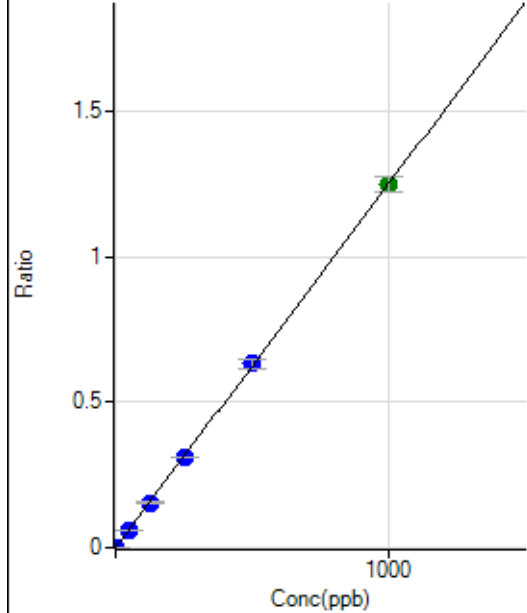


Batch Folder: D:\P8081017 .b\
Analysis File: P8081017 .batch.bin
DA Date-Time: 2017-08-10 19:45:43
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB P8081017.D	S00	2017-08-10 12:28:01
2			
3	006CALC P8081017.D	S02	2017-08-10 12:35:00
4	007CALC P8081017.D	S03	2017-08-10 12:38:28
5	008CALC P8081017.D	S04	2017-08-10 12:41:57
6	009CALC P8081017.D	S05	2017-08-10 12:45:21
7	012CALC P8081017.D	S06	2017-08-10 12:56:27
8	014CALC P8081017.D	S07	2017-08-10 13:02:47
9	015CALC P8081017.D	S08	2017-08-10 13:05:53

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0001	P	22.3
2	☐	0.100					
3	☐	1.000	0.892	1442.71	0.0012	P	2.2
4	☐	50.000	49.479	76288.43	0.0618	P	1.4
5	☐	125.000	123.826	192417.16	0.1546	P	1.0
6	☐	250.000	248.252	383680.25	0.3099	P	1.5
7	☐	500.000	505.715	741038.01	0.6313	P	4.9
8	☐	1000.000	997.753	1449543.07	1.2455	A	4.2
9	☐			514.84	0.0004	P	5.6

$$y = 0.0012 * x + 6.5163E-005$$

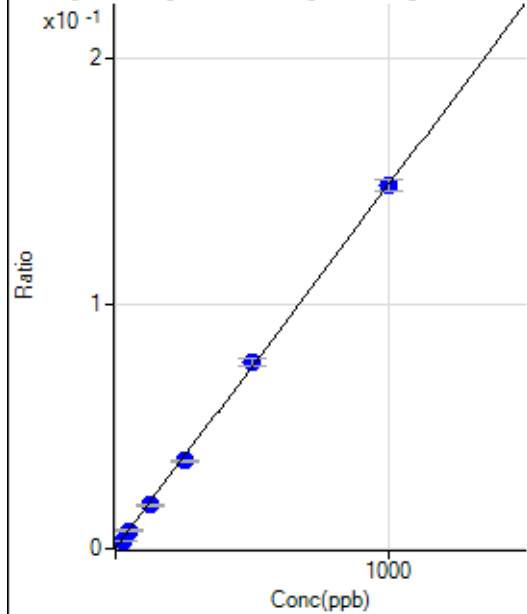
$$R = 1.0000$$

$$DL = 0.03495$$

$$BEC = 0.05221$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.24	0.0002	P	10.9
2	☐	2.500					
3	☐	25.000	20.765	4070.21	0.0033	P	3.8
4	☐	50.000	47.848	9058.78	0.0073	P	5.3
5	☐	125.000	118.466	22173.52	0.0178	P	2.5
6	☐	250.000	239.926	44352.96	0.0358	P	2.4
7	☐	500.000	512.582	89545.40	0.0763	P	3.7
8	☐	1000.000	997.258	172486.19	0.1481	P	3.0
9	☐			7035.39	0.0058	P	8.1

