	ppb
Molybdenum	98-1	0.84	0.82	0.86	0.84	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.24	0.28	0.28	12.63	ppb
Phosphorus	31-2	1.48	-13.58	-14.71	-8.94		ppb
Potassium	39-2	2618.32	2599.78	2618.12	2612.08	0.41	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	77-2	0.28	0.28	0.28	0.28	0.38	ppb
Selenium	78-2	-0.13	0.88	0.83	0.52	107.92	ppb
Selenium	82-1	0.58	-0.25	1.05	0.46	144.18	ppb
Silicon	28-1	3548.03	3568.56	3557.95	3558.18	0.29	ppb
Silver	109-1	0.23	0.26	0.26	0.25	6.40	ppb
Silver	107-1	0.25	0.26	0.28	0.26	6.53	ppb
Sodium	23-2	4271.71	4297.75	4287.54	4285.67	0.31	ppb
Strontium	86-1	157.55	156.64	155.57	156.59	0.63	ppb
Strontium	88-1	161.26	161.45	159.70	160.80	0.60	ppb
Sulfur	34-1	5971.10	6083.81	6031.38	6028.76	0.94	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.01	0.01	10.70	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	27.89	ppb
Tin	118-1	0.00	0.00	0.00	0.00		ppb
Titanium	47-1	0.33	0.25	0.25	0.28	16.26	ppb
Uranium	238-1	1.12	1.10	1.11	1.11	0.99	ppb
Vanadium	51-2	0.08	0.11	0.07	0.09	18.17	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	24.78	24.88	24.47	24.71	0.86	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	24.83	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-04	Instrumnet Name :	P7
Client Sample ID :	MGA151	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:04:02	DataFile Name :	030SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.03	0.02	9.66	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-05	Instrumnet Name :	P7
Client Sample ID :	MGA152	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:28:29	DataFile Name :	031SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	750.07	721.83	726.09	732.67	2.08	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	19.97	ppb
Arsenic	75-2	7.74	8.05	7.99	7.93	2.08	ppb
Barium	135-1	39.92	39.77	39.50	39.73	0.54	ppb
Barium	137-1	39.60	40.03	40.05	39.89	0.63	ppb
Beryllium	9-1	10.10	9.94	9.96	10.00	0.85	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	-0.51	-0.69	-1.10	-0.77		ppb
Boron	11-1	-0.69	-0.73	-0.61	-0.68		ppb
Cadmium	111-1	8.82	8.75	8.94	8.84	1.14	ppb
Cadmium	106-1	4.53	4.12	5.44	4.70	14.40	ppb
Cadmium	108-1	8.05	8.02	7.86	7.98	1.32	ppb
Calcium	43-1	260.72	274.05	266.39	267.05	2.50	ppb
Calcium	44-1	260.32	261.08	261.77	261.06	0.28	ppb
Chromium	52-2	15.77	15.74	15.84	15.78	0.33	ppb
Cobalt	59-2	15.50	15.37	15.37	15.41	0.49	ppb
Copper	63-2	-0.80	-0.80	-0.78	-0.80		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	486.16	484.03	484.48	484.89	0.23	ppb
Iron	57-2	485.17	484.51	493.73	487.80	1.05	ppb
Lead	206-1	11.33	11.46	11.38	11.39	0.57	ppb
Lead	207-1	10.94	10.89	10.86	10.90	0.39	ppb
Lead	208-1	11.23	11.26	11.23	11.24	0.17	ppb
Lithium	6-1				96		%
Magnesium	24-2	611.59	602.13	600.07	604.60	1.02	ppb
Manganese	55-2	9.05	9.25	9.15	9.15	1.12	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-05	Instrumnet Name :	P7
Client Sample ID :	MGA152	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:28:29	DataFile Name :	031SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	868.35	ppb
Molybdenum	97-1	-0.01	0.00	0.02	0.00	672.52	ppb
Molybdenum	98-1	-0.02	-0.01	0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.59	11.52	11.61	11.58	0.39	ppb
Phosphorus	31-2	-13.85	-8.46	5.55	-5.59		ppb
Potassium	39-2	799.58	784.04	789.88	791.17	0.99	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	13.49	13.53	17.69	14.90	16.18	ppb
Selenium	78-2	15.03	15.61	15.65	15.43	2.26	ppb
Selenium	82-1	15.32	14.35	15.02	14.90	3.33	ppb
Silicon	28-1	-2.66	-2.02	-2.04	-2.24		ppb
Silver	109-1	8.05	7.95	8.09	8.03	0.90	ppb
Silver	107-1	7.89	7.96	8.02	7.96	0.80	ppb
Sodium	23-2	486.60	488.46	492.15	489.07	0.58	ppb
Strontium	86-1	-0.04	0.02	-0.06	-0.03		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	192.37	ppb
Sulfur	34-1	429.34	315.85	318.42	354.54	18.28	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	17.31	17.39	17.14	17.28	0.75	ppb
Thallium	205-1	17.67	17.53	17.52	17.57	0.48	ppb
Tin	118-1	-0.03	-0.03	-0.02	-0.03		ppb
Titanium	47-1	0.01	0.00	0.00	0.01	94.24	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	5.83	6.08	5.82	5.91	2.50	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	17.95	17.62	17.67	17.75	1.02	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-05	Instrumnet Name :	P7
Client Sample ID :	MGA152	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:28:29	DataFile Name :	031SMPL_P7052317-MS

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

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01	Instrumnet Name :	P7
Client Sample ID :	MBDCM6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:31:59	DataFile Name :	032SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.37	26.76	27.50	26.21	6.23	ppb
Antimony	121-1	0.09	0.10	0.12	0.10	15.83	ppb
Arsenic	75-2	0.12	0.15	0.14	0.14	13.92	ppb
Barium	135-1	109.15	107.81	107.58	108.18	0.78	ppb
Barium	137-1	109.93	108.05	108.33	108.77	0.93	ppb
Beryllium	9-1	0.11	0.15	0.09	0.12	24.09	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	18.72	18.57	20.05	19.11	4.24	ppb
Boron	11-1	19.20	20.16	19.68	19.68	2.42	ppb
Cadmium	111-1	0.35	0.37	0.33	0.35	6.55	ppb
Cadmium	106-1	-1.92	-1.27	-1.72	-1.63		ppb
Cadmium	108-1	0.39	0.43	0.41	0.41	4.90	ppb
Calcium	43-1	19494.10	19302.52	19240.89	19345.84	0.68	ppb
Calcium	44-1	19731.60	19496.80	19486.63	19571.68	0.71	ppb
Chromium	52-2	33.08	33.09	33.21	33.13	0.22	ppb
Cobalt	59-2	30.94	31.31	31.17	31.14	0.61	ppb
Copper	63-2	23.75	23.85	24.00	23.87	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	84.11	85.71	84.83	84.88	0.95	ppb
Iron	57-2	92.14	89.06	90.20	90.46	1.72	ppb
Lead	206-1	-0.05	-0.06	-0.06	-0.06		ppb
Lead	207-1	-0.06	-0.06	-0.07	-0.06		ppb
Lead	208-1	-0.05	-0.06	-0.07	-0.06		ppb
Lithium	6-1				101		%
Magnesium	24-2	7809.19	7814.20	7775.96	7799.78	0.27	ppb
Manganese	55-2	6829.38	6949.39	6872.74	6883.84	0.88	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01	Instrumnet Name :	P7
Client Sample ID :	MBDCM6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:31:59	DataFile Name :	032SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.10	0.10	0.10	2.39	ppb
Molybdenum	95-1	0.36	0.39	0.39	0.38	4.13	ppb
Molybdenum	96-1	0.26	0.26	0.26	0.26	1.15	ppb
Molybdenum	97-1	0.32	0.35	0.31	0.33	6.75	ppb
Molybdenum	98-1	0.32	0.34	0.36	0.34	6.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	965.62	969.23	975.01	969.95	0.49	ppb
Phosphorus	31-2	-15.58	-8.10	-14.29	-12.65		ppb
Potassium	39-2	1383.52	1395.10	1395.16	1391.26	0.48	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	77-2	1.37	1.65	0.55	1.19	48.06	ppb
Selenium	78-2	-0.28	0.32	0.63	0.22	206.70	ppb
Selenium	82-1	0.12	0.54	0.12	0.26	94.32	ppb
Silicon	28-1	2623.68	2593.37	2579.09	2598.72	0.88	ppb
Silver	109-1	0.14	0.16	0.18	0.16	13.12	ppb
Silver	107-1	0.15	0.13	0.17	0.15	16.41	ppb
Sodium	23-2	170149.79	170543.55	169929.15	170207.50	0.18	ppb
Strontium	86-1	124.68	125.06	126.25	125.33	0.65	ppb
Strontium	88-1	126.28	127.85	129.18	127.77	1.14	ppb
Sulfur	34-1	5769.47	5778.04	5699.83	5749.11	0.75	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.01	0.02	0.02	46.29	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.43	ppb
Tin	118-1	0.02	0.01	0.01	0.02	41.91	ppb
Titanium	47-1	0.21	0.20	0.13	0.18	24.71	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.05	0.06	0.05	0.06	13.99	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	21.13	21.21	20.76	21.03	1.13	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01	Instrumnet Name :	P7
Client Sample ID :	MBDCM6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:31:59	DataFile Name :	032SMPL_P7052317-MS

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

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-02	Instrumnet Name :	P7
Client Sample ID :	MBDCM6D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:35:30	DataFile Name :	033SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.32	27.47	30.94	28.24	8.52	ppb
Antimony	121-1	0.08	0.10	0.10	0.09	11.96	ppb
Arsenic	75-2	0.16	0.08	0.12	0.12	32.10	ppb
Barium	135-1	108.39	111.20	109.51	109.70	1.29	ppb
Barium	137-1	109.28	110.97	110.05	110.10	0.77	ppb
Beryllium	9-1	0.11	0.06	0.11	0.09	29.20	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	18.74	18.93	18.03	18.57	2.56	ppb
Boron	11-1	19.96	19.22	19.53	19.57	1.89	ppb
Cadmium	111-1	0.36	0.33	0.30	0.33	9.54	ppb
Cadmium	106-1	-1.37	-1.65	-1.69	-1.57		ppb
Cadmium	108-1	0.42	0.38	0.48	0.43	10.90	ppb
Calcium	43-1	19306.69	19379.27	19427.32	19371.09	0.31	ppb
Calcium	44-1	19524.85	19754.53	19815.77	19698.38	0.78	ppb
Chromium	52-2	32.84	33.24	33.52	33.20	1.03	ppb
Cobalt	59-2	31.14	31.37	31.53	31.35	0.61	ppb
Copper	63-2	24.11	24.06	24.11	24.09	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	84.62	85.16	85.36	85.05	0.45	ppb
Iron	57-2	93.15	91.44	92.91	92.50	1.00	ppb
Lead	206-1	-0.06	-0.05	-0.06	-0.06		ppb
Lead	207-1	-0.06	-0.06	-0.05	-0.06		ppb
Lead	208-1	-0.06	-0.05	-0.06	-0.06		ppb
Lithium	6-1				100		%
Magnesium	24-2	7805.85	7891.71	7886.60	7861.39	0.61	ppb
Manganese	55-2	6932.13	6901.78	6958.92	6930.95	0.41	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-02	Instrumnet Name :	P7
Client Sample ID :	MBDCM6D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:35:30	DataFile Name :	033SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.09	0.09	0.11	29.71	ppb
Molybdenum	95-1	0.40	0.37	0.37	0.38	5.68	ppb
Molybdenum	96-1	0.25	0.28	0.26	0.26	4.72	ppb
Molybdenum	97-1	0.34	0.38	0.34	0.35	6.51	ppb
Molybdenum	98-1	0.31	0.35	0.33	0.33	6.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	969.77	979.18	972.79	973.92	0.49	ppb
Phosphorus	31-2	0.49	-4.36	-7.47	-3.78		ppb
Potassium	39-2	1383.57	1395.31	1405.87	1394.92	0.80	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	0.83	1.11	0.83	0.93	17.31	ppb
Selenium	78-2	0.30	0.62	0.34	0.42	41.30	ppb
Selenium	82-1	0.64	0.83	0.63	0.70	16.03	ppb
Silicon	28-1	2583.18	2608.45	2598.74	2596.79	0.49	ppb
Silver	109-1	0.18	0.22	0.23	0.21	12.33	ppb
Silver	107-1	0.18	0.20	0.22	0.20	8.75	ppb
Sodium	23-2	171338.07	171027.67	172575.00	171646.91	0.48	ppb
Strontium	86-1	126.94	127.51	124.93	126.46	1.07	ppb
Strontium	88-1	128.21	129.06	128.21	128.49	0.38	ppb
Sulfur	34-1	5655.23	5892.98	5806.34	5784.85	2.08	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.01	0.02	0.01	20.75	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	19.32	ppb
Tin	118-1	0.00	0.00	-0.01	0.00		ppb
Titanium	47-1	0.16	0.16	0.18	0.17	8.59	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.05	0.06	0.04	0.05	15.97	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	21.24	21.32	21.33	21.30	0.23	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-02	Instrumnet Name :	P7
Client Sample ID :	MBDCM6D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:35:30	DataFile Name :	033SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.02	-0.01	0.00	1324.54	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDCM6L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 13:39:00	DataFile Name :	034SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.17	5.60	5.60	5.12	16.15	ppb
Antimony	121-1	0.02	0.02	0.01	0.01	33.95	ppb
Arsenic	75-2	0.01	0.02	0.04	0.02	58.65	ppb
Barium	135-1	21.46	21.48	21.26	21.40	0.56	ppb
Barium	137-1	21.60	21.39	21.32	21.43	0.67	ppb
Beryllium	9-1	0.04	0.03	0.04	0.04	21.05	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	3.47	3.27	3.77	3.50	7.13	ppb
Boron	11-1	3.54	3.68	3.48	3.56	2.83	ppb
Cadmium	111-1	-0.14	-0.06	-0.05	-0.08		ppb
Cadmium	106-1	-2.82	-2.01	-1.80	-2.21		ppb
Cadmium	108-1	-0.01	0.02	0.14	0.05	166.70	ppb
Calcium	43-1	3823.44	3765.25	3810.10	3799.60	0.80	ppb
Calcium	44-1	3855.71	3807.70	3794.84	3819.42	0.84	ppb
Chromium	52-2	6.38	6.49	6.44	6.44	0.86	ppb
Cobalt	59-2	6.21	6.31	6.14	6.22	1.32	ppb
Copper	63-2	4.50	4.43	4.32	4.42	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	16.36	16.88	16.31	16.52	1.92	ppb
Iron	57-2	18.47	17.29	15.91	17.22	7.43	ppb
Lead	206-1	-0.09	-0.10	-0.10	-0.10		ppb
Lead	207-1	-0.09	-0.09	-0.09	-0.09		ppb
Lead	208-1	-0.09	-0.09	-0.09	-0.09		ppb
Lithium	6-1				98		%
Magnesium	24-2	1535.24	1532.97	1513.98	1527.40	0.76	ppb
Manganese	55-2	1361.29	1365.81	1346.14	1357.74	0.76	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDCM6L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 13:39:00	DataFile Name :	034SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.00	0.01	63.11	ppb
Molybdenum	95-1	0.07	0.06	0.07	0.07	8.75	ppb
Molybdenum	96-1	0.05	0.04	0.06	0.05	23.18	ppb
Molybdenum	97-1	0.04	0.06	0.07	0.06	29.77	ppb
Molybdenum	98-1	0.05	0.06	0.07	0.06	19.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	194.34	196.50	192.87	194.57	0.94	ppb
Phosphorus	31-2	6.55	5.36	-14.59	-0.89		ppb
Potassium	39-2	280.10	272.24	272.76	275.03	1.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	0.58	0.00	0.29	0.29	100.43	ppb
Selenium	78-2	0.04	-0.41	-0.03	-0.13		ppb
Selenium	82-1	0.40	0.56	0.47	0.48	16.73	ppb
Silicon	28-1	510.21	503.75	502.80	505.59	0.80	ppb
Silver	109-1	0.06	0.06	0.05	0.06	15.50	ppb
Silver	107-1	0.05	0.04	0.05	0.05	9.05	ppb
Sodium	23-2	34049.45	33878.64	33294.36	33740.82	1.17	ppb
Strontium	86-1	25.36	25.31	25.22	25.29	0.28	ppb
Strontium	88-1	25.78	25.46	25.51	25.58	0.68	ppb
Sulfur	34-1	1033.21	832.83	938.77	934.94	10.72	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb
Titanium	47-1	-0.03	-0.01	-0.01	-0.02		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	34.91	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	4.12	4.42	4.16	4.24	3.87	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDCM6L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 13:39:00	DataFile Name :	034SMPL_P7052317-MS

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

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-03	Instrumnet Name :	P7
Client Sample ID :	MBDCM6S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:42:30	DataFile Name :	035SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1988.94	1989.19	2007.09	1995.07	0.52	ppb
Antimony	121-1	104.00	104.41	106.01	104.81	1.01	ppb
Arsenic	75-2	40.97	40.86	40.22	40.68	0.99	ppb
Barium	135-1	2178.92	2195.27	2212.33	2195.51	0.76	ppb
Barium	137-1	2171.58	2211.09	2191.46	2191.38	0.90	ppb
Beryllium	9-1	52.27	52.46	51.74	52.16	0.71	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	19.31	19.34	18.78	19.14	1.65	ppb
Boron	11-1	19.40	20.44	19.82	19.89	2.63	ppb
Cadmium	111-1	51.52	51.33	51.82	51.55	0.48	ppb
Cadmium	106-1	40.06	38.58	39.04	39.23	1.93	ppb
Cadmium	108-1	45.12	45.30	45.53	45.32	0.46	ppb
Calcium	43-1	19390.37	19474.28	19674.80	19513.15	0.75	ppb
Calcium	44-1	19797.84	19783.27	20071.08	19884.06	0.82	ppb
Chromium	52-2	240.34	241.84	240.60	240.93	0.33	ppb
Cobalt	59-2	557.44	565.07	564.30	562.27	0.75	ppb
Copper	63-2	293.81	298.42	294.94	295.72	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	1131.54	1136.32	1127.93	1131.93	0.37	ppb
Iron	57-2	1124.48	1138.40	1119.07	1127.32	0.88	ppb
Lead	206-1	19.69	20.01	19.77	19.82	0.84	ppb
Lead	207-1	19.41	19.85	19.52	19.59	1.17	ppb
Lead	208-1	19.77	20.04	19.83	19.88	0.71	ppb
Lithium	6-1				101		%
Magnesium	24-2	7795.90	7852.24	7851.41	7833.19	0.41	ppb
Manganese	55-2	7513.77	7453.70	7400.84	7456.11	0.76	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-03	Instrumnet Name :	P7
Client Sample ID :	MBDCM6S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:42:30	DataFile Name :	035SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.12	0.12	0.14	0.13	8.66	ppb
Molybdenum	95-1	0.41	0.44	0.44	0.43	4.62	ppb
Molybdenum	96-1	0.28	0.29	0.34	0.30	10.10	ppb
Molybdenum	97-1	0.37	0.37	0.41	0.38	5.35	ppb
Molybdenum	98-1	0.38	0.36	0.38	0.37	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1503.39	1531.06	1509.53	1514.66	0.96	ppb
Phosphorus	31-2	-0.20	-9.71	-6.92	-5.61		ppb
Potassium	39-2	1388.71	1400.11	1389.97	1392.93	0.45	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	104.05	103.11	123.55	110.23	10.47	ppb
Selenium	78-2	106.13	103.96	103.89	104.66	1.22	ppb
Selenium	82-1	103.43	102.71	105.18	103.77	1.23	ppb
Silicon	28-1	2628.17	2629.05	2648.21	2635.14	0.43	ppb
Silver	109-1	57.31	57.06	58.16	57.51	1.00	ppb
Silver	107-1	57.26	57.69	57.65	57.54	0.41	ppb
Sodium	23-2	170946.73	171164.34	170687.73	170932.94	0.14	ppb
Strontium	86-1	125.70	127.52	127.62	126.95	0.85	ppb
Strontium	88-1	128.98	129.72	128.76	129.15	0.39	ppb
Sulfur	34-1	5517.23	5414.64	5635.39	5522.42	2.00	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	50.11	50.19	49.42	49.91	0.85	ppb
Thallium	205-1	50.71	51.17	50.13	50.67	1.03	ppb
Tin	118-1	0.00	0.03	0.03	0.02	71.78	ppb
Titanium	47-1	0.17	0.63	0.15	0.32	87.30	ppb
Uranium	238-1	-0.01	0.00	-0.01	0.00		ppb
Vanadium	51-2	520.52	523.91	521.70	522.04	0.33	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	558.29	565.12	562.53	561.98	0.61	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	53.18	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-03	Instrumnet Name :	P7
Client Sample ID :	MBDCM6S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:42:30	DataFile Name :	035SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.03	0.03	35.61	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:46:01	DataFile Name :	036SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.92	0.19	1.17	0.76	66.67	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	13.91	ppb
Arsenic	75-2	0.04	0.03	0.04	0.04	16.96	ppb
Barium	135-1	5.60	5.38	5.50	5.49	2.03	ppb
Barium	137-1	5.58	5.41	5.44	5.48	1.64	ppb
Beryllium	9-1	0.01	0.03	0.00	0.01	91.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	0.22	0.10	0.36	0.23	57.87	ppb
Boron	11-1	0.59	0.45	0.70	0.58	21.00	ppb
Cadmium	111-1	-0.18	-0.05	-0.14	-0.13		ppb
Cadmium	106-1	-2.66	-1.10	-2.06	-1.94		ppb
Cadmium	108-1	-0.01	-0.04	0.02	-0.01		ppb
Calcium	43-1	969.54	964.56	943.80	959.30	1.42	ppb
Calcium	44-1	987.67	967.23	973.87	976.26	1.07	ppb
Chromium	52-2	1.64	1.70	1.58	1.64	3.76	ppb
Cobalt	59-2	1.60	1.55	1.56	1.57	1.64	ppb
Copper	63-2	0.87	0.79	0.81	0.82	4.89	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				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	4.32	4.34	4.67	4.44	4.42	ppb
Iron	57-2	4.86	5.37	5.38	5.20	5.72	ppb
Lead	206-1	-0.08	-0.09	-0.09	-0.08		ppb
Lead	207-1	-0.07	-0.08	-0.09	-0.08		ppb
Lead	208-1	-0.08	-0.09	-0.08	-0.08		ppb
Lithium	6-1				97		%
Magnesium	24-2	386.32	386.23	386.38	386.31	0.02	ppb
Manganese	55-2	345.97	346.22	344.84	345.68	0.21	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:46:01	DataFile Name :	036SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	69.69	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00		ppb
Molybdenum	97-1	0.02	0.00	0.01	0.01	90.69	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	104.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.31	49.78	50.05	49.71	0.76	ppb
Phosphorus	31-2	-4.39	-5.78	-11.49	-7.22		ppb
Potassium	39-2	72.38	73.47	72.03	72.63	1.04	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	0.29	1.18	0.88	0.79	57.69	ppb
Selenium	78-2	1.21	0.52	0.79	0.84	41.44	ppb
Selenium	82-1	0.08	0.40	-0.26	0.08	432.58	ppb
Silicon	28-1	160.12	157.46	156.53	158.03	1.18	ppb
Silver	109-1	0.05	0.04	0.03	0.04	18.71	ppb
Silver	107-1	0.03	0.03	0.03	0.03	15.87	ppb
Sodium	23-2	8578.18	8548.74	8518.60	8548.51	0.35	ppb
Strontium	86-1	6.45	6.40	6.30	6.38	1.16	ppb
Strontium	88-1	6.51	6.40	6.38	6.43	1.10	ppb
Sulfur	34-1	-12.54	-126.32	-140.76	-93.21		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.00	0.01	0.01	86.64	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	21.12	ppb
Tin	118-1	-0.03	-0.04	-0.03	-0.03		ppb
Titanium	47-1	0.00	0.02	-0.01	0.00	439.71	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.04	0.02	0.02	0.03	35.24	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.86	1.04	0.99	0.96	9.28	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:46:01	DataFile Name :	036SMPL_P7052317-MS

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

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6D	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:49:32	DataFile Name :	037SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.16	0.65	0.74	0.85	31.88	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	79.94	ppb
Arsenic	75-2	-0.01	0.03	0.02	0.01	208.41	ppb
Barium	135-1	5.30	5.32	5.26	5.29	0.62	ppb
Barium	137-1	5.47	5.40	5.31	5.39	1.46	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	189.28	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	0.08	-0.65	0.08	-0.16		ppb
Boron	11-1	0.00	0.21	0.00	0.07	171.90	ppb
Cadmium	111-1	-0.19	-0.14	-0.12	-0.15		ppb
Cadmium	106-1	-2.66	-1.90	-1.83	-2.13		ppb
Cadmium	108-1	0.03	0.02	0.03	0.03	30.00	ppb
Calcium	43-1	973.32	960.40	968.20	967.31	0.67	ppb
Calcium	44-1	965.33	956.22	960.36	960.64	0.47	ppb
Chromium	52-2	1.63	1.59	1.62	1.61	1.14	ppb
Cobalt	59-2	1.51	1.56	1.54	1.54	1.56	ppb
Copper	63-2	0.52	0.60	0.59	0.57	7.75	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				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	4.09	4.23	3.94	4.09	3.55	ppb
Iron	57-2	4.53	4.63	4.66	4.61	1.45	ppb
Lead	206-1	-0.09	-0.08	-0.08	-0.08		ppb
Lead	207-1	-0.07	-0.08	-0.08	-0.08		ppb
Lead	208-1	-0.08	-0.08	-0.08	-0.08		ppb
Lithium	6-1				97		%
Magnesium	24-2	391.30	390.05	386.02	389.13	0.71	ppb
Manganese	55-2	340.20	345.07	340.33	341.87	0.81	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6D	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:49:32	DataFile Name :	037SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.01	0.01	0.03	0.01	94.19	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	97-1	0.01	0.02	0.02	0.01	48.73	ppb
Molybdenum	98-1	-0.01	0.00	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.11	49.58	49.05	49.25	0.59	ppb
Phosphorus	31-2	-6.42	-12.58	-8.86	-9.29		ppb
Potassium	39-2	72.28	72.75	72.55	72.53	0.32	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	0.88	0.29	0.00	0.39	114.77	ppb
Selenium	78-2	0.45	0.10	0.33	0.29	61.23	ppb
Selenium	82-1	0.03	0.42	-0.09	0.12	228.23	ppb
Silicon	28-1	155.23	154.36	155.21	154.93	0.32	ppb
Silver	109-1	0.01	0.01	0.00	0.01	37.79	ppb
Silver	107-1	0.00	0.01	0.00	0.00	99.43	ppb
Sodium	23-2	8472.39	8476.86	8364.21	8437.82	0.76	ppb
Strontium	86-1	6.75	6.43	6.60	6.59	2.44	ppb
Strontium	88-1	6.47	6.45	6.44	6.45	0.25	ppb
Sulfur	34-1	91.02	-12.63	57.24	45.21	116.92	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.03	-0.04	-0.02	-0.03		ppb
Titanium	47-1	-0.02	0.00	-0.01	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	86.56	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.92	0.83	0.91	0.89	5.29	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6D	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:49:32	DataFile Name :	037SMPL_P7052317-MS

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

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6S	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:53:03	DataFile Name :	038SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102.90	98.63	98.68	100.07	2.45	ppb
Antimony	121-1	5.31	5.28	5.25	5.28	0.52	ppb
Arsenic	75-2	2.05	2.10	2.21	2.12	3.75	ppb
Barium	135-1	109.47	108.31	109.51	109.10	0.63	ppb
Barium	137-1	108.74	108.95	109.07	108.92	0.15	ppb
Beryllium	9-1	2.63	2.64	2.59	2.62	1.01	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	-0.42	-0.59	-0.42	-0.48		ppb
Boron	11-1	-0.22	0.01	0.03	-0.06		ppb
Cadmium	111-1	2.44	2.49	2.54	2.49	1.96	ppb
Cadmium	106-1	-0.56	0.00	0.57	0.00	28385.79	ppb
Cadmium	108-1	2.35	1.99	2.27	2.21	8.57	ppb
Calcium	43-1	974.49	972.30	976.91	974.57	0.24	ppb
Calcium	44-1	977.79	988.90	977.29	981.33	0.67	ppb
Chromium	52-2	11.98	11.98	12.17	12.04	0.92	ppb
Cobalt	59-2	28.43	28.77	28.52	28.57	0.60	ppb
Copper	63-2	14.45	14.49	14.60	14.51	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				100		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	57.12	58.02	57.69	57.61	0.79	ppb
Iron	57-2	57.00	57.37	57.36	57.24	0.37	ppb
Lead	206-1	0.87	0.90	0.91	0.89	2.36	ppb
Lead	207-1	0.91	0.92	0.89	0.91	1.37	ppb
Lead	208-1	0.91	0.91	0.92	0.92	0.43	ppb
Lithium	6-1				96		%
Magnesium	24-2	395.25	398.48	389.34	394.36	1.18	ppb
Manganese	55-2	371.45	375.23	373.75	373.47	0.51	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6S	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:53:03	DataFile Name :	038SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	43.32	ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.02	0.00	0.02	0.01	109.34	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	248.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	78.23	77.97	76.57	77.59	1.15	ppb
Phosphorus	31-2	-11.20	-12.31	-2.44	-8.65		ppb
Potassium	39-2	72.55	76.05	69.98	72.86	4.18	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	5.04	4.17	6.25	5.15	20.25	ppb
Selenium	78-2	5.74	5.29	5.43	5.49	4.16	ppb
Selenium	82-1	5.23	5.41	5.03	5.23	3.71	ppb
Silicon	28-1	160.24	160.04	160.94	160.41	0.30	ppb
Silver	109-1	2.99	2.99	2.98	2.99	0.29	ppb
Silver	107-1	2.93	2.85	2.97	2.92	1.99	ppb
Sodium	23-2	8606.68	8670.03	8535.19	8603.97	0.78	ppb
Strontium	86-1	6.54	6.57	6.50	6.54	0.55	ppb
Strontium	88-1	6.60	6.60	6.59	6.60	0.07	ppb
Sulfur	34-1	422.48	376.34	429.94	409.59	7.09	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	2.41	2.50	2.48	2.46	1.88	ppb
Thallium	205-1	2.49	2.55	2.48	2.51	1.58	ppb
Tin	118-1	-0.04	-0.05	-0.03	-0.04		ppb
Titanium	47-1	-0.01	-0.02	0.00	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	25.77	25.95	25.78	25.83	0.38	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	28.59	28.28	28.58	28.48	0.61	ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6S	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:53:03	DataFile Name :	038SMPL_P7052317-MS

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

LB Number : LB87664 Operator : Jaswal
 Lab Sample ID : I3179-01LDLX100 Instrumnet Name : P7
 Client Sample ID : MBDCM6L Dilution Factor : 100
 Date & Time Acquired :: 2017-05-23 13:56:40 DataFile Name : 039SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.39	-0.27	0.08	-0.19		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	798.87	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	372.30	ppb
Barium	135-1	1.05	0.98	1.10	1.04	5.65	ppb
Barium	137-1	1.08	1.07	1.08	1.08	0.59	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	266.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	-0.97	-0.80	-0.89	-0.89		ppb
Boron	11-1	-0.71	-0.74	-0.79	-0.75		ppb
Cadmium	111-1	-0.18	-0.13	-0.15	-0.16		ppb
Cadmium	106-1	-2.43	-1.73	-1.93	-2.03		ppb
Cadmium	108-1	-0.01	-0.04	0.05	0.00		ppb
Calcium	43-1	194.28	192.76	193.85	193.63	0.41	ppb
Calcium	44-1	191.16	187.00	191.26	189.81	1.28	ppb
Chromium	52-2	0.29	0.25	0.23	0.26	11.40	ppb
Cobalt	59-2	0.29	0.31	0.29	0.30	3.24	ppb
Copper	63-2	-0.45	-0.46	-0.46	-0.46		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	0.88	0.89	0.95	0.91	4.00	ppb
Iron	57-2	0.81	0.60	1.04	0.82	27.46	ppb
Lead	206-1	-0.08	-0.07	-0.07	-0.07		ppb
Lead	207-1	-0.07	-0.07	-0.06	-0.07		ppb
Lead	208-1	-0.07	-0.07	-0.07	-0.07		ppb
Lithium	6-1				97		%
Magnesium	24-2	75.62	75.12	75.30	75.35	0.34	ppb
Manganese	55-2	66.45	67.15	66.56	66.72	0.57	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDCM6L	Dilution Factor :	100
Date & Time Acquired ::	2017-05-23 13:56:40	DataFile Name :	039SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	-0.02	0.00	-0.01		ppb
Molybdenum	98-1	-0.02	-0.02	-0.01	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.92	9.81	9.47	9.74	2.43	ppb
Phosphorus	31-2	-11.11	-7.52	-17.64	-12.09		ppb
Potassium	39-2	16.89	18.01	15.77	16.89	6.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.14	0.69	0.24	0.36	82.42	ppb
Selenium	82-1	-0.48	0.22	-0.09	-0.12		ppb
Silicon	28-1	26.89	26.20	25.36	26.15	2.93	ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	1599.79	1609.25	1594.66	1601.23	0.46	ppb
Strontium	86-1	1.22	1.22	1.26	1.23	2.20	ppb
Strontium	88-1	1.24	1.23	1.20	1.23	1.53	ppb
Sulfur	34-1	91.23	79.54	95.31	88.69	9.23	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.04	-0.01	-0.03	-0.03		ppb
Titanium	47-1	0.02	-0.01	-0.02	0.00		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	461.02	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	0.28	0.36	0.39	0.34	15.54	ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDCM6L	Dilution Factor :	100
Date & Time Acquired ::	2017-05-23 13:56:40	DataFile Name :	039SMPL_P7052317-MS

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

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:00:10	DataFile Name :	040SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50883.74	50846.54	50293.04	50674.44	0.65	ppb
Antimony	121-1	490.76	481.47	486.51	486.25	0.96	ppb
Arsenic	75-2	493.39	492.50	493.57	493.15	0.12	ppb
Barium	135-1	2473.46	2473.36	2486.84	2477.89	0.31	ppb
Barium	137-1	2474.00	2473.43	2494.89	2480.77	0.49	ppb
Beryllium	9-1	510.14	511.62	515.33	512.36	0.52	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Boron	10-1	490.01	498.17	509.74	499.31	1.98	ppb
Boron	11-1	499.63	502.98	511.21	504.61	1.18	ppb
Cadmium	111-1	476.59	479.79	480.62	479.00	0.44	ppb
Cadmium	106-1	479.48	489.49	493.79	487.59	1.51	ppb
Cadmium	108-1	481.09	478.68	487.53	482.43	0.95	ppb
Calcium	43-1	237512.75	239785.96	241214.51	239504.40	0.78	ppb
Calcium	44-1	239622.61	238261.28	240248.19	239377.36	0.42	ppb
Chromium	52-2	498.51	499.18	496.85	498.18	0.24	ppb
Cobalt	59-2	482.36	479.80	480.62	480.93	0.27	ppb
Copper	63-2	932.17	934.54	932.22	932.98	0.15	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				98		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	124114.10	122736.57	122711.35	123187.34	0.65	ppb
Iron	57-2	124305.12	123330.87	123167.47	123601.15	0.50	ppb
Lead	206-1	487.26	490.86	493.72	490.61	0.66	ppb
Lead	207-1	484.27	490.53	491.26	488.69	0.79	ppb
Lead	208-1	493.86	496.48	498.68	496.34	0.49	ppb
Lithium	6-1				91		%
Magnesium	24-2	252686.62	251218.35	250743.26	251549.41	0.40	ppb
Manganese	55-2	976.82	977.74	976.12	976.89	0.08	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:00:10	DataFile Name :	040SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	493.49	505.20	492.51	497.07	1.42	ppb
Molybdenum	95-1	487.48	494.70	487.42	489.87	0.85	ppb
Molybdenum	96-1	479.27	486.88	479.67	481.94	0.89	ppb
Molybdenum	97-1	488.37	493.90	487.89	490.05	0.68	ppb
Molybdenum	98-1	496.14	498.41	495.45	496.67	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.16	481.02	482.62	480.93	0.36	ppb
Phosphorus	31-2	9867.37	10026.78	9884.28	9926.14	0.88	ppb
Potassium	39-2	123632.55	122936.60	121938.12	122835.76	0.69	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	468.04	487.26	505.31	486.87	3.83	ppb
Selenium	78-2	490.06	485.95	482.14	486.05	0.81	ppb
Selenium	82-1	472.97	480.75	476.19	476.64	0.82	ppb
Silicon	28-1	447.59	452.66	464.88	455.04	1.95	ppb
Silver	109-1	478.52	482.17	480.35	480.35	0.38	ppb
Silver	107-1	480.75	479.59	487.67	482.67	0.91	ppb
Sodium	23-2	246347.56	243938.18	244367.03	244884.26	0.52	ppb
Strontium	86-1	495.83	501.11	498.07	498.33	0.53	ppb
Strontium	88-1	505.29	508.71	506.99	507.00	0.34	ppb
Sulfur	34-1	10080.72	10056.23	10146.21	10094.39	0.46	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	502.44	505.60	512.82	506.95	1.05	ppb
Thallium	205-1	501.00	504.46	509.03	504.83	0.80	ppb
Tin	118-1	493.36	489.96	482.51	488.61	1.14	ppb
Titanium	47-1	486.46	487.46	487.84	487.25	0.15	ppb
Uranium	238-1	512.09	508.96	512.86	511.30	0.40	ppb
Vanadium	51-2	493.20	496.92	496.04	495.38	0.39	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	937.55	937.31	938.30	937.72	0.05	ppb
Zirconium	90-1	498.90	501.36	498.93	499.73	0.28	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:00:10	DataFile Name :	040SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	492.04	495.74	489.07	492.28	0.68	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:08:23	DataFile Name :	041CCBE_P7052317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	-0.63	-0.98	-0.54		ppb
Antimony	121-1	0.63	0.78	0.93	0.78	18.87	ppb
Arsenic	75-2	0.10	0.08	0.10	0.09	11.91	ppb
Barium	135-1	-0.01	-0.01	0.01	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.04	-0.01	0.02	122.68	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	1.74	1.14	1.47	1.45	20.68	ppb
Boron	11-1	1.55	1.42	1.58	1.52	5.63	ppb
Cadmium	111-1	-0.19	-0.12	-0.18	-0.16		ppb
Cadmium	106-1	-2.46	-1.56	-2.35	-2.12		ppb
Cadmium	108-1	0.01	-0.02	-0.04	-0.02		ppb
Calcium	43-1	-3.24	-3.46	-1.98	-2.89		ppb
Calcium	44-1	-6.57	-6.33	-6.13	-6.34		ppb
Chromium	52-2	-0.05	-0.03	-0.05	-0.04		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.01		ppb
Copper	63-2	-0.81	-0.79	-0.83	-0.81		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	1.23	0.35	0.49	0.69	68.97	ppb
Iron	57-2	1.28	0.76	-0.14	0.63	113.41	ppb
Lead	206-1	-0.03	-0.04	-0.04	-0.03		ppb
Lead	207-1	-0.04	-0.04	-0.04	-0.04		ppb
Lead	208-1	-0.04	-0.03	-0.04	-0.03		ppb
Lithium	6-1				97		%
Magnesium	24-2	3.15	0.65	1.02	1.61	84.19	ppb
Manganese	55-2	0.03	0.00	-0.02	0.01	409.77	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:08:23	DataFile Name :	041CCBE_P7052317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.07	0.11	0.08	49.14	ppb
Molybdenum	95-1	0.12	0.16	0.22	0.17	29.40	ppb
Molybdenum	96-1	0.09	0.13	0.20	0.14	41.19	ppb
Molybdenum	97-1	0.10	0.16	0.24	0.17	40.77	ppb
Molybdenum	98-1	0.09	0.15	0.21	0.15	38.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.08	-0.06	-0.06		ppb
Phosphorus	31-2	-5.45	-14.11	-8.59	-9.38		ppb
Potassium	39-2	2.46	8.15	8.25	6.29	52.71	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.29	0.10	173.21	ppb
Selenium	78-2	-0.13	0.50	0.49	0.29	124.29	ppb
Selenium	82-1	0.48	0.17	0.48	0.38	46.66	ppb
Silicon	28-1	-4.17	-3.76	-3.41	-3.78		ppb
Silver	109-1	-0.02	-0.01	-0.01	-0.01		ppb
Silver	107-1	-0.02	-0.02	-0.01	-0.02		ppb
Sodium	23-2	-28.71	-32.27	-33.11	-31.36		ppb
Strontium	86-1	0.01	-0.06	0.01	-0.01		ppb
Strontium	88-1	-0.03	-0.03	-0.02	-0.03		ppb
Sulfur	34-1	-299.21	-305.60	-186.21	-263.67		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	16.17	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	7.00	ppb
Tin	118-1	0.03	0.07	0.07	0.06	39.33	ppb
Titanium	47-1	-0.05	-0.05	-0.05	-0.05		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	-0.08	-0.08	-0.07	-0.07		ppb
Zirconium	90-1	0.04	0.06	0.06	0.05	24.97	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:08:23	DataFile Name :	041CCBE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	0.07	0.04	56.62	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-04	Instrumnet Name :	P7
Client Sample ID :	MBDCK8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:11:54	DataFile Name :	042SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.76	0.43	0.43	0.54	35.53	ppb
Antimony	121-1	0.10	0.12	0.13	0.12	13.08	ppb
Arsenic	75-2	0.03	0.01	0.01	0.02	59.42	ppb
Barium	135-1	0.04	0.02	0.04	0.03	41.06	ppb
Barium	137-1	0.04	0.04	0.03	0.04	13.31	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	-0.44	-0.42	-0.60	-0.49		ppb
Boron	11-1	-0.29	-0.09	-0.11	-0.16		ppb
Cadmium	111-1	-0.16	-0.17	-0.17	-0.16		ppb
Cadmium	106-1	-2.05	-2.19	-2.18	-2.14		ppb
Cadmium	108-1	-0.04	-0.01	-0.04	-0.03		ppb
Calcium	43-1	2.79	2.75	7.12	4.22	59.47	ppb
Calcium	44-1	0.69	2.46	1.04	1.40	67.11	ppb
Chromium	52-2	-0.12	-0.16	-0.17	-0.15		ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	15.04	ppb
Copper	63-2	-0.87	-0.87	-0.87	-0.87		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				107		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	0.61	0.68	0.55	0.61	10.50	ppb
Iron	57-2	0.97	0.69	0.10	0.59	75.45	ppb
Lead	206-1	-0.03	-0.03	-0.02	-0.03		ppb
Lead	207-1	-0.02	-0.04	-0.03	-0.03		ppb
Lead	208-1	-0.03	-0.03	-0.02	-0.03		ppb
Lithium	6-1				104		%
Magnesium	24-2	1.49	1.55	1.85	1.63	11.98	ppb
Manganese	55-2	0.05	0.09	0.09	0.08	29.69	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-04	Instrumnet Name :	P7
Client Sample ID :	MBDCK8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:11:54	DataFile Name :	042SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.02	0.01	146.82	ppb
Molybdenum	95-1	0.03	0.06	0.10	0.06	55.14	ppb
Molybdenum	96-1	0.02	0.03	0.05	0.03	55.87	ppb
Molybdenum	97-1	0.03	0.03	0.08	0.05	73.47	ppb
Molybdenum	98-1	0.03	0.05	0.06	0.05	33.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.07	-0.04		ppb
Phosphorus	31-2	-18.01	-22.16	-16.07	-18.75		ppb
Potassium	39-2	1.39	3.21	-1.08	1.17	183.71	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	0.56	0.00	0.00	0.19	173.21	ppb
Selenium	78-2	0.10	0.50	-0.10	0.17	180.65	ppb
Selenium	82-1	0.64	0.20	0.66	0.50	51.56	ppb
Silicon	28-1	-10.61	-11.17	-10.57	-10.78		ppb
Silver	109-1	-0.02	-0.01	-0.02	-0.02		ppb
Silver	107-1	-0.02	-0.02	-0.02	-0.02		ppb
Sodium	23-2	-33.87	-34.82	-34.75	-34.48		ppb
Strontium	86-1	-0.01	-0.04	-0.03	-0.03		ppb
Strontium	88-1	-0.02	-0.01	-0.02	-0.02		ppb
Sulfur	34-1	-1064.44	-978.22	-958.69	-1000.45		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	177.03	ppb
Tin	118-1	-0.04	-0.02	-0.02	-0.02		ppb
Titanium	47-1	-0.06	-0.06	-0.02	-0.05		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	1.06	1.02	0.89	0.99	9.03	ppb
Zirconium	90-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-04	Instrumnet Name :	P7
Client Sample ID :	MBDCK8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:11:54	DataFile Name :	042SMPL_P7052317-MS

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

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01	Instrumnet Name :	P7
Client Sample ID :	MBDCC6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:23:40	DataFile Name :	043SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1287.00	1181.78	1244.25	1237.68	4.28	ppb
Antimony	121-1	1.34	1.34	1.43	1.37	3.64	ppb
Arsenic	75-2	5.51	5.42	5.62	5.52	1.79	ppb
Barium	135-1	113.00	109.71	112.52	111.74	1.59	ppb
Barium	137-1	112.06	111.12	112.89	112.03	0.79	ppb
Beryllium	9-1	0.27	0.20	0.24	0.24	14.59	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	19.73	20.15	20.16	20.01	1.25	ppb
Boron	11-1	20.63	20.70	20.53	20.62	0.43	ppb
Cadmium	111-1	0.46	0.46	0.40	0.44	6.90	ppb
Cadmium	106-1	-0.95	-1.09	-1.33	-1.13		ppb
Cadmium	108-1	1.60	1.99	2.19	1.93	15.41	ppb
Calcium	43-1	18164.31	18073.06	18522.07	18253.15	1.30	ppb
Calcium	44-1	18445.76	18418.35	18803.60	18555.90	1.16	ppb
Chromium	52-2	15297.62	15441.26	15330.17	15356.35	0.49	ppb
Cobalt	59-2	36.88	37.19	37.07	37.04	0.42	ppb
Copper	63-2	190.12	191.82	190.33	190.75	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	51798.95	52221.58	51905.35	51975.29	0.42	ppb
Iron	57-2	50928.37	51241.22	51167.77	51112.45	0.32	ppb
Lead	206-1	1.84	1.86	1.81	1.84	1.23	ppb
Lead	207-1	1.66	1.74	1.71	1.70	2.15	ppb
Lead	208-1	1.77	1.79	1.80	1.79	1.09	ppb
Lithium	6-1				100		%
Magnesium	24-2	7622.36	7649.24	7560.46	7610.69	0.60	ppb
Manganese	55-2	6684.20	6758.38	6657.30	6699.96	0.78	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01	Instrumnet Name :	P7
Client Sample ID :	MBDCC6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:23:40	DataFile Name :	043SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	50.09	49.41	49.41	49.64	0.80	ppb
Molybdenum	95-1	163.45	160.06	160.53	161.35	1.14	ppb
Molybdenum	96-1	133.59	131.08	131.51	132.06	1.02	ppb
Molybdenum	97-1	164.64	160.57	161.25	162.15	1.35	ppb
Molybdenum	98-1	161.74	156.39	158.31	158.81	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1340.05	1351.62	1350.58	1347.41	0.48	ppb
Phosphorus	31-2	107.37	112.49	112.87	110.91	2.77	ppb
Potassium	39-2	1437.21	1442.00	1444.85	1441.35	0.27	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	77-2	4.01	8.02	3.77	5.26	45.36	ppb
Selenium	78-2	0.95	1.08	0.53	0.85	33.79	ppb
Selenium	82-1	0.68	0.46	0.23	0.45	49.07	ppb
Silicon	28-1	5052.96	5093.59	4990.58	5045.71	1.03	ppb
Silver	109-1	0.19	0.19	0.21	0.20	5.63	ppb
Silver	107-1	0.19	0.19	0.21	0.20	5.83	ppb
Sodium	23-2	175221.02	176417.77	174166.73	175268.51	0.64	ppb
Strontium	86-1	120.86	119.33	121.84	120.68	1.05	ppb
Strontium	88-1	123.77	121.50	124.35	123.21	1.22	ppb
Sulfur	34-1	5539.86	5586.95	5922.20	5683.00	3.67	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.04	0.05	0.05	15.24	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	5.67	ppb
Tin	118-1	11.75	11.68	11.69	11.71	0.31	ppb
Titanium	47-1	42.29	39.50	49.18	43.66	11.41	ppb
Uranium	238-1	0.48	0.47	0.49	0.48	1.52	ppb
Vanadium	51-2	59.16	59.17	59.05	59.13	0.10	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	41.02	40.45	40.19	40.55	1.06	ppb
Zirconium	90-1	0.90	0.88	1.03	0.94	8.90	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01	Instrumnet Name :	P7
Client Sample ID :	MBDCC6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:23:40	DataFile Name :	043SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.96	1.08	0.83	0.96	13.00	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-02	Instrumnet Name :	P7
Client Sample ID :	MBDCC6D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:27:11	DataFile Name :	044SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1219.23	1228.41	1144.20	1197.28	3.86	ppb
Antimony	121-1	1.30	1.34	1.39	1.34	3.15	ppb
Arsenic	75-2	5.74	5.80	5.57	5.70	2.12	ppb
Barium	135-1	112.45	112.41	112.12	112.33	0.16	ppb
Barium	137-1	112.76	113.41	112.52	112.89	0.41	ppb
Beryllium	9-1	0.28	0.24	0.22	0.25	10.90	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	20.18	21.58	21.76	21.17	4.07	ppb
Boron	11-1	21.85	21.87	21.37	21.70	1.30	ppb
Cadmium	111-1	0.39	0.43	0.46	0.43	7.52	ppb
Cadmium	106-1	-1.48	-0.73	-0.77	-0.99		ppb
Cadmium	108-1	1.95	2.27	1.91	2.05	9.48	ppb
Calcium	43-1	18666.46	18420.54	18517.69	18534.90	0.67	ppb
Calcium	44-1	18907.97	18685.87	18909.58	18834.47	0.68	ppb
Chromium	52-2	15520.18	15661.83	15715.15	15632.38	0.64	ppb
Cobalt	59-2	37.00	37.47	37.04	37.17	0.71	ppb
Copper	63-2	191.50	193.78	193.74	193.00	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	52250.49	52282.21	52573.13	52368.61	0.34	ppb
Iron	57-2	51108.89	51766.30	51430.86	51435.35	0.64	ppb
Lead	206-1	1.82	1.85	1.77	1.81	2.32	ppb
Lead	207-1	1.66	1.61	1.63	1.63	1.32	ppb
Lead	208-1	1.74	1.76	1.76	1.75	0.72	ppb
Lithium	6-1				98		%
Magnesium	24-2	7613.50	7560.70	7614.59	7596.26	0.41	ppb
Manganese	55-2	6761.78	6771.62	6800.09	6777.83	0.29	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-02	Instrumnet Name :	P7
Client Sample ID :	MBDCC6D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:27:11	DataFile Name :	044SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	51.56	51.54	52.34	51.81	0.87	ppb
Molybdenum	95-1	167.99	168.79	167.37	168.05	0.42	ppb
Molybdenum	96-1	137.41	138.00	137.62	137.68	0.22	ppb
Molybdenum	97-1	168.39	169.21	167.56	168.39	0.49	ppb
Molybdenum	98-1	164.95	164.96	164.86	164.92	0.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1352.40	1364.92	1360.43	1359.25	0.47	ppb
Phosphorus	31-2	97.60	113.59	78.24	96.47	18.35	ppb
Potassium	39-2	1425.11	1439.71	1454.79	1439.87	1.03	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	3.83	6.60	4.93	5.12	27.24	ppb
Selenium	78-2	0.80	1.13	1.07	1.00	17.81	ppb
Selenium	82-1	1.01	0.64	0.42	0.69	43.91	ppb
Silicon	28-1	4825.07	4826.41	4813.59	4821.69	0.15	ppb
Silver	109-1	0.20	0.21	0.23	0.21	7.83	ppb
Silver	107-1	0.19	0.20	0.20	0.20	3.46	ppb
Sodium	23-2	175767.13	174767.75	173828.00	174787.63	0.55	ppb
Strontium	86-1	120.62	122.38	121.50	121.50	0.72	ppb
Strontium	88-1	122.27	123.51	123.17	122.98	0.52	ppb
Sulfur	34-1	5400.96	5263.83	5432.64	5365.81	1.67	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.03	0.03	15.00	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.15	ppb
Tin	118-1	11.79	11.86	12.08	11.91	1.29	ppb
Titanium	47-1	41.18	40.65	37.63	39.82	4.81	ppb
Uranium	238-1	0.49	0.48	0.48	0.48	1.15	ppb
Vanadium	51-2	59.44	60.01	60.28	59.91	0.72	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	48.90	49.31	49.13	49.11	0.42	ppb
Zirconium	90-1	0.89	0.93	0.90	0.91	2.10	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-02	Instrumnet Name :	P7
Client Sample ID :	MBDCC6D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:27:11	DataFile Name :	044SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.97	1.32	0.96	1.08	18.68	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDCC6L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 14:30:42	DataFile Name :	045SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	275.98	248.55	241.71	255.41	7.10	ppb
Antimony	121-1	0.26	0.29	0.29	0.28	5.22	ppb
Arsenic	75-2	1.11	1.06	1.16	1.11	4.49	ppb
Barium	135-1	21.42	21.59	21.51	21.50	0.40	ppb
Barium	137-1	21.93	21.07	21.89	21.63	2.26	ppb
Beryllium	9-1	0.04	0.05	0.03	0.04	21.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	3.27	3.00	2.92	3.06	6.05	ppb
Boron	11-1	3.28	3.73	3.69	3.57	6.90	ppb
Cadmium	111-1	-0.06	-0.05	-0.04	-0.05		ppb
Cadmium	106-1	-1.91	-1.89	-1.97	-1.92		ppb
Cadmium	108-1	0.27	0.38	0.39	0.35	18.06	ppb
Calcium	43-1	3606.56	3573.40	3546.66	3575.54	0.84	ppb
Calcium	44-1	3558.17	3560.99	3573.31	3564.16	0.23	ppb
Chromium	52-2	3045.60	3042.91	3043.38	3043.96	0.05	ppb
Cobalt	59-2	7.40	7.34	7.38	7.38	0.42	ppb
Copper	63-2	38.05	37.65	37.87	37.86	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				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	10422.01	10247.24	10298.86	10322.70	0.87	ppb
Iron	57-2	10096.36	10045.95	10078.68	10073.66	0.25	ppb
Lead	206-1	0.27	0.25	0.24	0.25	5.87	ppb
Lead	207-1	0.24	0.24	0.21	0.23	6.52	ppb
Lead	208-1	0.26	0.24	0.23	0.24	5.31	ppb
Lithium	6-1				94		%
Magnesium	24-2	1461.80	1455.10	1466.00	1460.96	0.38	ppb
Manganese	55-2	1313.79	1306.07	1315.45	1311.77	0.38	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDCC6L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 14:30:42	DataFile Name :	045SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	10.11	10.42	10.41	10.32	1.71	ppb
Molybdenum	95-1	33.20	33.82	33.89	33.64	1.14	ppb
Molybdenum	96-1	27.04	27.72	27.62	27.46	1.32	ppb
Molybdenum	97-1	33.37	34.11	33.92	33.80	1.15	ppb
Molybdenum	98-1	32.92	33.36	33.13	33.14	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	270.71	268.97	269.79	269.82	0.32	ppb
Phosphorus	31-2	10.76	5.84	10.30	8.97	30.32	ppb
Potassium	39-2	283.81	278.03	288.85	283.56	1.91	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	1.76	0.88	1.75	1.46	34.71	ppb
Selenium	78-2	0.30	0.72	0.67	0.56	40.76	ppb
Selenium	82-1	0.39	0.44	0.27	0.37	24.07	ppb
Silicon	28-1	937.73	942.62	909.89	930.08	1.90	ppb
Silver	109-1	0.05	0.05	0.06	0.05	4.46	ppb
Silver	107-1	0.05	0.04	0.06	0.05	10.63	ppb
Sodium	23-2	34256.76	33768.69	34065.53	34030.33	0.72	ppb
Strontium	86-1	24.22	24.66	24.66	24.51	1.03	ppb
Strontium	88-1	24.47	24.67	24.49	24.55	0.45	ppb
Sulfur	34-1	-159.93	-129.75	-113.11	-134.26		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	2.28	2.22	2.26	2.25	1.42	ppb
Titanium	47-1	7.32	9.43	7.42	8.06	14.79	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	1.87	ppb
Vanadium	51-2	11.47	11.67	11.47	11.53	1.01	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	8.31	7.68	7.94	7.98	3.93	ppb
Zirconium	90-1	0.22	0.21	0.20	0.21	3.11	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDCC6L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 14:30:42	DataFile Name :	045SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.20	0.23	0.20	18.68	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-03	Instrumnet Name :	P7
Client Sample ID :	MBDCC6S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:34:11	DataFile Name :	046SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3186.08	3146.77	3141.24	3158.03	0.77	ppb
Antimony	121-1	94.82	94.52	93.79	94.38	0.56	ppb
Arsenic	75-2	41.50	40.86	40.67	41.01	1.06	ppb
Barium	135-1	2233.08	2242.68	2210.16	2228.64	0.75	ppb
Barium	137-1	2226.00	2238.53	2226.89	2230.47	0.31	ppb
Beryllium	9-1	52.97	51.71	51.60	52.09	1.46	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	10-1	29.56	30.81	31.47	30.61	3.17	ppb
Boron	11-1	31.71	31.84	31.93	31.83	0.36	ppb
Cadmium	111-1	51.51	51.19	51.30	51.33	0.31	ppb
Cadmium	106-1	39.70	38.51	39.27	39.16	1.54	ppb
Cadmium	108-1	48.98	48.24	48.14	48.46	0.94	ppb
Calcium	43-1	18720.45	18849.04	18692.00	18753.83	0.45	ppb
Calcium	44-1	19252.22	19037.59	19026.02	19105.28	0.67	ppb
Chromium	52-2	16451.95	16417.29	16298.24	16389.16	0.49	ppb
Cobalt	59-2	586.25	583.32	585.44	585.01	0.26	ppb
Copper	63-2	481.81	482.97	485.19	483.33	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	54691.31	54502.22	54279.23	54490.92	0.38	ppb
Iron	57-2	53991.53	53947.94	53722.65	53887.37	0.27	ppb
Lead	206-1	22.44	21.96	22.17	22.19	1.06	ppb
Lead	207-1	21.91	21.73	21.74	21.79	0.48	ppb
Lead	208-1	22.40	22.14	22.19	22.24	0.61	ppb
Lithium	6-1				98		%
Magnesium	24-2	7671.19	7690.81	7692.28	7684.76	0.15	ppb
Manganese	55-2	7475.81	7370.52	7423.23	7423.19	0.71	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-03	Instrumnet Name :	P7
Client Sample ID :	MBDCC6S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:34:11	DataFile Name :	046SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	59.60	59.14	59.02	59.25	0.52	ppb
Molybdenum	95-1	193.31	192.96	192.17	192.81	0.30	ppb
Molybdenum	96-1	159.46	157.65	158.08	158.39	0.60	ppb
Molybdenum	97-1	196.64	192.57	192.66	193.96	1.20	ppb
Molybdenum	98-1	193.10	189.57	189.57	190.75	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1940.94	1940.63	1944.46	1942.01	0.11	ppb
Phosphorus	31-2	87.75	111.32	115.57	104.88	14.29	ppb
Potassium	39-2	1464.71	1468.92	1449.26	1460.97	0.71	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	79.59	85.84	93.76	86.40	8.22	ppb
Selenium	78-2	86.19	86.02	84.51	85.57	1.08	ppb
Selenium	82-1	87.38	87.01	86.64	87.01	0.43	ppb
Silicon	28-1	4908.65	4973.13	4842.43	4908.07	1.33	ppb
Silver	109-1	57.33	57.28	57.72	57.44	0.42	ppb
Silver	107-1	57.07	57.25	56.59	56.97	0.60	ppb
Sodium	23-2	178695.63	177292.75	177865.20	177951.19	0.40	ppb
Strontium	86-1	122.93	123.90	122.93	123.25	0.46	ppb
Strontium	88-1	125.60	126.60	126.13	126.11	0.40	ppb
Sulfur	34-1	5490.77	5369.99	5401.54	5420.76	1.16	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	51.04	49.58	50.60	50.41	1.48	ppb
Thallium	205-1	51.59	50.04	51.02	50.88	1.55	ppb
Tin	118-1	13.43	13.44	13.53	13.47	0.42	ppb
Titanium	47-1	75.91	37.48	40.05	51.15	42.00	ppb
Uranium	238-1	0.50	0.49	0.50	0.50	1.54	ppb
Vanadium	51-2	589.75	589.05	588.10	588.97	0.14	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	619.06	626.32	622.15	622.51	0.59	ppb
Zirconium	90-1	1.33	1.00	1.08	1.14	14.96	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-03	Instrumnet Name :	P7
Client Sample ID :	MBDCC6S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:34:11	DataFile Name :	046SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.99	1.01	0.89	0.96	6.60	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:37:41	DataFile Name :	047SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.09	86.74	51.99	65.28	28.75	ppb
Antimony	121-1	0.09	0.14	0.10	0.11	20.70	ppb
Arsenic	75-2	0.29	0.34	0.31	0.31	8.59	ppb
Barium	135-1	5.75	5.65	5.54	5.65	1.85	ppb
Barium	137-1	5.62	5.61	5.44	5.55	1.83	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	36.43	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	0.70	0.58	0.23	0.50	48.40	ppb
Boron	11-1	0.84	0.76	0.89	0.83	7.51	ppb
Cadmium	111-1	-0.13	-0.13	-0.20	-0.15		ppb
Cadmium	106-1	-2.00	-2.22	-2.78	-2.33		ppb
Cadmium	108-1	0.03	0.03	0.11	0.06	81.46	ppb
Calcium	43-1	874.29	926.87	897.36	899.51	2.93	ppb
Calcium	44-1	925.01	929.62	923.26	925.96	0.36	ppb
Chromium	52-2	769.42	773.56	773.80	772.26	0.32	ppb
Cobalt	59-2	1.88	1.97	1.94	1.93	2.58	ppb
Copper	63-2	9.51	9.51	9.54	9.52	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	2649.59	2695.94	2687.79	2677.77	0.92	ppb
Iron	57-2	2574.53	2626.97	2597.59	2599.70	1.01	ppb
Lead	206-1	0.00	0.00	0.00	0.00	5158.08	ppb
Lead	207-1	0.00	-0.01	0.00	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				93		%
Magnesium	24-2	370.37	380.60	381.80	377.59	1.66	ppb
Manganese	55-2	337.80	339.87	340.04	339.24	0.37	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:37:41	DataFile Name :	047SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.75	2.80	2.88	2.81	2.38	ppb
Molybdenum	95-1	9.12	9.06	9.22	9.13	0.87	ppb
Molybdenum	96-1	7.57	7.45	7.58	7.53	0.96	ppb
Molybdenum	97-1	9.14	9.31	9.32	9.26	1.11	ppb
Molybdenum	98-1	8.77	8.97	9.18	8.98	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.72	70.73	70.09	70.18	0.73	ppb
Phosphorus	31-2	2.84	-6.05	-8.19	-3.80		ppb
Potassium	39-2	69.92	75.88	79.46	75.09	6.42	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	1.22	0.00	0.92	0.71	89.15	ppb
Selenium	78-2	0.45	0.49	0.16	0.37	49.20	ppb
Selenium	82-1	0.77	0.34	0.37	0.49	48.67	ppb
Silicon	28-1	290.54	280.19	293.77	288.17	2.46	ppb
Silver	109-1	0.04	0.04	0.02	0.03	34.63	ppb
Silver	107-1	0.03	0.03	0.03	0.03	4.19	ppb
Sodium	23-2	8829.50	8803.35	8751.82	8794.89	0.45	ppb
Strontium	86-1	6.53	6.57	6.15	6.42	3.55	ppb
Strontium	88-1	6.31	6.38	6.38	6.36	0.63	ppb
Sulfur	34-1	-1055.50	-1039.74	-1076.34	-1057.19		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	22.20	ppb
Thallium	205-1	0.01	0.00	0.00	0.01	71.76	ppb
Tin	118-1	0.57	0.55	0.54	0.55	2.22	ppb
Titanium	47-1	1.79	1.71	1.88	1.80	4.88	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	8.89	ppb
Vanadium	51-2	2.92	2.98	2.97	2.96	1.00	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	2.31	1.95	2.23	2.16	8.69	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	10.54	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:37:41	DataFile Name :	047SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.08	0.08	0.06	45.18	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6D	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:41:12	DataFile Name :	048SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.95	63.62	61.83	60.13	7.61	ppb
Antimony	121-1	0.07	0.08	0.09	0.08	13.66	ppb
Arsenic	75-2	0.32	0.25	0.31	0.29	13.59	ppb
Barium	135-1	5.54	5.43	5.43	5.47	1.14	ppb
Barium	137-1	5.56	5.57	5.53	5.55	0.32	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	171.17	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	-0.25	0.33	0.58	0.22	196.30	ppb
Boron	11-1	0.41	0.11	0.36	0.30	54.96	ppb
Cadmium	111-1	-0.18	-0.12	-0.22	-0.17		ppb
Cadmium	106-1	-2.57	-1.88	-3.10	-2.51		ppb
Cadmium	108-1	0.13	0.04	0.04	0.07	66.85	ppb
Calcium	43-1	909.53	946.88	918.83	925.08	2.10	ppb
Calcium	44-1	924.44	924.05	920.73	923.07	0.22	ppb
Chromium	52-2	778.03	783.28	784.89	782.06	0.46	ppb
Cobalt	59-2	1.88	1.91	1.89	1.89	0.62	ppb
Copper	63-2	9.51	9.53	9.44	9.49	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	2676.29	2694.10	2678.08	2682.82	0.37	ppb
Iron	57-2	2591.14	2631.91	2646.81	2623.28	1.10	ppb
Lead	206-1	0.01	0.00	0.00	0.00	150.28	ppb
Lead	207-1	0.00	-0.02	0.03	0.00	487.44	ppb
Lead	208-1	0.00	0.00	0.01	0.00	164.21	ppb
Lithium	6-1				93		%
Magnesium	24-2	380.34	383.68	378.20	380.74	0.72	ppb
Manganese	55-2	339.02	343.99	340.79	341.27	0.74	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6D	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:41:12	DataFile Name :	048SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.71	2.72	2.79	2.74	1.63	ppb
Molybdenum	95-1	8.93	8.97	9.00	8.96	0.41	ppb
Molybdenum	96-1	7.23	7.15	7.36	7.24	1.47	ppb
Molybdenum	97-1	9.03	9.00	8.90	8.98	0.77	ppb
Molybdenum	98-1	8.77	8.70	8.75	8.74	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.19	71.17	71.05	70.80	0.76	ppb
Phosphorus	31-2	-12.37	22.25	-9.90	-0.01		ppb
Potassium	39-2	71.00	71.67	70.79	71.15	0.64	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	0.92	0.30	0.30	0.51	69.76	ppb
Selenium	78-2	0.20	0.22	-0.21	0.07	346.63	ppb
Selenium	82-1	-0.14	0.36	0.13	0.11	220.07	ppb
Silicon	28-1	282.25	285.53	281.68	283.15	0.73	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.96	ppb
Silver	107-1	0.00	0.00	0.00	0.00	722.14	ppb
Sodium	23-2	8699.39	8837.65	8831.88	8789.64	0.89	ppb
Strontium	86-1	6.31	6.46	6.19	6.32	2.15	ppb
Strontium	88-1	6.43	6.36	6.42	6.40	0.59	ppb
Sulfur	34-1	-980.01	-1147.05	-927.22	-1018.09		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.56	0.55	0.59	0.57	3.11	ppb
Titanium	47-1	1.88	1.65	1.67	1.74	7.40	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	4.30	ppb
Vanadium	51-2	2.94	3.03	2.98	2.99	1.48	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	2.53	2.40	2.53	2.49	2.98	ppb
Zirconium	90-1	0.04	0.04	0.06	0.05	22.06	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6D	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:41:12	DataFile Name :	048SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.03	0.04	0.04	28.39	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6S	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:44:42	DataFile Name :	049SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	143.50	145.97	149.02	146.16	1.89	ppb
Antimony	121-1	4.41	4.36	4.46	4.41	1.13	ppb
Arsenic	75-2	1.97	2.05	1.95	1.99	2.85	ppb
Barium	135-1	101.43	100.85	101.43	101.24	0.33	ppb
Barium	137-1	101.82	101.45	101.74	101.67	0.19	ppb
Beryllium	9-1	2.34	2.43	2.44	2.40	2.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	0.37	-0.72	0.56	0.07	995.35	ppb
Boron	11-1	0.25	0.29	0.32	0.29	11.30	ppb
Cadmium	111-1	2.25	2.19	2.30	2.25	2.54	ppb
Cadmium	106-1	-0.40	-0.28	-0.11	-0.26		ppb
Cadmium	108-1	1.90	2.31	2.38	2.20	11.94	ppb
Calcium	43-1	910.18	851.90	844.42	868.83	4.14	ppb
Calcium	44-1	873.46	871.14	875.73	873.44	0.26	ppb
Chromium	52-2	760.06	758.06	751.10	756.41	0.62	ppb
Cobalt	59-2	27.58	27.21	27.49	27.43	0.69	ppb
Copper	63-2	22.41	22.44	22.34	22.40	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	2606.75	2591.45	2575.36	2591.19	0.61	ppb
Iron	57-2	2545.49	2528.54	2504.74	2526.25	0.81	ppb
Lead	206-1	0.90	0.92	0.95	0.92	3.01	ppb
Lead	207-1	0.91	0.91	0.89	0.91	1.19	ppb
Lead	208-1	0.92	0.94	0.95	0.94	1.35	ppb
Lithium	6-1				93		%
Magnesium	24-2	361.66	356.77	357.76	358.73	0.72	ppb
Manganese	55-2	348.92	343.48	345.66	346.02	0.79	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6S	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:44:42	DataFile Name :	049SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.93	2.85	2.98	2.92	2.26	ppb
Molybdenum	95-1	9.62	9.36	9.25	9.41	1.99	ppb
Molybdenum	96-1	7.44	7.63	7.64	7.57	1.47	ppb
Molybdenum	97-1	9.71	9.43	9.47	9.54	1.58	ppb
Molybdenum	98-1	9.37	9.56	9.24	9.39	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.67	92.72	92.98	93.12	0.53	ppb
Phosphorus	31-2	-5.60	-1.25	-9.61	-5.49		ppb
Potassium	39-2	68.95	63.05	66.86	66.29	4.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	3.30	3.95	4.21	3.82	12.29	ppb
Selenium	78-2	5.00	3.60	4.22	4.27	16.44	ppb
Selenium	82-1	4.92	4.45	4.39	4.58	6.31	ppb
Silicon	28-1	264.88	272.44	270.23	269.18	1.44	ppb
Silver	109-1	2.71	2.82	2.72	2.75	2.14	ppb
Silver	107-1	2.70	2.63	2.75	2.69	2.19	ppb
Sodium	23-2	8405.89	8273.97	8243.99	8307.95	1.04	ppb
Strontium	86-1	6.03	6.03	5.93	6.00	0.95	ppb
Strontium	88-1	6.04	6.02	5.98	6.01	0.45	ppb
Sulfur	34-1	-840.21	-973.35	-824.96	-879.51		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	2.27	2.27	2.29	2.27	0.48	ppb
Thallium	205-1	2.31	2.31	2.32	2.31	0.40	ppb
Tin	118-1	0.57	0.60	0.57	0.58	3.48	ppb
Titanium	47-1	1.65	1.58	1.54	1.59	3.40	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.70	ppb
Vanadium	51-2	27.08	27.35	27.43	27.29	0.67	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	29.39	29.21	29.19	29.27	0.38	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	14.96	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6S	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:44:42	DataFile Name :	049SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.04	0.04	20.34	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDCC6L	Dilution Factor :	100
Date & Time Acquired ::	2017-05-23 14:48:12	DataFile Name :	050SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.09	10.31	21.82	15.74	36.73	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	27.51	ppb
Arsenic	75-2	0.06	0.03	0.04	0.04	31.53	ppb
Barium	135-1	0.98	1.03	1.00	1.00	2.66	ppb
Barium	137-1	1.06	1.05	1.11	1.07	3.12	ppb
Beryllium	9-1	0.01	0.01	-0.01	0.01	223.77	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	-1.49	-1.56	-1.28	-1.44		ppb
Boron	11-1	-0.93	-1.13	-1.00	-1.02		ppb
Cadmium	111-1	-0.17	-0.15	-0.21	-0.18		ppb
Cadmium	106-1	-2.26	-2.05	-2.75	-2.35		ppb
Cadmium	108-1	0.00	0.06	0.02	0.03	107.26	ppb
Calcium	43-1	170.57	176.16	185.22	177.32	4.17	ppb
Calcium	44-1	179.16	178.34	174.00	177.17	1.56	ppb
Chromium	52-2	147.60	146.44	147.07	147.04	0.39	ppb
Cobalt	59-2	0.33	0.33	0.34	0.34	2.49	ppb
Copper	63-2	1.18	1.14	1.15	1.16	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	56-2	501.58	498.47	498.55	499.54	0.35	ppb
Iron	57-2	499.20	504.27	498.03	500.50	0.66	ppb
Lead	206-1	-0.06	-0.05	-0.08	-0.06		ppb
Lead	207-1	-0.07	-0.07	-0.07	-0.07		ppb
Lead	208-1	-0.06	-0.06	-0.07	-0.07		ppb
Lithium	6-1				92		%
Magnesium	24-2	73.90	74.40	72.59	73.63	1.27	ppb
Manganese	55-2	65.15	65.41	64.99	65.19	0.33	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDCC6L	Dilution Factor :	100
Date & Time Acquired ::	2017-05-23 14:48:12	DataFile Name :	050SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.51	0.52	0.56	0.53	5.77	ppb
Molybdenum	95-1	1.69	1.79	1.77	1.75	3.14	ppb
Molybdenum	96-1	1.38	1.37	1.40	1.38	1.42	ppb
Molybdenum	97-1	1.80	1.78	1.60	1.73	6.37	ppb
Molybdenum	98-1	1.79	1.73	1.72	1.74	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.23	13.53	13.41	13.39	1.12	ppb
Phosphorus	31-2	-11.95	-17.99	2.84	-9.03		ppb
Potassium	39-2	11.79	14.24	13.92	13.31	9.97	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	0.31	0.00	0.31	0.21	86.60	ppb
Selenium	78-2	0.58	0.47	0.33	0.46	27.47	ppb
Selenium	82-1	-0.15	0.51	0.51	0.29	132.07	ppb
Silicon	28-1	50.69	52.32	48.71	50.57	3.58	ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	107-1	-0.01	-0.02	-0.02	-0.02		ppb
Sodium	23-2	1630.66	1634.49	1610.19	1625.11	0.80	ppb
Strontium	86-1	1.17	1.20	1.06	1.14	6.64	ppb
Strontium	88-1	1.18	1.24	1.23	1.22	2.53	ppb
Sulfur	34-1	-1010.08	-959.33	-1151.96	-1040.46		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.07	0.08	0.08	0.08	9.51	ppb
Titanium	47-1	0.32	0.39	0.30	0.34	14.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.57	0.61	0.56	0.58	4.74	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	0.31	0.40	0.36	0.36	12.58	ppb
Zirconium	90-1	-0.01	0.01	0.01	0.01	166.13	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDCC6L	Dilution Factor :	100
Date & Time Acquired ::	2017-05-23 14:48:12	DataFile Name :	050SMPL_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.02	0.01	70.49	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:51:44	DataFile Name :	051CCV_P7052317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50267.37	50283.65	49894.77	50148.60	0.44	ppb
Antimony	121-1	476.93	475.67	470.90	474.50	0.67	ppb
Arsenic	75-2	483.78	487.07	482.98	484.61	0.45	ppb
Barium	135-1	2413.98	2456.45	2416.54	2428.99	0.98	ppb
Barium	137-1	2444.11	2435.06	2419.59	2432.92	0.51	ppb
Beryllium	9-1	495.84	490.38	490.57	492.27	0.63	ppb
Bismuth	209-1				91		%
Bismuth	209-2				86		%
Boron	10-1	477.62	494.13	486.65	486.13	1.70	ppb
Boron	11-1	487.16	488.09	490.86	488.70	0.39	ppb
Cadmium	111-1	461.43	465.72	462.65	463.27	0.48	ppb
Cadmium	106-1	467.42	464.49	462.79	464.90	0.50	ppb
Cadmium	108-1	467.86	461.35	463.04	464.08	0.73	ppb
Calcium	43-1	239964.77	237891.85	239357.06	239071.23	0.45	ppb
Calcium	44-1	239644.91	239677.83	240066.17	239796.30	0.10	ppb
Chromium	52-2	498.79	504.04	499.46	500.76	0.57	ppb
Cobalt	59-2	482.11	489.24	480.63	483.99	0.95	ppb
Copper	63-2	940.09	952.38	934.70	942.39	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	123931.18	125017.11	123865.71	124271.33	0.52	ppb
Iron	57-2	123976.14	125344.72	124246.40	124522.42	0.58	ppb
Lead	206-1	483.86	483.36	488.68	485.30	0.61	ppb
Lead	207-1	482.61	483.11	485.12	483.62	0.27	ppb
Lead	208-1	489.50	493.00	494.01	492.17	0.48	ppb
Lithium	6-1				87		%
Magnesium	24-2	248338.67	250468.25	247077.52	248628.15	0.69	ppb
Manganese	55-2	976.09	986.78	976.34	979.74	0.62	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:51:44	DataFile Name :	051CCV_P7052317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	493.38	493.42	491.95	492.92	0.17	ppb
Molybdenum	95-1	485.54	485.49	486.74	485.92	0.15	ppb
Molybdenum	96-1	476.87	478.08	479.48	478.14	0.27	ppb
Molybdenum	97-1	488.13	487.29	486.91	487.44	0.13	ppb
Molybdenum	98-1	496.79	495.59	494.82	495.73	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.84	487.47	480.73	484.01	0.70	ppb
Phosphorus	31-2	9518.53	9720.92	9675.29	9638.25	1.10	ppb
Potassium	39-2	120531.79	122045.36	120820.69	121132.61	0.66	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	493.25	494.07	475.65	487.66	2.13	ppb
Selenium	78-2	484.89	476.48	471.69	477.69	1.40	ppb
Selenium	82-1	466.17	468.49	466.99	467.22	0.25	ppb
Silicon	28-1	430.49	433.43	443.94	435.95	1.62	ppb
Silver	109-1	462.74	466.04	467.93	465.57	0.56	ppb
Silver	107-1	478.02	469.03	462.27	469.77	1.68	ppb
Sodium	23-2	241031.62	242946.47	239835.28	241271.12	0.65	ppb
Strontium	86-1	493.33	491.40	494.88	493.20	0.35	ppb
Strontium	88-1	504.66	502.79	505.91	504.45	0.31	ppb
Sulfur	34-1	8667.98	8630.85	8505.12	8601.32	0.99	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	498.73	498.63	505.02	500.79	0.73	ppb
Thallium	205-1	497.65	494.55	505.41	499.20	1.12	ppb
Tin	118-1	467.47	468.24	464.11	466.61	0.47	ppb
Titanium	47-1	486.53	483.51	482.58	484.21	0.43	ppb
Uranium	238-1	510.04	510.00	514.49	511.51	0.51	ppb
Vanadium	51-2	491.81	496.71	492.94	493.82	0.52	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	943.10	961.04	935.33	946.49	1.39	ppb
Zirconium	90-1	500.16	495.04	493.73	496.31	0.68	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:51:44	DataFile Name :	051CCV_P7052317-MS.I

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.64	487.74	488.71	488.03	0.12	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 15:01:53	DataFile Name :	052CCBE_P7052317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.80	-0.51	-0.63	-0.64		ppb
Antimony	121-1	0.62	0.75	0.86	0.74	15.99	ppb
Arsenic	75-2	0.05	0.07	0.07	0.06	19.32	ppb
Barium	135-1	0.05	0.00	-0.02	0.01	284.82	ppb
Barium	137-1	0.03	-0.01	-0.02	0.00	7215.74	ppb
Beryllium	9-1	0.02	0.01	0.01	0.02	45.63	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	0.89	0.41	0.14	0.48	80.07	ppb
Boron	11-1	0.70	0.66	0.68	0.68	3.04	ppb
Cadmium	111-1	-0.16	-0.22	-0.16	-0.18		ppb
Cadmium	106-1	-2.29	-2.83	-2.11	-2.41		ppb
Cadmium	108-1	-0.01	-0.01	-0.04	-0.02		ppb
Calcium	43-1	-0.61	-2.77	-5.68	-3.02		ppb
Calcium	44-1	-3.94	-5.02	-5.33	-4.76		ppb
Chromium	52-2	-0.01	-0.02	-0.03	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	-0.80	-0.81	-0.82	-0.81		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	0.45	0.43	0.46	0.45	4.16	ppb
Iron	57-2	0.53	0.35	0.45	0.44	20.43	ppb
Lead	206-1	-0.05	-0.05	-0.05	-0.05		ppb
Lead	207-1	-0.05	-0.05	-0.07	-0.06		ppb
Lead	208-1	-0.05	-0.05	-0.06	-0.05		ppb
Lithium	6-1				95		%
Magnesium	24-2	0.33	0.48	0.09	0.30	64.28	ppb
Manganese	55-2	0.00	-0.01	-0.01	0.00		ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 15:01:53	DataFile Name :	052CCBE_P7052317-M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.06	0.11	0.08	37.30	ppb
Molybdenum	95-1	0.13	0.14	0.18	0.15	17.50	ppb
Molybdenum	96-1	0.08	0.12	0.16	0.12	36.48	ppb
Molybdenum	97-1	0.11	0.11	0.18	0.14	28.43	ppb
Molybdenum	98-1	0.11	0.14	0.19	0.15	31.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.03	-0.02		ppb
Phosphorus	31-2	-9.92	-10.04	3.68	-5.42		ppb
Potassium	39-2	4.90	4.37	6.40	5.22	20.18	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	0.30	0.30	0.00	0.20	86.60	ppb
Selenium	78-2	0.42	0.18	-0.07	0.17	141.12	ppb
Selenium	82-1	0.40	0.71	0.91	0.67	38.38	ppb
Silicon	28-1	-5.48	-5.61	-5.86	-5.65		ppb
Silver	109-1	-0.01	-0.01	-0.02	-0.01		ppb
Silver	107-1	-0.01	-0.02	-0.01	-0.01		ppb
Sodium	23-2	-30.14	-30.59	-33.92	-31.55		ppb
Strontium	86-1	-0.03	-0.04	-0.01	-0.03		ppb
Strontium	88-1	-0.02	-0.03	-0.03	-0.03		ppb
Sulfur	34-1	-783.53	-795.77	-943.55	-840.95		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	25.75	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	49.66	ppb
Tin	118-1	0.03	0.00	0.04	0.02	79.42	ppb
Titanium	47-1	-0.05	-0.06	-0.06	-0.06		ppb
Uranium	238-1	0.00	-0.01	-0.01	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	-0.11	-0.07	-0.08	-0.09		ppb
Zirconium	90-1	0.05	0.04	0.05	0.05	11.04	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 15:01:53	DataFile Name :	052CCBE_P7052317-MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.03	0.06	0.05	42.47	ppb