$$y = 1.4830E-004 * x + 2.4729E-004$$

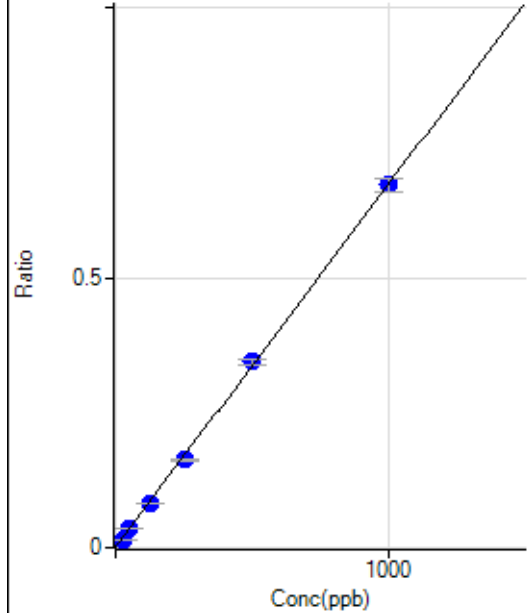
$$R = 0.9998$$

$$DL = 0.5439$$

$$BEC = 1.667$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1333.45	0.0011	P	6.7
2	☐	2.500					
3	☐	25.000	21.352	18929.77	0.0155	P	0.9
4	☐	50.000	48.866	41929.29	0.0340	P	0.4
5	☐	125.000	120.870	102539.74	0.0824	P	1.0
6	☐	250.000	240.989	202000.80	0.1632	P	2.6
7	☐	500.000	509.730	403795.21	0.3439	P	3.8
8	☐	1000.000	998.052	782563.14	0.6723	P	3.7
9	☐			32437.75	0.0268	P	6.1

$$y = 6.7249\text{E-}004 * x + 0.0011$$

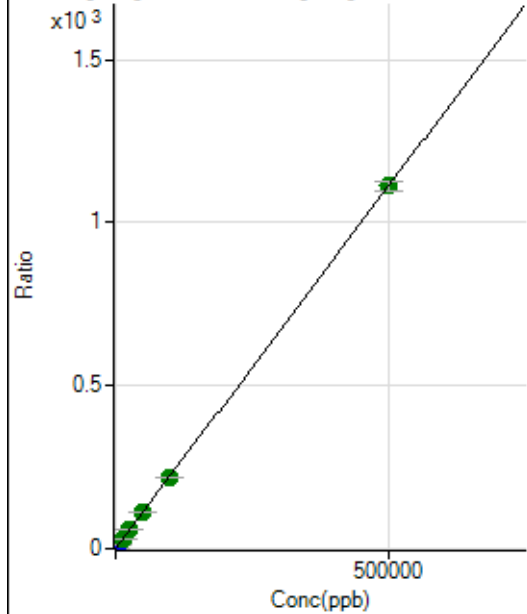
$$R = 0.9999$$

$$DL = 0.3323$$

$$BEC = 1.656$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4864.92	0.1087	P	3.0
2	☐	50.000					
3	☐	500.000	455.577	51148.42	1.1219	P	1.6
4	☐	5000.000	4962.250	507566.76	11.1441	P	1.3
5	☐	12500.000	12860.956	1283165.42	28.7099	A	1.7
6	☐	25000.000	25398.100	2497439.16	56.5909	A	1.2
7	☐	50000.000	49713.490	4640209.39	110.6652	A	1.0
8	☐	100000.00	98671.648	9075771.47	219.5418	A	1.0
9	☐	500000.00	500265.81	48229105.59	1,112.635	A	2.9

$$y = 0.0022 * x + 0.1087$$

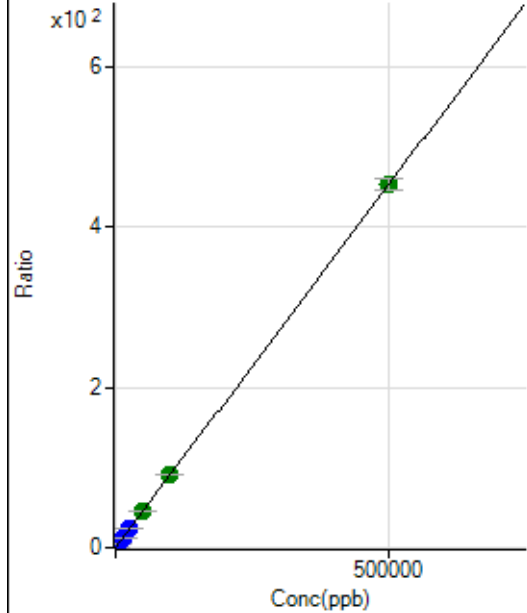
$$R = 1.0000$$

$$DL = 4.367$$

$$BEC = 48.9$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.90	0.0031	P	33.2
2	☐	50.000					
3	☐	500.000	452.440	18788.00	0.4121	P	1.7
4	☐	5000.000	5036.130	207495.67	4.5557	P	1.2
5	☐	12500.000	12693.311	512994.02	11.4777	P	1.6
6	☐	25000.000	25293.020	1009193.55	22.8677	P	0.7
7	☐	50000.000	50095.571	1899036.35	45.2889	A	0.5
8	☐	100000.00	99758.911	3728292.36	90.1839	A	0.5
9	☐	500000.00	500018.86	19591958.25	452.0141	A	3.2

$$y = 9.0399\text{E-}004 * x + 0.0031$$

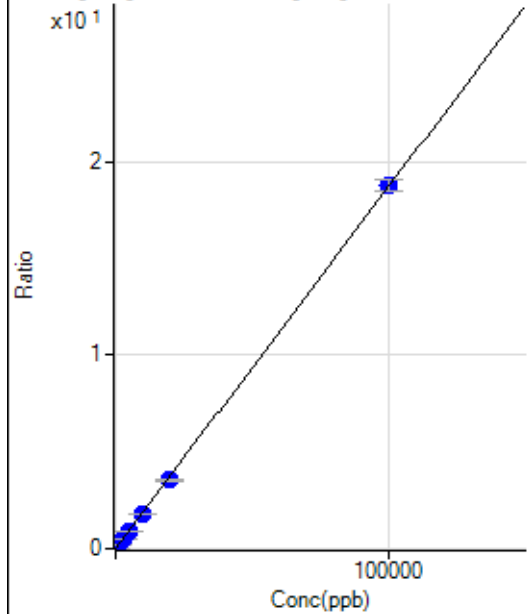
$$R = 1.0000$$

$$DL = 3.41$$

$$BEC = 3.427$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0008	P	47.7
2	☐	2.000					
3	☐	20.000	15.882	172.23	0.0038	P	11.1
4	☐	1000.000	998.294	8541.84	0.1876	P	2.6
5	☐	2500.000	2501.367	20949.62	0.4687	P	4.1
6	☐	5000.000	4894.241	40441.99	0.9164	P	1.2
7	☐	10000.000	9598.841	75325.37	1.7964	P	0.7
8	☐	20000.000	18944.744	146535.36	3.5447	P	1.2
9	☐	100000.00	100256.43	812904.01	18.7554	P	3.3

$$y = 1.8707\text{E-}004 * x + 8.0646\text{E-}004$$

$$R = 0.9999$$

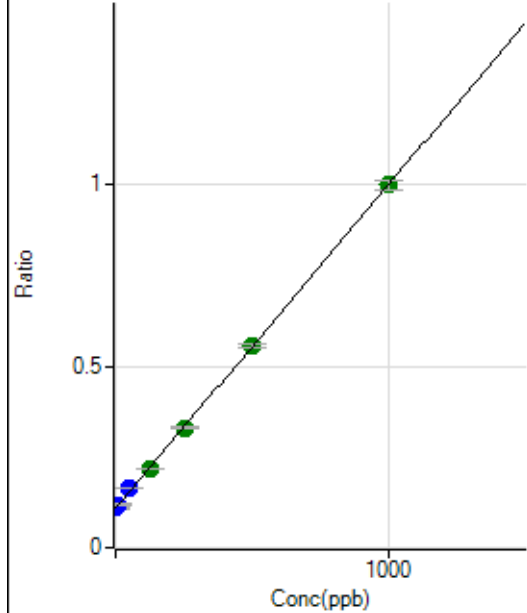
$$DL = 6.168$$

$$BEC = 4.311$$

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	450934.43	0.1087	P	1.8
2	☐	1.000					
3	☐	10.000	11.579	502692.73	0.1190	P	0.5
4	☐	50.000	62.950	703774.86	0.1649	P	0.9
5	☐	125.000	122.076	927351.75	0.2176	A	0.5
6	☐	250.000	248.123	1399221.51	0.3301	A	0.7
7	☐	500.000	502.451	2221104.08	0.5570	A	1.6
8	☐	1000.000	998.946	3927353.08	1.0000	A	3.0
9	☐			483639.51	0.1161	P	0.6