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:15:48	DataFile Name :	003CALB_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	167	158	169	7.51	cps
Antimony	121-1	400	342	433	392	11.85	cps
Arsenic	75-2	17	24	22	21	18.35	cps
Barium	135-1	117	117	67	100	28.87	cps
Barium	137-1	200	150	225	192	19.92	cps
Beryllium	9-1	106	67	128	100	30.93	cps
Bismuth	209-1	10607724	10633361	10621430	10620838	0.12	cps
Bismuth	209-2	6045655	6031408	6056500	6044521	0.21	cps
Boron	10-1	842	1017	992	950	9.96	cps
Boron	11-1	4701	4342	4276	4440	5.15	cps
Cadmium	111-1	3570	3516	3307	3464	4.00	cps
Cadmium	106-1	5101	5009	4693	4934	4.34	cps
Cadmium	108-1	38	17	4	19	86.58	cps
Calcium	43-1	383	542	408	444	19.15	cps
Calcium	44-1	16910	17511	16960	17127	1.95	cps
Chromium	52-2	1543	1510	1630	1561	3.97	cps
Cobalt	59-2	173	197	237	202	15.84	cps
Copper	63-2	6935	7032	6565	6844	3.60	cps
Dysprosium	156-1	25	17	42	28	45.82	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	58	42	50	50	16.67	cps
Erbium	164-2	17	23	13	18	28.64	cps
Gadolinium	160-1	142	167	75	128	37.09	cps
Gadolinium	160-2	60	77	47	61	24.60	cps
Holmium	165-1	14944554	15031989	14967746	14981430	0.30	cps
Holmium	165-2	7479299	7373835	7423517	7425551	0.71	cps
Indium	115-1	11574263	11807543	11819980	11733929	1.18	cps
Indium	115-2	2252015	2257967	2262374	2257452	0.23	cps
Iron	56-2	6151	6535	6402	6363	3.06	cps
Iron	57-2	144	189	150	161	15.03	cps
Lead	206-1	2645	2528	2712	2628	3.53	cps
Lead	207-1	2211	2389	2484	2361	5.85	cps
Lead	208-1	10485	10380	10869	10578	2.43	cps
Lithium	6-1	1584893	1589236	1591697	1588609	0.22	cps
Magnesium	24-2	250	267	233	250	6.67	cps
Manganese	55-2	113	147	117	126	14.62	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:15:48	DataFile Name :	003CALB_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	517	558	533	536	3.91	cps
Molybdenum	95-1	200	200	267	222	17.32	cps
Molybdenum	96-1	375	383	433	397	7.94	cps
Molybdenum	97-1	158	242	192	197	21.27	cps
Molybdenum	98-1	450	492	483	475	4.64	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	450	463	427	447	4.16	cps
Phosphorus	31-2	317	433	400	383	15.68	cps
Potassium	39-2	45914	45721	45905	45847	0.24	cps
Rhodium	103-1	10691678	10726335	10818430	10745481	0.61	cps
Rhodium	103-2	5185874	5211598	5224962	5207478	0.38	cps
Scandium	45-1	6565844	6582128	6605776	6584583	0.30	cps
Scandium	45-2	318065	321421	316726	318737	0.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	102	76	85	88	14.98	cps
Selenium	82-1	-133	-4	22	-38	-216.75	cps
Silicon	28-1	432284	431894	424458	429545	1.03	cps
Silver	109-1	558	533	458	517	10.07	cps
Silver	107-1	700	633	658	664	5.07	cps
Sodium	23-2	64204	63536	64464	64068	0.75	cps
Strontium	86-1	2325	2217	1975	2172	8.25	cps
Strontium	88-1	1742	1767	1508	1672	8.52	cps
Sulfur	34-1	692902	690847	686040	689930	0.51	cps
Terbium	159-1	15196559	15308034	15330525	15278373	0.47	cps
Terbium	159-2	7261678	7325412	7334945	7307345	0.55	cps
Thallium	203-1	358	342	417	372	10.58	cps
Thallium	205-1	983	792	725	833	16.09	cps
Tin	118-1	1283	1133	1350	1256	8.84	cps
Titanium	47-1	183	233	250	222	15.61	cps
Uranium	238-1	558	583	475	539	10.53	cps
Vanadium	51-2	23	47	50	40	36.33	cps
Yttrium	89-1	11347413	11518099	11429337	11431616	0.75	cps
Yttrium	89-2	1704985	1704189	1696117	1701763	0.29	cps
Zinc	66-2	193	180	183	186	3.74	cps
Zirconium	90-1	925	892	1233	1017	18.53	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:15:48	DataFile Name :	003CALB_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	242	233	217	16.77	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:23:26	DataFile Name :	005CALS_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3017	2500	2817	2778	9.38	cps
Antimony	121-1	30526	29440	30751	30239	2.32	cps
Arsenic	75-2	517	557	509	528	4.91	cps
Barium	135-1	35104	34293	34402	34600	1.27	cps
Barium	137-1	58918	57663	60566	59049	2.47	cps
Beryllium	9-1	2278	2378	2278	2311	2.50	cps
Bismuth	209-1	10348291	10322532	10553338	10408054	1.22	cps
Bismuth	209-2	5857040	5879886	5930514	5889147	0.64	cps
Boron	10-1	8052	8119	7986	8052	0.83	cps
Boron	11-1	40823	39987	40371	40394	1.04	cps
Cadmium	111-1	7016	6853	7240	7036	2.76	cps
Cadmium	106-1	5176	4809	5118	5034	3.92	cps
Cadmium	108-1	279	271	258	269	3.89	cps
Calcium	43-1	18604	18938	19530	19024	2.47	cps
Calcium	44-1	322139	313467	322104	319237	1.57	cps
Chromium	52-2	10904	10894	10938	10912	0.21	cps
Cobalt	59-2	7475	7305	7912	7564	4.14	cps
Copper	63-2	17988	17527	17284	17600	2.03	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	83	75	75	78	6.19	cps
Erbium	164-2	30	53	43	42	27.72	cps
Gadolinium	160-1	142	158	133	144	8.81	cps
Gadolinium	160-2	67	80	50	66	22.93	cps
Holmium	165-1	14883133	14466937	14893103	14747724	1.65	cps
Holmium	165-2	7345339	7299616	7422172	7355709	0.84	cps
Indium	115-1	11625546	11435516	11698413	11586492	1.17	cps
Indium	115-2	2220552	2218964	2232307	2223941	0.33	cps
Iron	56-2	189748	187649	188162	188519	0.58	cps
Iron	57-2	4540	4679	5162	4794	6.82	cps
Lead	206-1	15693	15404	16322	15806	2.97	cps
Lead	207-1	14442	13885	14136	14154	1.97	cps
Lead	208-1	64468	62231	65315	64004	2.49	cps
Lithium	6-1	1563182	1540089	1576642	1559971	1.19	cps
Magnesium	24-2	157487	157224	155407	156706	0.72	cps
Manganese	55-2	2527	2607	2544	2559	1.65	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:23:26	DataFile Name :	005CAL5_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	26768	26225	25641	26211	2.15	cps
Molybdenum	95-1	33565	32947	33056	33189	0.99	cps
Molybdenum	96-1	36431	35921	36782	36378	1.19	cps
Molybdenum	97-1	21041	21584	21918	21514	2.06	cps
Molybdenum	98-1	54146	53326	52113	53195	1.92	cps
Neodymium	150-1	0	0	27	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2554	2384	2650	2529	5.34	cps
Phosphorus	31-2	467	417	442	442	5.66	cps
Potassium	39-2	194406	197453	195639	195833	0.78	cps
Rhodium	103-1	10655999	10324459	10669628	10550029	1.85	cps
Rhodium	103-2	5095086	5126055	5161853	5127665	0.65	cps
Scandium	45-1	6562141	6437495	6634795	6544811	1.52	cps
Scandium	45-2	313809	311594	316142	313848	0.72	cps
Selenium	77-2	37	40	53	43	20.34	cps
Selenium	78-2	243	287	274	268	8.53	cps
Selenium	82-1	1077	1035	1092	1068	2.78	cps
Silicon	28-1	514742	510895	515570	513736	0.49	cps
Silver	109-1	23529	23312	23863	23568	1.18	cps
Silver	107-1	24188	24756	25165	24703	1.99	cps
Sodium	23-2	327872	327044	329214	328043	0.33	cps
Strontium	86-1	6568	6493	6752	6605	2.01	cps
Strontium	88-1	39029	39188	40892	39703	2.60	cps
Sulfur	34-1	677411	669084	671058	672518	0.65	cps
Terbium	159-1	15055862	15074071	15263364	15131099	0.76	cps
Terbium	159-2	7179659	7185766	7172615	7179347	0.09	cps
Thallium	203-1	15977	15243	15777	15665	2.42	cps
Thallium	205-1	37437	37462	38081	37660	0.97	cps
Tin	118-1	59870	57210	58297	58459	2.29	cps
Titanium	47-1	9645	9087	9362	9364	2.98	cps
Uranium	238-1	53795	54122	55477	54465	1.64	cps
Vanadium	51-2	17731	17754	17227	17571	1.70	cps
Yttrium	89-1	11330267	11159057	11406876	11298733	1.12	cps
Yttrium	89-2	1679072	1675791	1683670	1679511	0.24	cps
Zinc	66-2	1760	1900	1723	1795	5.20	cps
Zirconium	90-1	21475	21192	20616	21094	2.08	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:23:26	DataFile Name :	005CALS_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4359	4726	4451	4512	4.23	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:27:16	DataFile Name :	006CAL5_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	141851	139242	140925	140673	0.94	cps
Antimony	121-1	746755	735080	732480	738105	1.03	cps
Arsenic	75-2	28576	28036	28539	28384	1.06	cps
Barium	135-1	967510	964091	973268	968289	0.48	cps
Barium	137-1	1681328	1679018	1685802	1682049	0.21	cps
Beryllium	9-1	131839	131352	130019	131070	0.72	cps
Bismuth	209-1	10549468	10711056	10635602	10632042	0.76	cps
Bismuth	209-2	6006616	5969487	6000246	5992116	0.33	cps
Boron	10-1	17878	17444	18670	17997	3.46	cps
Boron	11-1	87612	90169	90176	89319	1.66	cps
Cadmium	111-1	213925	217708	213499	215044	1.08	cps
Cadmium	106-1	27862	28062	27970	27965	0.36	cps
Cadmium	108-1	15492	15788	15730	15670	1.00	cps
Calcium	43-1	211497	210149	212403	211350	0.54	cps
Calcium	44-1	3447990	3474639	3431909	3451513	0.63	cps
Chromium	52-2	247226	243773	243544	244848	0.84	cps
Cobalt	59-2	408336	405452	403870	405886	0.56	cps
Copper	63-2	596117	592474	592494	593695	0.35	cps
Dysprosium	156-1	42	8	25	25	66.68	cps
Dysprosium	156-2	10	3	13	9	57.30	cps
Erbium	164-1	58	42	58	53	18.23	cps
Erbium	164-2	23	20	13	19	26.96	cps
Gadolinium	160-1	175	167	142	161	10.77	cps
Gadolinium	160-2	60	77	60	66	14.68	cps
Holmium	165-1	14967497	14974463	14932575	14958178	0.15	cps
Holmium	165-2	7401743	7381761	7335452	7372985	0.46	cps
Indium	115-1	11612717	11747241	11598647	11652868	0.70	cps
Indium	115-2	2249670	2245857	2240809	2245446	0.20	cps
Iron	56-2	10304001	10249940	10138028	10230656	0.83	cps
Iron	57-2	251960	252460	250660	251693	0.37	cps
Lead	206-1	697035	693886	688332	693084	0.64	cps
Lead	207-1	643594	648310	640586	644164	0.60	cps
Lead	208-1	2878750	2894203	2869450	2880801	0.43	cps
Lithium	6-1	1582948	1579942	1582079	1581656	0.10	cps
Magnesium	24-2	1730555	1723867	1722390	1725604	0.25	cps
Manganese	55-2	274596	272210	272999	273268	0.44	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:27:16	DataFile Name :	006CAL5_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	691519	696997	683397	690638	0.99	cps
Molybdenum	95-1	377724	377692	374826	376747	0.44	cps
Molybdenum	96-1	482405	482540	477441	480795	0.60	cps
Molybdenum	97-1	233177	232788	232160	232709	0.22	cps
Molybdenum	98-1	603106	610315	602645	605355	0.71	cps
Neodymium	150-1	80	80	93	84	9.12	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	110439	109700	107547	109229	1.38	cps
Phosphorus	31-2	8269	8228	8303	8267	0.45	cps
Potassium	39-2	881124	874021	876965	877370	0.41	cps
Rhodium	103-1	10648485	10710077	10703231	10687264	0.32	cps
Rhodium	103-2	5168499	5149258	5136884	5151547	0.31	cps
Scandium	45-1	6589897	6644658	6532455	6589003	0.85	cps
Scandium	45-2	315766	311567	316149	314494	0.81	cps
Selenium	77-2	573	713	487	591	19.35	cps
Selenium	78-2	2039	2074	2102	2072	1.52	cps
Selenium	82-1	12365	12464	12175	12335	1.19	cps
Silicon	28-1	932456	935473	938422	935450	0.32	cps
Silver	109-1	985892	985613	966751	979418	1.12	cps
Silver	107-1	1019665	1025116	1020040	1021607	0.30	cps
Sodium	23-2	3341922	3320344	3303317	3321861	0.58	cps
Strontium	86-1	255867	252483	255292	254547	0.71	cps
Strontium	88-1	2191289	2215194	2198236	2201573	0.56	cps
Sulfur	34-1	762357	745462	751641	753153	1.14	cps
Terbium	159-1	15262151	15423492	15449197	15378280	0.66	cps
Terbium	159-2	7238403	7292903	7317248	7282851	0.55	cps
Thallium	203-1	850731	861987	854612	855777	0.67	cps
Thallium	205-1	2071329	2062363	2067610	2067101	0.22	cps
Tin	118-1	656170	653487	653032	654230	0.26	cps
Titanium	47-1	103168	106073	103410	104217	1.55	cps
Uranium	238-1	3083493	3060888	3078675	3074352	0.39	cps
Vanadium	51-2	198787	197411	194936	197045	0.99	cps
Yttrium	89-1	11453099	11484914	11374303	11437438	0.50	cps
Yttrium	89-2	1702209	1686244	1701392	1696615	0.53	cps
Zinc	66-2	85281	85207	84758	85082	0.33	cps
Zirconium	90-1	1328317	1330138	1303312	1320589	1.14	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:27:16	DataFile Name :	006CALS_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	298053	296018	291539	295203	1.13	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:31:25	DataFile Name :	007CAL5_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	340599	344858	345322	343593	0.76	cps
Antimony	121-1	2024197	1997024	1981791	2001004	1.07	cps
Arsenic	75-2	70025	70358	70006	70130	0.28	cps
Barium	135-1	2444626	2441836	2414435	2433632	0.69	cps
Barium	137-1	4268922	4257300	4224526	4250249	0.54	cps
Beryllium	9-1	325350	325097	323616	324688	0.29	cps
Bismuth	209-1	10564093	10536325	10590808	10563742	0.26	cps
Bismuth	209-2	5854063	5913518	5851163	5872914	0.60	cps
Boron	10-1	43505	43748	43781	43678	0.34	cps
Boron	11-1	220086	220003	221135	220408	0.29	cps
Cadmium	111-1	534336	531575	527708	531206	0.63	cps
Cadmium	106-1	62790	63685	64254	63577	1.16	cps
Cadmium	108-1	38657	38494	38833	38661	0.44	cps
Calcium	43-1	523131	522925	522986	523014	0.02	cps
Calcium	44-1	8563156	8599451	8511928	8558178	0.51	cps
Chromium	52-2	599367	597764	599224	598785	0.15	cps
Cobalt	59-2	984451	992350	991507	989436	0.44	cps
Copper	63-2	1436656	1438720	1442648	1439341	0.21	cps
Dysprosium	156-1	100	108	92	100	8.33	cps
Dysprosium	156-2	27	13	23	21	32.88	cps
Erbium	164-1	42	67	58	56	22.91	cps
Erbium	164-2	30	40	30	33	17.32	cps
Gadolinium	160-1	233	217	158	203	19.42	cps
Gadolinium	160-2	67	70	107	81	27.36	cps
Holmium	165-1	15111430	15207920	15194337	15171229	0.34	cps
Holmium	165-2	7238093	7345491	7259325	7280969	0.78	cps
Indium	115-1	11767263	11592964	11595736	11651988	0.86	cps
Indium	115-2	2182873	2200882	2191537	2191764	0.41	cps
Iron	56-2	24942639	25207785	24972069	25040831	0.58	cps
Iron	57-2	612759	622640	617900	617767	0.80	cps
Lead	206-1	1765006	1752562	1756293	1757954	0.36	cps
Lead	207-1	1624645	1618156	1618685	1620495	0.22	cps
Lead	208-1	7280431	7243510	7276649	7266863	0.28	cps
Lithium	6-1	1579636	1593333	1580436	1584468	0.49	cps
Magnesium	24-2	4220793	4243563	4240251	4234869	0.29	cps
Manganese	55-2	666085	668083	666685	666951	0.15	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:31:25	DataFile Name :	007CAL5_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1776936	1757534	1744933	1759801	0.92	cps
Molybdenum	95-1	964035	951793	949305	955044	0.83	cps
Molybdenum	96-1	1234644	1228753	1214398	1225932	0.85	cps
Molybdenum	97-1	591767	596739	588201	592236	0.72	cps
Molybdenum	98-1	1531683	1535092	1521263	1529346	0.47	cps
Neodymium	150-1	167	160	173	167	4.00	cps
Neodymium	150-2	3	13	13	10	57.75	cps
Nickel	60-2	265525	265355	267150	266010	0.37	cps
Phosphorus	31-2	19622	20148	19672	19814	1.46	cps
Potassium	39-2	2073845	2073996	2072599	2073480	0.04	cps
Rhodium	103-1	10564218	10683476	10717664	10655119	0.76	cps
Rhodium	103-2	5010681	5034885	4992190	5012585	0.43	cps
Scandium	45-1	6610323	6557213	6539355	6568964	0.56	cps
Scandium	45-2	308603	305646	306783	307011	0.49	cps
Selenium	77-2	1350	1437	1423	1403	3.33	cps
Selenium	78-2	4705	4903	4892	4833	2.30	cps
Selenium	82-1	31696	31426	31405	31509	0.51	cps
Silicon	28-1	1718259	1709962	1722594	1716939	0.37	cps
Silver	109-1	2451080	2473120	2451496	2458565	0.51	cps
Silver	107-1	2557873	2551489	2560498	2556620	0.18	cps
Sodium	23-2	7999108	8020661	8047068	8022279	0.30	cps
Strontium	86-1	631250	630325	626941	629506	0.36	cps
Strontium	88-1	5532909	5544629	5508038	5528525	0.34	cps
Sulfur	34-1	853147	846473	832489	844036	1.25	cps
Terbium	159-1	15428197	15356008	15429654	15404620	0.27	cps
Terbium	159-2	7196970	7242589	7275834	7238464	0.55	cps
Thallium	203-1	2191957	2180173	2170466	2180865	0.49	cps
Thallium	205-1	5328998	5229668	5289465	5282710	0.95	cps
Tin	118-1	1655054	1648295	1638685	1647345	0.50	cps
Titanium	47-1	256838	257575	256434	256949	0.23	cps
Uranium	238-1	7611667	7636281	7736250	7661399	0.86	cps
Vanadium	51-2	482167	481426	486759	483451	0.60	cps
Yttrium	89-1	11572258	11419146	11425412	11472272	0.76	cps
Yttrium	89-2	1656620	1671612	1648296	1658842	0.71	cps
Zinc	66-2	208685	207529	209689	208634	0.52	cps
Zirconium	90-1	3372397	3375505	3356652	3368184	0.30	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:31:25	DataFile Name :	007CALS_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	747362	745178	748707	747082	0.24	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:35:08	DataFile Name :	008CAL5_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683736	689967	687955	687219	0.46	cps
Antimony	121-1	4119216	4094749	4079559	4097841	0.49	cps
Arsenic	75-2	140535	141461	141513	141170	0.39	cps
Barium	135-1	4894294	4899919	4903548	4899253	0.10	cps
Barium	137-1	8495440	8450428	8403041	8449636	0.55	cps
Beryllium	9-1	647118	638107	640611	641945	0.72	cps
Bismuth	209-1	10567388	10637868	10584463	10596573	0.35	cps
Bismuth	209-2	5886936	5951402	5953986	5930775	0.64	cps
Boron	10-1	86514	86615	87227	86785	0.44	cps
Boron	11-1	432246	429638	436398	432761	0.79	cps
Cadmium	111-1	1050070	1047482	1047398	1048317	0.14	cps
Cadmium	106-1	119341	119375	119189	119302	0.08	cps
Cadmium	108-1	79207	77695	76564	77822	1.70	cps
Calcium	43-1	1040607	1041769	1038521	1040299	0.16	cps
Calcium	44-1	16918136	16831493	16703580	16817736	0.64	cps
Chromium	52-2	1191830	1204580	1200159	1198856	0.54	cps
Cobalt	59-2	1969550	1988706	1986256	1981504	0.53	cps
Copper	63-2	2853335	2864822	2855509	2857889	0.21	cps
Dysprosium	156-1	167	117	142	142	17.65	cps
Dysprosium	156-2	50	27	50	42	31.90	cps
Erbium	164-1	58	25	83	56	52.68	cps
Erbium	164-2	20	30	40	30	33.33	cps
Gadolinium	160-1	275	200	192	222	20.65	cps
Gadolinium	160-2	113	57	83	84	33.57	cps
Holmium	165-1	15088566	15169193	15073516	15110425	0.34	cps
Holmium	165-2	7415936	7448446	7487999	7450794	0.48	cps
Indium	115-1	11500115	11607862	11500618	11536198	0.54	cps
Indium	115-2	2195898	2209048	2198572	2201173	0.32	cps
Iron	56-2	49979516	50037953	50058366	50025278	0.08	cps
Iron	57-2	1229652	1237364	1238992	1235336	0.40	cps
Lead	206-1	3496307	3517958	3506082	3506782	0.31	cps
Lead	207-1	3234236	3273985	3256707	3254976	0.61	cps
Lead	208-1	14461391	14538706	14422866	14474321	0.41	cps
Lithium	6-1	1588304	1589753	1575972	1584676	0.48	cps
Magnesium	24-2	8426507	8421432	8467213	8438384	0.30	cps
Manganese	55-2	1331001	1335173	1343433	1336536	0.47	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:35:08	DataFile Name :	008CAL5_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3542667	3529060	3545774	3539167	0.25	cps
Molybdenum	95-1	1910265	1891924	1893330	1898506	0.54	cps
Molybdenum	96-1	2445660	2422750	2423836	2430748	0.53	cps
Molybdenum	97-1	1184243	1175084	1175169	1178165	0.45	cps
Molybdenum	98-1	3082684	3045229	3043407	3057106	0.73	cps
Neodymium	150-1	387	307	367	353	11.78	cps
Neodymium	150-2	47	50	37	44	15.61	cps
Nickel	60-2	522974	526389	528753	526038	0.55	cps
Phosphorus	31-2	39403	39294	39854	39517	0.75	cps
Potassium	39-2	4123355	4159073	4141613	4141347	0.43	cps
Rhodium	103-1	10489008	10419236	10390308	10432851	0.49	cps
Rhodium	103-2	5007194	5032239	5039517	5026317	0.34	cps
Scandium	45-1	6564378	6511723	6443983	6506694	0.93	cps
Scandium	45-2	312061	312161	310267	311496	0.34	cps
Selenium	77-2	2770	2767	2920	2819	3.11	cps
Selenium	78-2	9616	9879	9898	9798	1.61	cps
Selenium	82-1	62317	61800	61651	61923	0.56	cps
Silicon	28-1	3008551	3016968	3036405	3020641	0.47	cps
Silver	109-1	4899812	4860597	4848940	4869783	0.55	cps
Silver	107-1	5075798	5051579	5047258	5058212	0.30	cps
Sodium	23-2	16067362	16155887	16068357	16097202	0.32	cps
Strontium	86-1	1250377	1247265	1253565	1250402	0.25	cps
Strontium	88-1	10931327	10796517	10890006	10872617	0.64	cps
Sulfur	34-1	990194	983215	989338	987582	0.39	cps
Terbium	159-1	15431590	15407786	15436328	15425235	0.10	cps
Terbium	159-2	7312704	7335045	7297970	7315240	0.26	cps
Thallium	203-1	4367041	4372721	4373496	4371086	0.08	cps
Thallium	205-1	10205310	10419107	10309346	10311254	1.04	cps
Tin	118-1	3294331	3289122	3257613	3280355	0.61	cps
Titanium	47-1	510944	507751	508245	508980	0.34	cps
Uranium	238-1	15413644	15562459	15347022	15441042	0.71	cps
Vanadium	51-2	965105	976922	969939	970655	0.61	cps
Yttrium	89-1	11442150	11389594	11434980	11422242	0.25	cps
Yttrium	89-2	1663396	1679313	1681392	1674700	0.59	cps
Zinc	66-2	413994	416763	415389	415382	0.33	cps
Zirconium	90-1	6662102	6612882	6712620	6662535	0.75	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:35:08	DataFile Name :	008CALS_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1486434	1464440	1501881	1484252	1.27	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:38:46	DataFile Name :	009CAL5_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1354125	1364002	1366466	1361531	0.48	cps
Antimony	121-1	8265799	8042937	8147653	8152130	1.37	cps
Arsenic	75-2	278162	277850	281869	279294	0.80	cps
Barium	135-1	9662310	9496409	9587713	9582144	0.87	cps
Barium	137-1	16832103	16423306	16548979	16601463	1.26	cps
Beryllium	9-1	1256595	1235037	1232234	1241289	1.07	cps
Bismuth	209-1	10396466	10287206	10405089	10362920	0.63	cps
Bismuth	209-2	5795269	5846207	5894307	5845261	0.85	cps
Boron	10-1	169676	166944	166690	167770	0.99	cps
Boron	11-1	847654	840011	841354	843006	0.48	cps
Cadmium	111-1	2056939	2022543	2026669	2035383	0.92	cps
Cadmium	106-1	230133	225221	225195	226850	1.25	cps
Cadmium	108-1	149818	146991	149668	148825	1.07	cps
Calcium	43-1	2053615	2030628	2028022	2037422	0.69	cps
Calcium	44-1	33371156	32907851	32719091	32999366	1.02	cps
Chromium	52-2	2349907	2375726	2383555	2369729	0.74	cps
Cobalt	59-2	3882045	3899232	3912983	3898087	0.40	cps
Copper	63-2	5600919	5632828	5655411	5629719	0.49	cps
Dysprosium	156-1	267	158	158	194	32.17	cps
Dysprosium	156-2	87	50	80	72	27.04	cps
Erbium	164-1	142	67	42	83	62.45	cps
Erbium	164-2	40	27	47	38	26.95	cps
Gadolinium	160-1	217	250	200	222	11.46	cps
Gadolinium	160-2	80	83	97	87	10.18	cps
Holmium	165-1	15166291	14942353	15095205	15067950	0.76	cps
Holmium	165-2	7433736	7457250	7520091	7470359	0.60	cps
Indium	115-1	11386298	11181343	11259872	11275838	0.92	cps
Indium	115-2	2154414	2151794	2165984	2157397	0.35	cps
Iron	56-2	98302224	99192072	99045186	98846494	0.48	cps
Iron	57-2	2432880	2438805	2443065	2438250	0.21	cps
Lead	206-1	7132053	6950834	6950098	7010995	1.50	cps
Lead	207-1	6463678	6331456	6402183	6399106	1.03	cps
Lead	208-1	28909079	28329442	28457836	28565452	1.07	cps
Lithium	6-1	1556696	1526616	1526283	1536532	1.14	cps
Magnesium	24-2	16568997	16586815	16689042	16614951	0.39	cps
Manganese	55-2	2632608	2653656	2667783	2651349	0.67	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:38:46	DataFile Name :	009CAL5_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7073020	7032117	6936283	7013807	1.00	cps
Molybdenum	95-1	3793737	3752277	3741955	3762656	0.73	cps
Molybdenum	96-1	4861562	4771775	4806746	4813361	0.94	cps
Molybdenum	97-1	2344792	2311785	2318694	2325090	0.75	cps
Molybdenum	98-1	6212719	6081947	6117823	6137496	1.10	cps
Neodymium	150-1	573	620	713	636	11.22	cps
Neodymium	150-2	63	87	80	77	15.67	cps
Nickel	60-2	1029180	1040856	1033161	1034399	0.57	cps
Phosphorus	31-2	77828	78583	77510	77973	0.71	cps
Potassium	39-2	8088548	8107095	8135848	8110497	0.29	cps
Rhodium	103-1	10284522	10046057	10146208	10158929	1.18	cps
Rhodium	103-2	4927893	4924510	4956089	4936164	0.35	cps
Scandium	45-1	6496971	6408161	6401778	6435637	0.83	cps
Scandium	45-2	310670	309939	311981	310863	0.33	cps
Selenium	77-2	5508	5568	5708	5594	1.84	cps
Selenium	78-2	19042	19237	19459	19246	1.08	cps
Selenium	82-1	122711	121118	120482	121437	0.95	cps
Silicon	28-1	4535356	4549192	4545261	4543270	0.16	cps
Silver	109-1	9577973	9405578	9423984	9469178	1.00	cps
Silver	107-1	9979602	9759660	9800352	9846538	1.19	cps
Sodium	23-2	31511727	31703321	31579326	31598124	0.31	cps
Strontium	86-1	2484026	2410082	2452369	2448826	1.51	cps
Strontium	88-1	21638606	21129116	21345234	21370985	1.20	cps
Sulfur	34-1	1309700	1305049	1308674	1307808	0.19	cps
Terbium	159-1	15496459	15113057	15112735	15240750	1.45	cps
Terbium	159-2	7291163	7282881	7299711	7291252	0.12	cps
Thallium	203-1	8777660	8445709	8621490	8614953	1.93	cps
Thallium	205-1	20643554	20149572	20178515	20323880	1.36	cps
Tin	118-1	6619306	6428722	6554418	6534149	1.48	cps
Titanium	47-1	1009039	998485	996919	1001481	0.66	cps
Uranium	238-1	30730987	30187911	30138409	30352436	1.08	cps
Vanadium	51-2	1919811	1926369	1933935	1926705	0.37	cps
Yttrium	89-1	11392897	11206192	11187336	11262142	1.01	cps
Yttrium	89-2	1663300	1668194	1670172	1667222	0.21	cps
Zinc	66-2	806264	810219	822505	812996	1.04	cps
Zirconium	90-1	13280056	13186720	13033471	13166749	0.95	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:38:46	DataFile Name :	009CALS_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2956308	2919310	2923357	2932991	0.69	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:42:20	DataFile Name :	010CALS_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2722971	2738330	2703684	2721662	0.64	cps
Antimony	121-1	16491788	16284396	16343385	16373189	0.65	cps
Arsenic	75-2	560181	563597	562898	562225	0.32	cps
Barium	135-1	19133379	19110534	18960021	19067978	0.49	cps
Barium	137-1	33136771	32940638	32953909	33010439	0.33	cps
Beryllium	9-1	2442875	2438577	2447054	2442835	0.17	cps
Bismuth	209-1	10139998	10226435	10170596	10179010	0.43	cps
Bismuth	209-2	5713801	5770739	5820730	5768423	0.93	cps
Boron	10-1	330987	328993	335997	331992	1.09	cps
Boron	11-1	1647378	1658106	1670790	1658758	0.71	cps
Cadmium	111-1	4011101	3980000	4003094	3998065	0.40	cps
Cadmium	106-1	446262	441627	447682	445190	0.71	cps
Cadmium	108-1	295978	291565	294826	294123	0.78	cps
Calcium	43-1	4061435	4051083	4065570	4059363	0.18	cps
Calcium	44-1	64981633	65393789	65430218	65268547	0.38	cps
Chromium	52-2	4746314	4734404	4754567	4745095	0.21	cps
Cobalt	59-2	7684520	7733397	7693301	7703739	0.34	cps
Copper	63-2	11045499	11063208	11063941	11057549	0.09	cps
Dysprosium	156-1	333	383	350	356	7.16	cps
Dysprosium	156-2	100	120	93	104	13.28	cps
Erbium	164-1	67	83	117	89	28.64	cps
Erbium	164-2	40	57	50	49	17.16	cps
Gadolinium	160-1	250	250	342	281	18.86	cps
Gadolinium	160-2	140	180	127	149	18.64	cps
Holmium	165-1	15106293	14937769	15094054	15046039	0.62	cps
Holmium	165-2	7405089	7435740	7453450	7431427	0.33	cps
Indium	115-1	10891606	10958355	11009426	10953129	0.54	cps
Indium	115-2	2108103	2127960	2113995	2116686	0.48	cps
Iron	56-2	196420143	197151066	197407877	196993028	0.26	cps
Iron	57-2	4875119	4894803	4888751	4886225	0.21	cps
Lead	206-1	13915472	13824323	13867041	13868945	0.33	cps
Lead	207-1	12808392	12877836	12863009	12849746	0.28	cps
Lead	208-1	56705549	56706240	56561763	56657850	0.15	cps
Lithium	6-1	1510137	1505582	1503548	1506422	0.22	cps
Magnesium	24-2	33122480	33063197	33007180	33064285	0.17	cps
Manganese	55-2	5302271	5299300	5297786	5299786	0.04	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:42:20	DataFile Name :	010CAL5_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14057081	13894685	13977013	13976260	0.58	cps
Molybdenum	95-1	7453237	7495286	7541444	7496656	0.59	cps
Molybdenum	96-1	9790947	9827974	9783850	9800924	0.24	cps
Molybdenum	97-1	4651751	4606059	4637234	4631681	0.50	cps
Molybdenum	98-1	12152066	12190010	12255889	12199322	0.43	cps
Neodymium	150-1	1240	1200	1213	1218	1.67	cps
Neodymium	150-2	100	100	100	100	0.00	cps
Nickel	60-2	2027129	2024073	2044171	2031791	0.53	cps
Phosphorus	31-2	154737	157911	154954	155867	1.14	cps
Potassium	39-2	16190119	16152635	16157793	16166849	0.13	cps
Rhodium	103-1	10025718	9921174	10004043	9983645	0.55	cps
Rhodium	103-2	4835802	4866538	4871956	4858099	0.40	cps
Scandium	45-1	6349712	6388870	6361658	6366747	0.32	cps
Scandium	45-2	314000	314823	312517	313780	0.37	cps
Selenium	77-2	11385	11251	11315	11317	0.59	cps
Selenium	78-2	37550	38284	38312	38049	1.13	cps
Selenium	82-1	237944	237601	238834	238126	0.27	cps
Silicon	28-1	8716708	8770807	8827423	8771646	0.63	cps
Silver	109-1	18706640	18548368	18577953	18610987	0.45	cps
Silver	107-1	19395588	19337033	19355926	19362849	0.15	cps
Sodium	23-2	63552510	63165810	63141891	63286737	0.36	cps
Strontium	86-1	4725295	4721431	4746089	4730938	0.28	cps
Strontium	88-1	40875831	41016509	40919704	40937348	0.18	cps
Sulfur	34-1	2004198	2000763	2025212	2010058	0.66	cps
Terbium	159-1	15295098	15304330	15216002	15271810	0.32	cps
Terbium	159-2	7326121	7319614	7345013	7330249	0.18	cps
Thallium	203-1	17070197	16798083	17144459	17004247	1.07	cps
Thallium	205-1	40460151	39920102	40606127	40328793	0.90	cps
Tin	118-1	13048751	12864958	13060408	12991372	0.84	cps
Titanium	47-1	1979642	1987408	1999116	1988722	0.49	cps
Uranium	238-1	61042693	61480514	61296443	61273217	0.36	cps
Vanadium	51-2	3886629	3904794	3893431	3894951	0.24	cps
Yttrium	89-1	11118187	11062843	11200616	11127215	0.62	cps
Yttrium	89-2	1665278	1685526	1681669	1677491	0.64	cps
Zinc	66-2	1591560	1599998	1604754	1598770	0.42	cps
Zirconium	90-1	26346360	26022791	26195882	26188344	0.62	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:42:20	DataFile Name :	010CALS_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5874923	5873265	5885464	5877884	0.11	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:45:51	DataFile Name :	011CAL5_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14789386	14958346	14871140	14872957	0.57	cps
Antimony	121-1	63804	67044	71810	67553	5.96	cps
Arsenic	75-2	626	663	611	633	4.22	cps
Barium	135-1	7536	7302	7878	7572	3.82	cps
Barium	137-1	13849	13882	13407	13713	1.93	cps
Beryllium	9-1	561	722	889	724	22.64	cps
Bismuth	209-1	8910612	8866179	9081666	8952819	1.27	cps
Bismuth	209-2	5104746	5126841	5126007	5119198	0.24	cps
Boron	10-1	8995	8386	8186	8522	4.94	cps
Boron	11-1	46940	41366	39971	42759	8.62	cps
Cadmium	111-1	3700	3602	3794	3699	2.60	cps
Cadmium	106-1	4259	4117	4393	4256	3.23	cps
Cadmium	108-1	75	121	79	92	27.65	cps
Calcium	43-1	20328646	20593388	20982208	20634747	1.59	cps
Calcium	44-1	331036741	330050374	338951391	333346169	1.46	cps
Chromium	52-2	112599	115350	113885	113945	1.21	cps
Cobalt	59-2	11561	11321	11351	11411	1.15	cps
Copper	63-2	22154	22140	21900	22065	0.65	cps
Dysprosium	156-1	383	408	225	339	29.34	cps
Dysprosium	156-2	77	107	117	100	20.82	cps
Erbium	164-1	67	100	133	100	33.33	cps
Erbium	164-2	70	50	67	62	17.22	cps
Gadolinium	160-1	308	283	350	314	10.73	cps
Gadolinium	160-2	163	153	170	162	5.17	cps
Holmium	165-1	13997134	13995124	14394485	14128915	1.63	cps
Holmium	165-2	7187393	7167125	7163638	7172719	0.18	cps
Indium	115-1	10430941	10539486	10754382	10574936	1.56	cps
Indium	115-2	2078284	2110408	2103955	2097549	0.81	cps
Iron	56-2	1000755956	1008956556	1015115156	1008275889	0.71	cps
Iron	57-2	24906794	25020129	25133077	25020000	0.45	cps
Lead	206-1	27134	27139	27618	27297	1.02	cps
Lead	207-1	23850	23944	23744	23846	0.42	cps
Lead	208-1	108987	108480	111080	109516	1.26	cps
Lithium	6-1	1386198	1397537	1414250	1399328	1.01	cps
Magnesium	24-2	172765191	175255041	174787771	174269334	0.76	cps
Manganese	55-2	20464	21085	20982	20844	1.60	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:45:51	DataFile Name :	011CAL5_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	23420	24764	25958	24714	5.14	cps
Molybdenum	95-1	36155	37517	41445	38372	7.16	cps
Molybdenum	96-1	42824	46510	48868	46067	6.61	cps
Molybdenum	97-1	23253	23913	25357	24174	4.45	cps
Molybdenum	98-1	58203	59517	65066	60929	5.98	cps
Neodymium	150-1	200	233	207	213	8.27	cps
Neodymium	150-2	77	80	90	82	8.44	cps
Nickel	60-2	29871	29764	30342	29992	1.03	cps
Phosphorus	31-2	442	500	467	469	6.23	cps
Potassium	39-2	85162935	85977410	86842552	85994299	0.98	cps
Rhodium	103-1	9053253	9021571	9261684	9112169	1.43	cps
Rhodium	103-2	4430363	4492336	4447314	4456671	0.72	cps
Scandium	45-1	6263993	6286948	6421512	6324151	1.35	cps
Scandium	45-2	320853	322121	320655	321209	0.25	cps
Selenium	77-2	10	20	17	16	32.73	cps
Selenium	78-2	167	161	157	162	2.88	cps
Selenium	82-1	342	354	212	302	25.91	cps
Silicon	28-1	545753	539907	551660	545773	1.08	cps
Silver	109-1	2817	2959	2759	2845	3.62	cps
Silver	107-1	3067	3017	3401	3162	6.59	cps
Sodium	23-2	327699891	331540674	333269991	330836852	0.86	cps
Strontium	86-1	151642	153396	154151	153063	0.84	cps
Strontium	88-1	1315278	1305415	1340690	1320461	1.38	cps
Sulfur	34-1	611489	622082	635371	622981	1.92	cps
Terbium	159-1	14151987	14312182	14450710	14304960	1.05	cps
Terbium	159-2	7029674	7047837	7103516	7060342	0.54	cps
Thallium	203-1	6652	6735	6310	6566	3.43	cps
Thallium	205-1	16369	14917	15368	15551	4.78	cps
Tin	118-1	13557	14900	16285	14914	9.15	cps
Titanium	47-1	1650	2325	2242	2072	17.76	cps
Uranium	238-1	13307	12006	13157	12824	5.55	cps
Vanadium	51-2	1837	1793	1760	1797	2.14	cps
Yttrium	89-1	10671568	10633972	10894120	10733220	1.31	cps
Yttrium	89-2	1645125	1673397	1663085	1660536	0.86	cps
Zinc	66-2	8072	8052	8156	8093	0.68	cps
Zirconium	90-1	6577	6510	7494	6860	8.02	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:45:51	DataFile Name :	011CALS_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1542	1317	1575	1478	9.51	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:52:32	DataFile Name :	012ICV_P7052317-MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73221	74838	73313	73791	1.23	cps
Antimony	121-1	3430017	3394194	3321452	3381887	1.64	cps
Arsenic	75-2	113009	115612	113749	114123	1.18	cps
Barium	135-1	393134	393001	383196	389777	1.46	cps
Barium	137-1	679614	674645	665459	673240	1.07	cps
Beryllium	9-1	255233	258855	251533	255207	1.43	cps
Bismuth	209-1	10594311	10644323	10479624	10572753	0.80	cps
Bismuth	209-2	5851502	6076173	5972094	5966590	1.88	cps
Boron	10-1	193995	192864	191158	192672	0.74	cps
Boron	11-1	979227	977506	963768	973500	0.87	cps
Cadmium	111-1	436802	434816	427572	433063	1.12	cps
Cadmium	106-1	86975	87126	86019	86707	0.69	cps
Cadmium	108-1	45423	44290	44934	44882	1.27	cps
Calcium	43-1	97731	97621	96229	97194	0.86	cps
Calcium	44-1	1522819	1529530	1507714	1520021	0.74	cps
Chromium	52-2	471076	485156	478369	478200	1.47	cps
Cobalt	59-2	801144	824757	814760	813554	1.46	cps
Copper	63-2	585918	602134	594039	594030	1.36	cps
Dysprosium	156-1	33	67	83	61	41.67	cps
Dysprosium	156-2	27	13	20	20	33.35	cps
Erbium	164-1	175	92	167	144	31.78	cps
Erbium	164-2	87	70	70	76	12.74	cps
Gadolinium	160-1	208	125	183	172	24.83	cps
Gadolinium	160-2	83	73	83	80	7.22	cps
Holmium	165-1	15053656	15022336	15105694	15060562	0.28	cps
Holmium	165-2	7298586	7565487	7476583	7446885	1.83	cps
Indium	115-1	11710141	11707702	11618968	11678937	0.44	cps
Indium	115-2	2189818	2255410	2241124	2228784	1.55	cps
Iron	56-2	4040953	4162139	4123920	4109004	1.51	cps
Iron	57-2	100738	102706	101885	101777	0.97	cps
Lead	206-1	2789906	2805015	2741936	2778953	1.19	cps
Lead	207-1	2475942	2471238	2441504	2462895	0.76	cps
Lead	208-1	11327475	11369006	11190576	11295686	0.83	cps
Lithium	6-1	1583434	1604330	1559483	1582416	1.42	cps
Magnesium	24-2	422937	427502	430360	426933	0.88	cps
Manganese	55-2	269285	274637	272876	272266	1.00	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:52:32	DataFile Name :	012ICV_P7052317-MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7149029	7168018	7023167	7113405	1.11	cps
Molybdenum	95-1	3900199	3879487	3818241	3865976	1.10	cps
Molybdenum	96-1	4969599	4971934	4867362	4936298	1.21	cps
Molybdenum	97-1	2418640	2407057	2339534	2388411	1.79	cps
Molybdenum	98-1	6391615	6330327	6220595	6314179	1.37	cps
Neodymium	150-1	20	27	60	36	60.27	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	218671	219358	219818	219282	0.26	cps
Phosphorus	31-2	425	458	367	417	11.14	cps
Potassium	39-2	724293	747509	730707	734169	1.63	cps
Rhodium	103-1	11049151	10847483	10687797	10861477	1.67	cps
Rhodium	103-2	5039337	5237489	5187631	5154819	2.00	cps
Scandium	45-1	6923749	6943090	6867409	6911416	0.57	cps
Scandium	45-2	323789	334486	330348	329541	1.64	cps
Selenium	77-2	2130	2470	2390	2330	7.63	cps
Selenium	78-2	7936	8102	8050	8029	1.06	cps
Selenium	82-1	49951	49318	49314	49528	0.74	cps
Silicon	28-1	4331159	4322175	4278599	4310644	0.65	cps
Silver	109-1	1945508	1927311	1902549	1925122	1.12	cps
Silver	107-1	2032371	2018088	2004147	2018202	0.70	cps
Sodium	23-2	1367483	1416438	1397808	1393910	1.77	cps
Strontium	86-1	2490712	2485332	2454030	2476691	0.80	cps
Strontium	88-1	21821019	21715536	21553029	21696528	0.62	cps
Sulfur	34-1	673432	664386	657674	665164	1.19	cps
Terbium	159-1	15541686	15502021	15252686	15432131	1.02	cps
Terbium	159-2	7261986	7459182	7446104	7389091	1.49	cps
Thallium	203-1	3487684	3465580	3439454	3464239	0.70	cps
Thallium	205-1	8248043	8323359	8136156	8235853	1.14	cps
Tin	118-1	6829506	6783518	6838343	6817123	0.43	cps
Titanium	47-1	1057196	1058395	1048135	1054575	0.53	cps
Uranium	238-1	30319064	30321308	29894570	30178314	0.81	cps
Vanadium	51-2	383903	399389	387732	390341	2.07	cps
Yttrium	89-1	11692146	11719181	11591308	11667545	0.58	cps
Yttrium	89-2	1693437	1743297	1733926	1723553	1.54	cps
Zinc	66-2	167336	172914	170667	170306	1.65	cps
Zirconium	90-1	13268871	13274652	13042725	13195416	1.00	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:52:32	DataFile Name :	012ICV_P7052317-MS.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2947364	2954070	2905217	2935550	0.90	cps