$$y = 8.9223\text{E-}004 * x + 0.1087$$

$$R = 0.9999$$

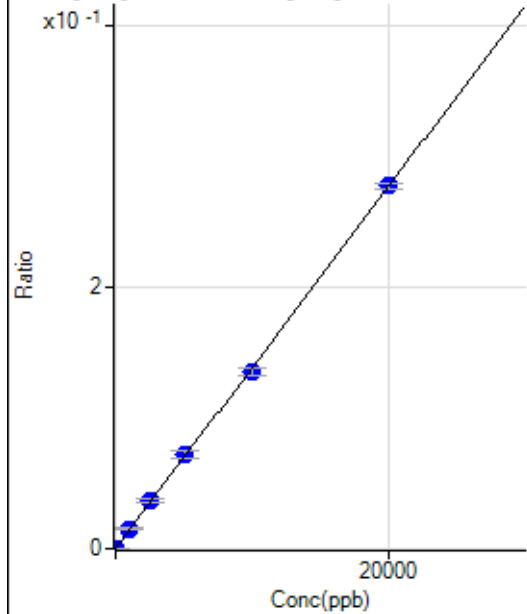
$$DL = 6.649$$

$$BEC = 121.8$$

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	-2.164	5.56	0.0001	P	173.2
2	☐	0.000					
3	☐	0.000	2.164	8.33	0.0002	P	100.1
4	☐	1000.000	1076.807	686.16	0.0151	P	10.8
5	☐	2500.000	2644.831	1644.61	0.0368	P	8.5
6	☐	5000.000	5199.551	3183.85	0.0721	P	9.3
7	☐	10000.000	9787.065	5690.28	0.1357	P	4.4
8	☐	20000.000	20034.636	11474.58	0.2775	P	1.9
9	☐			8.33	0.0002	P	100.1

$$y = 1.3846\text{E-}005 * x + 1.5297\text{E-}004$$

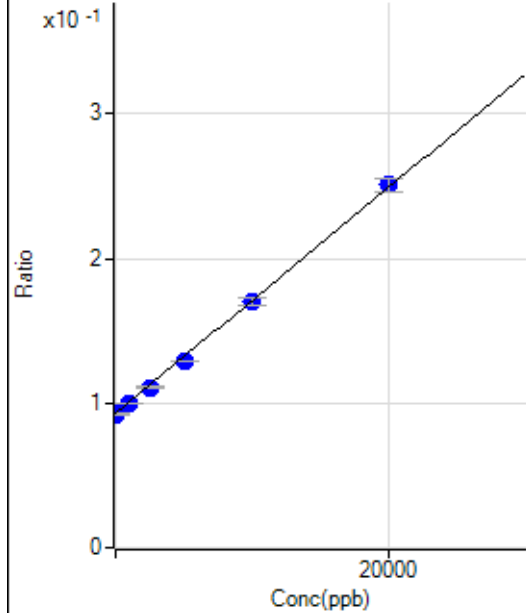
$$R = 0.9998$$

$$DL = 42.91$$

$$BEC = 11.05$$

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	84.041	388851.85	0.0937	P	1.8
2	☐	0.000					
3	☐	0.000	-84.041	390307.69	0.0924	P	0.8
4	☐	1000.000	827.162	424942.57	0.0995	P	0.5
5	☐	2500.000	2290.293	472895.31	0.1110	P	0.3
6	☐	5000.000	4619.996	547584.94	0.1292	P	0.6
7	☐	10000.000	9862.535	678383.70	0.1701	P	3.0
8	☐	20000.000	20198.589	985257.50	0.2509	P	3.5
9	☐			378537.96	0.0909	P	1.2