LB Number : LB87664 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-05-23 11:59:58 DataFile Name : 013CCBE_P7052317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	150	175	150	16.67	cps
Antimony	121-1	10429	12072	14592	12364	16.96	cps
Arsenic	75-2	93	78	102	91	13.38	cps
Barium	135-1	133	158	133	142	10.19	cps
Barium	137-1	125	142	167	144	14.52	cps
Beryllium	9-1	206	228	217	217	5.13	cps
Bismuth	209-1	10752616	10608887	10812489	10724664	0.98	cps
Bismuth	209-2	5976833	6039139	6062353	6026109	0.73	cps
Boron	10-1	2284	2425	2192	2300	5.11	cps
Boron	11-1	12105	11522	10988	11538	4.84	cps
Cadmium	111-1	2923	3028	3149	3033	3.73	cps
Cadmium	106-1	4126	4309	4468	4301	3.98	cps
Cadmium	108-1	46	25	17	29	51.50	cps
Calcium	43-1	333	400	458	397	15.75	cps
Calcium	44-1	16176	16643	16844	16554	2.07	cps
Chromium	52-2	1667	1647	1610	1641	1.75	cps
Cobalt	59-2	103	127	97	109	14.47	cps
Copper	63-2	3564	3611	3277	3484	5.18	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	50	33	50	44	21.66	cps
Erbium	164-2	3	20	10	11	75.52	cps
Gadolinium	160-1	158	133	117	136	15.41	cps
Gadolinium	160-2	60	80	100	80	25.00	cps
Holmium	165-1	15083756	15144749	15067690	15098732	0.27	cps
Holmium	165-2	7607728	7586810	7608757	7601098	0.16	cps
Indium	115-1	11780697	11747459	11960833	11829663	0.97	cps
Indium	115-2	2276909	2288786	2297680	2287791	0.46	cps
Iron	56-2	9348	9348	9409	9368	0.38	cps
Iron	57-2	272	217	217	235	13.64	cps
Lead	206-1	2928	3039	2767	2912	4.70	cps
Lead	207-1	2767	2678	2750	2732	1.73	cps
Lead	208-1	12670	12219	12003	12297	2.77	cps
Lithium	6-1	1594082	1578476	1582571	1585043	0.51	cps
Magnesium	24-2	617	683	650	650	5.13	cps
Manganese	55-2	80	63	87	77	15.68	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:59:58	DataFile Name :	013CCBE_P7052317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1525	1892	2134	1850	16.56	cps
Molybdenum	95-1	1283	1992	2309	1861	28.20	cps
Molybdenum	96-1	1867	2317	3000	2395	23.83	cps
Molybdenum	97-1	933	1100	1534	1189	26.05	cps
Molybdenum	98-1	2342	2934	3901	3059	25.72	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	380	473	433	429	10.92	cps
Phosphorus	31-2	475	492	458	475	3.51	cps
Potassium	39-2	49509	50336	51550	50465	2.03	cps
Rhodium	103-1	10927920	10870691	10923130	10907247	0.29	cps
Rhodium	103-2	5234292	5225771	5260926	5240330	0.35	cps
Scandium	45-1	6833755	6840017	6819633	6831135	0.15	cps
Scandium	45-2	328868	330549	331482	330300	0.40	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	98	93	96	96	2.96	cps
Selenium	82-1	-48	-28	-85	-54	-53.54	cps
Silicon	28-1	438033	435613	440357	438001	0.54	cps
Silver	109-1	417	233	317	322	28.49	cps
Silver	107-1	367	433	308	369	16.93	cps
Sodium	23-2	42712	42027	42453	42397	0.82	cps
Strontium	86-1	2217	2250	2259	2242	0.98	cps
Strontium	88-1	958	1200	925	1028	14.60	cps
Sulfur	34-1	676681	677034	685318	679678	0.72	cps
Terbium	159-1	15417730	15397119	15499352	15438067	0.35	cps
Terbium	159-2	7424634	7428966	7422476	7425359	0.04	cps
Thallium	203-1	542	608	458	536	14.02	cps
Thallium	205-1	1192	1150	1158	1167	1.89	cps
Tin	118-1	2284	2425	2800	2503	10.67	cps
Titanium	47-1	183	183	158	175	8.25	cps
Uranium	238-1	342	267	383	331	17.89	cps
Vanadium	51-2	23	20	27	23	14.29	cps
Yttrium	89-1	11619655	11685851	11639609	11648372	0.29	cps
Yttrium	89-2	1742591	1739617	1751081	1744430	0.34	cps
Zinc	66-2	137	160	167	154	10.20	cps
Zirconium	90-1	1867	2300	2517	2228	14.86	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 11:59:58	DataFile Name :	013CCBE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	400	533	458	14.88	cps

LB Number : LB87664 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P7
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2017-05-23 12:03:30 DataFile Name : 014ICSA_P7052317-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13512177	13469748	13348173	13443366	0.63	cps
Antimony	121-1	23170	23871	24072	23704	2.00	cps
Arsenic	75-2	193	220	198	204	7.21	cps
Barium	135-1	5701	5618	5043	5454	6.57	cps
Barium	137-1	9404	10054	9879	9779	3.44	cps
Beryllium	9-1	856	900	811	856	5.20	cps
Bismuth	209-1	10101032	10107477	10170389	10126300	0.38	cps
Bismuth	209-2	5565195	5566222	5569337	5566918	0.04	cps
Boron	10-1	2325	2409	2184	2306	4.93	cps
Boron	11-1	10204	10162	9237	9868	5.54	cps
Cadmium	111-1	5031	4951	4732	4904	3.15	cps
Cadmium	106-1	4318	4167	3801	4095	6.49	cps
Cadmium	108-1	4388	4222	4238	4283	2.14	cps
Calcium	43-1	4113150	4145977	4147793	4135640	0.47	cps
Calcium	44-1	67451997	67440529	67072662	67321729	0.32	cps
Chromium	52-2	92669	92136	93940	92915	1.00	cps
Cobalt	59-2	9106	9216	9113	9145	0.67	cps
Copper	63-2	47771	47537	48330	47879	0.85	cps
Dysprosium	156-1	100	83	75	86	14.79	cps
Dysprosium	156-2	27	30	43	33	26.45	cps
Erbium	164-1	83	75	142	100	36.32	cps
Erbium	164-2	27	57	30	38	43.52	cps
Gadolinium	160-1	167	208	192	189	11.10	cps
Gadolinium	160-2	137	73	97	102	31.33	cps
Holmium	165-1	15156152	15272039	15418344	15282178	0.86	cps
Holmium	165-2	7447843	7567771	7486608	7500741	0.82	cps
Indium	115-1	11347120	11442970	11423609	11404566	0.44	cps
Indium	115-2	2155062	2174182	2153188	2160811	0.54	cps
Iron	56-2	390115664	394452475	387659664	390742601	0.88	cps
Iron	57-2	9662916	9708890	9675177	9682328	0.25	cps
Lead	206-1	61581	61459	62139	61726	0.59	cps
Lead	207-1	50730	49955	50251	50312	0.78	cps
Lead	208-1	235386	235454	236558	235800	0.28	cps
Lithium	6-1	1523462	1525201	1516761	1521808	0.29	cps
Magnesium	24-2	33417275	33722674	33225973	33455307	0.75	cps
Manganese	55-2	21049	20521	21102	20891	1.54	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:03:30	DataFile Name :	014ICSA_P7052317-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8343262	8296856	8291913	8310677	0.34	cps
Molybdenum	95-1	14610720	14565340	14685651	14620570	0.42	cps
Molybdenum	96-1	15832019	15914394	15954039	15900151	0.39	cps
Molybdenum	97-1	9215800	9113149	9228733	9185894	0.69	cps
Molybdenum	98-1	23933008	23846124	24048815	23942649	0.42	cps
Neodymium	150-1	47	27	60	44	37.74	cps
Neodymium	150-2	27	40	33	33	20.00	cps
Nickel	60-2	11041	11381	10781	11068	2.72	cps
Phosphorus	31-2	769521	773942	759576	767679	0.96	cps
Potassium	39-2	32550906	32928759	32623441	32701035	0.61	cps
Rhodium	103-1	10265435	10207476	10193429	10222114	0.37	cps
Rhodium	103-2	4832400	4844386	4854373	4843720	0.23	cps
Scandium	45-1	6653842	6718101	6698975	6690306	0.49	cps
Scandium	45-2	319216	317741	318742	318566	0.24	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	115	85	113	104	15.91	cps
Selenium	82-1	166	-38	121	83	129.68	cps
Silicon	28-1	647079	646474	649000	647518	0.20	cps
Silver	109-1	2134	2509	2234	2292	8.47	cps
Silver	107-1	2234	2567	2492	2431	7.19	cps
Sodium	23-2	64357364	64110387	63850966	64106239	0.40	cps
Strontium	86-1	158819	163806	159106	160577	1.74	cps
Strontium	88-1	1381874	1399628	1380393	1387298	0.77	cps
Sulfur	34-1	5567067	5567690	5582182	5572313	0.15	cps
Terbium	159-1	15327455	15601028	15369411	15432631	0.95	cps
Terbium	159-2	7332427	7360343	7317658	7336809	0.30	cps
Thallium	203-1	833	783	792	803	3.34	cps
Thallium	205-1	1684	1734	1809	1742	3.61	cps
Tin	118-1	3451	4059	4001	3837	8.75	cps
Titanium	47-1	4011512	4024279	4019654	4018482	0.16	cps
Uranium	238-1	1017	1208	1217	1147	9.86	cps
Vanadium	51-2	583	597	587	589	1.18	cps
Yttrium	89-1	11474947	11450252	11494114	11473104	0.19	cps
Yttrium	89-2	1680361	1695477	1692050	1689296	0.47	cps
Zinc	66-2	9103	9143	9340	9195	1.38	cps
Zirconium	90-1	6418	6352	7360	6710	8.41	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:03:30	DataFile Name :	014ICSA_P7052317-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1358	1492	1492	1447	5.32	cps

LB Number : LB87664 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P7
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2017-05-23 12:06:57 DataFile Name : 015ICSB_P7052317-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13244102	13285535	13261142	13263593	0.16	cps
Antimony	121-1	311786	315052	301448	309429	2.30	cps
Arsenic	75-2	10963	11036	11206	11068	1.13	cps
Barium	135-1	81883	81875	78957	80905	2.08	cps
Barium	137-1	138165	141565	138838	139523	1.29	cps
Beryllium	9-1	49503	49576	48450	49176	1.28	cps
Bismuth	209-1	9956227	9841810	9771207	9856415	0.95	cps
Bismuth	209-2	5482237	5503108	5528487	5504611	0.42	cps
Boron	10-1	20615	19989	19563	20056	2.64	cps
Boron	11-1	101129	101438	100516	101028	0.46	cps
Cadmium	111-1	82894	82305	81482	82227	0.86	cps
Cadmium	106-1	15309	15008	14541	14953	2.59	cps
Cadmium	108-1	10654	10938	10592	10728	1.72	cps
Calcium	43-1	4114190	4067265	4039789	4073748	0.92	cps
Calcium	44-1	66845824	65937260	65338618	66040567	1.15	cps
Chromium	52-2	181964	184943	184164	183690	0.84	cps
Cobalt	59-2	160294	162084	160675	161018	0.59	cps
Copper	63-2	155436	159357	156796	157196	1.27	cps
Dysprosium	156-1	133	83	58	92	41.66	cps
Dysprosium	156-2	30	30	37	32	11.95	cps
Erbium	164-1	75	158	92	108	40.71	cps
Erbium	164-2	50	67	37	51	29.41	cps
Gadolinium	160-1	208	133	192	178	22.15	cps
Gadolinium	160-2	97	87	67	83	18.33	cps
Holmium	165-1	15047378	14910423	14735677	14897826	1.05	cps
Holmium	165-2	7344370	7335124	7428803	7369432	0.70	cps
Indium	115-1	11227676	11201947	11065017	11164880	0.78	cps
Indium	115-2	2123535	2141464	2137018	2134006	0.44	cps
Iron	56-2	387570986	388363575	383031320	386321960	0.74	cps
Iron	57-2	9545736	9547545	9595386	9562889	0.29	cps
Lead	206-1	322624	324343	318305	321757	0.97	cps
Lead	207-1	275263	274361	267229	272284	1.62	cps
Lead	208-1	1267446	1267363	1243383	1259397	1.10	cps
Lithium	6-1	1489252	1479190	1465182	1477874	0.82	cps
Magnesium	24-2	33106943	33176086	32894456	33059162	0.44	cps
Manganese	55-2	73415	73472	72796	73228	0.51	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:06:57	DataFile Name :	015ICSB_P7052317-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9026661	8910623	8835362	8924215	1.08	cps
Molybdenum	95-1	15013774	14849176	14636367	14833106	1.28	cps
Molybdenum	96-1	16347968	16200751	15960899	16169873	1.21	cps
Molybdenum	97-1	9389965	9226480	9136624	9251023	1.39	cps
Molybdenum	98-1	24603637	24045039	23779711	24142796	1.74	cps
Neodymium	150-1	67	160	80	102	49.38	cps
Neodymium	150-2	23	40	37	33	26.47	cps
Nickel	60-2	50413	51266	51433	51038	1.07	cps
Phosphorus	31-2	761483	754737	758311	758177	0.45	cps
Potassium	39-2	32330649	32301330	32411208	32347729	0.18	cps
Rhodium	103-1	10125128	10029120	9968020	10040756	0.79	cps
Rhodium	103-2	4785366	4784170	4805230	4791589	0.25	cps
Scandium	45-1	6654059	6629154	6526376	6603196	1.03	cps
Scandium	45-2	316772	315868	318915	317185	0.49	cps
Selenium	77-2	147	220	237	201	23.81	cps
Selenium	78-2	844	833	917	865	5.23	cps
Selenium	82-1	4641	4615	4569	4608	0.80	cps
Silicon	28-1	1132230	1125664	1117415	1125103	0.66	cps
Silver	109-1	347129	342009	341753	343630	0.88	cps
Silver	107-1	358922	356299	352253	355825	0.94	cps
Sodium	23-2	63450170	63152828	63473458	63358819	0.28	cps
Strontium	86-1	405265	405011	400927	403734	0.60	cps
Strontium	88-1	3563771	3541422	3489515	3531569	1.08	cps
Sulfur	34-1	5512060	5430385	5356334	5432926	1.43	cps
Terbium	159-1	15248047	15257613	15031992	15179217	0.84	cps
Terbium	159-2	7308270	7258429	7156899	7241199	1.07	cps
Thallium	203-1	324999	322440	317569	321669	1.17	cps
Thallium	205-1	777779	773520	768389	773229	0.61	cps
Tin	118-1	662884	664691	649135	658904	1.29	cps
Titanium	47-1	4075097	4058035	3993401	4042177	1.07	cps
Uranium	238-1	3131424	3116456	3053199	3100360	1.34	cps
Vanadium	51-2	74607	76175	75096	75293	1.07	cps
Yttrium	89-1	11507821	11450378	11240698	11399632	1.23	cps
Yttrium	89-2	1680777	1675507	1674895	1677059	0.19	cps
Zinc	66-2	24831	24537	24771	24713	0.63	cps
Zirconium	90-1	1346301	1336248	1315813	1332788	1.17	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:06:57	DataFile Name :	015ICSB_P7052317-MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300173	300565	293961	298233	1.24	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:15:15	DataFile Name :	017CCV_P7052317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8052006	8094052	8023105	8056388	0.44	cps
Antimony	121-1	8155939	8079492	8106390	8113940	0.48	cps
Arsenic	75-2	289771	288513	288707	288997	0.23	cps
Barium	135-1	9637434	9563312	9505605	9568784	0.69	cps
Barium	137-1	16690967	16514601	16466208	16557259	0.71	cps
Beryllium	9-1	1278932	1283264	1290955	1284384	0.47	cps
Bismuth	209-1	9464975	9358035	9432279	9418430	0.58	cps
Bismuth	209-2	5387695	5375596	5423714	5395669	0.46	cps
Boron	10-1	175810	176432	178659	176967	0.85	cps
Boron	11-1	889266	893243	902098	894869	0.73	cps
Cadmium	111-1	1954815	1945418	1952041	1950758	0.25	cps
Cadmium	106-1	222657	223029	221768	222485	0.29	cps
Cadmium	108-1	144844	146738	144468	145350	0.84	cps
Calcium	43-1	10964711	10893340	10949316	10935789	0.34	cps
Calcium	44-1	176065266	175987016	176642091	176231458	0.20	cps
Chromium	52-2	2553009	2532463	2562932	2549468	0.61	cps
Cobalt	59-2	3984717	3954023	4002538	3980426	0.62	cps
Copper	63-2	5570546	5519942	5583865	5558118	0.61	cps
Dysprosium	156-1	250	217	425	297	37.65	cps
Dysprosium	156-2	103	93	117	104	11.21	cps
Erbium	164-1	125	167	125	139	17.32	cps
Erbium	164-2	47	47	77	57	30.56	cps
Gadolinium	160-1	258	342	300	300	13.89	cps
Gadolinium	160-2	147	127	97	123	20.40	cps
Holmium	165-1	14746133	14613603	14957268	14772334	1.17	cps
Holmium	165-2	7437759	7366970	7413029	7405920	0.49	cps
Indium	115-1	10982635	11116951	11046008	11048531	0.61	cps
Indium	115-2	2145322	2137308	2160234	2147622	0.54	cps
Iron	56-2	525220767	521623889	522356867	523067175	0.36	cps
Iron	57-2	13086915	12844413	13010348	12980559	0.96	cps
Lead	206-1	6425522	6389538	6465249	6426770	0.59	cps
Lead	207-1	5963768	5915603	5943675	5941016	0.41	cps
Lead	208-1	26678704	26391481	26508633	26526273	0.54	cps
Lithium	6-1	1448920	1451982	1448719	1449873	0.13	cps
Magnesium	24-2	93056115	93259981	94124573	93480223	0.61	cps
Manganese	55-2	2798137	2785105	2799661	2794301	0.29	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:15:15	DataFile Name :	017CCV_P7052317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7262459	7207838	7189641	7219979	0.52	cps
Molybdenum	95-1	3848721	3834888	3822476	3835362	0.34	cps
Molybdenum	96-1	4939687	4906969	4893246	4913301	0.49	cps
Molybdenum	97-1	2381772	2378780	2365576	2375376	0.36	cps
Molybdenum	98-1	6280279	6306172	6397649	6328033	0.97	cps
Neodymium	150-1	727	767	747	747	2.68	cps
Neodymium	150-2	90	130	110	110	18.18	cps
Nickel	60-2	1050226	1047501	1054819	1050849	0.35	cps
Phosphorus	31-2	86124	86141	84413	85559	1.16	cps
Potassium	39-2	45621109	44817141	45299215	45245821	0.89	cps
Rhodium	103-1	9864801	9856672	9953493	9891655	0.54	cps
Rhodium	103-2	4736910	4734961	4766383	4746085	0.37	cps
Scandium	45-1	6875592	6830646	6931875	6879371	0.74	cps
Scandium	45-2	337112	333375	336846	335778	0.62	cps
Selenium	77-2	5928	5931	5998	5952	0.66	cps
Selenium	78-2	20012	19432	19272	19572	1.99	cps
Selenium	82-1	118615	118251	119803	118889	0.68	cps
Silicon	28-1	4802134	4851482	4887013	4846877	0.88	cps
Silver	109-1	9259056	9178833	9155100	9197663	0.59	cps
Silver	107-1	9589501	9521297	9622879	9577892	0.54	cps
Sodium	23-2	174244621	171320121	173427641	172997461	0.87	cps
Strontium	86-1	2471532	2481041	2485087	2479220	0.28	cps
Strontium	88-1	21533683	21780699	21762374	21692252	0.63	cps
Sulfur	34-1	1410029	1415896	1413185	1413037	0.21	cps
Terbium	159-1	15174045	14859306	14875668	14969673	1.18	cps
Terbium	159-2	7242087	7237171	7258486	7245914	0.15	cps
Thallium	203-1	8066931	8008740	8162053	8079241	0.96	cps
Thallium	205-1	19206641	18813410	19129718	19049923	1.09	cps
Tin	118-1	6481363	6451889	6561361	6498204	0.87	cps
Titanium	47-1	1063483	1049028	1066993	1059835	0.90	cps
Uranium	238-1	29438141	29063054	29136529	29212575	0.68	cps
Vanadium	51-2	2094578	2077615	2090972	2087722	0.43	cps
Yttrium	89-1	11309128	11454099	11227914	11330380	1.01	cps
Yttrium	89-2	1724116	1713207	1728459	1721927	0.46	cps
Zinc	66-2	805303	801998	802007	803103	0.24	cps
Zirconium	90-1	13480739	13567602	13571803	13540048	0.38	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV027	Instrumnet Name :	P7
Client Sample ID :	CCV027	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:15:15	DataFile Name :	017CCV_P7052317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2997270	2999870	3014850	3003997	0.32	cps

LB Number : LB87664 Operator : Jaswal
 Lab Sample ID : CCB027 Instrumnet Name : P7
 Client Sample ID : CCB027 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-23 12:21:51 DataFile Name : 018CCBE_P7052317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	233	200	175	42.33	cps
Antimony	121-1	15960	19431	21242	18877	14.22	cps
Arsenic	75-2	148	139	152	146	4.56	cps
Barium	135-1	183	158	183	175	8.25	cps
Barium	137-1	167	242	383	264	41.71	cps
Beryllium	9-1	272	211	289	257	15.91	cps
Bismuth	209-1	10486374	10576734	10547753	10536953	0.44	cps
Bismuth	209-2	5924580	5986263	6016422	5975755	0.78	cps
Boron	10-1	3501	3184	3142	3275	5.98	cps
Boron	11-1	15475	15700	15375	15517	1.07	cps
Cadmium	111-1	2974	3284	3091	3116	5.03	cps
Cadmium	106-1	4159	4626	4376	4387	5.33	cps
Cadmium	108-1	29	29	50	36	33.30	cps
Calcium	43-1	483	517	842	614	32.27	cps
Calcium	44-1	18154	18504	26316	20991	21.98	cps
Chromium	52-2	1647	1657	1633	1646	0.71	cps
Cobalt	59-2	183	100	147	143	29.14	cps
Copper	63-2	3324	3374	3310	3336	1.00	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	42	67	25	44	47.19	cps
Erbium	164-2	13	20	17	17	20.01	cps
Gadolinium	160-1	133	150	133	139	6.93	cps
Gadolinium	160-2	67	43	50	53	22.54	cps
Holmium	165-1	15099869	15176125	15196268	15157420	0.34	cps
Holmium	165-2	7525021	7583969	7593627	7567539	0.49	cps
Indium	115-1	11928265	11913679	11994239	11945394	0.36	cps
Indium	115-2	2299330	2312031	2311756	2307706	0.31	cps
Iron	56-2	14057	14763	14780	14534	2.84	cps
Iron	57-2	344	328	422	365	13.82	cps
Lead	206-1	3328	3567	3906	3601	8.07	cps
Lead	207-1	3378	3317	3579	3425	3.99	cps
Lead	208-1	14220	14259	15861	14780	6.34	cps
Lithium	6-1	1521788	1533099	1517418	1524102	0.53	cps
Magnesium	24-2	933	1058	1158	1050	10.74	cps
Manganese	55-2	90	133	103	109	20.38	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:21:51	DataFile Name :	018CCBE_P7052317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2409	2834	3142	2795	13.18	cps
Molybdenum	95-1	2792	3334	4268	3465	21.54	cps
Molybdenum	96-1	2984	3967	4910	3954	24.36	cps
Molybdenum	97-1	1492	1875	2484	1950	25.65	cps
Molybdenum	98-1	3984	5176	6861	5340	27.07	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	417	480	443	447	7.12	cps
Phosphorus	31-2	575	517	483	525	8.84	cps
Potassium	39-2	60332	58760	59755	59615	1.33	cps
Rhodium	103-1	10936749	11241699	11127533	11101994	1.39	cps
Rhodium	103-2	5248308	5282093	5313159	5281187	0.61	cps
Scandium	45-1	7131138	7124511	7098279	7117976	0.24	cps
Scandium	45-2	341812	340658	343412	341961	0.40	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	117	122	109	116	5.60	cps
Selenium	82-1	21	99	-19	34	178.77	cps
Silicon	28-1	464403	460766	466780	463983	0.65	cps
Silver	109-1	533	567	575	558	3.95	cps
Silver	107-1	483	567	642	564	14.05	cps
Sodium	23-2	62506	63017	60991	62171	1.69	cps
Strontium	86-1	2259	2425	2467	2384	4.63	cps
Strontium	88-1	800	1075	1259	1045	22.09	cps
Sulfur	34-1	704527	694388	692249	697055	0.94	cps
Terbium	159-1	15346075	15602852	15498517	15482481	0.83	cps
Terbium	159-2	7449693	7516577	7415100	7460456	0.69	cps
Thallium	203-1	1125	1158	1542	1275	18.17	cps
Thallium	205-1	2717	2893	3704	3105	16.95	cps
Tin	118-1	2600	4658	3492	3584	28.80	cps
Titanium	47-1	200	208	250	219	12.21	cps
Uranium	238-1	433	358	2256	1016	105.78	cps
Vanadium	51-2	30	40	37	36	14.32	cps
Yttrium	89-1	11824061	11841741	11875071	11846958	0.22	cps
Yttrium	89-2	1761871	1775821	1781709	1773134	0.57	cps
Zinc	66-2	180	237	223	213	13.89	cps
Zirconium	90-1	2259	2809	3084	2717	15.47	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCB027	Instrumnet Name :	P7
Client Sample ID :	CCB027	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:21:51	DataFile Name :	018CCBE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	608	625	642	625	2.67	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:25:30	DataFile Name :	019SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2742	2967	3017	2909	5.04	cps
Antimony	121-1	37133	38103	38069	37768	1.46	cps
Arsenic	75-2	635	678	676	663	3.63	cps
Barium	135-1	35213	35622	33733	34856	2.85	cps
Barium	137-1	61479	60550	59537	60522	1.60	cps
Beryllium	9-1	2645	2684	2500	2610	3.70	cps
Bismuth	209-1	10412403	10360969	10293489	10355621	0.58	cps
Bismuth	209-2	5913847	5895965	5942886	5917566	0.40	cps
Boron	10-1	10029	9879	9937	9948	0.76	cps
Boron	11-1	48997	51113	50803	50304	2.27	cps
Cadmium	111-1	6415	6790	6339	6514	3.71	cps
Cadmium	106-1	4301	4576	4209	4362	4.38	cps
Cadmium	108-1	346	329	375	350	6.63	cps
Calcium	43-1	20982	20356	20423	20587	1.67	cps
Calcium	44-1	343310	341299	339358	341322	0.58	cps
Chromium	52-2	10984	11635	11515	11378	3.04	cps
Cobalt	59-2	7872	7842	7562	7759	2.20	cps
Copper	63-2	16052	15535	16012	15867	1.81	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	125	67	108	100	30.05	cps
Erbium	164-2	10	37	43	30	58.79	cps
Gadolinium	160-1	142	108	83	111	26.34	cps
Gadolinium	160-2	57	63	53	58	8.81	cps
Holmium	165-1	15180021	15120112	15039486	15113206	0.47	cps
Holmium	165-2	7567040	7542643	7569736	7559806	0.20	cps
Indium	115-1	11814628	12046776	11780203	11880536	1.22	cps
Indium	115-2	2293160	2325651	2285906	2301572	0.92	cps
Iron	56-2	203748	204937	206638	205108	0.71	cps
Iron	57-2	5118	5157	5140	5138	0.38	cps
Lead	206-1	15454	15370	15098	15307	1.22	cps
Lead	207-1	14458	14653	14592	14568	0.68	cps
Lead	208-1	64407	63650	63327	63795	0.87	cps
Lithium	6-1	1521489	1515492	1520673	1519218	0.21	cps
Magnesium	24-2	169589	169187	168199	168992	0.42	cps
Manganese	55-2	2940	2810	2744	2831	3.53	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:25:30	DataFile Name :	019SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	29757	30617	29122	29832	2.52	cps
Molybdenum	95-1	35286	36632	35821	35913	1.89	cps
Molybdenum	96-1	40233	39506	39698	39812	0.95	cps
Molybdenum	97-1	23153	22243	22936	22777	2.09	cps
Molybdenum	98-1	58019	57425	59701	58382	2.02	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2564	2584	2437	2528	3.15	cps
Phosphorus	31-2	517	425	408	450	12.96	cps
Potassium	39-2	225582	228118	224311	226004	0.86	cps
Rhodium	103-1	11035982	11023907	11025859	11028582	0.06	cps
Rhodium	103-2	5275804	5271790	5244771	5264122	0.32	cps
Scandium	45-1	7127236	7062132	7060004	7083124	0.54	cps
Scandium	45-2	342746	345294	342298	343446	0.47	cps
Selenium	77-2	63	37	73	58	32.80	cps
Selenium	78-2	296	300	274	290	4.83	cps
Selenium	82-1	1276	1262	1159	1232	5.22	cps
Silicon	28-1	551609	556717	552636	553654	0.49	cps
Silver	109-1	24672	24372	23454	24166	2.63	cps
Silver	107-1	24506	24681	24422	24536	0.54	cps
Sodium	23-2	387251	387619	381056	385309	0.96	cps
Strontium	86-1	6819	6860	6635	6771	1.77	cps
Strontium	88-1	41402	42046	41202	41550	1.06	cps
Sulfur	34-1	704931	706051	702121	704368	0.29	cps
Terbium	159-1	15465093	15227080	15301816	15331330	0.79	cps
Terbium	159-2	7474429	7386146	7375494	7412023	0.73	cps
Thallium	203-1	16085	16244	15284	15871	3.24	cps
Thallium	205-1	37437	38799	36944	37727	2.55	cps
Tin	118-1	61728	62004	61954	61895	0.24	cps
Titanium	47-1	9270	9729	9137	9378	3.31	cps
Uranium	238-1	52892	52767	51737	52465	1.21	cps
Vanadium	51-2	18715	18816	19083	18871	1.01	cps
Yttrium	89-1	11872799	12068247	11769173	11903406	1.28	cps
Yttrium	89-2	1779693	1774607	1769009	1774436	0.30	cps
Zinc	66-2	1800	1927	1803	1843	3.92	cps
Zirconium	90-1	26400	26300	25323	26008	2.29	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:25:30	DataFile Name :	019SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6277	6035	5376	5896	7.90	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99200BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:29:01	DataFile Name :	020CCBE_P7052317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	192	158	178	9.76	cps
Antimony	121-1	3892	4151	4776	4273	10.63	cps
Arsenic	75-2	54	93	67	71	27.89	cps
Barium	135-1	100	167	150	139	24.98	cps
Barium	137-1	117	200	175	164	26.09	cps
Beryllium	9-1	206	194	200	200	2.78	cps
Bismuth	209-1	10643650	10509598	10476464	10543237	0.84	cps
Bismuth	209-2	5873277	5880013	5878632	5877307	0.06	cps
Boron	10-1	2234	1925	1884	2014	9.49	cps
Boron	11-1	10821	10871	10371	10688	2.58	cps
Cadmium	111-1	3371	2919	3322	3204	7.74	cps
Cadmium	106-1	4759	4142	4734	4545	7.68	cps
Cadmium	108-1	21	8	13	14	45.83	cps
Calcium	43-1	317	508	325	383	28.26	cps
Calcium	44-1	17553	16894	17010	17152	2.05	cps
Chromium	52-2	1513	1440	1633	1529	6.38	cps
Cobalt	59-2	120	77	107	101	21.95	cps
Copper	63-2	3044	2997	3034	3025	0.81	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	83	42	33	53	50.76	cps
Erbium	164-2	37	20	27	28	30.20	cps
Gadolinium	160-1	175	125	150	150	16.67	cps
Gadolinium	160-2	53	50	67	57	15.57	cps
Holmium	165-1	15308068	15185688	14841381	15111712	1.60	cps
Holmium	165-2	7540007	7424960	7422391	7462452	0.90	cps
Indium	115-1	12244718	11942002	11991564	12059428	1.35	cps
Indium	115-2	2278959	2274595	2280159	2277904	0.13	cps
Iron	56-2	9792	10187	10237	10072	2.42	cps
Iron	57-2	322	322	272	306	9.45	cps
Lead	206-1	2673	2606	2523	2600	2.89	cps
Lead	207-1	2611	2595	2389	2532	4.89	cps
Lead	208-1	11213	11108	10646	10989	2.74	cps
Lithium	6-1	1542392	1528816	1525395	1532201	0.59	cps
Magnesium	24-2	808	658	792	753	10.92	cps
Manganese	55-2	83	93	67	81	16.61	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99200BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:29:01	DataFile Name :	020CCBE_P7052317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1417	1775	1767	1653	12.38	cps
Molybdenum	95-1	1117	1767	1934	1606	26.88	cps
Molybdenum	96-1	1383	1917	2059	1786	19.93	cps
Molybdenum	97-1	817	942	1142	967	16.96	cps
Molybdenum	98-1	1984	2442	3175	2534	23.73	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	437	343	420	400	12.44	cps
Phosphorus	31-2	517	475	442	478	7.87	cps
Potassium	39-2	57044	55714	55797	56185	1.33	cps
Rhodium	103-1	11266066	11098126	11053733	11139308	1.01	cps
Rhodium	103-2	5168383	5185333	5185656	5179790	0.19	cps
Scandium	45-1	7253079	7185399	7134716	7191065	0.83	cps
Scandium	45-2	339951	339850	338459	339420	0.25	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	139	91	117	115	20.88	cps
Selenium	82-1	29	-52	111	29	280.55	cps
Silicon	28-1	462194	465300	459604	462366	0.62	cps
Silver	109-1	342	542	375	419	25.55	cps
Silver	107-1	525	542	475	514	6.75	cps
Sodium	23-2	51514	52627	51690	51944	1.15	cps
Strontium	86-1	2384	2142	2075	2200	7.37	cps
Strontium	88-1	875	867	933	892	4.07	cps
Sulfur	34-1	720612	722095	727492	723400	0.50	cps
Terbium	159-1	15622718	15313741	15388199	15441552	1.04	cps
Terbium	159-2	7367469	7327306	7290125	7328300	0.53	cps
Thallium	203-1	525	617	558	567	8.19	cps
Thallium	205-1	1275	1200	1458	1311	10.14	cps
Tin	118-1	1575	2325	1884	1928	19.56	cps
Titanium	47-1	150	167	108	142	21.21	cps
Uranium	238-1	267	208	233	236	12.40	cps
Vanadium	51-2	33	30	13	26	41.94	cps
Yttrium	89-1	11979951	11949204	11967001	11965385	0.13	cps
Yttrium	89-2	1749144	1757232	1747838	1751405	0.29	cps
Zinc	66-2	143	160	223	176	24.04	cps
Zirconium	90-1	1375	1600	2025	1667	19.81	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99200BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:29:01	DataFile Name :	020CCBE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	300	408	333	19.52	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99200BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:32:31	DataFile Name :	021LCSE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6185	5910	6118	6071	2.36	cps
Antimony	121-1	66684	66056	65202	65981	1.13	cps
Arsenic	75-2	1250	1313	1276	1280	2.47	cps
Barium	135-1	72657	73269	74283	73403	1.12	cps
Barium	137-1	127406	127624	128060	127697	0.26	cps
Beryllium	9-1	5557	5496	5512	5522	0.57	cps
Bismuth	209-1	10552224	10479257	10648794	10560092	0.81	cps
Bismuth	209-2	5922876	5876644	5882057	5893859	0.43	cps
Boron	10-1	18078	18462	18470	18337	1.22	cps
Boron	11-1	91870	92532	93421	92608	0.84	cps
Cadmium	111-1	11324	10861	11415	11200	2.65	cps
Cadmium	106-1	5535	4976	5393	5301	5.48	cps
Cadmium	108-1	546	600	596	581	5.19	cps
Calcium	43-1	42696	41417	42813	42309	1.83	cps
Calcium	44-1	695719	694287	696558	695521	0.17	cps
Chromium	52-2	21579	21322	21272	21391	0.77	cps
Cobalt	59-2	16446	16009	16560	16338	1.78	cps
Copper	63-2	28211	28922	28892	28675	1.40	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	108	100	108	106	4.56	cps
Erbium	164-2	43	50	50	48	8.06	cps
Gadolinium	160-1	58	125	175	119	49.00	cps
Gadolinium	160-2	73	77	53	68	18.62	cps
Holmium	165-1	15285464	15136721	15114185	15178790	0.61	cps
Holmium	165-2	7587667	7494081	7521588	7534445	0.64	cps
Indium	115-1	12015553	11928355	12163434	12035781	0.99	cps
Indium	115-2	2285878	2283689	2284121	2284563	0.05	cps
Iron	56-2	1615820	1611594	1613184	1613533	0.13	cps
Iron	57-2	40094	40228	39788	40037	0.56	cps
Lead	206-1	31488	31900	32000	31796	0.85	cps
Lead	207-1	30040	29121	29422	29528	1.59	cps
Lead	208-1	132305	131268	131412	131661	0.43	cps
Lithium	6-1	1545729	1524937	1528088	1532918	0.73	cps
Magnesium	24-2	352997	352724	348506	351409	0.72	cps
Manganese	55-2	6141	6198	5965	6101	2.00	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99200BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:32:31	DataFile Name :	021LCSE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	59650	61057	61056	60588	1.34	cps
Molybdenum	95-1	72861	73790	74428	73693	1.07	cps
Molybdenum	96-1	82925	79263	82187	81458	2.38	cps
Molybdenum	97-1	46293	45758	46217	46089	0.63	cps
Molybdenum	98-1	119684	119464	120153	119767	0.29	cps
Neodymium	150-1	0	27	20	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4781	4944	4871	4865	1.68	cps
Phosphorus	31-2	567	483	425	492	14.48	cps
Potassium	39-2	396852	395875	401248	397992	0.72	cps
Rhodium	103-1	11154269	11057040	11221882	11144397	0.74	cps
Rhodium	103-2	5211514	5211359	5271687	5231520	0.66	cps
Scandium	45-1	7152035	7077522	7230094	7153217	1.07	cps
Scandium	45-2	342304	340814	338270	340463	0.60	cps
Selenium	77-2	107	120	107	111	6.93	cps
Selenium	78-2	483	485	554	507	7.90	cps
Selenium	82-1	2266	2470	2491	2409	5.17	cps
Silicon	28-1	646278	640464	661588	649443	1.68	cps
Silver	109-1	38729	39055	39122	38969	0.54	cps
Silver	107-1	40919	41361	41821	41367	1.09	cps
Sodium	23-2	723997	722482	719599	722026	0.31	cps
Strontium	86-1	12006	12322	12531	12286	2.15	cps
Strontium	88-1	86862	87282	87944	87363	0.62	cps
Sulfur	34-1	718363	713837	723864	718688	0.70	cps
Terbium	159-1	15593609	15348811	15460365	15467595	0.79	cps
Terbium	159-2	7364760	7362270	7345821	7357617	0.14	cps
Thallium	203-1	32858	32683	31547	32363	2.20	cps
Thallium	205-1	77861	75674	75406	76314	1.76	cps
Tin	118-1	126078	125413	127170	126220	0.70	cps
Titanium	47-1	20340	19998	20657	20331	1.62	cps
Uranium	238-1	110198	110499	112575	111091	1.17	cps
Vanadium	51-2	39099	39199	39516	39271	0.56	cps
Yttrium	89-1	11871759	11795674	12030758	11899397	1.01	cps
Yttrium	89-2	1760465	1763469	1772812	1765582	0.36	cps
Zinc	66-2	3561	3567	3704	3611	2.24	cps
Zirconium	90-1	52087	51034	51903	51675	1.09	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99200BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:32:31	DataFile Name :	021LCSE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	11680	11797	11288	11588	2.30	cps