$$y = 7.8134\text{E-}006 * x + 0.0931$$

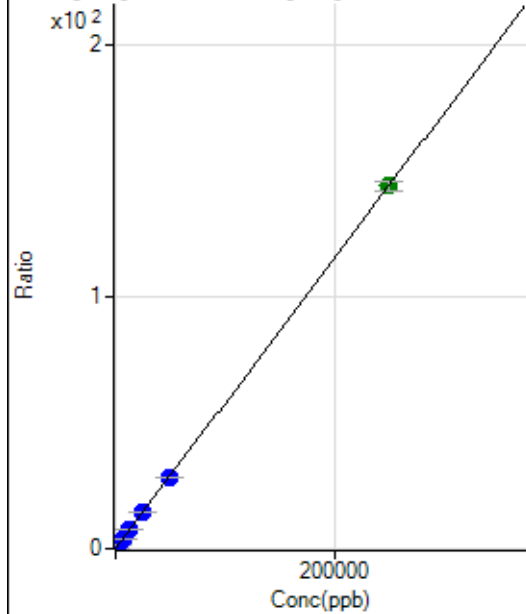
$$R = 0.9997$$

$$DL = 464.5$$

$$BEC = 1.191\text{E}+04$$

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	3795.15	0.0848	P	2.8
2	☐	50.000					
3	☐	500.000	447.864	15603.65	0.3423	P	2.3
4	☐	2500.000	2539.979	70368.30	1.5447	P	1.5
5	☐	6250.000	6430.066	168986.00	3.7807	P	1.1
6	☐	12500.000	12619.141	323840.53	7.3380	P	0.7
7	☐	25000.000	24541.707	595037.97	14.1908	P	0.5
8	☐	50000.000	48632.599	1159073.25	28.0377	P	0.5
9	☐	250000.00	250308.55	6239940.24	143.9560	A	2.9

$$y = 5.7478\text{E-}004 * x + 0.0848$$

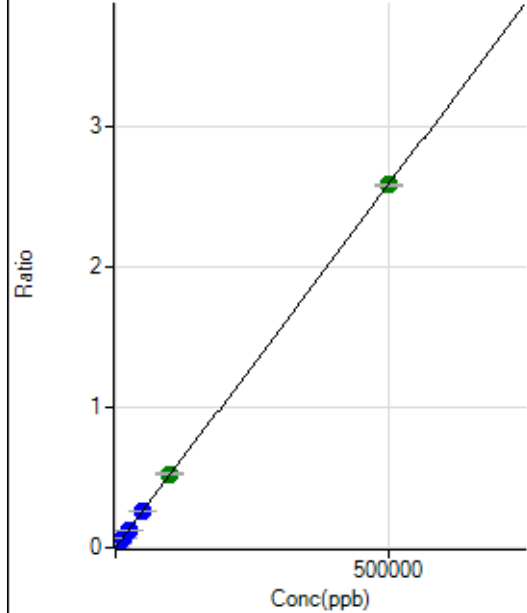
$$R = 1.0000$$

$$DL = 12.38$$

$$BEC = 147.6$$

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	2717.06	0.0007	P	4.8
2	☐	50.000					
3	☐	500.000	440.241	12394.87	0.0029	P	2.8
4	☐	5000.000	4864.505	110330.92	0.0258	P	0.7
5	☐	12500.000	12260.889	273356.42	0.0641	P	0.2
6	☐	25000.000	24589.270	542562.78	0.1280	P	0.3
7	☐	50000.000	50672.833	1048911.47	0.2631	P	2.7
8	☐	100000.00	101285.59	2062371.62	0.5252	A	3.4
9	☐	500000.00	499703.52	10782592.69	2.5884	A	0.3

$$y = 5.1786\text{E-}006 * x + 6.5512\text{E-}004$$

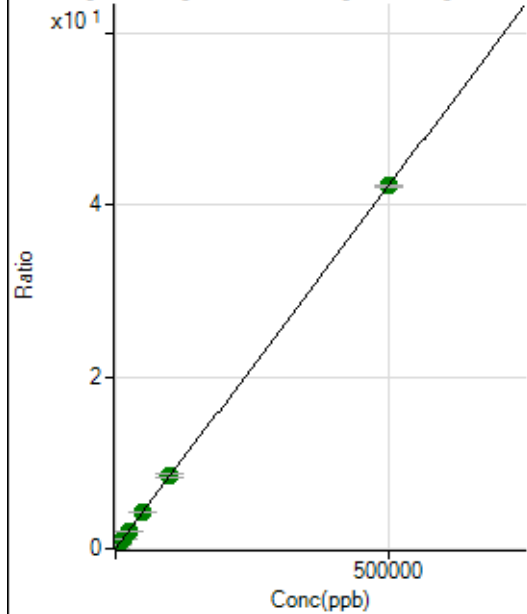
$$R = 1.0000$$

$$DL = 18.4$$

$$BEC = 126.5$$

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	49357.24	0.0119	P	0.8
2	☐	50.000					
3	☐	500.000	445.512	208863.37	0.0495	P	1.0
4	☐	5000.000	5004.085	1851695.18	0.4338	A	1.4
5	☐	12500.000	12387.869	4501288.34	1.0563	A	0.6
6	☐	25000.000	24504.076	8808182.40	2.0779	A	0.1
7	☐	50000.000	50509.368	17025792.91	4.2704	A	3.3
8	☐	100000.00	99846.152	33098242.76	8.4301	A	4.3
9	☐	500000.00	500007.44	175661521.9	42.1683	A	0.2