LB Number : LB87664 Operator : Jaswal
 Lab Sample ID : PB99201BL Instrumnet Name : P7
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-23 12:36:02 DataFile Name : 022CCBE_P7052317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	208	150	161	26.54	cps
Antimony	121-1	1992	2200	2367	2186	8.59	cps
Arsenic	75-2	41	48	48	46	9.37	cps
Barium	135-1	158	133	125	139	12.49	cps
Barium	137-1	142	117	133	131	9.75	cps
Beryllium	9-1	161	144	178	161	10.34	cps
Bismuth	209-1	10611410	10497459	10547030	10551966	0.54	cps
Bismuth	209-2	5942734	5975237	5988627	5968866	0.40	cps
Boron	10-1	1508	1375	1500	1461	5.11	cps
Boron	11-1	7836	7619	7752	7736	1.41	cps
Cadmium	111-1	3343	2939	2694	2992	10.95	cps
Cadmium	106-1	4751	4176	3842	4256	10.80	cps
Cadmium	108-1	17	13	29	19	44.61	cps
Calcium	43-1	400	450	358	403	11.40	cps
Calcium	44-1	16443	16493	16385	16441	0.33	cps
Chromium	52-2	1630	1547	1603	1593	2.67	cps
Cobalt	59-2	80	123	90	98	23.21	cps
Copper	63-2	2807	2900	2960	2889	2.68	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	10	0	13	8	89.21	cps
Erbium	164-1	75	50	58	61	20.83	cps
Erbium	164-2	30	30	23	28	13.86	cps
Gadolinium	160-1	133	92	83	103	26.06	cps
Gadolinium	160-2	30	33	67	43	46.80	cps
Holmium	165-1	15227250	15237478	15195647	15220125	0.14	cps
Holmium	165-2	7536004	7586571	7525403	7549326	0.43	cps
Indium	115-1	12165716	12058557	12016806	12080360	0.64	cps
Indium	115-2	2285908	2292792	2306794	2295164	0.46	cps
Iron	56-2	9014	9209	9242	9155	1.34	cps
Iron	57-2	300	194	228	241	22.41	cps
Lead	206-1	2389	2384	2356	2376	0.75	cps
Lead	207-1	2172	2245	2406	2274	5.25	cps
Lead	208-1	9707	10074	10035	9939	2.03	cps
Lithium	6-1	1564718	1563057	1547103	1558292	0.62	cps
Magnesium	24-2	775	733	750	753	2.79	cps
Manganese	55-2	83	83	63	77	15.07	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99201BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:36:02	DataFile Name :	022CCBE_P7052317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	850	1408	1142	1133	24.64	cps
Molybdenum	95-1	825	983	1267	1025	21.83	cps
Molybdenum	96-1	892	1175	1500	1189	25.61	cps
Molybdenum	97-1	433	542	883	619	37.92	cps
Molybdenum	98-1	1242	1659	2200	1700	28.27	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	403	523	513	480	13.87	cps
Phosphorus	31-2	392	433	483	436	10.52	cps
Potassium	39-2	54610	52435	55070	54038	2.60	cps
Rhodium	103-1	11207783	11127564	11154833	11163393	0.37	cps
Rhodium	103-2	5244836	5268455	5300074	5271122	0.53	cps
Scandium	45-1	7146329	7084927	7203762	7145006	0.83	cps
Scandium	45-2	339752	338341	341252	339782	0.43	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	80	124	80	94	27.17	cps
Selenium	82-1	39	-14	-14	4	779.50	cps
Silicon	28-1	454917	453310	455249	454492	0.23	cps
Silver	109-1	433	600	525	519	16.07	cps
Silver	107-1	408	483	617	503	20.99	cps
Sodium	23-2	47986	47869	47309	47722	0.76	cps
Strontium	86-1	2400	1934	2392	2242	11.91	cps
Strontium	88-1	1025	1017	992	1011	1.72	cps
Sulfur	34-1	723278	711450	721369	718699	0.88	cps
Terbium	159-1	15664385	15578448	15594176	15612336	0.29	cps
Terbium	159-2	7614072	7459740	7391771	7488528	1.52	cps
Thallium	203-1	417	383	392	397	4.37	cps
Thallium	205-1	908	1142	875	975	14.90	cps
Tin	118-1	1367	1517	1834	1572	15.15	cps
Titanium	47-1	142	250	200	197	27.49	cps
Uranium	238-1	192	167	225	194	15.05	cps
Vanadium	51-2	30	20	27	26	19.92	cps
Yttrium	89-1	12003781	12044757	12129925	12059488	0.53	cps
Yttrium	89-2	1767748	1772832	1783118	1774566	0.44	cps
Zinc	66-2	153	137	180	157	13.95	cps
Zirconium	90-1	1317	1442	1533	1431	7.60	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99201BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:36:02	DataFile Name :	022CCBE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	317	383	325	342	10.63	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99201BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:39:33	DataFile Name :	023LCSE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5743	5801	6010	5851	2.40	cps
Antimony	121-1	64992	62306	63678	63659	2.11	cps
Arsenic	75-2	1235	1278	1170	1228	4.41	cps
Barium	135-1	71778	71007	70144	70976	1.15	cps
Barium	137-1	123824	124355	123563	123914	0.33	cps
Beryllium	9-1	5351	5668	5507	5509	2.88	cps
Bismuth	209-1	10501978	10497593	10500068	10499880	0.02	cps
Bismuth	209-2	5925597	6000486	6019059	5981714	0.83	cps
Boron	10-1	16560	17970	17277	17269	4.08	cps
Boron	11-1	88575	90144	88183	88967	1.17	cps
Cadmium	111-1	10545	10891	10780	10738	1.64	cps
Cadmium	106-1	5001	5335	5376	5237	3.93	cps
Cadmium	108-1	613	583	479	558	12.55	cps
Calcium	43-1	41116	40958	40983	41019	0.21	cps
Calcium	44-1	672092	677114	677409	675538	0.44	cps
Chromium	52-2	21142	20912	20708	20921	1.04	cps
Cobalt	59-2	16106	16620	16333	16353	1.57	cps
Copper	63-2	27509	27316	27987	27604	1.25	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	20	3	10	11	75.52	cps
Erbium	164-1	117	108	100	108	7.69	cps
Erbium	164-2	47	27	50	41	30.69	cps
Gadolinium	160-1	158	175	142	158	10.53	cps
Gadolinium	160-2	50	53	53	52	3.68	cps
Holmium	165-1	15299849	15108630	15322690	15243723	0.77	cps
Holmium	165-2	7582193	7594527	7671159	7615960	0.63	cps
Indium	115-1	12093002	12031399	11992890	12039097	0.42	cps
Indium	115-2	2298789	2309534	2323945	2310756	0.55	cps
Iron	56-2	1572854	1579804	1588474	1580377	0.50	cps
Iron	57-2	38963	39147	38947	39019	0.29	cps
Lead	206-1	31421	30641	31131	31065	1.27	cps
Lead	207-1	28637	28192	28364	28398	0.79	cps
Lead	208-1	127635	127102	127374	127370	0.21	cps
Lithium	6-1	1549520	1546353	1549589	1548487	0.12	cps
Magnesium	24-2	343058	345719	344984	344587	0.40	cps
Manganese	55-2	5798	6028	5911	5912	1.95	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99201BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:39:33	DataFile Name :	023LCSE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	57726	58295	58521	58180	0.70	cps
Molybdenum	95-1	72284	71747	72368	72133	0.47	cps
Molybdenum	96-1	79153	77846	78867	78622	0.87	cps
Molybdenum	97-1	44470	44328	45039	44612	0.84	cps
Molybdenum	98-1	113390	115456	114473	114440	0.90	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	4821	4914	4828	4854	1.07	cps
Phosphorus	31-2	483	408	400	431	10.66	cps
Potassium	39-2	386881	390521	388616	388672	0.47	cps
Rhodium	103-1	11127523	11191190	11179158	11165957	0.30	cps
Rhodium	103-2	5289159	5302747	5337802	5309903	0.47	cps
Scandium	45-1	7094394	7115847	7082972	7097738	0.24	cps
Scandium	45-2	342486	343983	344089	343519	0.26	cps
Selenium	77-2	127	77	120	108	25.19	cps
Selenium	78-2	504	493	524	507	3.15	cps
Selenium	82-1	2410	2260	2282	2317	3.50	cps
Silicon	28-1	633306	637398	639369	636691	0.49	cps
Silver	109-1	38353	37392	38219	37988	1.37	cps
Silver	107-1	39063	40016	40016	39699	1.39	cps
Sodium	23-2	698641	705248	707329	703739	0.64	cps
Strontium	86-1	11830	11614	11630	11691	1.03	cps
Strontium	88-1	85605	85831	83309	84915	1.64	cps
Sulfur	34-1	718953	719114	720361	719476	0.11	cps
Terbium	159-1	15366041	15488618	15488963	15447874	0.46	cps
Terbium	159-2	7502390	7519305	7627828	7549841	0.90	cps
Thallium	203-1	31071	30912	30669	30884	0.65	cps
Thallium	205-1	74492	74426	74501	74473	0.06	cps
Tin	118-1	122270	122767	121564	122200	0.49	cps
Titanium	47-1	19639	19822	19480	19647	0.87	cps
Uranium	238-1	109558	108499	107482	108513	0.96	cps
Vanadium	51-2	37996	38430	38721	38382	0.95	cps
Yttrium	89-1	12067324	12020558	11899999	11995961	0.72	cps
Yttrium	89-2	1776749	1779968	1803031	1786583	0.80	cps
Zinc	66-2	3260	3464	3434	3386	3.24	cps
Zirconium	90-1	49562	49561	47698	48940	2.20	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99201BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:39:33	DataFile Name :	023LCSE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10805	11472	10930	11069	3.20	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99202BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:43:04	DataFile Name :	024CCBE_P7052317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	150	200	172	14.78	cps
Antimony	121-1	1250	1408	1717	1458	16.27	cps
Arsenic	75-2	35	39	28	34	16.66	cps
Barium	135-1	150	58	108	106	43.48	cps
Barium	137-1	83	142	133	119	26.41	cps
Beryllium	9-1	172	150	133	152	12.85	cps
Bismuth	209-1	10500987	10432809	10513138	10482311	0.41	cps
Bismuth	209-2	5913447	5916816	5973770	5934677	0.57	cps
Boron	10-1	1367	1433	1483	1428	4.10	cps
Boron	11-1	7135	7177	6602	6971	4.60	cps
Cadmium	111-1	2925	3024	2957	2969	1.71	cps
Cadmium	106-1	4176	4301	4234	4237	1.48	cps
Cadmium	108-1	33	4	33	24	71.31	cps
Calcium	43-1	392	350	492	411	17.71	cps
Calcium	44-1	16627	16135	16310	16357	1.52	cps
Chromium	52-2	1587	1627	1573	1596	1.74	cps
Cobalt	59-2	100	70	103	91	20.15	cps
Copper	63-2	2760	2704	2617	2694	2.68	cps
Dysprosium	156-1	0	33	58	31	95.79	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	67	42	75	61	28.38	cps
Erbium	164-2	30	30	33	31	6.18	cps
Gadolinium	160-1	167	100	83	117	37.80	cps
Gadolinium	160-2	43	87	43	58	43.31	cps
Holmium	165-1	15132668	15027078	15225872	15128539	0.66	cps
Holmium	165-2	7510508	7491717	7613289	7538505	0.87	cps
Indium	115-1	12016911	11809934	11950387	11925744	0.89	cps
Indium	115-2	2270601	2297756	2313320	2293893	0.94	cps
Iron	56-2	9325	8803	8731	8953	3.63	cps
Iron	57-2	217	217	183	206	9.36	cps
Lead	206-1	2306	2400	2323	2343	2.15	cps
Lead	207-1	2195	2028	1972	2065	5.60	cps
Lead	208-1	9452	9318	9391	9387	0.71	cps
Lithium	6-1	1538903	1549934	1559633	1549490	0.67	cps
Magnesium	24-2	700	850	800	783	9.75	cps
Manganese	55-2	50	83	97	77	31.35	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99202BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:43:04	DataFile Name :	024CCBE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	792	1025	967	928	13.09	cps
Molybdenum	95-1	483	725	942	717	31.99	cps
Molybdenum	96-1	733	983	1217	978	24.72	cps
Molybdenum	97-1	508	475	642	542	16.28	cps
Molybdenum	98-1	1083	1367	1675	1375	21.52	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	477	423	353	418	14.81	cps
Phosphorus	31-2	467	400	400	422	9.12	cps
Potassium	39-2	53130	52293	54125	53182	1.72	cps
Rhodium	103-1	11038830	10937438	11016832	10997700	0.48	cps
Rhodium	103-2	5181275	5246968	5268128	5232124	0.87	cps
Scandium	45-1	7034426	7014092	7041351	7029956	0.20	cps
Scandium	45-2	339202	338977	340620	339600	0.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	122	104	87	104	16.87	cps
Selenium	82-1	-3	19	-66	-17	-263.33	cps
Silicon	28-1	453313	451839	453531	452894	0.20	cps
Silver	109-1	525	392	350	422	21.65	cps
Silver	107-1	467	450	325	414	18.71	cps
Sodium	23-2	44893	45010	44600	44835	0.47	cps
Strontium	86-1	2317	2159	2009	2161	7.13	cps
Strontium	88-1	942	958	842	914	6.91	cps
Sulfur	34-1	725351	721626	719150	722042	0.43	cps
Terbium	159-1	15469819	15339156	15259816	15356264	0.69	cps
Terbium	159-2	7394914	7405558	7406932	7402468	0.09	cps
Thallium	203-1	308	467	442	406	20.99	cps
Thallium	205-1	917	775	683	792	14.85	cps
Tin	118-1	1317	1458	1417	1397	5.21	cps
Titanium	47-1	142	208	183	178	18.94	cps
Uranium	238-1	267	125	142	178	43.56	cps
Vanadium	51-2	20	10	20	17	34.64	cps
Yttrium	89-1	11812792	11794528	11747247	11784856	0.29	cps
Yttrium	89-2	1757527	1744717	1780740	1760995	1.04	cps
Zinc	66-2	110	120	107	112	6.18	cps
Zirconium	90-1	1425	1408	1475	1436	2.42	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99202BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:43:04	DataFile Name :	024CCBE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	325	275	264	25.52	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99202BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:46:35	DataFile Name :	025LCSE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6118	5976	5668	5921	3.89	cps
Antimony	121-1	63787	63469	63193	63483	0.47	cps
Arsenic	75-2	1228	1265	1241	1245	1.51	cps
Barium	135-1	71166	70898	70831	70965	0.25	cps
Barium	137-1	124421	124924	122614	123986	0.98	cps
Beryllium	9-1	5173	5084	5440	5233	3.54	cps
Bismuth	209-1	10472949	10479404	10502578	10484977	0.15	cps
Bismuth	209-2	5911277	5954144	5871962	5912461	0.70	cps
Boron	10-1	18220	17711	17486	17805	2.11	cps
Boron	11-1	88559	87486	89891	88645	1.36	cps
Cadmium	111-1	10416	10652	10795	10621	1.80	cps
Cadmium	106-1	4651	4801	4951	4801	3.13	cps
Cadmium	108-1	596	588	550	578	4.23	cps
Calcium	43-1	41367	41225	40657	41083	0.91	cps
Calcium	44-1	676127	680847	673333	676769	0.56	cps
Chromium	52-2	21205	21145	20551	20967	1.72	cps
Cobalt	59-2	16272	16416	16436	16375	0.54	cps
Copper	63-2	27623	28134	27546	27768	1.15	cps
Dysprosium	156-1	8	50	42	33	66.15	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	150	150	125	142	10.19	cps
Erbium	164-2	27	43	63	44	41.30	cps
Gadolinium	160-1	175	167	167	169	2.84	cps
Gadolinium	160-2	67	67	57	63	9.12	cps
Holmium	165-1	15080787	14991208	14963105	15011700	0.41	cps
Holmium	165-2	7538043	7581683	7475052	7531592	0.71	cps
Indium	115-1	11980876	11930318	11904700	11938631	0.32	cps
Indium	115-2	2274009	2298211	2279951	2284057	0.55	cps
Iron	56-2	1584822	1585843	1569697	1580121	0.57	cps
Iron	57-2	39292	40033	38807	39377	1.57	cps
Lead	206-1	30669	31053	30864	30862	0.62	cps
Lead	207-1	27629	28626	28325	28193	1.81	cps
Lead	208-1	126936	128251	128140	127776	0.57	cps
Lithium	6-1	1543286	1540225	1549288	1544266	0.30	cps
Magnesium	24-2	343245	346942	345381	345189	0.54	cps
Manganese	55-2	5811	5885	5878	5858	0.69	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99202BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:46:35	DataFile Name :	025LCSE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	58487	58429	56890	57935	1.56	cps
Molybdenum	95-1	72593	71354	70851	71599	1.25	cps
Molybdenum	96-1	79287	78742	79605	79211	0.55	cps
Molybdenum	97-1	44512	44747	44512	44590	0.30	cps
Molybdenum	98-1	113601	116323	115927	115284	1.28	cps
Neodymium	150-1	20	7	27	18	57.27	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	4714	5001	4918	4878	3.02	cps
Phosphorus	31-2	500	400	408	436	12.72	cps
Potassium	39-2	390942	387276	390049	389422	0.49	cps
Rhodium	103-1	11038215	11024189	11130048	11064151	0.52	cps
Rhodium	103-2	5267322	5270468	5242149	5259980	0.30	cps
Scandium	45-1	7032140	7031552	7068444	7044045	0.30	cps
Scandium	45-2	337128	341453	339067	339216	0.64	cps
Selenium	77-2	127	113	127	122	6.30	cps
Selenium	78-2	544	511	472	509	7.10	cps
Selenium	82-1	2147	2399	2288	2278	5.55	cps
Silicon	28-1	632044	636441	636078	634854	0.38	cps
Silver	109-1	38027	38453	38587	38356	0.76	cps
Silver	107-1	38787	38796	39213	38932	0.63	cps
Sodium	23-2	710818	701804	704593	705738	0.65	cps
Strontium	86-1	11463	11839	11739	11680	1.66	cps
Strontium	88-1	83250	83921	87450	84874	2.66	cps
Sulfur	34-1	717518	721710	725329	721519	0.54	cps
Terbium	159-1	15401946	15454948	15405328	15420741	0.19	cps
Terbium	159-2	7407547	7462829	7376359	7415578	0.59	cps
Thallium	203-1	30653	31563	29325	30514	3.69	cps
Thallium	205-1	74693	75238	76143	75358	0.97	cps
Tin	118-1	123724	124102	122010	123278	0.90	cps
Titanium	47-1	19397	19605	20081	19694	1.78	cps
Uranium	238-1	107970	109635	108903	108836	0.77	cps
Vanadium	51-2	38444	39282	37946	38557	1.75	cps
Yttrium	89-1	11787426	11866377	11702977	11785594	0.69	cps
Yttrium	89-2	1764679	1771580	1756727	1764329	0.42	cps
Zinc	66-2	3474	3587	3534	3532	1.61	cps
Zirconium	90-1	49529	50239	47463	49077	2.94	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	PB99202BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:46:35	DataFile Name :	025LCSE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10821	10579	10938	10779	1.70	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-01	Instrumnet Name :	P7
Client Sample ID :	MGA150	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:50:06	DataFile Name :	026SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	700	800	708	736	7.54	cps
Antimony	121-1	1684	1700	1967	1784	8.92	cps
Arsenic	75-2	170	176	150	165	8.25	cps
Barium	135-1	217981	212162	210708	213617	1.80	cps
Barium	137-1	378949	371615	365099	371888	1.86	cps
Beryllium	9-1	194	150	172	172	12.90	cps
Bismuth	209-1	11225437	10883300	10792070	10966936	2.08	cps
Bismuth	209-2	5957539	5921770	5886375	5921895	0.60	cps
Boron	10-1	48303	46965	45929	47066	2.53	cps
Boron	11-1	241431	239194	235936	238854	1.16	cps
Cadmium	111-1	3246	3106	3161	3171	2.22	cps
Cadmium	106-1	4534	4293	4401	4409	2.75	cps
Cadmium	108-1	46	46	33	42	17.32	cps
Calcium	43-1	2182641	2131249	2101923	2138604	1.91	cps
Calcium	44-1	35864255	35216403	34788230	35289629	1.54	cps
Chromium	52-2	1100	1027	1057	1061	3.47	cps
Cobalt	59-2	900	870	873	881	1.87	cps
Copper	63-2	55595	55910	56512	56006	0.83	cps
Dysprosium	156-1	50	33	33	39	24.75	cps
Dysprosium	156-2	27	17	13	19	36.75	cps
Erbium	164-1	50	67	50	56	17.32	cps
Erbium	164-2	37	30	37	34	11.18	cps
Gadolinium	160-1	83	108	233	142	56.73	cps
Gadolinium	160-2	73	30	47	50	43.71	cps
Holmium	165-1	16292137	16128819	15952233	16124396	1.05	cps
Holmium	165-2	7847722	7792150	7742576	7794149	0.67	cps
Indium	115-1	12873300	12558390	12385002	12605564	1.96	cps
Indium	115-2	2339781	2326201	2319318	2328434	0.45	cps
Iron	56-2	85302	86386	83972	85220	1.42	cps
Iron	57-2	3395	3284	3323	3334	1.69	cps
Lead	206-1	18892	18675	18369	18645	1.41	cps
Lead	207-1	16166	15610	16066	15947	1.86	cps
Lead	208-1	74516	73726	73598	73947	0.67	cps
Lithium	6-1	1699390	1669128	1651408	1673309	1.45	cps
Magnesium	24-2	11187469	10968519	10953968	11036652	1.19	cps
Manganese	55-2	7249	7565	7269	7361	2.41	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-01	Instrumnet Name :	P7
Client Sample ID :	MGA150	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:50:06	DataFile Name :	026SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5151	5059	5034	5082	1.21	cps
Molybdenum	95-1	7244	7827	7527	7533	3.87	cps
Molybdenum	96-1	8319	7652	8411	8128	5.10	cps
Molybdenum	97-1	4859	4559	4559	4659	3.72	cps
Molybdenum	98-1	13090	12581	11805	12492	5.18	cps
Neodymium	150-1	27	87	73	62	50.63	cps
Neodymium	150-2	13	27	7	16	65.47	cps
Nickel	60-2	1093	1280	1130	1168	8.47	cps
Phosphorus	31-2	467	342	508	439	19.76	cps
Potassium	39-2	1053460	1047609	1044040	1048370	0.45	cps
Rhodium	103-1	11716969	11403608	11318119	11479565	1.83	cps
Rhodium	103-2	5332491	5220083	5245296	5265957	1.12	cps
Scandium	45-1	7656392	7398768	7365354	7473505	2.13	cps
Scandium	45-2	343467	341351	344401	343073	0.46	cps
Selenium	77-2	10	7	0	6	91.64	cps
Selenium	78-2	122	117	113	117	3.97	cps
Selenium	82-1	99	-36	112	58	140.80	cps
Silicon	28-1	37038092	36189003	35492429	36239841	2.14	cps
Silver	109-1	3751	4593	5043	4462	14.70	cps
Silver	107-1	4334	4676	4751	4587	4.84	cps
Sodium	23-2	3610988	3539848	3572521	3574453	1.00	cps
Strontium	86-1	891641	873085	861303	875343	1.75	cps
Strontium	88-1	7915357	7655500	7582260	7717706	2.27	cps
Sulfur	34-1	1285325	1273353	1261900	1273526	0.92	cps
Terbium	159-1	16802524	16231108	16083871	16372501	2.32	cps
Terbium	159-2	7579237	7687180	7667864	7644760	0.75	cps
Thallium	203-1	425	500	575	500	15.00	cps
Thallium	205-1	892	1083	1142	1039	12.59	cps
Tin	118-1	1884	1700	1675	1753	6.49	cps
Titanium	47-1	1117	867	992	992	12.60	cps
Uranium	238-1	74271	73516	71857	73214	1.69	cps
Vanadium	51-2	203	190	203	199	3.87	cps
Yttrium	89-1	12836177	12426959	12243003	12502046	2.43	cps
Yttrium	89-2	1795569	1777513	1770582	1781221	0.72	cps
Zinc	66-2	21870	22548	22137	22185	1.54	cps
Zirconium	90-1	2917	3292	3192	3134	6.20	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-01	Instrumnet Name :	P7
Client Sample ID :	MGA150	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:50:06	DataFile Name :	026SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	667	583	667	639	7.53	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-02	Instrumnet Name :	P7
Client Sample ID :	MGA150D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:53:36	DataFile Name :	027SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	692	650	700	681	3.94	cps
Antimony	121-1	1292	1450	1550	1431	9.11	cps
Arsenic	75-2	144	156	161	154	5.52	cps
Barium	135-1	215539	211883	210223	212548	1.28	cps
Barium	137-1	376684	367789	366131	370201	1.53	cps
Beryllium	9-1	167	83	172	141	35.38	cps
Bismuth	209-1	11049396	10860260	10845622	10918426	1.04	cps
Bismuth	209-2	6009760	5988452	5934958	5977723	0.64	cps
Boron	10-1	45202	46631	45879	45904	1.56	cps
Boron	11-1	233619	234633	237061	235104	0.75	cps
Cadmium	111-1	3156	3091	3361	3203	4.40	cps
Cadmium	106-1	4393	4318	4668	4459	4.13	cps
Cadmium	108-1	21	21	21	21	0.00	cps
Calcium	43-1	2100205	2070056	2072011	2080757	0.81	cps
Calcium	44-1	34275923	34001534	33729562	34002340	0.80	cps
Chromium	52-2	1043	1010	1193	1082	9.02	cps
Cobalt	59-2	950	807	863	873	8.27	cps
Copper	63-2	58717	58891	57596	58402	1.20	cps
Dysprosium	156-1	67	58	25	50	44.10	cps
Dysprosium	156-2	17	10	23	17	39.99	cps
Erbium	164-1	75	92	92	86	11.18	cps
Erbium	164-2	33	30	43	36	19.51	cps
Gadolinium	160-1	225	92	100	139	53.78	cps
Gadolinium	160-2	67	60	70	66	7.77	cps
Holmium	165-1	16260806	15934235	16136214	16110418	1.02	cps
Holmium	165-2	7950531	7804633	7710092	7821752	1.55	cps
Indium	115-1	12538928	12385766	12483556	12469417	0.62	cps
Indium	115-2	2321951	2327037	2302064	2317017	0.57	cps
Iron	56-2	85197	83006	82257	83487	1.83	cps
Iron	57-2	3339	3245	3373	3319	2.00	cps
Lead	206-1	18324	18230	18280	18278	0.26	cps
Lead	207-1	16349	16516	16205	16357	0.95	cps
Lead	208-1	73375	74417	73876	73889	0.71	cps
Lithium	6-1	1701401	1675217	1675143	1683920	0.90	cps
Magnesium	24-2	10958277	10941023	10725010	10874770	1.20	cps
Manganese	55-2	7465	7492	7305	7421	1.36	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-02	Instrumnet Name :	P7
Client Sample ID :	MGA150D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:53:36	DataFile Name :	027SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5059	4968	5101	5043	1.35	cps
Molybdenum	95-1	7144	7227	7152	7174	0.64	cps
Molybdenum	96-1	7711	8194	7694	7866	3.61	cps
Molybdenum	97-1	4209	4351	4759	4440	6.43	cps
Molybdenum	98-1	12147	11956	11288	11797	3.82	cps
Neodymium	150-1	20	73	53	49	55.11	cps
Neodymium	150-2	13	40	23	26	52.73	cps
Nickel	60-2	1190	1250	1007	1149	11.03	cps
Phosphorus	31-2	458	483	392	444	10.66	cps
Potassium	39-2	1032298	1035872	1018153	1028774	0.91	cps
Rhodium	103-1	11213116	11284266	11401698	11299693	0.84	cps
Rhodium	103-2	5276080	5298596	5236093	5270256	0.60	cps
Scandium	45-1	7274449	7233929	7258455	7255611	0.28	cps
Scandium	45-2	336332	341188	333154	336891	1.20	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	111	100	83	98	14.25	cps
Selenium	82-1	96	15	-86	9	1073.05	cps
Silicon	28-1	35695851	35047532	35035737	35259707	1.07	cps
Silver	109-1	5335	5410	6043	5596	6.96	cps
Silver	107-1	5401	6118	6477	5999	9.13	cps
Sodium	23-2	3537443	3542141	3522616	3534066	0.29	cps
Strontium	86-1	860519	859892	851265	857226	0.60	cps
Strontium	88-1	7620154	7586463	7574842	7593819	0.31	cps
Sulfur	34-1	1263369	1249965	1251148	1254827	0.59	cps
Terbium	159-1	16556436	16434939	16501811	16497729	0.37	cps
Terbium	159-2	7809498	7714327	7596435	7706753	1.38	cps
Thallium	203-1	350	342	408	367	9.91	cps
Thallium	205-1	758	833	967	853	12.37	cps
Tin	118-1	1717	1450	1767	1645	10.35	cps
Titanium	47-1	1117	1067	1158	1114	4.12	cps
Uranium	238-1	73575	72787	72108	72823	1.01	cps
Vanadium	51-2	227	260	317	268	16.99	cps
Yttrium	89-1	12349835	12316368	12244693	12303632	0.44	cps
Yttrium	89-2	1794200	1781040	1762316	1779185	0.90	cps
Zinc	66-2	22371	22341	21833	22182	1.36	cps
Zirconium	90-1	2342	2175	2300	2273	3.82	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-02	Instrumnet Name :	P7
Client Sample ID :	MGA150D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 12:53:36	DataFile Name :	027SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	475	492	517	494	4.24	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-01LX5	Instrumnet Name :	P7
Client Sample ID :	MGA150L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 12:57:05	DataFile Name :	028SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	183	233	219	14.38	cps
Antimony	121-1	917	1025	958	967	5.65	cps
Arsenic	75-2	37	46	59	48	23.48	cps
Barium	135-1	40602	38429	38321	39117	3.29	cps
Barium	137-1	68319	68093	67130	67847	0.93	cps
Beryllium	9-1	172	122	156	150	16.97	cps
Bismuth	209-1	10504367	10682736	10650264	10612456	0.90	cps
Bismuth	209-2	5922627	5935066	5982060	5946584	0.53	cps
Boron	10-1	10037	10412	9845	10098	2.86	cps
Boron	11-1	54758	54198	54441	54466	0.52	cps
Cadmium	111-1	3118	2916	2866	2967	4.51	cps
Cadmium	106-1	4418	4159	4092	4223	4.07	cps
Cadmium	108-1	17	29	17	21	34.64	cps
Calcium	43-1	384895	387755	387475	386709	0.41	cps
Calcium	44-1	6312951	6335359	6311700	6320003	0.21	cps
Chromium	52-2	1223	1283	1363	1290	5.45	cps
Cobalt	59-2	210	233	287	243	16.15	cps
Copper	63-2	13903	14274	14040	14073	1.33	cps
Dysprosium	156-1	25	42	42	36	26.65	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	33	92	75	67	45.07	cps
Erbium	164-2	33	27	13	24	41.66	cps
Gadolinium	160-1	75	58	75	69	13.85	cps
Gadolinium	160-2	50	50	27	42	31.90	cps
Holmium	165-1	15293797	15359034	15434862	15362564	0.46	cps
Holmium	165-2	7599532	7675734	7692663	7655977	0.65	cps
Indium	115-1	11864851	12053995	12159048	12025965	1.24	cps
Indium	115-2	2268234	2274759	2283803	2275599	0.34	cps
Iron	56-2	21049	20960	21989	21333	2.67	cps
Iron	57-2	772	889	722	794	10.77	cps
Lead	206-1	4707	4707	4523	4645	2.28	cps
Lead	207-1	4156	4279	4145	4193	1.76	cps
Lead	208-1	19006	18967	18561	18845	1.31	cps
Lithium	6-1	1591891	1588761	1581007	1587219	0.35	cps
Magnesium	24-2	2036222	2048744	2046145	2043704	0.32	cps
Manganese	55-2	1520	1497	1297	1438	8.54	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-01LX5	Instrumnet Name :	P7
Client Sample ID :	MGA150L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 12:57:05	DataFile Name :	028SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1283	1392	1584	1420	10.71	cps
Molybdenum	95-1	1850	1700	1700	1750	4.95	cps
Molybdenum	96-1	1809	1784	1934	1842	4.36	cps
Molybdenum	97-1	1108	1292	1217	1206	7.65	cps
Molybdenum	98-1	2684	2884	2934	2834	4.67	cps
Neodymium	150-1	7	20	27	18	57.27	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	513	460	497	490	5.57	cps
Phosphorus	31-2	400	483	375	419	13.52	cps
Potassium	39-2	234990	237156	235971	236039	0.46	cps
Rhodium	103-1	11061006	11050267	10861174	10990816	1.02	cps
Rhodium	103-2	5178242	5211954	5231330	5207175	0.52	cps
Scandium	45-1	6995968	6974789	6924652	6965136	0.53	cps
Scandium	45-2	329223	329507	333773	330834	0.77	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	94	115	87	99	14.56	cps
Selenium	82-1	108	32	-2	46	121.14	cps
Silicon	28-1	6830824	6825297	6843212	6833111	0.13	cps
Silver	109-1	1667	1684	1592	1647	2.96	cps
Silver	107-1	1684	2000	1692	1792	10.07	cps
Sodium	23-2	693946	696244	701209	697133	0.53	cps
Strontium	86-1	159949	159830	161474	160417	0.57	cps
Strontium	88-1	1392281	1385078	1393298	1390219	0.32	cps
Sulfur	34-1	820779	814145	811146	815357	0.60	cps
Terbium	159-1	15744160	15755005	15794970	15764712	0.17	cps
Terbium	159-2	7453400	7551048	7517377	7507275	0.66	cps
Thallium	203-1	200	158	133	164	20.55	cps
Thallium	205-1	375	275	442	364	23.05	cps
Tin	118-1	900	908	1100	970	11.67	cps
Titanium	47-1	367	325	475	389	19.91	cps
Uranium	238-1	13508	13424	13583	13505	0.59	cps
Vanadium	51-2	27	73	77	59	47.47	cps
Yttrium	89-1	11717909	11745829	11816289	11760009	0.43	cps
Yttrium	89-2	1743537	1741211	1759404	1748051	0.57	cps
Zinc	66-2	4251	4181	4124	4185	1.52	cps
Zirconium	90-1	1242	1208	1233	1228	1.41	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-01LX5	Instrumnet Name :	P7
Client Sample ID :	MGA150L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 12:57:05	DataFile Name :	028SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	175	258	200	25.35	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-03	Instrumnet Name :	P7
Client Sample ID :	MGA150S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:00:34	DataFile Name :	029SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	306959	306965	305539	306488	0.27	cps
Antimony	121-1	1855990	1832673	1837411	1842025	0.67	cps
Arsenic	75-2	25291	25474	25367	25377	0.36	cps
Barium	135-1	8935046	8731538	8932420	8866335	1.32	cps
Barium	137-1	15349833	15151240	15465914	15322329	1.04	cps
Beryllium	9-1	144626	140504	139815	141649	1.84	cps
Bismuth	209-1	10696737	10667731	10728510	10697659	0.28	cps
Bismuth	209-2	5943741	5982251	5958660	5961550	0.33	cps
Boron	10-1	43747	43765	43338	43617	0.55	cps
Boron	11-1	226768	224452	226690	225970	0.58	cps
Cadmium	111-1	228459	227566	229109	228378	0.34	cps
Cadmium	106-1	23846	24489	24171	24169	1.33	cps
Cadmium	108-1	14941	14508	14758	14736	1.48	cps
Calcium	43-1	2057371	2027567	2033243	2039394	0.78	cps
Calcium	44-1	33789910	33197089	33442052	33476350	0.89	cps
Chromium	52-2	1058574	1061943	1060104	1060207	0.16	cps
Cobalt	59-2	4401545	4422868	4393101	4405838	0.35	cps
Copper	63-2	1643906	1660140	1655778	1653275	0.51	cps
Dysprosium	156-1	83	125	50	86	43.64	cps
Dysprosium	156-2	30	40	27	32	21.53	cps
Erbium	164-1	125	83	67	92	32.78	cps
Erbium	164-2	43	40	33	39	13.09	cps
Gadolinium	160-1	150	125	92	122	23.95	cps
Gadolinium	160-2	57	47	97	67	39.68	cps
Holmium	165-1	15794096	15710218	15908290	15804201	0.63	cps
Holmium	165-2	7862165	7782286	7781345	7808599	0.59	cps
Indium	115-1	12082362	12142950	12019794	12081702	0.51	cps
Indium	115-2	2242027	2277964	2254544	2258178	0.81	cps
Iron	56-2	4543349	4555863	4523266	4540826	0.36	cps
Iron	57-2	113794	114224	114040	114019	0.19	cps
Lead	206-1	317107	316529	315936	316524	0.18	cps
Lead	207-1	292566	287583	288513	289554	0.92	cps
Lead	208-1	1305995	1294190	1298336	1299507	0.46	cps
Lithium	6-1	1625271	1592219	1621355	1612948	1.12	cps
Magnesium	24-2	10723670	10726660	10560246	10670192	0.89	cps
Manganese	55-2	1485548	1505957	1489852	1493786	0.72	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-03	Instrumnet Name :	P7
Client Sample ID :	MGA150S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:00:34	DataFile Name :	029SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5110	5585	5026	5240	5.75	cps
Molybdenum	95-1	7461	7319	7594	7458	1.84	cps
Molybdenum	96-1	8094	8545	8403	8347	2.76	cps
Molybdenum	97-1	4651	4726	4626	4668	1.12	cps
Molybdenum	98-1	12648	12639	12198	12495	2.06	cps
Neodymium	150-1	640	553	487	560	13.73	cps
Neodymium	150-2	50	50	70	57	20.38	cps
Nickel	60-2	1167333	1172961	1169307	1169867	0.24	cps
Phosphorus	31-2	425	383	425	411	5.85	cps
Potassium	39-2	1016227	1015890	999980	1010699	0.92	cps
Rhodium	103-1	10980777	10828041	10859024	10889281	0.74	cps
Rhodium	103-2	5182551	5249421	5210963	5214312	0.64	cps
Scandium	45-1	7098271	6941756	6888688	6976238	1.56	cps
Scandium	45-2	325506	328222	324288	326005	0.62	cps
Selenium	77-2	1303	1397	1263	1321	5.18	cps
Selenium	78-2	4569	4508	4556	4545	0.71	cps
Selenium	82-1	28592	28329	28149	28357	0.79	cps
Silicon	28-1	34164124	33712529	33794581	33890411	0.71	cps
Silver	109-1	1193994	1191589	1191329	1192304	0.12	cps
Silver	107-1	1238521	1234461	1243863	1238948	0.38	cps
Sodium	23-2	3478239	3485038	3460167	3474481	0.37	cps
Strontium	86-1	844539	845895	846189	845541	0.10	cps
Strontium	88-1	7450671	7498431	7439292	7462798	0.42	cps
Sulfur	34-1	1206300	1191153	1190626	1196026	0.74	cps
Terbium	159-1	15941529	15918204	15873944	15911225	0.22	cps
Terbium	159-2	7565257	7701223	7645374	7637285	0.89	cps
Thallium	203-1	918685	919468	925952	921369	0.43	cps
Thallium	205-1	2207775	2216871	2214586	2213077	0.21	cps
Tin	118-1	1792	1500	1984	1759	13.84	cps
Titanium	47-1	950	1008	1225	1061	13.66	cps
Uranium	238-1	72753	73541	73114	73136	0.54	cps
Vanadium	51-2	2157294	2172959	2161704	2163986	0.37	cps
Yttrium	89-1	12072696	11886176	11972024	11976965	0.78	cps
Yttrium	89-2	1754010	1755286	1756204	1755167	0.06	cps
Zinc	66-2	487684	491289	487096	488690	0.46	cps
Zirconium	90-1	2342	2059	2200	2200	6.44	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-03	Instrumnet Name :	P7
Client Sample ID :	MGA150S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:00:34	DataFile Name :	029SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	550	758	475	594	24.70	cps

LB Number : LB87664 Operator : Jaswal
 Lab Sample ID : I3297-04 Instrumnet Name : P7
 Client Sample ID : MGA151 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-23 13:04:02 DataFile Name : 030SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408	208	283	300	33.68	cps
Antimony	121-1	1358	1342	1600	1433	10.09	cps
Arsenic	75-2	165	220	174	186	15.96	cps
Barium	135-1	213880	212654	210903	212479	0.70	cps
Barium	137-1	369582	368538	367812	368644	0.24	cps
Beryllium	9-1	183	156	144	161	12.43	cps
Bismuth	209-1	11027985	11035934	11087649	11050523	0.29	cps
Bismuth	209-2	5986285	6010693	6033883	6010287	0.40	cps
Boron	10-1	37614	36294	37289	37066	1.86	cps
Boron	11-1	190180	193867	192417	192155	0.97	cps
Cadmium	111-1	3096	3115	3272	3161	3.05	cps
Cadmium	106-1	4359	4334	4576	4423	3.01	cps
Cadmium	108-1	25	33	21	26	24.12	cps
Calcium	43-1	2061400	2029855	2033238	2041498	0.85	cps
Calcium	44-1	33836330	33269513	33494366	33533403	0.85	cps
Chromium	52-2	1533	1540	1493	1522	1.66	cps
Cobalt	59-2	957	907	847	903	6.10	cps
Copper	63-2	37508	37849	37933	37763	0.60	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	10	17	3	10	66.70	cps
Erbium	164-1	92	50	75	72	29.04	cps
Erbium	164-2	17	17	27	20	28.86	cps
Gadolinium	160-1	75	175	133	128	39.31	cps
Gadolinium	160-2	77	67	37	60	34.69	cps
Holmium	165-1	16234861	16059393	16153105	16149119	0.54	cps
Holmium	165-2	7801684	7855446	7912837	7856656	0.71	cps
Indium	115-1	12496882	12399519	12444231	12446877	0.39	cps
Indium	115-2	2285934	2285217	2288147	2286432	0.07	cps
Iron	56-2	55237	55282	55912	55477	0.68	cps
Iron	57-2	2534	2423	2461	2473	2.28	cps
Lead	206-1	5496	5496	5401	5464	1.00	cps
Lead	207-1	4801	4979	4818	4866	2.02	cps
Lead	208-1	21974	22163	22047	22062	0.43	cps
Lithium	6-1	1660881	1666802	1643323	1657002	0.74	cps
Magnesium	24-2	10694931	10598165	10625977	10639691	0.47	cps
Manganese	55-2	6712	6595	6655	6654	0.88	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-04	Instrumnet Name :	P7
Client Sample ID :	MGA151	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:04:02	DataFile Name :	030SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4651	4751	4809	4737	1.69	cps
Molybdenum	95-1	6835	7227	6619	6894	4.48	cps
Molybdenum	96-1	7469	7611	7994	7691	3.53	cps
Molybdenum	97-1	4551	4184	4301	4345	4.31	cps
Molybdenum	98-1	11730	11547	11989	11755	1.89	cps
Neodymium	150-1	60	27	7	31	86.59	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	1120	967	1063	1050	7.38	cps
Phosphorus	31-2	442	317	308	356	21.01	cps
Potassium	39-2	968409	956216	965185	963270	0.66	cps
Rhodium	103-1	11295473	11259857	11290726	11282019	0.17	cps
Rhodium	103-2	5214815	5306852	5237538	5253068	0.91	cps
Scandium	45-1	7180570	7138137	7121587	7146765	0.43	cps
Scandium	45-2	329270	327328	328198	328265	0.30	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	85	126	124	112	20.59	cps
Selenium	82-1	110	-109	236	79	220.62	cps
Silicon	28-1	34185263	34177202	33997943	34120136	0.31	cps
Silver	109-1	5326	5843	5818	5662	5.15	cps
Silver	107-1	5985	6152	6610	6249	5.18	cps
Sodium	23-2	2960262	2960345	2961308	2960638	0.02	cps
Strontium	86-1	828009	826990	818105	824368	0.66	cps
Strontium	88-1	7334267	7376322	7267127	7325906	0.75	cps
Sulfur	34-1	1191900	1193239	1186583	1190574	0.30	cps
Terbium	159-1	16616524	16458564	16401113	16492067	0.68	cps
Terbium	159-2	7735545	7629985	7701771	7689101	0.70	cps
Thallium	203-1	558	600	583	581	3.61	cps
Thallium	205-1	1550	1367	1267	1395	10.31	cps
Tin	118-1	1325	1342	1358	1342	1.24	cps
Titanium	47-1	975	792	800	856	12.10	cps
Uranium	238-1	74270	72871	73911	73684	0.99	cps
Vanadium	51-2	387	473	347	402	16.10	cps
Yttrium	89-1	12258556	12314337	12265482	12279459	0.25	cps
Yttrium	89-2	1753316	1763567	1765819	1760901	0.38	cps
Zinc	66-2	21146	21102	20815	21021	0.85	cps
Zirconium	90-1	1483	1750	1684	1639	8.47	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-04	Instrumnet Name :	P7
Client Sample ID :	MGA151	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:04:02	DataFile Name :	030SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	375	400	392	3.69	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-05	Instrumnet Name :	P7
Client Sample ID :	MGA152	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:28:29	DataFile Name :	031SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108282	104170	104723	105725	2.11	cps
Antimony	121-1	900	1142	1117	1053	12.62	cps
Arsenic	75-2	4399	4562	4516	4492	1.87	cps
Barium	135-1	153952	154102	152378	153477	0.62	cps
Barium	137-1	264414	268560	267482	266818	0.81	cps
Beryllium	9-1	24826	24798	24927	24850	0.27	cps
Bismuth	209-1	10614240	10668650	10695634	10659508	0.39	cps
Bismuth	209-2	5909804	5917050	5909748	5912201	0.07	cps
Boron	10-1	733	683	550	656	14.46	cps
Boron	11-1	3075	3059	3267	3134	3.70	cps
Cadmium	111-1	39214	39117	39745	39359	0.86	cps
Cadmium	106-1	6994	6844	7402	7080	4.08	cps
Cadmium	108-1	2421	2421	2363	2402	1.40	cps
Calcium	43-1	11647	12272	11872	11930	2.66	cps
Calcium	44-1	197799	199182	198497	198493	0.35	cps
Chromium	52-2	76172	75998	76440	76203	0.29	cps
Cobalt	59-2	119790	118762	118631	119061	0.53	cps
Copper	63-2	2284	2250	2357	2297	2.38	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	13	10	0	8	89.21	cps
Erbium	164-1	25	42	83	50	60.09	cps
Erbium	164-2	23	10	23	19	40.75	cps
Gadolinium	160-1	167	183	133	161	15.80	cps
Gadolinium	160-2	40	63	50	51	22.90	cps
Holmium	165-1	15007364	15229090	15049636	15095364	0.78	cps
Holmium	165-2	7536916	7486002	7406553	7476491	0.88	cps
Indium	115-1	11681926	11698138	11712641	11697568	0.13	cps
Indium	115-2	2184848	2188495	2214490	2195944	0.74	cps
Iron	56-2	1912732	1903577	1904257	1906855	0.27	cps
Iron	57-2	47366	47283	48152	47600	1.01	cps
Lead	206-1	165932	168666	167975	167524	0.85	cps
Lead	207-1	148104	148189	148121	148138	0.03	cps
Lead	208-1	672024	677328	676990	675447	0.44	cps
Lithium	6-1	1511205	1533124	1537831	1527387	0.93	cps
Magnesium	24-2	207211	203928	203116	204751	1.06	cps
Manganese	55-2	24053	24587	24307	24316	1.10	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-05	Instrumnet Name :	P7
Client Sample ID :	MGA152	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:28:29	DataFile Name :	031SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	583	600	531	20.01	cps
Molybdenum	95-1	158	250	225	211	22.45	cps
Molybdenum	96-1	283	508	442	411	28.11	cps
Molybdenum	97-1	150	183	292	208	35.55	cps
Molybdenum	98-1	275	383	608	422	40.27	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	24060	23913	24077	24017	0.37	cps
Phosphorus	31-2	300	342	450	364	21.28	cps
Potassium	39-2	311654	306345	308118	308706	0.88	cps
Rhodium	103-1	10617857	10708480	10695143	10673827	0.46	cps
Rhodium	103-2	5073757	5059225	5095893	5076291	0.36	cps
Scandium	45-1	6592134	6620635	6581987	6598252	0.30	cps
Scandium	45-2	312259	312132	311954	312115	0.05	cps
Selenium	77-2	153	153	200	169	15.95	cps
Selenium	78-2	663	683	683	677	1.74	cps
Selenium	82-1	3717	3484	3660	3620	3.36	cps
Silicon	28-1	406826	414212	411594	410877	0.91	cps
Silver	109-1	152438	151327	153314	152360	0.65	cps
Silver	107-1	155621	157822	158165	157203	0.88	cps
Sodium	23-2	375411	376451	378603	376822	0.43	cps
Strontium	86-1	1975	2267	1867	2036	10.16	cps
Strontium	88-1	1634	1959	1700	1764	9.73	cps
Sulfur	34-1	713590	708846	704885	709107	0.61	cps
Terbium	159-1	15397531	15472256	15402191	15423992	0.27	cps
Terbium	159-2	7386625	7350350	7295179	7344052	0.63	cps
Thallium	203-1	306876	309807	306065	307582	0.64	cps
Thallium	205-1	741804	739678	741218	740900	0.15	cps
Tin	118-1	825	925	1025	925	10.81	cps
Titanium	47-1	250	233	225	236	5.39	cps
Uranium	238-1	133	150	150	144	6.66	cps
Vanadium	51-2	22641	23612	22594	22949	2.50	cps
Yttrium	89-1	11426150	11439916	11475267	11447111	0.22	cps
Yttrium	89-2	1686607	1681649	1677883	1682046	0.26	cps
Zinc	66-2	14578	14301	14337	14405	1.04	cps
Zirconium	90-1	925	992	992	970	3.97	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3297-05	Instrumnet Name :	P7
Client Sample ID :	MGA152	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:28:29	DataFile Name :	031SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	117	267	192	39.13	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01	Instrumnet Name :	P7
Client Sample ID :	MBDCM6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:31:59	DataFile Name :	032SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3851	4184	4292	4109	5.60	cps
Antimony	121-1	1917	2225	2467	2203	12.51	cps
Arsenic	75-2	93	115	107	105	10.79	cps
Barium	135-1	447716	441536	438537	442596	1.06	cps
Barium	137-1	780753	766173	764598	770508	1.16	cps
Beryllium	9-1	394	494	350	413	17.92	cps
Bismuth	209-1	10999984	10892389	11025535	10972636	0.64	cps
Bismuth	209-2	6021448	5998141	5993856	6004482	0.25	cps
Boron	10-1	7594	7502	8052	7716	3.82	cps
Boron	11-1	38525	40004	39311	39280	1.88	cps
Cadmium	111-1	5234	5306	5086	5209	2.15	cps
Cadmium	106-1	4384	4684	4451	4506	3.50	cps
Cadmium	108-1	146	158	150	151	4.20	cps
Calcium	43-1	890318	879751	878588	882886	0.73	cps
Calcium	44-1	14565981	14363110	14382562	14437218	0.78	cps
Chromium	52-2	165490	164472	164987	164983	0.31	cps
Cobalt	59-2	250017	251448	250210	250558	0.31	cps
Copper	63-2	144770	144428	145205	144801	0.27	cps
Dysprosium	156-1	10079	9746	9629	9818	2.38	cps
Dysprosium	156-2	4758	4748	5088	4864	3.98	cps
Erbium	164-1	9762	9020	8928	9237	4.95	cps
Erbium	164-2	4397	4201	4364	4321	2.44	cps
Gadolinium	160-1	11180	10054	10421	10552	5.44	cps
Gadolinium	160-2	5828	5565	5628	5673	2.42	cps
Holmium	165-1	16378578	15983214	15849748	16070514	1.71	cps
Holmium	165-2	7837759	7796453	7814940	7816384	0.26	cps
Indium	115-1	12319612	12098863	12075859	12164778	1.11	cps
Indium	115-2	2282763	2267988	2282745	2277832	0.37	cps
Iron	56-2	351711	356017	352232	353320	0.67	cps
Iron	57-2	9548	9175	9286	9337	2.05	cps
Lead	206-1	1945	1789	1795	1843	4.79	cps
Lead	207-1	1683	1556	1439	1559	7.84	cps
Lead	208-1	7784	6934	6718	7145	7.89	cps
Lithium	6-1	1615846	1607390	1613712	1612316	0.27	cps
Magnesium	24-2	2766061	2750212	2735376	2750550	0.56	cps
Manganese	55-2	18904906	19114628	18894265	18971266	0.66	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01	Instrumnet Name :	P7
Client Sample ID :	MBDCM6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:31:59	DataFile Name :	032SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2084	2109	2092	2095	0.61	cps
Molybdenum	95-1	3334	3509	3467	3437	2.66	cps
Molybdenum	96-1	3359	3242	3217	3273	2.31	cps
Molybdenum	97-1	1892	2042	1817	1917	5.98	cps
Molybdenum	98-1	4951	5193	5393	5179	4.27	cps
Neodymium	150-1	12333	11912	11925	12057	1.98	cps
Neodymium	150-2	4684	4721	4588	4664	1.48	cps
Nickel	60-2	2060010	2054555	2065755	2060107	0.27	cps
Phosphorus	31-2	300	358	308	322	9.79	cps
Potassium	39-2	530045	530689	530442	530392	0.06	cps
Rhodium	103-1	10959133	10928901	10864837	10917624	0.44	cps
Rhodium	103-2	5164526	5148601	5143449	5152192	0.21	cps
Scandium	45-1	7003771	6989292	7002404	6998489	0.11	cps
Scandium	45-2	326805	324724	324561	325364	0.38	cps
Selenium	77-2	17	20	7	14	48.02	cps
Selenium	78-2	81	106	119	102	18.45	cps
Selenium	82-1	-11	102	-11	27	242.38	cps
Silicon	28-1	24775821	24444181	24357768	24525923	0.90	cps
Silver	109-1	3342	3859	4159	3787	10.91	cps
Silver	107-1	3759	3334	4326	3806	13.08	cps
Sodium	23-2	114478803	114012915	113545194	114012304	0.41	cps
Strontium	86-1	678668	668673	669524	672288	0.82	cps
Strontium	88-1	5944646	5911650	5924702	5926999	0.28	cps
Sulfur	34-1	1147840	1146090	1142534	1145488	0.24	cps
Terbium	159-1	16384818	16359324	16282563	16342235	0.33	cps
Terbium	159-2	7670467	7642149	7532295	7614970	0.96	cps
Thallium	203-1	900	575	717	731	22.31	cps
Thallium	205-1	1909	1817	1809	1845	3.01	cps
Tin	118-1	1658	1500	1500	1553	5.89	cps
Titanium	47-1	692	675	517	628	15.39	cps
Uranium	238-1	258	217	308	261	17.58	cps
Vanadium	51-2	247	300	247	264	11.65	cps
Yttrium	89-1	12687359	12462204	12361210	12503591	1.34	cps
Yttrium	89-2	1803956	1797042	1798973	1799990	0.20	cps
Zinc	66-2	17921	17874	17494	17763	1.32	cps
Zirconium	90-1	992	1100	1092	1061	5.68	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01	Instrumnet Name :	P7
Client Sample ID :	MBDCM6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:31:59	DataFile Name :	032SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	225	250	236	5.39	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-02	Instrumnet Name :	P7
Client Sample ID :	MBDCM6D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:35:30	DataFile Name :	033SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4092	4234	4743	4357	7.85	cps
Antimony	121-1	1775	2025	2059	1953	7.93	cps
Arsenic	75-2	117	70	96	94	24.57	cps
Barium	135-1	442088	439839	435133	439020	0.81	cps
Barium	137-1	771747	759932	757118	762932	1.02	cps
Beryllium	9-1	372	261	400	344	21.34	cps
Bismuth	209-1	10972999	10766580	10827751	10855777	0.98	cps
Bismuth	209-2	5851128	5948102	5946556	5915262	0.94	cps
Boron	10-1	7494	7519	7327	7447	1.40	cps
Boron	11-1	39319	37815	38984	38706	2.04	cps
Cadmium	111-1	5229	4954	4833	5005	4.05	cps
Cadmium	106-1	4618	4351	4351	4440	3.47	cps
Cadmium	108-1	154	138	167	153	9.58	cps
Calcium	43-1	876423	859282	861838	865848	1.07	cps
Calcium	44-1	14326251	14157882	14208761	14230965	0.61	cps
Chromium	52-2	162245	163022	164250	163172	0.62	cps
Cobalt	59-2	248570	248587	249587	248915	0.23	cps
Copper	63-2	145013	143671	143856	144180	0.50	cps
Dysprosium	156-1	9846	10254	9520	9873	3.73	cps
Dysprosium	156-2	4924	4704	4714	4781	2.60	cps
Erbium	164-1	8445	9045	8770	8753	3.43	cps
Erbium	164-2	4537	4121	4177	4279	5.28	cps
Gadolinium	160-1	11180	10688	10096	10655	5.09	cps
Gadolinium	160-2	5795	5631	5741	5722	1.46	cps
Holmium	165-1	15774936	15890349	15775422	15813569	0.42	cps
Holmium	165-2	7689115	7719417	7751489	7720007	0.40	cps
Indium	115-1	12063048	12024168	12065529	12050915	0.19	cps
Indium	115-2	2241870	2255059	2246103	2247677	0.30	cps
Iron	56-2	349437	349078	349585	349366	0.07	cps
Iron	57-2	9531	9292	9431	9418	1.27	cps
Lead	206-1	1845	1934	1745	1841	5.13	cps
Lead	207-1	1556	1539	1750	1615	7.27	cps
Lead	208-1	7323	7590	7468	7460	1.79	cps
Lithium	6-1	1593524	1584467	1611156	1596382	0.85	cps
Magnesium	24-2	2730601	2740680	2736587	2735956	0.19	cps
Manganese	55-2	18951438	18732106	18871178	18851574	0.59	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-02	Instrumnet Name :	P7
Client Sample ID :	MBDCM6D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:35:30	DataFile Name :	033SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2887	2000	1959	2282	22.99	cps
Molybdenum	95-1	3592	3217	3267	3359	6.06	cps
Molybdenum	96-1	3134	3334	3234	3234	3.09	cps
Molybdenum	97-1	1975	2125	1942	2014	4.85	cps
Molybdenum	98-1	4684	5193	4893	4923	5.19	cps
Neodymium	150-1	11926	11552	11772	11750	1.60	cps
Neodymium	150-2	4407	4651	4754	4604	3.87	cps
Nickel	60-2	2043228	2048143	2033046	2041472	0.38	cps
Phosphorus	31-2	425	383	358	389	8.66	cps
Potassium	39-2	523491	523727	526897	524705	0.36	cps
Rhodium	103-1	10859254	10799562	10799208	10819341	0.32	cps
Rhodium	103-2	5090378	5129934	5091139	5103817	0.44	cps
Scandium	45-1	6961354	6799654	6803025	6854678	1.35	cps
Scandium	45-2	322754	320421	320150	321108	0.45	cps
Selenium	77-2	10	13	10	11	17.30	cps
Selenium	78-2	104	117	106	109	6.45	cps
Selenium	82-1	128	174	125	142	19.63	cps
Silicon	28-1	24252630	23916671	23841065	24003455	0.91	cps
Silver	109-1	4134	4734	4984	4618	9.46	cps
Silver	107-1	4526	4701	5118	4782	6.36	cps
Sodium	23-2	113848594	112821198	113744848	113471547	0.50	cps
Strontium	86-1	672576	662344	658503	664474	1.09	cps
Strontium	88-1	5875066	5798008	5844152	5839075	0.66	cps
Sulfur	34-1	1132602	1123138	1117553	1124431	0.68	cps
Terbium	159-1	16292241	15799454	15872021	15987905	1.66	cps
Terbium	159-2	7535329	7538061	7491554	7521648	0.35	cps
Thallium	203-1	617	592	692	633	8.22	cps
Thallium	205-1	1675	1550	1392	1539	9.23	cps
Tin	118-1	1333	1358	1225	1306	5.43	cps
Titanium	47-1	575	567	617	586	4.57	cps
Uranium	238-1	250	167	183	200	22.05	cps
Vanadium	51-2	237	273	210	240	13.25	cps
Yttrium	89-1	12350213	12108466	12285543	12248074	1.02	cps
Yttrium	89-2	1778176	1780390	1782775	1780447	0.13	cps
Zinc	66-2	17794	17731	17724	17750	0.22	cps
Zirconium	90-1	1017	1033	1108	1053	4.64	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-02	Instrumnet Name :	P7
Client Sample ID :	MBDCM6D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:35:30	DataFile Name :	033SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	350	200	239	40.88	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDCM6L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 13:39:00	DataFile Name :	034SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	767	975	992	911	13.76	cps
Antimony	121-1	658	683	533	625	12.86	cps
Arsenic	75-2	28	31	43	34	22.70	cps
Barium	135-1	83953	85160	82755	83956	1.43	cps
Barium	137-1	146297	146870	143686	145617	1.17	cps
Beryllium	9-1	211	172	206	196	10.71	cps
Bismuth	209-1	10833202	10809194	10639301	10760566	0.98	cps
Bismuth	209-2	5910430	5936557	5863361	5903449	0.63	cps
Boron	10-1	2125	2042	2200	2122	3.73	cps
Boron	11-1	10446	10596	10212	10418	1.86	cps
Cadmium	111-1	2971	3330	3336	3212	6.50	cps
Cadmium	106-1	3767	4192	4209	4056	6.17	cps
Cadmium	108-1	17	25	63	35	70.31	cps
Calcium	43-1	167102	165272	166007	166127	0.55	cps
Calcium	44-1	2731829	2709616	2680679	2707375	0.95	cps
Chromium	52-2	31734	32322	32630	32229	1.41	cps
Cobalt	59-2	48135	48978	48517	48543	0.87	cps
Copper	63-2	31678	31324	31233	31412	0.75	cps
Dysprosium	156-1	1875	2125	1742	1914	10.17	cps
Dysprosium	156-2	873	920	973	922	5.43	cps
Erbium	164-1	1534	1567	1525	1542	1.43	cps
Erbium	164-2	667	887	807	787	14.16	cps
Gadolinium	160-1	2025	2150	2184	2120	3.94	cps
Gadolinium	160-2	1133	1113	1063	1103	3.27	cps
Holmium	165-1	15407866	15464454	15171575	15347965	1.01	cps
Holmium	165-2	7563400	7580422	7449988	7531270	0.94	cps
Indium	115-1	11797378	11807750	11795154	11800094	0.06	cps
Indium	115-2	2209495	2209830	2231338	2216888	0.56	cps
Iron	56-2	70413	72613	71552	71526	1.54	cps
Iron	57-2	1956	1845	1739	1846	5.87	cps
Lead	206-1	1378	1239	1206	1274	7.17	cps
Lead	207-1	1172	1228	1128	1176	4.26	cps
Lead	208-1	5540	5373	5162	5358	3.53	cps
Lithium	6-1	1564910	1552699	1545418	1554342	0.63	cps
Magnesium	24-2	520001	520261	522481	520914	0.26	cps
Manganese	55-2	3602164	3621268	3629294	3617575	0.39	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDCM6L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 13:39:00	DataFile Name :	034SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	708	600	608	639	9.44	cps
Molybdenum	95-1	817	725	800	781	6.26	cps
Molybdenum	96-1	942	783	1008	911	12.68	cps
Molybdenum	97-1	383	500	533	472	16.68	cps
Molybdenum	98-1	1108	1283	1392	1261	11.34	cps
Neodymium	150-1	2280	2287	2160	2242	3.18	cps
Neodymium	150-2	913	833	847	864	4.96	cps
Nickel	60-2	396664	401852	401090	399868	0.70	cps
Phosphorus	31-2	458	450	300	403	22.12	cps
Potassium	39-2	138415	136060	138532	137669	1.01	cps
Rhodium	103-1	10662198	10747113	10707833	10705715	0.40	cps
Rhodium	103-2	5089679	5119453	5126946	5112026	0.39	cps
Scandium	45-1	6687646	6716353	6667011	6690337	0.37	cps
Scandium	45-2	312390	313008	318285	314561	1.03	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	89	72	87	83	11.05	cps
Selenium	82-1	61	100	78	80	24.88	cps
Silicon	28-1	4951997	4915824	4871305	4913042	0.82	cps
Silver	109-1	1750	1750	1433	1645	11.12	cps
Silver	107-1	1709	1558	1634	1633	4.59	cps
Sodium	23-2	21948627	21881993	21868281	21899634	0.20	cps
Strontium	86-1	129361	128537	127428	128442	0.76	cps
Strontium	88-1	1123174	1103971	1100925	1109357	1.09	cps
Sulfur	34-1	766007	755273	757083	759454	0.76	cps
Terbium	159-1	15612318	15822779	15532265	15655787	0.96	cps
Terbium	159-2	7381592	7334998	7325707	7347433	0.41	cps
Thallium	203-1	158	250	183	197	24.03	cps
Thallium	205-1	525	575	600	567	6.74	cps
Tin	118-1	875	867	817	853	3.70	cps
Titanium	47-1	158	200	200	186	12.93	cps
Uranium	238-1	50	83	167	100	60.09	cps
Vanadium	51-2	57	73	77	69	15.55	cps
Yttrium	89-1	11726574	11674426	11615167	11672056	0.48	cps
Yttrium	89-2	1692430	1713356	1711898	1705894	0.68	cps
Zinc	66-2	3487	3737	3587	3604	3.49	cps
Zirconium	90-1	850	1017	925	931	8.97	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDCM6L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 13:39:00	DataFile Name :	034SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	150	250	200	25.00	cps