$$y = 8.4311\text{E-}005 * x + 0.0119$$

$$R = 1.0000$$

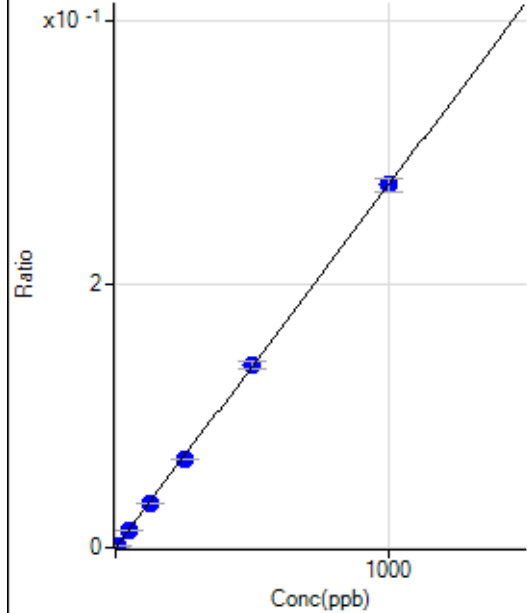
$$DL = 3.468$$

$$BEC = 141.1$$

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	130.56	0.0000	P	15.7
2	☐	0.500					
3	☐	5.000	4.670	5554.13	0.0013	P	1.8
4	☐	50.000	48.760	57349.00	0.0134	P	1.0
5	☐	125.000	122.587	143721.93	0.0337	P	0.5
6	☐	250.000	243.516	283862.38	0.0670	P	1.5
7	☐	500.000	503.521	551906.06	0.1384	P	3.9
8	☐	1000.000	1000.226	1079723.23	0.2750	P	3.8
9	☐			880.62	0.0002	P	8.7

$$y = 2.7487\text{E-}004 * x + 3.1539\text{E-}005$$

$$R = 1.0000$$

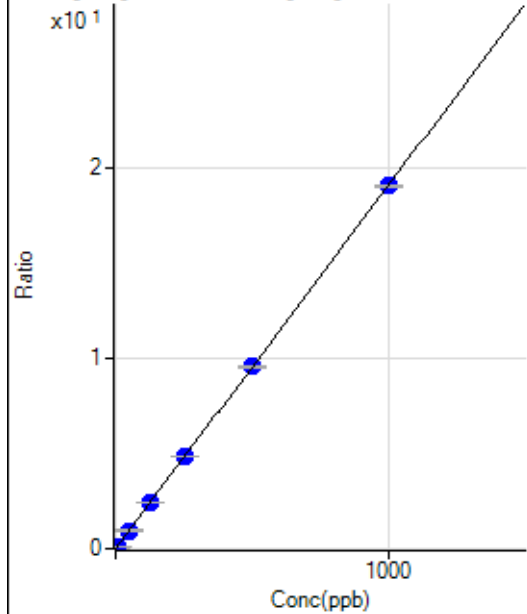
$$DL = 0.05394$$

$$BEC = 0.1147$$

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	21.11	0.0005	P	33.6
2	☐	0.500					
3	☐	5.000	4.563	3998.42	0.0877	P	4.3
4	☐	50.000	49.971	43526.38	0.9557	P	1.2
5	☐	125.000	126.856	108402.85	2.4253	P	1.1
6	☐	250.000	254.726	214902.93	4.8695	P	0.6
7	☐	500.000	500.511	401167.09	9.5677	P	1.3
8	☐	1000.000	998.335	788913.75	19.0835	P	0.4
9	☐			206.67	0.0048	P	4.7

$$y = 0.0191 * x + 4.7281\text{E-}004$$

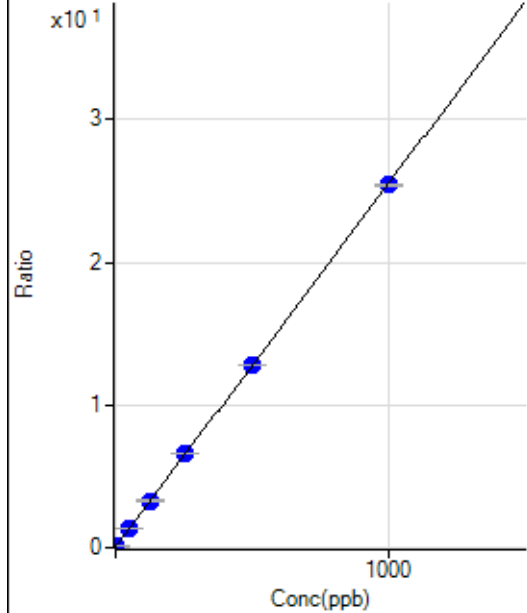
$$R = 1.0000$$

$$DL = 0.02495$$

$$BEC = 0.02473$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1111.18	0.0248	P	5.2
2	☐	0.200					
3	☐	2.000	1.937	3381.58	0.0742	P	3.3
4	☐	50.000	51.431	60807.09	1.3350	P	0.7
5	☐	125.000	128.397	147304.48	3.2957	P	1.3
6	☐	250.000	257.115	290154.80	6.5747	P	0.9
7	☐	500.000	502.464	537767.54	12.8249	P	0.4
8	☐	1000.000	996.493	1050464.63	25.4101	P	0.3
9	☐			5192.17	0.1198	P	4.1

$$y = 0.0255 * x + 0.0248$$

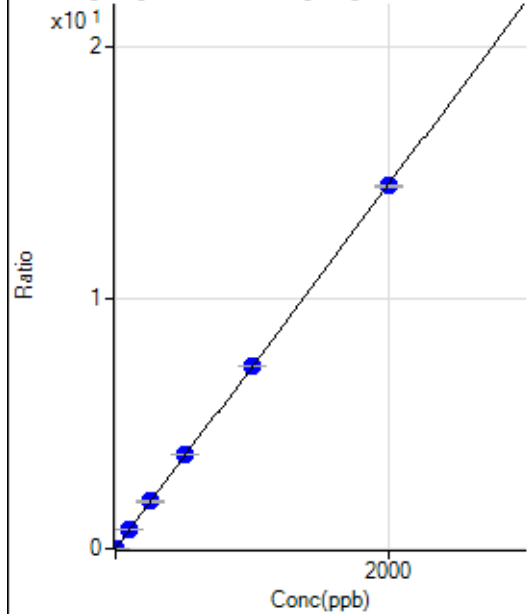
$$R = 1.0000$$

$$DL = 0.1534$$

$$BEC = 0.975$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.56	0.0028	P	10.1
2	☐	0.100					
3	☐	1.000	1.039	472.24	0.0104	P	2.2
4	☐	100.000	102.930	34187.48	0.7506	P	1.1
5	☐	250.000	259.041	84229.85	1.8847	P	2.5
6	☐	500.000	515.810	165498.30	3.7501	P	0.6
7	☐	1000.000	1004.288	306058.45	7.2988	P	0.5
8	☐	2000.000	1992.627	598563.35	14.4789	P	0.3
9	☐			1704.58	0.0393	P	1.6