LB Number : LB87664 Operator : Jaswal
 Lab Sample ID : I3179-03 Instrumnet Name : P7
 Client Sample ID : MBDCM6S Dilution Factor : 1
 Date & Time Acquired :: 2017-05-23 13:42:30 DataFile Name : 035SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300411	295126	300038	298525	0.99	cps
Antimony	121-1	1826529	1828701	1827245	1827492	0.06	cps
Arsenic	75-2	24701	24465	24153	24440	1.12	cps
Barium	135-1	8944177	8986614	8912849	8947880	0.41	cps
Barium	137-1	15433199	15670863	15285502	15463188	1.26	cps
Beryllium	9-1	137456	136694	133604	135918	1.50	cps
Bismuth	209-1	10943577	10909035	10917058	10923223	0.17	cps
Bismuth	209-2	5945418	5900287	5939532	5928412	0.41	cps
Boron	10-1	7827	7769	7502	7699	2.25	cps
Boron	11-1	39010	40480	39034	39508	2.13	cps
Cadmium	111-1	226033	224613	223118	224588	0.65	cps
Cadmium	106-1	24313	23545	23387	23748	2.09	cps
Cadmium	108-1	14349	14366	14212	14309	0.59	cps
Calcium	43-1	876733	880029	868978	875247	0.65	cps
Calcium	44-1	14468764	14449977	14328402	14415715	0.53	cps
Chromium	52-2	1192970	1179130	1181956	1184685	0.62	cps
Cobalt	59-2	4504402	4485153	4512958	4500838	0.32	cps
Copper	63-2	1712110	1708046	1701006	1707054	0.33	cps
Dysprosium	156-1	10371	10546	9846	10254	3.56	cps
Dysprosium	156-2	5008	4951	4864	4941	1.46	cps
Erbium	164-1	9620	8745	9245	9203	4.77	cps
Erbium	164-2	4351	4334	4141	4275	2.73	cps
Gadolinium	160-1	11188	10480	9996	10555	5.68	cps
Gadolinium	160-2	5565	5765	5955	5761	3.39	cps
Holmium	165-1	16111284	16099790	15870557	16027210	0.85	cps
Holmium	165-2	7834556	7663884	7805280	7767907	1.17	cps
Indium	115-1	12185681	12031086	12069297	12095355	0.67	cps
Indium	115-2	2247056	2233797	2248390	2243081	0.36	cps
Iron	56-2	4653623	4590428	4591125	4611725	0.79	cps
Iron	57-2	114751	114111	113027	113963	0.77	cps
Lead	206-1	295333	299146	295872	296783	0.70	cps
Lead	207-1	268998	274172	269802	270991	1.03	cps
Lead	208-1	1211511	1224028	1212353	1215964	0.58	cps
Lithium	6-1	1621440	1606592	1592104	1606712	0.91	cps
Magnesium	24-2	2763150	2733804	2754239	2750398	0.55	cps
Manganese	55-2	20812921	20280723	20289551	20461065	1.49	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-03	Instrumnet Name :	P7
Client Sample ID :	MBDCM6S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:42:30	DataFile Name :	035SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2509	2392	2684	2528	5.81	cps
Molybdenum	95-1	3667	3867	3851	3795	2.92	cps
Molybdenum	96-1	3509	3576	4026	3703	7.59	cps
Molybdenum	97-1	2159	2117	2275	2184	3.76	cps
Molybdenum	98-1	5735	5418	5526	5560	2.90	cps
Neodymium	150-1	12486	12813	12493	12597	1.48	cps
Neodymium	150-2	4664	4568	4624	4619	1.05	cps
Nickel	60-2	3209114	3210248	3189106	3202822	0.37	cps
Phosphorus	31-2	425	342	367	378	11.32	cps
Potassium	39-2	532202	526687	527172	528687	0.58	cps
Rhodium	103-1	10902749	10897615	10791328	10863898	0.58	cps
Rhodium	103-2	5115823	5109263	5128375	5117820	0.19	cps
Scandium	45-1	6933780	6929870	6773149	6878933	1.33	cps
Scandium	45-2	327018	321224	323659	323967	0.90	cps
Selenium	77-2	1260	1240	1490	1330	10.45	cps
Selenium	78-2	4427	4308	4317	4351	1.52	cps
Selenium	82-1	27848	27115	27487	27483	1.33	cps
Silicon	28-1	24569365	24563566	24179844	24437592	0.91	cps
Silver	109-1	1152928	1144564	1148177	1148556	0.37	cps
Silver	107-1	1198329	1203998	1184118	1195482	0.86	cps
Sodium	23-2	115089378	113194044	113734794	114006072	0.86	cps
Strontium	86-1	677758	674128	667796	673227	0.75	cps
Strontium	88-1	6014108	5930641	5826936	5923895	1.58	cps
Sulfur	34-1	1118145	1110108	1100581	1109611	0.79	cps
Terbium	159-1	16400024	16355064	16095750	16283613	1.01	cps
Terbium	159-2	7636557	7584681	7532514	7584584	0.69	cps
Thallium	203-1	914891	913498	900159	909516	0.89	cps
Thallium	205-1	2193568	2206486	2163318	2187791	1.01	cps
Tin	118-1	1392	1700	1684	1592	10.90	cps
Titanium	47-1	592	1605	542	913	65.74	cps
Uranium	238-1	200	308	225	244	23.20	cps
Vanadium	51-2	2113229	2089309	2096246	2099595	0.59	cps
Yttrium	89-1	12567170	12322614	12197131	12362305	1.52	cps
Yttrium	89-2	1796836	1784447	1789441	1790241	0.35	cps
Zinc	66-2	468997	466328	467709	467678	0.29	cps
Zirconium	90-1	1317	1784	1634	1578	15.10	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-03	Instrumnet Name :	P7
Client Sample ID :	MBDCM6S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 13:42:30	DataFile Name :	035SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	408	533	400	447	16.70	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:46:01	DataFile Name :	036SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	192	333	275	26.93	cps
Antimony	121-1	725	658	733	706	5.83	cps
Arsenic	75-2	46	39	41	42	9.19	cps
Barium	135-1	21793	21125	21643	21520	1.63	cps
Barium	137-1	37627	36841	37059	37176	1.09	cps
Beryllium	9-1	133	161	100	131	23.27	cps
Bismuth	209-1	10725828	10653265	10739289	10706127	0.43	cps
Bismuth	209-2	5906852	5831149	5854014	5864005	0.66	cps
Boron	10-1	1000	950	1050	1000	5.00	cps
Boron	11-1	5335	5051	5526	5304	4.51	cps
Cadmium	111-1	2767	3330	2961	3019	9.47	cps
Cadmium	106-1	3809	4551	4117	4159	8.96	cps
Cadmium	108-1	17	8	25	17	50.01	cps
Calcium	43-1	41484	41726	41024	41412	0.86	cps
Calcium	44-1	692266	685728	693461	690485	0.60	cps
Chromium	52-2	9330	9457	8940	9242	2.92	cps
Cobalt	59-2	12602	12045	12162	12270	2.39	cps
Copper	63-2	11571	10968	11131	11223	2.78	cps
Dysprosium	156-1	483	550	492	508	7.15	cps
Dysprosium	156-2	180	223	310	238	27.84	cps
Erbium	164-1	533	467	550	517	8.54	cps
Erbium	164-2	243	223	200	222	9.76	cps
Gadolinium	160-1	700	683	683	689	1.40	cps
Gadolinium	160-2	327	293	277	299	8.52	cps
Holmium	165-1	15212809	15206316	15225567	15214897	0.06	cps
Holmium	165-2	7453410	7423809	7446002	7441074	0.21	cps
Indium	115-1	11820108	11676895	11671880	11722961	0.72	cps
Indium	115-2	2232474	2187800	2194598	2204957	1.09	cps
Iron	56-2	23269	22980	24415	23555	3.22	cps
Iron	57-2	633	672	678	661	3.66	cps
Lead	206-1	1550	1350	1395	1432	7.34	cps
Lead	207-1	1411	1300	1178	1296	9.00	cps
Lead	208-1	5823	5545	5751	5706	2.53	cps
Lithium	6-1	1547730	1533906	1552295	1544644	0.62	cps
Magnesium	24-2	131548	129421	130329	130433	0.82	cps
Manganese	55-2	919175	905178	907529	910628	0.82	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:46:01	DataFile Name :	036SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	400	500	425	15.56	cps
Molybdenum	95-1	300	267	400	322	21.53	cps
Molybdenum	96-1	325	492	383	400	21.14	cps
Molybdenum	97-1	283	200	258	247	17.30	cps
Molybdenum	98-1	475	525	567	522	8.79	cps
Neodymium	150-1	620	567	587	591	4.56	cps
Neodymium	150-2	233	240	190	221	12.28	cps
Nickel	60-2	101358	100689	101914	101321	0.61	cps
Phosphorus	31-2	375	358	317	350	8.59	cps
Potassium	39-2	69363	68617	68592	68857	0.64	cps
Rhodium	103-1	10619182	10747624	10755513	10707440	0.71	cps
Rhodium	103-2	5120970	5028524	5068175	5072556	0.91	cps
Scandium	45-1	6495704	6566954	6596871	6553176	0.79	cps
Scandium	45-2	313617	308617	310659	310964	0.81	cps
Selenium	77-2	3	13	10	9	57.30	cps
Selenium	78-2	133	106	117	119	11.80	cps
Selenium	82-1	-18	61	-104	-20	-403.61	cps
Silicon	28-1	1800224	1796849	1796902	1797992	0.11	cps
Silver	109-1	1392	1217	1142	1250	10.26	cps
Silver	107-1	1342	1350	1183	1292	7.27	cps
Sodium	23-2	5598450	5490499	5507568	5532172	1.05	cps
Strontium	86-1	33933	33883	33657	33824	0.43	cps
Strontium	88-1	279861	276593	277688	278047	0.60	cps
Sulfur	34-1	673245	672845	674917	673669	0.16	cps
Terbium	159-1	15481355	15625354	15635198	15580636	0.55	cps
Terbium	159-2	7377952	7270852	7368783	7339196	0.81	cps
Thallium	203-1	658	375	617	550	27.81	cps
Thallium	205-1	1350	1333	1183	1289	7.12	cps
Tin	118-1	817	792	883	831	5.71	cps
Titanium	47-1	225	258	200	228	12.85	cps
Uranium	238-1	67	100	83	83	20.00	cps
Vanadium	51-2	187	127	117	143	26.41	cps
Yttrium	89-1	11519682	11572782	11669151	11587205	0.65	cps
Yttrium	89-2	1689386	1669012	1678814	1679071	0.61	cps
Zinc	66-2	877	1000	967	948	6.73	cps
Zirconium	90-1	692	792	933	806	15.07	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:46:01	DataFile Name :	036SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	142	192	167	15.00	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6D	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:49:32	DataFile Name :	037SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	258	275	289	13.63	cps
Antimony	121-1	533	408	583	508	17.73	cps
Arsenic	75-2	13	35	31	27	44.87	cps
Barium	135-1	20541	20633	20324	20499	0.77	cps
Barium	137-1	36716	36248	35588	36184	1.57	cps
Beryllium	9-1	128	89	106	107	18.16	cps
Bismuth	209-1	10696406	10726256	10763346	10728669	0.31	cps
Bismuth	209-2	5852272	5897319	5868275	5872622	0.39	cps
Boron	10-1	942	708	942	864	15.59	cps
Boron	11-1	4276	4701	4284	4420	5.50	cps
Cadmium	111-1	2734	2939	3010	2894	4.95	cps
Cadmium	106-1	3792	4134	4151	4026	5.03	cps
Cadmium	108-1	29	25	29	28	8.67	cps
Calcium	43-1	42295	41827	41810	41977	0.66	cps
Calcium	44-1	687561	682662	679808	683343	0.57	cps
Chromium	52-2	9256	9026	9276	9186	1.51	cps
Cobalt	59-2	11865	12145	12195	12068	1.47	cps
Copper	63-2	9603	9980	10074	9886	2.52	cps
Dysprosium	156-1	425	650	525	533	21.14	cps
Dysprosium	156-2	227	210	310	249	21.53	cps
Erbium	164-1	358	500	408	422	17.02	cps
Erbium	164-2	280	267	283	277	3.19	cps
Gadolinium	160-1	425	617	450	497	20.96	cps
Gadolinium	160-2	307	320	357	328	7.90	cps
Holmium	165-1	15196561	15205628	15073561	15158583	0.49	cps
Holmium	165-2	7486242	7456746	7461517	7468168	0.21	cps
Indium	115-1	11759608	11759116	11594655	11704460	0.81	cps
Indium	115-2	2204987	2197206	2206438	2202877	0.23	cps
Iron	56-2	22301	22724	21889	22304	1.87	cps
Iron	57-2	600	606	617	607	1.40	cps
Lead	206-1	1389	1545	1472	1469	5.30	cps
Lead	207-1	1445	1295	1356	1365	5.53	cps
Lead	208-1	6056	6084	6006	6049	0.65	cps
Lithium	6-1	1530545	1552615	1531467	1538209	0.81	cps
Magnesium	24-2	132919	131590	132035	132181	0.51	cps
Manganese	55-2	901645	908322	908243	906070	0.42	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6D	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:49:32	DataFile Name :	037SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	350	583	475	469	24.87	cps
Molybdenum	95-1	267	275	442	328	30.12	cps
Molybdenum	96-1	375	275	500	383	29.41	cps
Molybdenum	97-1	225	283	275	261	12.08	cps
Molybdenum	98-1	292	433	500	408	26.06	cps
Neodymium	150-1	440	647	680	589	22.08	cps
Neodymium	150-2	203	230	230	221	6.96	cps
Nickel	60-2	100723	100988	101290	101000	0.28	cps
Phosphorus	31-2	358	308	342	336	7.58	cps
Potassium	39-2	69162	68844	69731	69246	0.65	cps
Rhodium	103-1	10775612	10677507	10799990	10751036	0.60	cps
Rhodium	103-2	5082104	5107945	5108597	5099549	0.30	cps
Scandium	45-1	6597128	6610964	6555672	6587921	0.44	cps
Scandium	45-2	312856	310720	315021	312865	0.69	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	104	91	100	98	6.81	cps
Selenium	82-1	-32	65	-62	-10	-698.63	cps
Silicon	28-1	1785702	1781788	1774252	1780581	0.33	cps
Silver	109-1	683	650	592	642	7.23	cps
Silver	107-1	708	775	675	719	7.08	cps
Sodium	23-2	5516767	5481956	5484828	5494517	0.35	cps
Strontium	86-1	35144	33741	34367	34417	2.04	cps
Strontium	88-1	275769	276260	274292	275440	0.37	cps
Sulfur	34-1	690875	685185	684227	686762	0.52	cps
Terbium	159-1	15406084	15420166	15372114	15399455	0.16	cps
Terbium	159-2	7336375	7210100	7285096	7277190	0.87	cps
Thallium	203-1	317	208	250	258	21.16	cps
Thallium	205-1	492	517	533	514	4.08	cps
Tin	118-1	808	783	1000	864	13.72	cps
Titanium	47-1	183	233	192	203	13.21	cps
Uranium	238-1	58	92	67	72	24.02	cps
Vanadium	51-2	40	87	77	68	36.25	cps
Yttrium	89-1	11423109	11479736	11417951	11440265	0.30	cps
Yttrium	89-2	1681283	1689172	1696537	1688998	0.45	cps
Zinc	66-2	923	847	917	896	4.74	cps
Zirconium	90-1	675	833	808	772	11.02	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6D	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:49:32	DataFile Name :	037SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	175	158	158	10.53	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6S	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:53:03	DataFile Name :	038SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14816	14216	14199	14410	2.44	cps
Antimony	121-1	86248	86693	85828	86256	0.50	cps
Arsenic	75-2	1169	1189	1250	1203	3.53	cps
Barium	135-1	414151	413617	416545	414771	0.38	cps
Barium	137-1	712228	720375	718309	716970	0.59	cps
Beryllium	9-1	6557	6652	6452	6553	1.53	cps
Bismuth	209-1	10552983	10588248	10459242	10533491	0.63	cps
Bismuth	209-2	5788568	5858180	5751236	5799328	0.94	cps
Boron	10-1	767	717	767	750	3.85	cps
Boron	11-1	3867	4301	4276	4148	5.87	cps
Cadmium	111-1	13140	13439	13601	13393	1.75	cps
Cadmium	106-1	4634	4926	5159	4907	5.36	cps
Cadmium	108-1	708	608	688	668	7.90	cps
Calcium	43-1	41568	41576	41592	41579	0.03	cps
Calcium	44-1	683430	692677	681820	685976	0.85	cps
Chromium	52-2	57542	57545	58352	57813	0.81	cps
Cobalt	59-2	216925	219563	217302	217930	0.65	cps
Copper	63-2	85713	85967	86420	86033	0.42	cps
Dysprosium	156-1	575	517	425	506	14.96	cps
Dysprosium	156-2	287	227	220	244	15.02	cps
Erbium	164-1	475	417	450	447	6.54	cps
Erbium	164-2	180	210	260	217	18.65	cps
Gadolinium	160-1	667	475	575	572	16.75	cps
Gadolinium	160-2	257	363	307	309	17.28	cps
Holmium	165-1	15066798	14915018	14846427	14942748	0.75	cps
Holmium	165-2	7422290	7452580	7306338	7393736	1.04	cps
Indium	115-1	11429127	11516769	11497593	11481163	0.40	cps
Indium	115-2	2190248	2173064	2183257	2182190	0.40	cps
Iron	56-2	227446	231041	229364	229284	0.78	cps
Iron	57-2	5635	5673	5662	5657	0.35	cps
Lead	206-1	15070	15543	15515	15376	1.72	cps
Lead	207-1	14419	14558	14063	14347	1.78	cps
Lead	208-1	63924	64257	63801	63994	0.37	cps
Lithium	6-1	1514905	1531856	1513721	1520161	0.67	cps
Magnesium	24-2	132380	133524	130245	132049	1.26	cps
Manganese	55-2	970677	981054	975520	975750	0.53	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6S	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:53:03	DataFile Name :	038SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	383	475	422	11.22	cps
Molybdenum	95-1	258	317	317	297	11.33	cps
Molybdenum	96-1	283	375	392	350	16.67	cps
Molybdenum	97-1	267	183	275	242	20.98	cps
Molybdenum	98-1	450	475	550	492	10.58	cps
Neodymium	150-1	580	600	567	582	2.88	cps
Neodymium	150-2	257	237	277	257	7.79	cps
Nickel	60-2	157934	157479	154410	156607	1.22	cps
Phosphorus	31-2	317	308	383	336	12.23	cps
Potassium	39-2	68283	69471	67354	68369	1.55	cps
Rhodium	103-1	10403488	10543795	10565543	10504275	0.84	cps
Rhodium	103-2	5023869	5021889	5026297	5024018	0.04	cps
Scandium	45-1	6475990	6491678	6463998	6477222	0.21	cps
Scandium	45-2	308478	308633	308106	308406	0.09	cps
Selenium	77-2	57	47	70	58	20.26	cps
Selenium	78-2	304	285	291	293	3.24	cps
Selenium	82-1	1233	1278	1188	1233	3.67	cps
Silicon	28-1	1795770	1798451	1798513	1797578	0.09	cps
Silver	109-1	55986	56397	55970	56118	0.43	cps
Silver	107-1	57058	56162	58163	57127	1.75	cps
Sodium	23-2	5524808	5567808	5472826	5521814	0.86	cps
Strontium	86-1	33808	33983	33741	33844	0.37	cps
Strontium	88-1	278561	279041	279548	279050	0.18	cps
Sulfur	34-1	700555	699131	699760	699815	0.10	cps
Terbium	159-1	15111122	15253943	15193600	15186221	0.47	cps
Terbium	159-2	7241357	7210030	7231158	7227515	0.22	cps
Thallium	203-1	42845	44584	43573	43667	2.00	cps
Thallium	205-1	104626	107608	103265	105167	2.11	cps
Tin	118-1	708	567	858	711	20.51	cps
Titanium	47-1	192	175	208	192	8.70	cps
Uranium	238-1	92	100	125	106	16.44	cps
Vanadium	51-2	98737	99449	98650	98946	0.44	cps
Yttrium	89-1	11319299	11331977	11367717	11339664	0.22	cps
Yttrium	89-2	1669505	1660061	1662219	1663928	0.30	cps
Zinc	66-2	22825	22594	22788	22736	0.54	cps
Zirconium	90-1	792	958	817	856	10.51	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCM6S	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 13:53:03	DataFile Name :	038SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	142	225	189	22.64	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDCM6L	Dilution Factor :	100
Date & Time Acquired ::	2017-05-23 13:56:40	DataFile Name :	039SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	125	175	136	25.49	cps
Antimony	121-1	383	325	517	408	24.06	cps
Arsenic	75-2	22	19	22	21	10.18	cps
Barium	135-1	4209	3892	4318	4140	5.34	cps
Barium	137-1	7486	7336	7369	7397	1.07	cps
Beryllium	9-1	89	106	111	102	11.35	cps
Bismuth	209-1	10715747	10701097	10725412	10714085	0.11	cps
Bismuth	209-2	5845210	5815105	5841377	5833897	0.28	cps
Boron	10-1	600	650	625	625	4.00	cps
Boron	11-1	3125	3059	2984	3056	2.32	cps
Cadmium	111-1	2781	2978	2858	2872	3.45	cps
Cadmium	106-1	3942	4209	4092	4081	3.28	cps
Cadmium	108-1	17	8	33	19	65.47	cps
Calcium	43-1	8670	8678	8686	8678	0.10	cps
Calcium	44-1	147715	146099	148380	147398	0.80	cps
Chromium	52-2	2857	2674	2584	2705	5.15	cps
Cobalt	59-2	2434	2510	2384	2442	2.61	cps
Copper	63-2	4127	4067	4094	4096	0.73	cps
Dysprosium	156-1	133	42	125	100	50.69	cps
Dysprosium	156-2	57	40	33	43	27.74	cps
Erbium	164-1	75	108	83	89	19.52	cps
Erbium	164-2	90	70	70	77	15.06	cps
Gadolinium	160-1	158	233	258	217	24.02	cps
Gadolinium	160-2	80	93	117	97	19.20	cps
Holmium	165-1	15105773	15235288	15016521	15119194	0.73	cps
Holmium	165-2	7442018	7347873	7451239	7413710	0.77	cps
Indium	115-1	11586703	11728263	11732185	11682384	0.71	cps
Indium	115-2	2174395	2164971	2182160	2173842	0.40	cps
Iron	56-2	9559	9503	9803	9622	1.66	cps
Iron	57-2	233	211	256	233	9.52	cps
Lead	206-1	1545	1567	1606	1572	1.97	cps
Lead	207-1	1489	1378	1528	1465	5.31	cps
Lead	208-1	6367	6356	6506	6410	1.30	cps
Lithium	6-1	1553190	1541317	1550575	1548361	0.40	cps
Magnesium	24-2	25464	25122	25347	25311	0.69	cps
Manganese	55-2	173344	173961	173584	173630	0.18	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDCM6L	Dilution Factor :	100
Date & Time Acquired ::	2017-05-23 13:56:40	DataFile Name :	039SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	367	433	350	383	11.50	cps
Molybdenum	95-1	133	217	175	175	23.81	cps
Molybdenum	96-1	283	258	267	269	4.72	cps
Molybdenum	97-1	150	117	175	147	19.88	cps
Molybdenum	98-1	208	250	342	267	25.58	cps
Neodymium	150-1	93	120	167	127	29.30	cps
Neodymium	150-2	37	43	30	37	18.18	cps
Nickel	60-2	20361	20004	19446	19937	2.31	cps
Phosphorus	31-2	317	342	267	308	12.39	cps
Potassium	39-2	49826	49843	49442	49704	0.46	cps
Rhodium	103-1	10726961	10663721	10634857	10675180	0.44	cps
Rhodium	103-2	5035935	4997332	5009649	5014305	0.39	cps
Scandium	45-1	6500193	6555363	6526583	6527379	0.42	cps
Scandium	45-2	307769	305630	307668	307022	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	91	111	94	99	10.98	cps
Selenium	82-1	-155	14	-60	-67	-126.50	cps
Silicon	28-1	655406	654972	644850	651743	0.92	cps
Silver	109-1	400	408	375	394	4.40	cps
Silver	107-1	408	475	500	461	10.28	cps
Sodium	23-2	1074946	1073424	1071344	1073238	0.17	cps
Strontium	86-1	8069	8078	8353	8167	1.98	cps
Strontium	88-1	53961	53509	52740	53403	1.16	cps
Sulfur	34-1	680738	685718	683779	683412	0.37	cps
Terbium	159-1	15609659	15420233	15318935	15449609	0.96	cps
Terbium	159-2	7272663	7220103	7201783	7231516	0.51	cps
Thallium	203-1	217	225	250	231	7.52	cps
Thallium	205-1	583	550	517	550	6.06	cps
Tin	118-1	750	1075	842	889	18.85	cps
Titanium	47-1	250	208	183	214	15.75	cps
Uranium	238-1	125	125	100	117	12.38	cps
Vanadium	51-2	23	47	57	42	40.52	cps
Yttrium	89-1	11363812	11353640	11429725	11382392	0.36	cps
Yttrium	89-2	1660365	1651001	1656090	1655818	0.28	cps
Zinc	66-2	403	463	483	450	9.25	cps
Zirconium	90-1	808	917	792	839	8.09	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3179-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDCM6L	Dilution Factor :	100
Date & Time Acquired ::	2017-05-23 13:56:40	DataFile Name :	039SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	183	125	156	18.81	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:00:10	DataFile Name :	040SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7344948	7324867	7300228	7323348	0.31	cps
Antimony	121-1	7802791	7654429	7693960	7717060	1.00	cps
Arsenic	75-2	272387	271565	272317	272090	0.17	cps
Barium	135-1	9193591	9192521	9194012	9193374	0.01	cps
Barium	137-1	15920580	15915714	15969395	15935230	0.19	cps
Beryllium	9-1	1199908	1206683	1201527	1202706	0.29	cps
Bismuth	209-1	9560048	9495366	9506753	9520722	0.36	cps
Bismuth	209-2	5306528	5296748	5320232	5307836	0.22	cps
Boron	10-1	156662	159692	161510	159288	1.54	cps
Boron	11-1	798802	806330	810096	805076	0.71	cps
Cadmium	111-1	1865672	1878031	1871375	1871693	0.33	cps
Cadmium	106-1	210878	215167	215873	213973	1.26	cps
Cadmium	108-1	138358	137652	139461	138490	0.66	cps
Calcium	43-1	9934290	10052602	10058284	10015059	0.70	cps
Calcium	44-1	161892283	161345591	161818891	161685588	0.18	cps
Chromium	52-2	2364398	2362851	2369717	2365656	0.15	cps
Cobalt	59-2	3727064	3699897	3734351	3720437	0.49	cps
Copper	63-2	5179624	5182383	5208852	5190286	0.31	cps
Dysprosium	156-1	317	383	317	339	11.36	cps
Dysprosium	156-2	80	120	73	91	27.70	cps
Erbium	164-1	117	75	67	86	31.11	cps
Erbium	164-2	43	63	40	49	25.81	cps
Gadolinium	160-1	225	242	183	217	13.87	cps
Gadolinium	160-2	127	147	157	143	10.66	cps
Holmium	165-1	14526270	14521393	14785164	14610942	1.03	cps
Holmium	165-2	7275397	7281872	7287216	7281495	0.08	cps
Indium	115-1	10674435	10688798	10725382	10696205	0.25	cps
Indium	115-2	2065845	2055491	2060568	2060634	0.25	cps
Iron	56-2	487408566	481032877	484591222	484344222	0.66	cps
Iron	57-2	12112400	11993382	12068574	12058119	0.50	cps
Lead	206-1	6328722	6332381	6376851	6345984	0.42	cps
Lead	207-1	5811516	5846750	5862543	5840269	0.45	cps
Lead	208-1	26207882	26168889	26315967	26230913	0.29	cps
Lithium	6-1	1451237	1455206	1438568	1448337	0.60	cps
Magnesium	24-2	85632244	84964031	85448231	85348169	0.40	cps
Manganese	55-2	2587414	2584640	2599977	2590677	0.32	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:00:10	DataFile Name :	040SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6810568	6895438	6795056	6833687	0.79	cps
Molybdenum	95-1	3609369	3622471	3607797	3613212	0.22	cps
Molybdenum	96-1	4615129	4636683	4617539	4623117	0.26	cps
Molybdenum	97-1	2234685	2235106	2231819	2233870	0.08	cps
Molybdenum	98-1	5976330	5937540	5966215	5960029	0.34	cps
Neodymium	150-1	667	607	700	658	7.19	cps
Neodymium	150-2	80	83	100	88	12.21	cps
Nickel	60-2	978319	980146	990884	983116	0.69	cps
Phosphorus	31-2	77016	78097	77578	77563	0.70	cps
Potassium	39-2	41346476	41031579	41008175	41128743	0.46	cps
Rhodium	103-1	9421527	9500733	9567323	9496528	0.77	cps
Rhodium	103-2	4588696	4569303	4592710	4583570	0.27	cps
Scandium	45-1	6417289	6432157	6397679	6415708	0.27	cps
Scandium	45-2	312700	312073	314446	313073	0.39	cps
Selenium	77-2	5194	5401	5605	5400	3.80	cps
Selenium	78-2	18425	18249	18117	18263	0.85	cps
Selenium	82-1	111751	112339	112478	112189	0.34	cps
Silicon	28-1	4219939	4272852	4353443	4282078	1.57	cps
Silver	109-1	8712338	8778077	8698951	8729789	0.49	cps
Silver	107-1	9104856	9082159	9186723	9124579	0.60	cps
Sodium	23-2	158563412	156698508	158167562	157809827	0.62	cps
Strontium	86-1	2337049	2335905	2346894	2339949	0.26	cps
Strontium	88-1	20646353	20557232	20709532	20637705	0.37	cps
Sulfur	34-1	1339986	1341449	1340257	1340564	0.06	cps
Terbium	159-1	14849951	14848839	14770744	14823178	0.31	cps
Terbium	159-2	7154057	7139878	7133174	7142370	0.15	cps
Thallium	203-1	8010929	8006863	8130895	8049563	0.88	cps
Thallium	205-1	18927230	18928878	19123111	18993073	0.59	cps
Tin	118-1	6242564	6199039	6072741	6171448	1.43	cps
Titanium	47-1	974634	978909	974413	975985	0.26	cps
Uranium	238-1	29262483	28886557	29142848	29097296	0.66	cps
Vanadium	51-2	1914623	1925195	1936406	1925408	0.57	cps
Yttrium	89-1	11015261	10893887	11011958	10973702	0.63	cps
Yttrium	89-2	1646625	1644611	1645586	1645607	0.06	cps
Zinc	66-2	752995	751293	757803	754030	0.45	cps
Zirconium	90-1	12912402	12833222	12909563	12885062	0.35	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV028	Instrumnet Name :	P7
Client Sample ID :	CCV028	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:00:10	DataFile Name :	040SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2852928	2842692	2834827	2843482	0.32	cps

LB Number : LB87664 Operator : Jaswal
 Lab Sample ID : CCB028 Instrumnet Name : P7
 Client Sample ID : CCB028 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-23 14:08:23 DataFile Name : 041CCBE_P7052317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	75	25	89	80.83	cps
Antimony	121-1	10638	13157	15576	13123	18.82	cps
Arsenic	75-2	78	67	78	74	8.66	cps
Barium	135-1	50	58	150	86	64.44	cps
Barium	137-1	125	158	100	128	22.90	cps
Beryllium	9-1	167	194	78	146	41.66	cps
Bismuth	209-1	10557270	10584806	10549051	10563709	0.18	cps
Bismuth	209-2	5803192	5792674	5824268	5806712	0.28	cps
Boron	10-1	1508	1317	1408	1411	6.79	cps
Boron	11-1	6935	6760	6927	6874	1.44	cps
Cadmium	111-1	2668	3006	2746	2807	6.30	cps
Cadmium	106-1	3809	4259	3901	3990	5.96	cps
Cadmium	108-1	21	13	8	14	45.83	cps
Calcium	43-1	308	300	358	322	9.79	cps
Calcium	44-1	12689	12915	12840	12814	0.89	cps
Chromium	52-2	1293	1403	1303	1333	4.56	cps
Cobalt	59-2	103	80	80	88	15.35	cps
Copper	63-2	2210	2324	2130	2221	4.37	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	58	42	42	47	20.38	cps
Erbium	164-2	10	20	30	20	50.00	cps
Gadolinium	160-1	108	100	108	106	4.56	cps
Gadolinium	160-2	40	53	40	44	17.32	cps
Holmium	165-1	15313081	14850594	14914646	15026107	1.67	cps
Holmium	165-2	7399551	7345887	7337735	7361058	0.46	cps
Indium	115-1	11725908	11623472	11482330	11610570	1.05	cps
Indium	115-2	2186532	2187515	2205992	2193346	0.50	cps
Iron	56-2	11097	7641	8164	8967	20.78	cps
Iron	57-2	283	233	144	220	31.92	cps
Lead	206-1	2245	2106	2078	2143	4.17	cps
Lead	207-1	1811	1884	1750	1815	3.68	cps
Lead	208-1	8440	8690	8335	8488	2.15	cps
Lithium	6-1	1541384	1553577	1530931	1541964	0.74	cps
Magnesium	24-2	1318	467	592	792	58.03	cps
Manganese	55-2	213	127	80	140	48.33	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:08:23	DataFile Name :	041CCBE_P7052317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1092	1617	2134	1614	32.27	cps
Molybdenum	95-1	1150	1450	1875	1492	24.42	cps
Molybdenum	96-1	1267	1684	2367	1772	31.34	cps
Molybdenum	97-1	683	950	1308	981	31.98	cps
Molybdenum	98-1	1625	2317	3042	2328	30.44	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	330	277	323	310	9.37	cps
Phosphorus	31-2	367	300	342	336	10.02	cps
Potassium	39-2	45931	47954	47787	47224	2.38	cps
Rhodium	103-1	10706727	10765834	10630077	10700879	0.64	cps
Rhodium	103-2	5010960	5019996	5056510	5029155	0.48	cps
Scandium	45-1	6644904	6673389	6565378	6627890	0.84	cps
Scandium	45-2	313573	314341	313032	313649	0.21	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	81	106	106	98	14.25	cps
Selenium	82-1	79	4	80	54	79.91	cps
Silicon	28-1	396791	402110	398636	399179	0.68	cps
Silver	109-1	233	275	308	272	13.81	cps
Silver	107-1	358	350	375	361	3.53	cps
Sodium	23-2	44514	42319	41600	42811	3.55	cps
Strontium	86-1	2225	1892	2200	2106	8.82	cps
Strontium	88-1	358	425	617	467	28.74	cps
Sulfur	34-1	668861	671284	668586	669577	0.22	cps
Terbium	159-1	15125882	15328200	15297612	15250565	0.72	cps
Terbium	159-2	7276542	7187847	7207890	7224093	0.64	cps
Thallium	203-1	567	608	542	572	5.89	cps
Thallium	205-1	1300	1242	1267	1270	2.31	cps
Tin	118-1	1650	2200	2167	2006	15.38	cps
Titanium	47-1	125	117	125	122	3.94	cps
Uranium	238-1	200	100	167	156	32.73	cps
Vanadium	51-2	47	27	20	31	44.61	cps
Yttrium	89-1	11470682	11500409	11357264	11442785	0.66	cps
Yttrium	89-2	1675298	1676750	1683113	1678387	0.25	cps
Zinc	66-2	120	120	127	122	3.15	cps
Zirconium	90-1	1975	2567	2525	2356	14.02	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCB028	Instrumnet Name :	P7
Client Sample ID :	CCB028	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:08:23	DataFile Name :	041CCBE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	483	325	608	472	30.07	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-04	Instrumnet Name :	P7
Client Sample ID :	MBDCK8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:11:54	DataFile Name :	042SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	242	242	258	11.18	cps
Antimony	121-1	2175	2517	2625	2439	9.63	cps
Arsenic	75-2	37	28	28	31	17.32	cps
Barium	135-1	283	183	283	250	23.10	cps
Barium	137-1	492	500	425	472	8.70	cps
Beryllium	9-1	94	111	89	98	11.78	cps
Bismuth	209-1	11578758	11606061	11164094	11449638	2.16	cps
Bismuth	209-2	6122494	6136019	6106338	6121617	0.24	cps
Boron	10-1	842	842	758	814	5.91	cps
Boron	11-1	4159	4484	4351	4331	3.77	cps
Cadmium	111-1	3078	2998	2960	3012	2.01	cps
Cadmium	106-1	4376	4276	4201	4284	2.05	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	617	608	800	675	16.05	cps
Calcium	44-1	19238	20373	19046	19553	3.67	cps
Chromium	52-2	1013	827	773	871	14.47	cps
Cobalt	59-2	370	427	413	403	7.35	cps
Copper	63-2	2004	2010	1977	1997	0.88	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	67	58	92	72	24.02	cps
Erbium	164-2	33	17	23	24	34.31	cps
Gadolinium	160-1	175	100	108	128	32.17	cps
Gadolinium	160-2	67	60	57	61	8.33	cps
Holmium	165-1	16119063	16120283	15811292	16016880	1.11	cps
Holmium	165-2	7767450	7787656	7740742	7765283	0.30	cps
Indium	115-1	12576444	12481213	12231730	12429795	1.43	cps
Indium	115-2	2305822	2313463	2306634	2308639	0.18	cps
Iron	56-2	9120	9426	8892	9146	2.93	cps
Iron	57-2	267	239	178	228	19.97	cps
Lead	206-1	2378	2395	2411	2395	0.70	cps
Lead	207-1	2284	2022	2089	2132	6.37	cps
Lead	208-1	9741	9307	9735	9594	2.59	cps
Lithium	6-1	1679066	1660442	1627367	1655625	1.58	cps
Magnesium	24-2	792	817	925	845	8.39	cps
Manganese	55-2	273	393	377	348	18.69	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-04	Instrumnet Name :	P7
Client Sample ID :	MBDCK8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:11:54	DataFile Name :	042SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	533	675	875	695	24.72	cps
Molybdenum	95-1	483	708	1008	733	35.92	cps
Molybdenum	96-1	608	733	967	770	23.64	cps
Molybdenum	97-1	350	342	625	439	36.74	cps
Molybdenum	98-1	900	1150	1267	1106	16.94	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	400	397	317	371	12.71	cps
Phosphorus	31-2	283	250	300	278	9.17	cps
Potassium	39-2	48021	48790	47268	48026	1.58	cps
Rhodium	103-1	11597877	11459584	11091040	11382834	2.30	cps
Rhodium	103-2	5263583	5307104	5297215	5289301	0.43	cps
Scandium	45-1	7195687	7123037	7025646	7114790	1.20	cps
Scandium	45-2	330418	331283	331266	330989	0.15	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	94	111	87	98	12.64	cps
Selenium	82-1	128	12	128	89	75.22	cps
Silicon	28-1	368404	359419	360018	362614	1.39	cps
Silver	109-1	225	308	175	236	28.53	cps
Silver	107-1	342	242	317	300	17.35	cps
Sodium	23-2	43397	42862	42904	43054	0.69	cps
Strontium	86-1	2292	2117	2100	2170	4.89	cps
Strontium	88-1	975	1125	1067	1056	7.16	cps
Sulfur	34-1	666930	666595	658911	664145	0.68	cps
Terbium	159-1	16597703	16468475	16155526	16407235	1.39	cps
Terbium	159-2	7612912	7611549	7561594	7595352	0.39	cps
Thallium	203-1	350	458	367	392	14.89	cps
Thallium	205-1	983	975	842	933	8.52	cps
Tin	118-1	858	1050	1108	1006	13.01	cps
Titanium	47-1	100	100	192	131	40.54	cps
Uranium	238-1	75	183	117	125	43.72	cps
Vanadium	51-2	10	47	20	26	74.17	cps
Yttrium	89-1	12308081	12296841	11987956	12197626	1.49	cps
Yttrium	89-2	1756714	1764874	1764264	1761951	0.26	cps
Zinc	66-2	1093	1060	950	1034	7.25	cps
Zirconium	90-1	758	992	858	870	13.46	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-04	Instrumnet Name :	P7
Client Sample ID :	MBDCK8	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:11:54	DataFile Name :	042SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	192	150	186	18.10	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01	Instrumnet Name :	P7
Client Sample ID :	MBDCC6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:23:40	DataFile Name :	043SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	194702	176585	185486	185591	4.88	cps
Antimony	121-1	24205	24331	25457	24664	2.80	cps
Arsenic	75-2	3445	3387	3484	3439	1.41	cps
Barium	135-1	470026	457264	462247	463179	1.39	cps
Barium	137-1	807048	801845	803006	803967	0.34	cps
Beryllium	9-1	806	622	722	717	12.81	cps
Bismuth	209-1	11115932	11013163	10887857	11005651	1.04	cps
Bismuth	209-2	6021328	6028572	5958481	6002794	0.64	cps
Boron	10-1	7861	7969	7911	7914	0.69	cps
Boron	11-1	40597	40514	39895	40335	0.95	cps
Cadmium	111-1	5761	5778	5466	5668	3.10	cps
Cadmium	106-1	4909	4851	4668	4809	2.62	cps
Cadmium	108-1	538	663	717	639	14.38	cps
Calcium	43-1	853119	841318	842816	845751	0.76	cps
Calcium	44-1	14003732	13859109	13830388	13897743	0.67	cps
Chromium	52-2	75928591	75692499	74976799	75532629	0.66	cps
Cobalt	59-2	298547	297335	295711	297198	0.48	cps
Copper	63-2	1111773	1107772	1096737	1105428	0.70	cps
Dysprosium	156-1	38823	34670	36541	36678	5.67	cps
Dysprosium	156-2	17054	17121	16657	16944	1.48	cps
Erbium	164-1	33516	31279	31462	32086	3.87	cps
Erbium	164-2	14808	14638	15189	14878	1.89	cps
Gadolinium	160-1	36074	36775	37828	36892	2.39	cps
Gadolinium	160-2	19794	20155	19554	19835	1.52	cps
Holmium	165-1	16491203	16424543	16060296	16325347	1.42	cps
Holmium	165-2	7954682	7894099	7844538	7897773	0.70	cps
Indium	115-1	12278050	12478782	12046922	12267918	1.76	cps
Indium	115-2	2277844	2242148	2274185	2264725	0.87	cps
Iron	56-2	213012099	212090799	210326332	211809744	0.64	cps
Iron	57-2	5196520	5163699	5144551	5168257	0.51	cps
Lead	206-1	30569	30530	29522	30207	1.96	cps
Lead	207-1	25670	26438	25725	25944	1.65	cps
Lead	208-1	120003	120269	119888	120053	0.16	cps
Lithium	6-1	1597849	1589579	1577298	1588242	0.65	cps
Magnesium	24-2	2705129	2681052	2643901	2676694	1.15	cps
Manganese	55-2	18538926	18512543	18194145	18415205	1.04	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01	Instrumnet Name :	P7
Client Sample ID :	MBDCC6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:23:40	DataFile Name :	043SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	812006	809218	795231	805485	1.12	cps
Molybdenum	95-1	1420586	1405689	1385440	1403905	1.26	cps
Molybdenum	96-1	1510253	1497280	1476205	1494579	1.15	cps
Molybdenum	97-1	884416	871535	860089	872013	1.40	cps
Molybdenum	98-1	2287125	2234522	2222812	2248153	1.52	cps
Neodymium	150-1	53739	54308	54140	54062	0.54	cps
Neodymium	150-2	20222	21053	21216	20830	2.56	cps
Nickel	60-2	2864172	2853137	2844440	2853916	0.35	cps
Phosphorus	31-2	1300	1325	1325	1317	1.10	cps
Potassium	39-2	549856	544704	544444	546335	0.56	cps
Rhodium	103-1	11165811	10956086	11083411	11068436	0.95	cps
Rhodium	103-2	5151316	5135418	5165426	5150720	0.29	cps
Scandium	45-1	7202180	7138393	6977842	7106139	1.63	cps
Scandium	45-2	327439	323385	322648	324491	0.80	cps
Selenium	77-2	50	100	47	66	45.57	cps
Selenium	78-2	135	141	117	131	9.63	cps
Selenium	82-1	144	83	20	82	75.13	cps
Silicon	28-1	48632538	48585621	46541670	47919943	2.49	cps
Silver	109-1	4484	4476	4809	4590	4.14	cps
Silver	107-1	4834	4709	5109	4884	4.19	cps
Sodium	23-2	118117507	117451186	115689248	117085980	1.07	cps
Strontium	86-1	670498	668958	671126	670194	0.17	cps
Strontium	88-1	5937232	5889279	5923085	5916532	0.42	cps
Sulfur	34-1	1163126	1156327	1154694	1158049	0.39	cps
Terbium	159-1	16614766	16647979	16409834	16557526	0.78	cps
Terbium	159-2	7720899	7795301	7665540	7727247	0.84	cps
Thallium	203-1	1333	1075	1233	1214	10.73	cps
Thallium	205-1	2792	2675	2859	2775	3.34	cps
Tin	118-1	167639	167031	164756	166475	0.91	cps
Titanium	47-1	95308	88252	107351	96971	9.96	cps
Uranium	238-1	32266	31631	32208	32035	1.10	cps
Vanadium	51-2	240509	237568	236582	238219	0.86	cps
Yttrium	89-1	12929000	13063878	12837926	12943601	0.88	cps
Yttrium	89-2	1852010	1850245	1836710	1846321	0.45	cps
Zinc	66-2	34685	33779	33482	33982	1.84	cps
Zirconium	90-1	28375	28307	32349	29677	7.80	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01	Instrumnet Name :	P7
Client Sample ID :	MBDCC6	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:23:40	DataFile Name :	043SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6802	7664	5852	6773	13.39	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-02	Instrumnet Name :	P7
Client Sample ID :	MBDCC6D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:27:11	DataFile Name :	044SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	177572	177744	165542	173619	4.03	cps
Antimony	121-1	23454	23821	24614	23963	2.47	cps
Arsenic	75-2	3502	3519	3391	3471	2.00	cps
Barium	135-1	464928	459194	457442	460521	0.85	cps
Barium	137-1	807197	802077	794796	801357	0.78	cps
Beryllium	9-1	806	717	661	728	10.01	cps
Bismuth	209-1	11087588	11016238	10978058	11027295	0.50	cps
Bismuth	209-2	5876600	5872408	5898758	5882589	0.24	cps
Boron	10-1	7886	8319	8328	8178	3.09	cps
Boron	11-1	42018	41800	40706	41508	1.69	cps
Cadmium	111-1	5449	5561	5648	5553	1.80	cps
Cadmium	106-1	4626	4926	4901	4818	3.46	cps
Cadmium	108-1	646	738	625	669	8.94	cps
Calcium	43-1	839024	829075	822224	830108	1.02	cps
Calcium	44-1	13737458	13594313	13571631	13634467	0.66	cps
Chromium	52-2	74157176	74346991	74587179	74363782	0.29	cps
Cobalt	59-2	288354	290138	286738	288410	0.59	cps
Copper	63-2	1078012	1083642	1083242	1081632	0.29	cps
Dysprosium	156-1	36182	35505	35923	35870	0.95	cps
Dysprosium	156-2	16730	16587	16343	16554	1.18	cps
Erbium	164-1	31972	31696	31922	31863	0.46	cps
Erbium	164-2	14922	14518	14328	14589	2.08	cps
Gadolinium	160-1	37929	36082	36667	36893	2.56	cps
Gadolinium	160-2	19494	19901	19738	19711	1.04	cps
Holmium	165-1	16297919	16107750	16111307	16172325	0.67	cps
Holmium	165-2	7769183	7743326	7720922	7744477	0.31	cps
Indium	115-1	12249008	12271189	12229581	12249926	0.17	cps
Indium	115-2	2219264	2211536	2220428	2217076	0.22	cps
Iron	56-2	206846705	205625360	206733644	206401903	0.33	cps
Iron	57-2	5020239	5051720	5018116	5030025	0.37	cps
Lead	206-1	30090	30452	29093	29878	2.35	cps
Lead	207-1	25525	24774	24896	25065	1.61	cps
Lead	208-1	117889	118593	117884	118122	0.35	cps
Lithium	6-1	1570870	1561903	1552485	1561753	0.59	cps
Magnesium	24-2	2601107	2566259	2584099	2583822	0.67	cps
Manganese	55-2	18053904	17962524	18034905	18017111	0.27	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-02	Instrumnet Name :	P7
Client Sample ID :	MBDCC6D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:27:11	DataFile Name :	044SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	834256	824474	833633	830788	0.66	cps
Molybdenum	95-1	1457361	1447791	1429556	1444903	0.98	cps
Molybdenum	96-1	1550494	1539622	1528838	1539651	0.70	cps
Molybdenum	97-1	902831	897049	884499	894793	1.05	cps
Molybdenum	98-1	2328087	2302112	2290876	2307025	0.83	cps
Neodymium	150-1	67797	53953	52588	58113	14.48	cps
Neodymium	150-2	20125	20496	20362	20327	0.92	cps
Nickel	60-2	2782646	2790138	2780483	2784422	0.18	cps
Phosphorus	31-2	1175	1292	1017	1161	11.89	cps
Potassium	39-2	525253	526718	531672	527881	0.64	cps
Rhodium	103-1	10906193	10871453	10916963	10898203	0.22	cps
Rhodium	103-2	5064997	5032322	5039589	5045636	0.34	cps
Scandium	45-1	6892746	6901891	6808964	6867867	0.75	cps
Scandium	45-2	315214	313163	313109	313829	0.38	cps
Selenium	77-2	47	80	60	62	26.96	cps
Selenium	78-2	126	139	137	134	5.23	cps
Selenium	82-1	237	131	70	146	57.74	cps
Silicon	28-1	44464260	44535523	43820356	44273380	0.89	cps
Silver	109-1	4626	4709	5201	4845	6.42	cps
Silver	107-1	4701	4868	4901	4823	2.22	cps
Sodium	23-2	114061765	112675511	112050557	112929278	0.91	cps
Strontium	86-1	667919	670004	662398	666774	0.59	cps
Strontium	88-1	5854420	5847096	5806374	5835963	0.44	cps
Sulfur	34-1	1103178	1094780	1092017	1096659	0.53	cps
Terbium	159-1	16515292	16316689	16296534	16376171	0.74	cps
Terbium	159-2	7532082	7557224	7587588	7558965	0.37	cps
Thallium	203-1	1092	1067	908	1022	9.73	cps
Thallium	205-1	2217	2342	2234	2264	3.00	cps
Tin	118-1	167226	166247	169115	167529	0.87	cps
Titanium	47-1	88824	87816	80200	85613	5.51	cps
Uranium	238-1	32818	32099	31790	32236	1.64	cps
Vanadium	51-2	232629	233340	234352	233440	0.37	cps
Yttrium	89-1	12904918	12759539	12705360	12789939	0.81	cps
Yttrium	89-2	1807954	1798233	1804701	1803630	0.27	cps
Zinc	66-2	39768	39838	39681	39762	0.20	cps
Zirconium	90-1	28235	29030	28125	28463	1.73	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-02	Instrumnet Name :	P7
Client Sample ID :	MBDCC6D	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:27:11	DataFile Name :	044SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6821	9082	6685	7529	17.88	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDCC6L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 14:30:42	DataFile Name :	045SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38658	35117	34125	35967	6.63	cps
Antimony	121-1	4859	5310	5276	5148	4.87	cps
Arsenic	75-2	646	620	678	648	4.44	cps
Barium	135-1	84700	85866	84757	85108	0.77	cps
Barium	137-1	150181	145110	149355	148215	1.84	cps
Beryllium	9-1	183	217	178	193	10.92	cps
Bismuth	209-1	10787771	10925682	10984072	10899175	0.92	cps
Bismuth	209-2	5894248	5899784	5936796	5910276	0.39	cps
Boron	10-1	1975	1884	1850	1903	3.40	cps
Boron	11-1	9612	10329	10237	10059	3.88	cps
Cadmium	111-1	3348	3402	3383	3377	0.81	cps
Cadmium	106-1	4226	4259	4184	4223	0.89	cps
Cadmium	108-1	104	138	138	126	15.23	cps
Calcium	43-1	153951	152765	151325	152680	0.86	cps
Calcium	44-1	2463190	2468771	2472352	2468105	0.19	cps
Chromium	52-2	13952105	14053980	14043519	14016535	0.40	cps
Cobalt	59-2	55475	55465	55705	55548	0.25	cps
Copper	63-2	210555	210102	211110	210589	0.24	cps
Dysprosium	156-1	6393	6527	6735	6552	2.63	cps
Dysprosium	156-2	3180	3097	3094	3124	1.57	cps
Erbium	164-1	5568	6368	5843	5927	6.86	cps
Erbium	164-2	2734	2717	2997	2816	5.58	cps
Gadolinium	160-1	7377	6985	6468	6944	6.56	cps
Gadolinium	160-2	3731	3944	3674	3783	3.76	cps
Holmium	165-1	15758362	15603555	15442528	15601482	1.01	cps
Holmium	165-2	7587641	7617766	7570966	7592124	0.31	cps
Indium	115-1	11846592	11764985	11716832	11776136	0.56	cps
Indium	115-2	2198458	2193318	2208200	2199992	0.34	cps
Iron	56-2	39558168	39213544	39375672	39382461	0.44	cps
Iron	57-2	950873	953876	956124	953624	0.28	cps
Lead	206-1	6596	6446	6274	6439	2.51	cps
Lead	207-1	5690	5668	5396	5585	2.94	cps
Lead	208-1	26155	25405	25104	25555	2.12	cps
Lithium	6-1	1503011	1501307	1496108	1500142	0.24	cps
Magnesium	24-2	478970	480682	483845	481166	0.51	cps
Manganese	55-2	3362972	3370600	3391747	3375106	0.44	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDCC6L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 14:30:42	DataFile Name :	045SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	149172	151969	151824	150988	1.04	cps
Molybdenum	95-1	261941	263804	264382	263375	0.48	cps
Molybdenum	96-1	277692	281369	280321	279794	0.68	cps
Molybdenum	97-1	162769	164513	163571	163617	0.53	cps
Molybdenum	98-1	422767	423459	420537	422254	0.36	cps
Neodymium	150-1	10404	9957	10264	10209	2.24	cps
Neodymium	150-2	4388	3727	3954	4023	8.35	cps
Nickel	60-2	534318	535237	536393	535316	0.19	cps
Phosphorus	31-2	475	442	475	464	4.15	cps
Potassium	39-2	135092	134319	137718	135710	1.31	cps
Rhodium	103-1	10671538	10816739	10710171	10732816	0.70	cps
Rhodium	103-2	5068870	5087283	5092773	5082975	0.25	cps
Scandium	45-1	6530765	6540412	6527462	6532880	0.10	cps
Scandium	45-2	302190	304665	304392	303749	0.45	cps
Selenium	77-2	20	10	20	17	34.64	cps
Selenium	78-2	98	115	113	109	8.41	cps
Selenium	82-1	59	70	27	52	42.35	cps
Silicon	28-1	8530817	8585751	8286071	8467546	1.88	cps
Silver	109-1	1534	1567	1617	1572	2.67	cps
Silver	107-1	1659	1600	1792	1684	5.84	cps
Sodium	23-2	21360816	21229842	21396694	21329117	0.41	cps
Strontium	86-1	123704	124478	124444	124209	0.35	cps
Strontium	88-1	1066472	1062955	1055014	1061480	0.55	cps
Sulfur	34-1	666850	669891	669697	668813	0.25	cps
Terbium	159-1	15782457	15874078	15723260	15793265	0.48	cps
Terbium	159-2	7521144	7479082	7433713	7477979	0.58	cps
Thallium	203-1	292	283	292	289	1.67	cps
Thallium	205-1	575	692	808	692	16.87	cps
Tin	118-1	31971	31311	31587	31623	1.05	cps
Titanium	47-1	15135	19471	15339	16648	14.70	cps
Uranium	238-1	6010	6018	5918	5982	0.93	cps
Vanadium	51-2	43050	44176	43380	43535	1.33	cps
Yttrium	89-1	11729955	11596272	11595991	11640739	0.66	cps
Yttrium	89-2	1682507	1690263	1692658	1688476	0.31	cps
Zinc	66-2	6622	6188	6385	6398	3.39	cps
Zirconium	90-1	7042	6812	6605	6819	3.21	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01LX5	Instrumnet Name :	P7
Client Sample ID :	MBDCC6L	Dilution Factor :	5
Date & Time Acquired ::	2017-05-23 14:30:42	DataFile Name :	045SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1200	1467	1634	1434	15.25	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-03	Instrumnet Name :	P7
Client Sample ID :	MBDCC6S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:34:11	DataFile Name :	046SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	457595	452421	448907	452974	0.96	cps
Antimony	121-1	1680498	1660003	1647132	1662544	1.01	cps
Arsenic	75-2	25092	24805	24619	24839	0.96	cps
Barium	135-1	9249979	9206083	9072147	9176070	1.01	cps
Barium	137-1	15963957	15909294	15825757	15899669	0.44	cps
Beryllium	9-1	133644	131194	129548	131462	1.57	cps
Bismuth	209-1	10994239	11151552	10964988	11036926	0.91	cps
Bismuth	209-2	5901333	5921028	5919102	5913821	0.18	cps
Boron	10-1	11004	11497	11596	11366	2.79	cps
Boron	11-1	58414	58966	58506	58628	0.50	cps
Cadmium	111-1	228046	224642	225095	225928	0.82	cps
Cadmium	106-1	24363	23578	23938	23960	1.64	cps
Cadmium	108-1	15717	15342	15308	15456	1.47	cps
Calcium	43-1	836001	836021	825794	832605	0.71	cps
Calcium	44-1	13896683	13648573	13586556	13710604	1.20	cps
Chromium	52-2	77564459	77481596	76456471	77167508	0.80	cps
Cobalt	59-2	4505547	4487691	4476853	4490030	0.32	cps
Copper	63-2	2666098	2675288	2671356	2670914	0.17	cps
Dysprosium	156-1	37035	36567	36842	36814	0.64	cps
Dysprosium	156-2	17675	17468	16924	17356	2.24	cps
Erbium	164-1	32748	31538	32314	32200	1.90	cps
Erbium	164-2	14792	14895	15105	14931	1.07	cps
Gadolinium	160-1	38422	37335	37311	37689	1.68	cps
Gadolinium	160-2	20205	19948	20138	20097	0.66	cps
Holmium	165-1	16302695	16127802	16374977	16268491	0.78	cps
Holmium	165-2	7831601	7850634	7694824	7792353	1.09	cps
Indium	115-1	12110354	12077189	12111429	12099657	0.16	cps
Indium	115-2	2201128	2228671	2222720	2217506	0.65	cps
Iron	56-2	213631549	213114533	210964299	212570127	0.67	cps
Iron	57-2	5232896	5234114	5180863	5215958	0.58	cps
Lead	206-1	337721	335415	332925	335354	0.72	cps
Lead	207-1	304771	306503	301575	304283	0.82	cps
Lead	208-1	1377369	1381179	1360960	1373170	0.78	cps
Lithium	6-1	1555729	1564439	1547905	1556024	0.53	cps
Magnesium	24-2	2585983	2595295	2580154	2587144	0.30	cps
Manganese	55-2	19695070	19437905	19458994	19530656	0.73	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-03	Instrumnet Name :	P7
Client Sample ID :	MBDCC6S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:34:11	DataFile Name :	046SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	952429	938412	932749	941197	1.08	cps
Molybdenum	95-1	1656545	1641923	1628741	1642403	0.85	cps
Molybdenum	96-1	1777253	1744790	1742569	1754871	1.11	cps
Molybdenum	97-1	1041407	1012753	1009177	1021112	1.73	cps
Molybdenum	98-1	2692147	2624429	2613991	2643522	1.61	cps
Neodymium	150-1	55345	56242	55888	55825	0.81	cps
Neodymium	150-2	20726	21170	20986	20961	1.06	cps
Nickel	60-2	3940356	3943830	3927803	3937330	0.21	cps
Phosphorus	31-2	1083	1267	1292	1214	9.37	cps
Potassium	39-2	531431	533385	523672	529496	0.97	cps
Rhodium	103-1	10885061	10734924	10787467	10802484	0.71	cps
Rhodium	103-2	5053155	5076436	5070502	5066698	0.24	cps
Scandium	45-1	6848118	6801584	6774789	6808164	0.54	cps
Scandium	45-2	311025	311349	309473	310616	0.32	cps
Selenium	77-2	967	1047	1140	1051	8.25	cps
Selenium	78-2	3623	3630	3558	3604	1.10	cps
Selenium	82-1	23858	23591	23397	23615	0.98	cps
Silicon	28-1	44933807	45208939	43858994	44667246	1.60	cps
Silver	109-1	1163659	1152298	1161005	1158987	0.51	cps
Silver	107-1	1205135	1198073	1184287	1195832	0.89	cps
Sodium	23-2	114419957	113640319	113320382	113793553	0.50	cps
Strontium	86-1	672346	672917	664983	670082	0.66	cps
Strontium	88-1	5940278	5945818	5900332	5928809	0.42	cps
Sulfur	34-1	1102444	1086393	1084340	1091059	0.91	cps
Terbium	159-1	16549318	16400324	16399534	16449725	0.52	cps
Terbium	159-2	7627859	7617117	7614920	7619965	0.09	cps
Thallium	203-1	936229	922527	925627	928128	0.77	cps
Thallium	205-1	2242266	2205806	2211461	2219844	0.88	cps
Tin	118-1	190769	189106	190441	190105	0.46	cps
Titanium	47-1	162498	79803	84928	109077	42.48	cps
Uranium	238-1	33703	33168	33043	33305	1.05	cps
Vanadium	51-2	2277203	2276848	2259474	2271175	0.45	cps
Yttrium	89-1	12747424	12658400	12607884	12671236	0.56	cps
Yttrium	89-2	1802006	1809238	1804098	1805114	0.21	cps
Zinc	66-2	494596	500919	494585	496700	0.74	cps
Zirconium	90-1	40902	31008	32967	34959	14.99	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-03	Instrumnet Name :	P7
Client Sample ID :	MBDCC6S	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:34:11	DataFile Name :	046SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6894	6961	6152	6669	6.73	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:37:41	DataFile Name :	047SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7820	11714	7053	8862	28.20	cps
Antimony	121-1	1967	2659	2075	2234	16.67	cps
Arsenic	75-2	178	207	185	190	8.11	cps
Barium	135-1	22594	22110	21860	22188	1.68	cps
Barium	137-1	38212	38020	37134	37789	1.52	cps
Beryllium	9-1	194	156	144	165	15.93	cps
Bismuth	209-1	10894642	10829258	10979050	10900984	0.69	cps
Bismuth	209-2	5845476	5810863	5769708	5808682	0.65	cps
Boron	10-1	1108	1067	958	1045	7.41	cps
Boron	11-1	5485	5343	5568	5465	2.08	cps
Cadmium	111-1	3017	3006	2748	2923	5.21	cps
Cadmium	106-1	4142	4026	3801	3990	4.35	cps
Cadmium	108-1	29	29	54	38	38.49	cps
Calcium	43-1	36412	38251	37198	37287	2.47	cps
Calcium	44-1	631387	629097	627457	629314	0.31	cps
Chromium	52-2	3393517	3386772	3373564	3384618	0.30	cps
Cobalt	59-2	13663	14267	13943	13958	2.17	cps
Copper	63-2	55311	54906	54846	55021	0.46	cps
Dysprosium	156-1	1709	1567	1625	1634	4.36	cps
Dysprosium	156-2	780	793	867	813	5.74	cps
Erbium	164-1	1492	1617	1433	1514	6.19	cps
Erbium	164-2	663	727	660	683	5.50	cps
Gadolinium	160-1	1775	1692	1834	1767	4.03	cps
Gadolinium	160-2	977	1013	1033	1008	2.85	cps
Holmium	165-1	15472697	15256187	15165411	15298098	1.03	cps
Holmium	165-2	7419852	7409320	7309863	7379678	0.82	cps
Indium	115-1	11768545	11719587	11558073	11682068	0.94	cps
Indium	115-2	2138990	2147365	2131035	2139130	0.38	cps
Iron	56-2	9683667	9780854	9710254	9724925	0.52	cps
Iron	57-2	233475	236484	232857	234272	0.83	cps
Lead	206-1	2756	2645	2695	2699	2.06	cps
Lead	207-1	2484	2250	2445	2393	5.23	cps
Lead	208-1	10630	10702	10936	10756	1.49	cps
Lithium	6-1	1476282	1471265	1478168	1475238	0.24	cps
Magnesium	24-2	116970	119314	119187	118490	1.11	cps
Manganese	55-2	832306	831277	828186	830589	0.26	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:37:41	DataFile Name :	047SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	39883	40275	41186	40448	1.65	cps
Molybdenum	95-1	70200	69311	69986	69832	0.66	cps
Molybdenum	96-1	75995	74252	74948	75065	1.17	cps
Molybdenum	97-1	43535	44061	43768	43788	0.60	cps
Molybdenum	98-1	109973	111736	113527	111745	1.59	cps
Neodymium	150-1	2487	2700	2700	2629	4.69	cps
Neodymium	150-2	860	977	863	900	7.38	cps
Nickel	60-2	132755	133682	131910	132782	0.67	cps
Phosphorus	31-2	400	333	317	350	12.60	cps
Potassium	39-2	63561	64934	65763	64753	1.72	cps
Rhodium	103-1	10651115	10629514	10614340	10631656	0.17	cps
Rhodium	103-2	4986713	4979472	4933576	4966587	0.58	cps
Scandium	45-1	6315376	6262035	6287656	6288356	0.42	cps
Scandium	45-2	290845	288716	287501	289021	0.59	cps
Selenium	77-2	13	0	10	8	89.21	cps
Selenium	78-2	100	102	89	97	7.23	cps
Selenium	82-1	150	44	51	82	72.30	cps
Silicon	28-1	2840281	2730554	2854733	2808523	2.42	cps
Silver	109-1	1267	1258	900	1142	18.34	cps
Silver	107-1	1258	1208	1250	1239	2.16	cps
Sodium	23-2	5342343	5287713	5234974	5288343	1.02	cps
Strontium	86-1	34025	34008	31761	33265	3.91	cps
Strontium	88-1	268971	270199	267927	269032	0.42	cps
Sulfur	34-1	585927	582006	581989	583307	0.39	cps
Terbium	159-1	15619548	15561541	15677433	15619507	0.37	cps
Terbium	159-2	7203891	7239304	7175409	7206201	0.44	cps
Thallium	203-1	558	500	575	544	7.23	cps
Thallium	205-1	1342	1025	1000	1122	16.97	cps
Tin	118-1	8845	8578	8561	8661	1.84	cps
Titanium	47-1	3751	3551	3909	3737	4.81	cps
Uranium	238-1	1675	1542	1759	1659	6.59	cps
Vanadium	51-2	10597	10714	10644	10652	0.55	cps
Yttrium	89-1	11417252	11340409	11257369	11338343	0.71	cps
Yttrium	89-2	1617858	1628158	1612656	1619557	0.49	cps
Zinc	66-2	1893	1613	1810	1772	8.11	cps
Zirconium	90-1	2159	2000	2217	2125	5.28	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:37:41	DataFile Name :	047SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	667	708	592	28.28	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6D	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:41:12	DataFile Name :	048SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7572	8722	8466	8253	7.32	cps
Antimony	121-1	1533	1759	1900	1731	10.69	cps
Arsenic	75-2	193	156	191	180	11.62	cps
Barium	135-1	21659	21367	21300	21442	0.89	cps
Barium	137-1	37669	37911	37619	37733	0.41	cps
Beryllium	9-1	106	83	144	111	27.84	cps
Bismuth	209-1	10894226	10907173	10831071	10877490	0.37	cps
Bismuth	209-2	5802226	5826581	5848018	5825609	0.39	cps
Boron	10-1	800	992	1067	953	14.43	cps
Boron	11-1	4793	4317	4693	4601	5.44	cps
Cadmium	111-1	2808	3059	2651	2839	7.24	cps
Cadmium	106-1	3867	4201	3642	3903	7.20	cps
Cadmium	108-1	58	33	33	42	34.64	cps
Calcium	43-1	37791	39521	37941	38418	2.49	cps
Calcium	44-1	629814	632678	623542	628678	0.74	cps
Chromium	52-2	3449423	3465065	3465651	3460047	0.27	cps
Cobalt	59-2	13797	13934	13797	13842	0.57	cps
Copper	63-2	55622	55622	55027	55424	0.62	cps
Dysprosium	156-1	1734	1775	1784	1764	1.52	cps
Dysprosium	156-2	740	863	750	784	8.73	cps
Erbium	164-1	1533	1900	1609	1681	11.53	cps
Erbium	164-2	713	617	737	689	9.24	cps
Gadolinium	160-1	1984	1900	1717	1867	7.31	cps
Gadolinium	160-2	1007	1047	923	992	6.34	cps
Holmium	165-1	15328921	15391889	15254957	15325256	0.45	cps
Holmium	165-2	7381303	7453327	7505223	7446618	0.84	cps
Indium	115-1	11557553	11715133	11617350	11630012	0.68	cps
Indium	115-2	2136519	2147985	2137023	2140509	0.30	cps
Iron	56-2	9832421	9876029	9798935	9835795	0.39	cps
Iron	57-2	236211	239398	240300	238636	0.90	cps
Lead	206-1	2839	2723	2673	2745	3.12	cps
Lead	207-1	2450	2189	2811	2484	12.58	cps
Lead	208-1	10735	11041	11274	11017	2.45	cps
Lithium	6-1	1475739	1480759	1469222	1475240	0.39	cps
Magnesium	24-2	120741	121530	119575	120615	0.82	cps
Manganese	55-2	839694	850118	840623	843478	0.68	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6D	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:41:12	DataFile Name :	048SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	39096	39357	40158	39537	1.40	cps
Molybdenum	95-1	68448	68767	68749	68655	0.26	cps
Molybdenum	96-1	72276	71446	73272	72332	1.26	cps
Molybdenum	97-1	42840	42740	42071	42551	0.98	cps
Molybdenum	98-1	109561	108704	108924	109063	0.41	cps
Neodymium	150-1	2614	2760	2687	2687	2.73	cps
Neodymium	150-2	960	960	963	961	0.20	cps
Nickel	60-2	134339	135910	135432	135227	0.60	cps
Phosphorus	31-2	292	542	308	381	36.74	cps
Potassium	39-2	64231	64299	63906	64145	0.33	cps
Rhodium	103-1	10547333	10492671	10471841	10503949	0.37	cps
Rhodium	103-2	4935877	4970530	4949706	4952038	0.35	cps
Scandium	45-1	6303382	6334683	6265134	6301066	0.55	cps
Scandium	45-2	292368	291725	291178	291757	0.20	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	91	93	76	86	10.57	cps
Selenium	82-1	-74	49	-7	-10	-589.70	cps
Silicon	28-1	2765762	2807020	2744218	2772334	1.15	cps
Silver	109-1	717	675	650	681	4.95	cps
Silver	107-1	700	667	675	681	2.55	cps
Sodium	23-2	5292046	5363404	5349883	5335111	0.71	cps
Strontium	86-1	32855	33565	32120	32847	2.20	cps
Strontium	88-1	273000	269978	271312	271430	0.56	cps
Sulfur	34-1	589772	581675	589639	587029	0.79	cps
Terbium	159-1	15554311	15634742	15609004	15599352	0.26	cps
Terbium	159-2	7321418	7264706	7266485	7284203	0.44	cps
Thallium	203-1	367	208	267	281	28.54	cps
Thallium	205-1	575	558	608	581	4.39	cps
Tin	118-1	8720	8661	9095	8825	2.67	cps
Titanium	47-1	3918	3476	3484	3626	6.98	cps
Uranium	238-1	1534	1600	1508	1547	3.06	cps
Vanadium	51-2	10721	11018	10824	10854	1.39	cps
Yttrium	89-1	11373118	11374624	11331355	11359699	0.22	cps
Yttrium	89-2	1619874	1636192	1625508	1627191	0.51	cps
Zinc	66-2	2070	1970	2064	2035	2.75	cps
Zirconium	90-1	2167	2150	2651	2323	12.23	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-02DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6D	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:41:12	DataFile Name :	048SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	567	417	467	483	15.80	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6S	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:44:42	DataFile Name :	049SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19572	19997	20591	20053	2.55	cps
Antimony	121-1	73409	73200	74331	73646	0.82	cps
Arsenic	75-2	1107	1139	1093	1113	2.12	cps
Barium	135-1	392819	393459	392965	393081	0.09	cps
Barium	137-1	682741	685302	682434	683492	0.23	cps
Beryllium	9-1	5707	5929	5846	5827	1.93	cps
Bismuth	209-1	10845010	10926307	10861509	10877609	0.40	cps
Bismuth	209-2	5846103	5871090	5868320	5861838	0.23	cps
Boron	10-1	1008	650	1050	903	24.36	cps
Boron	11-1	4559	4601	4584	4581	0.46	cps
Cadmium	111-1	12686	12517	12894	12699	1.48	cps
Cadmium	106-1	4818	4909	4951	4893	1.39	cps
Cadmium	108-1	588	717	733	679	11.75	cps
Calcium	43-1	37749	35635	35243	36209	3.72	cps
Calcium	44-1	594898	598006	599651	597518	0.40	cps
Chromium	52-2	3378442	3384892	3383315	3382216	0.10	cps
Cobalt	59-2	199904	198189	201959	200017	0.94	cps
Copper	63-2	122857	123560	124151	123522	0.52	cps
Dysprosium	156-1	1750	1442	1567	1586	9.78	cps
Dysprosium	156-2	700	663	727	697	4.56	cps
Erbium	164-1	1508	1350	1475	1445	5.78	cps
Erbium	164-2	700	677	690	689	1.70	cps
Gadolinium	160-1	1692	1734	1633	1686	2.98	cps
Gadolinium	160-2	903	950	943	932	2.71	cps
Holmium	165-1	15155554	15450895	15355465	15320638	0.98	cps
Holmium	165-2	7494253	7466259	7392419	7450977	0.71	cps
Indium	115-1	11522303	11566777	11601858	11563646	0.34	cps
Indium	115-2	2151704	2154589	2160619	2155637	0.21	cps
Iron	56-2	9601649	9588824	9613076	9601183	0.13	cps
Iron	57-2	232647	232152	231990	232263	0.15	cps
Lead	206-1	15877	16410	16722	16336	2.62	cps
Lead	207-1	14837	14920	14592	14783	1.15	cps
Lead	208-1	66322	67881	67909	67371	1.35	cps
Lithium	6-1	1483201	1479281	1457622	1473368	0.94	cps
Magnesium	24-2	115115	114082	115400	114866	0.60	cps
Manganese	55-2	866407	856803	869817	864343	0.78	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6S	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:44:42	DataFile Name :	049SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	42171	41077	42765	42004	2.04	cps
Molybdenum	95-1	73674	71738	70642	72018	2.13	cps
Molybdenum	96-1	74286	76221	75953	75487	1.39	cps
Molybdenum	97-1	46017	44713	44746	45159	1.65	cps
Molybdenum	98-1	116893	119354	114870	117039	1.92	cps
Neodymium	150-1	2447	2474	2394	2438	1.67	cps
Neodymium	150-2	793	1067	877	912	15.36	cps
Nickel	60-2	179612	178590	180668	179623	0.58	cps
Phosphorus	31-2	342	375	317	344	8.50	cps
Potassium	39-2	63755	62189	63947	63297	1.52	cps
Rhodium	103-1	10590442	10518364	10525700	10544835	0.38	cps
Rhodium	103-2	4996371	4996729	5007989	5000363	0.13	cps
Scandium	45-1	6291904	6341157	6326193	6319751	0.40	cps
Scandium	45-2	293118	294453	297041	294871	0.68	cps
Selenium	77-2	37	43	47	42	12.06	cps
Selenium	78-2	272	217	243	244	11.40	cps
Selenium	82-1	1160	1047	1028	1078	6.65	cps
Silicon	28-1	2616079	2699986	2675121	2663729	1.62	cps
Silver	109-1	51996	54339	52038	52791	2.54	cps
Silver	107-1	53954	52950	54891	53932	1.80	cps
Sodium	23-2	5128605	5072054	5098309	5099656	0.55	cps
Strontium	86-1	31469	31461	30868	31266	1.10	cps
Strontium	88-1	256073	255428	252899	254800	0.66	cps
Sulfur	34-1	597862	593746	602126	597911	0.70	cps
Terbium	159-1	15469008	15583320	15474247	15508858	0.42	cps
Terbium	159-2	7318708	7308202	7276325	7301078	0.30	cps
Thallium	203-1	41416	41716	41817	41650	0.50	cps
Thallium	205-1	99655	100621	100572	100283	0.54	cps
Tin	118-1	8720	9262	8753	8912	3.41	cps
Titanium	47-1	3451	3342	3259	3351	2.87	cps
Uranium	238-1	1559	1567	1625	1584	2.29	cps
Vanadium	51-2	98590	100009	101204	99934	1.31	cps
Yttrium	89-1	11362218	11369087	11321572	11350959	0.23	cps
Yttrium	89-2	1648763	1626307	1644471	1639847	0.73	cps
Zinc	66-2	22294	22257	22441	22331	0.44	cps
Zirconium	90-1	1892	2184	2142	2073	7.62	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-03DLX20	Instrumnet Name :	P7
Client Sample ID :	MBDCC6S	Dilution Factor :	20
Date & Time Acquired ::	2017-05-23 14:44:42	DataFile Name :	049SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	542	433	475	483	11.31	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDCC6L	Dilution Factor :	100
Date & Time Acquired ::	2017-05-23 14:48:12	DataFile Name :	050SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2169	1542	3085	2265	34.25	cps
Antimony	121-1	625	750	792	722	12.01	cps
Arsenic	75-2	52	37	43	44	17.07	cps
Barium	135-1	3901	4109	3951	3987	2.73	cps
Barium	137-1	7311	7244	7586	7380	2.46	cps
Beryllium	9-1	128	117	72	106	27.85	cps
Bismuth	209-1	10791372	10760199	10829123	10793565	0.32	cps
Bismuth	209-2	5739095	5777221	5755534	5757284	0.33	cps
Boron	10-1	400	375	467	414	11.45	cps
Boron	11-1	2600	2267	2500	2456	6.97	cps
Cadmium	111-1	2819	2893	2644	2785	4.59	cps
Cadmium	106-1	4001	4092	3742	3945	4.60	cps
Cadmium	108-1	21	38	25	28	31.23	cps
Calcium	43-1	7444	7586	8086	7705	4.38	cps
Calcium	44-1	135481	133379	132699	133853	1.08	cps
Chromium	52-2	648823	648161	649860	648948	0.13	cps
Cobalt	59-2	2570	2550	2664	2595	2.33	cps
Copper	63-2	12282	12149	12172	12201	0.58	cps
Dysprosium	156-1	467	350	350	389	17.32	cps
Dysprosium	156-2	157	167	157	160	3.61	cps
Erbium	164-1	292	308	375	325	13.57	cps
Erbium	164-2	123	143	130	132	7.70	cps
Gadolinium	160-1	508	442	408	453	11.25	cps
Gadolinium	160-2	210	233	250	231	8.69	cps
Holmium	165-1	15393256	15167070	15183747	15248024	0.83	cps
Holmium	165-2	7343957	7413416	7339381	7365585	0.56	cps
Indium	115-1	11563290	11584455	11521732	11556492	0.28	cps
Indium	115-2	2122936	2136782	2102957	2120891	0.80	cps
Iron	56-2	1828544	1829684	1826955	1828394	0.07	cps
Iron	57-2	45159	45928	45287	45458	0.91	cps
Lead	206-1	1756	1889	1550	1732	9.86	cps
Lead	207-1	1511	1495	1411	1472	3.64	cps
Lead	208-1	6929	6929	6395	6751	4.56	cps
Lithium	6-1	1467876	1461631	1472978	1467495	0.39	cps
Magnesium	24-2	23403	23720	23110	23411	1.30	cps
Manganese	55-2	159804	161546	160245	160531	0.56	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDCC6L	Dilution Factor :	100
Date & Time Acquired ::	2017-05-23 14:48:12	DataFile Name :	050SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7661	7736	8386	7928	5.03	cps
Molybdenum	95-1	12998	13691	13515	13401	2.69	cps
Molybdenum	96-1	13958	13732	14083	13924	1.28	cps
Molybdenum	97-1	8611	8461	7611	8228	6.56	cps
Molybdenum	98-1	22436	21567	21434	21812	2.49	cps
Neodymium	150-1	480	453	387	440	10.93	cps
Neodymium	150-2	220	133	143	166	28.64	cps
Nickel	60-2	25392	26130	25866	25796	1.45	cps
Phosphorus	31-2	292	250	400	314	24.67	cps
Potassium	39-2	45270	46340	46164	45925	1.25	cps
Rhodium	103-1	10599250	10473240	10485721	10519404	0.66	cps
Rhodium	103-2	4902698	4948981	4918977	4923552	0.48	cps
Scandium	45-1	6312727	6240062	6343634	6298808	0.84	cps
Scandium	45-2	289367	291348	290867	290527	0.36	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	104	100	94	99	4.68	cps
Selenium	82-1	-75	84	85	31	293.11	cps
Silicon	28-1	835310	839195	822770	832425	1.03	cps
Silver	109-1	267	375	317	319	16.97	cps
Silver	107-1	383	250	342	325	20.99	cps
Sodium	23-2	1029053	1038393	1022138	1029862	0.79	cps
Strontium	86-1	7744	7861	7152	7586	5.01	cps
Strontium	88-1	51050	53024	52697	52257	2.03	cps
Sulfur	34-1	588668	585192	582173	585344	0.56	cps
Terbium	159-1	15522621	15528272	15370046	15473646	0.58	cps
Terbium	159-2	7236572	7130787	7185447	7184269	0.74	cps
Thallium	203-1	225	167	300	231	28.99	cps
Thallium	205-1	492	500	483	492	1.70	cps
Tin	118-1	2184	2375	2275	2278	4.21	cps
Titanium	47-1	842	975	808	875	10.08	cps
Uranium	238-1	308	417	317	347	17.36	cps
Vanadium	51-2	2077	2250	2064	2130	4.89	cps
Yttrium	89-1	11250860	11175746	11153024	11193210	0.46	cps
Yttrium	89-2	1601212	1610090	1600247	1603850	0.34	cps
Zinc	66-2	400	470	440	437	8.04	cps
Zirconium	90-1	858	1317	1275	1150	22.04	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	I3178-01LDLX100	Instrumnet Name :	P7
Client Sample ID :	MBDCC6L	Dilution Factor :	100
Date & Time Acquired ::	2017-05-23 14:48:12	DataFile Name :	050SMPL_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	233	317	272	15.41	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:51:44	DataFile Name :	051CCV_P7052317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6788573	6831123	6889252	6836316	0.74	cps
Antimony	121-1	7587545	7604146	7503052	7564914	0.72	cps
Arsenic	75-2	254083	259634	258331	257349	1.13	cps
Barium	135-1	8978077	9180277	9001268	9053207	1.22	cps
Barium	137-1	15737967	15755717	15603834	15699173	0.53	cps
Beryllium	9-1	1103952	1101530	1102577	1102686	0.11	cps
Bismuth	209-1	9722655	9764715	9563269	9683547	1.10	cps
Bismuth	209-2	5176777	5238583	5252887	5222749	0.77	cps
Boron	10-1	144561	150862	148673	148032	2.16	cps
Boron	11-1	737343	745318	749960	744207	0.86	cps
Cadmium	111-1	1807571	1833182	1815106	1818620	0.72	cps
Cadmium	106-1	205824	205553	204145	205174	0.44	cps
Cadmium	108-1	134636	133404	133450	133830	0.52	cps
Calcium	43-1	9549288	9485527	9447969	9494262	0.54	cps
Calcium	44-1	154042433	154368341	153063528	153824767	0.44	cps
Chromium	52-2	2213359	2249922	2265979	2243086	1.20	cps
Cobalt	59-2	3485156	3557750	3552382	3531763	1.15	cps
Copper	63-2	4887114	4980338	4968015	4945156	1.02	cps
Dysprosium	156-1	267	358	200	275	28.91	cps
Dysprosium	156-2	103	147	83	111	29.13	cps
Erbium	164-1	150	150	67	122	39.37	cps
Erbium	164-2	60	40	23	41	44.66	cps
Gadolinium	160-1	167	267	233	222	22.91	cps
Gadolinium	160-2	83	123	93	100	20.82	cps
Holmium	165-1	14594172	14844847	14720175	14719731	0.85	cps
Holmium	165-2	7121423	7257650	7296890	7225321	1.27	cps
Indium	115-1	10576759	10664127	10537279	10592722	0.61	cps
Indium	115-2	1969177	1999208	2001554	1989979	0.91	cps
Iron	56-2	455339332	462058510	465297010	460898284	1.10	cps
Iron	57-2	11302170	11494833	11580628	11459210	1.24	cps
Lead	206-1	6391413	6412441	6349354	6384403	0.50	cps
Lead	207-1	5890163	5921696	5823706	5878522	0.85	cps
Lead	208-1	26418445	26722194	26224618	26455085	0.95	cps
Lithium	6-1	1373686	1385926	1386704	1382105	0.53	cps
Magnesium	24-2	78737564	79884639	80093168	79571791	0.92	cps
Manganese	55-2	2418931	2459933	2473758	2450874	1.16	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:51:44	DataFile Name :	051CCV_P7052317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6656515	6642834	6595336	6631562	0.48	cps
Molybdenum	95-1	3514431	3506553	3500840	3507275	0.19	cps
Molybdenum	96-1	4489033	4490888	4485158	4488360	0.07	cps
Molybdenum	97-1	2183533	2175151	2164326	2174337	0.44	cps
Molybdenum	98-1	5850051	5823461	5790060	5821191	0.52	cps
Neodymium	150-1	747	687	600	678	10.88	cps
Neodymium	150-2	83	113	70	89	24.97	cps
Nickel	60-2	924234	936695	938868	933266	0.85	cps
Phosphorus	31-2	69521	71413	72243	71059	1.96	cps
Potassium	39-2	37713944	38413916	38651388	38259749	1.27	cps
Rhodium	103-1	9434060	9402805	9334828	9390564	0.54	cps
Rhodium	103-2	4430055	4515224	4486235	4477171	0.97	cps
Scandium	45-1	6105559	6117636	6056115	6093103	0.53	cps
Scandium	45-2	292557	294295	299112	295321	1.15	cps
Selenium	77-2	5208	5294	5114	5205	1.73	cps
Selenium	78-2	17344	17299	17184	17276	0.48	cps
Selenium	82-1	107674	107981	107184	107613	0.37	cps
Silicon	28-1	3876807	3908235	3953187	3912743	0.98	cps
Silver	109-1	8430189	8531441	8537812	8499814	0.71	cps
Silver	107-1	9058878	8931440	8773683	8921334	1.60	cps
Sodium	23-2	145149332	147171332	147665682	146662116	0.91	cps
Strontium	86-1	2273182	2259474	2265916	2266190	0.30	cps
Strontium	88-1	20158387	20041205	20080681	20093424	0.30	cps
Sulfur	34-1	1185022	1185000	1165149	1178390	0.97	cps
Terbium	159-1	14859150	14931150	14881764	14890688	0.25	cps
Terbium	159-2	6918830	7056083	7064094	7013002	1.16	cps
Thallium	203-1	8087176	8120463	8054839	8087493	0.41	cps
Thallium	205-1	19120283	19083266	19100102	19101217	0.10	cps
Tin	118-1	5918651	5957235	5885071	5920319	0.61	cps
Titanium	47-1	927432	923494	912457	921128	0.84	cps
Uranium	238-1	29640724	29766902	29409655	29605760	0.61	cps
Vanadium	51-2	1786259	1814785	1830465	1810503	1.24	cps
Yttrium	89-1	10768344	10745506	10700391	10738080	0.32	cps
Yttrium	89-2	1566478	1589890	1595299	1583889	0.97	cps
Zinc	66-2	708657	726427	718570	717885	1.24	cps
Zirconium	90-1	12654917	12498951	12413375	12522414	0.98	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCV029	Instrumnet Name :	P7
Client Sample ID :	CCV029	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 14:51:44	DataFile Name :	051CCV_P7052317-MS.I

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2763996	2758699	2752584	2758426	0.21	cps

LB Number : LB87664 Operator : Jaswal
 Lab Sample ID : CCB029 Instrumnet Name : P7
 Client Sample ID : CCB029 Dilution Factor : 1
 Date & Time Acquired :: 2017-05-23 15:01:53 DataFile Name : 052CCBE_P7052317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	92	75	72	29.04	cps
Antimony	121-1	10713	12898	14608	12740	15.33	cps
Arsenic	75-2	46	57	57	54	11.94	cps
Barium	135-1	292	108	42	147	87.94	cps
Barium	137-1	400	108	83	197	89.28	cps
Beryllium	9-1	150	128	117	131	12.91	cps
Bismuth	209-1	10835125	10915662	10719373	10823387	0.91	cps
Bismuth	209-2	5774253	5793079	5863661	5810331	0.81	cps
Boron	10-1	1200	1025	950	1058	12.12	cps
Boron	11-1	5393	5251	5351	5332	1.37	cps
Cadmium	111-1	2861	2636	2846	2781	4.52	cps
Cadmium	106-1	3984	3759	4051	3931	3.89	cps
Cadmium	108-1	17	17	8	14	34.67	cps
Calcium	43-1	417	325	200	314	34.65	cps
Calcium	44-1	14350	13624	13390	13788	3.63	cps
Chromium	52-2	1473	1420	1387	1427	3.06	cps
Cobalt	59-2	87	103	73	88	17.12	cps
Copper	63-2	2240	2184	2137	2187	2.37	cps
Dysprosium	156-1	25	42	8	25	66.68	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	42	67	25	44	47.19	cps
Erbium	164-2	33	10	27	23	51.50	cps
Gadolinium	160-1	83	100	117	100	16.66	cps
Gadolinium	160-2	60	53	53	56	6.93	cps
Holmium	165-1	15219256	15179433	15223738	15207476	0.16	cps
Holmium	165-2	7431325	7434787	7493953	7453355	0.47	cps
Indium	115-1	11692301	11649619	11716125	11686015	0.29	cps
Indium	115-2	2164967	2177058	2185653	2175893	0.48	cps
Iron	56-2	7869	7797	8002	7889	1.32	cps
Iron	57-2	206	189	200	198	4.28	cps
Lead	206-1	1911	1950	1878	1913	1.89	cps
Lead	207-1	1700	1678	1489	1622	7.15	cps
Lead	208-1	7757	7823	7018	7533	5.94	cps
Lithium	6-1	1513596	1492645	1513373	1506538	0.80	cps
Magnesium	24-2	350	400	275	342	18.42	cps
Manganese	55-2	133	100	93	109	19.68	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 15:01:53	DataFile Name :	052CCBE_P7052317-M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1425	1350	2109	1628	25.67	cps
Molybdenum	95-1	1225	1267	1609	1367	15.39	cps
Molybdenum	96-1	1158	1567	2050	1592	28.04	cps
Molybdenum	97-1	742	742	1075	853	22.57	cps
Molybdenum	98-1	1792	2184	2942	2306	25.36	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	420	390	380	397	5.25	cps
Phosphorus	31-2	325	325	433	361	17.32	cps
Potassium	39-2	45772	45730	46775	46092	1.28	cps
Rhodium	103-1	10795565	10709816	10704139	10736507	0.48	cps
Rhodium	103-2	5000777	5052757	5045293	5032943	0.56	cps
Scandium	45-1	6561860	6571373	6562448	6565227	0.08	cps
Scandium	45-2	307037	307912	310411	308453	0.57	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	102	93	83	93	10.00	cps
Selenium	82-1	58	137	186	127	50.74	cps
Silicon	28-1	380470	379944	377261	379225	0.45	cps
Silver	109-1	392	292	233	306	26.21	cps
Silver	107-1	500	250	392	381	32.95	cps
Sodium	23-2	42678	42519	40732	41977	2.58	cps
Strontium	86-1	2025	1975	2150	2050	4.40	cps
Strontium	88-1	667	458	392	506	28.38	cps
Sulfur	34-1	627390	627461	616504	623785	1.01	cps
Terbium	159-1	15522321	15592196	15472000	15528839	0.39	cps
Terbium	159-2	7283706	7253313	7290516	7275845	0.27	cps
Thallium	203-1	517	575	492	528	8.10	cps
Thallium	205-1	1467	1117	1142	1242	15.73	cps
Tin	118-1	1700	1308	1742	1584	15.10	cps
Titanium	47-1	117	100	108	108	7.69	cps
Uranium	238-1	484	175	142	267	70.68	cps
Vanadium	51-2	17	17	17	17	0.00	cps
Yttrium	89-1	11416309	11481154	11585188	11494217	0.74	cps
Yttrium	89-2	1668312	1666204	1672356	1668957	0.19	cps
Zinc	66-2	93	120	120	111	13.85	cps
Zirconium	90-1	2267	2142	2442	2284	6.60	cps

LB Number :	LB87664	Operator :	Jaswal
Lab Sample ID :	CCB029	Instrumnet Name :	P7
Client Sample ID :	CCB029	Dilution Factor :	1
Date & Time Acquired ::	2017-05-23 15:01:53	DataFile Name :	052CCBE_P7052317-MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	617	375	567	519	24.56	cps