$$y = 0.0073 * x + 0.0028$$

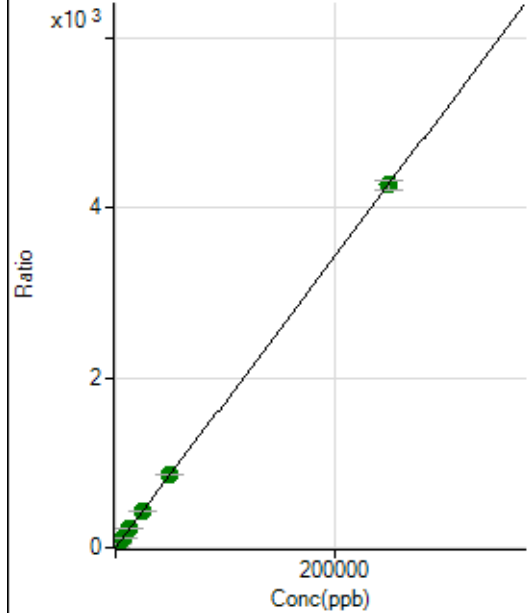
$$R = 1.0000$$

$$DL = 0.1166$$

$$BEC = 0.3863$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3524.63	0.0788	P	6.7
2	☐	5.000					
3	☐	50.000	46.939	40169.53	0.8811	P	1.5
4	☐	2500.000	2610.266	2035617.77	44.6928	A	1.0
5	☐	6250.000	6517.267	4982393.34	111.4702	A	1.0
6	☐	12500.000	12913.505	9744031.24	220.7929	A	0.7
7	☐	25000.000	25220.234	18078207.35	431.1362	A	0.5
8	☐	50000.000	50254.663	35511772.32	859.0179	A	0.6
9	☐	250000.00	249898.58	185151011.5	4,271.277	A	2.7

$$y = 0.0171 * x + 0.0788$$

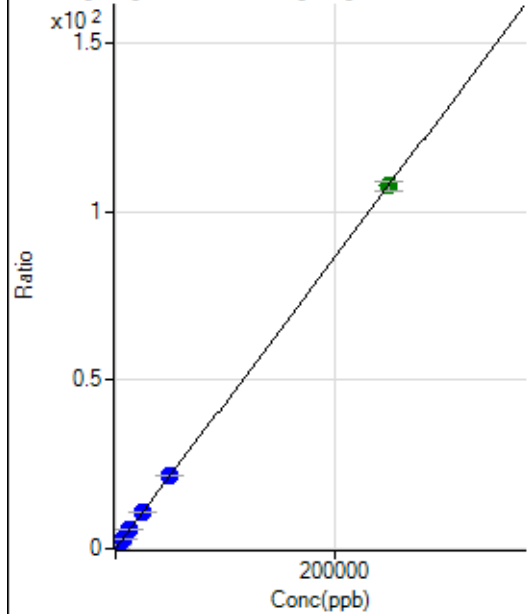
$$R = 1.0000$$

$$DL = 0.9317$$

$$BEC = 4.611$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.75	0.0020	P	15.0
2	☐	5.000					
3	☐	50.000	48.087	1037.11	0.0227	P	6.7
4	☐	2500.000	2552.040	50172.10	1.1015	P	0.2
5	☐	6250.000	6533.130	125891.42	2.8166	P	1.7
6	☐	12500.000	12948.188	246270.25	5.5804	P	1.3
7	☐	25000.000	25274.059	456675.11	10.8907	P	1.0
8	☐	50000.000	50188.983	893968.40	21.6246	P	0.4
9	☐	250000.00	249904.79	4667524.70	107.6666	A	2.3

$$y = 4.3082E-004 * x + 0.0020$$

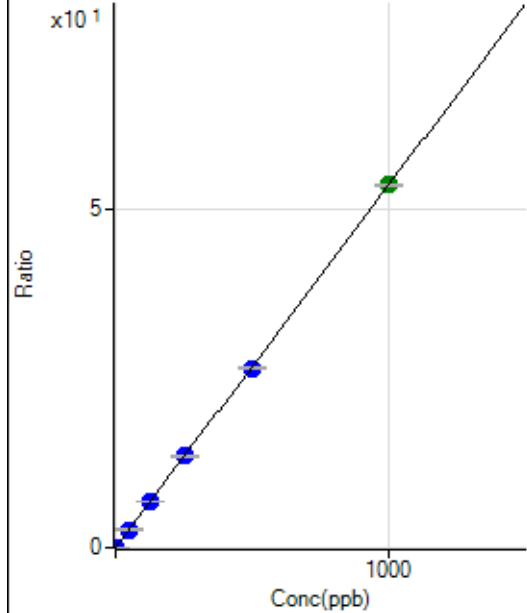
$$R = 1.0000$$

$$DL = 2.115$$

$$BEC = 4.712$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0013	P	20.9
2	☐	0.100					
3	☐	1.000	0.902	2263.56	0.0497	P	6.0
4	☐	50.000	50.115	122492.48	2.6894	P	1.3
5	☐	125.000	126.840	304152.69	6.8050	P	1.4
6	☐	250.000	252.190	597056.58	13.5288	P	0.4
7	☐	500.000	495.751	1115112.55	26.5934	P	0.4
8	☐	1000.000	1001.341	2220488.23	53.7135	A	0.8
9	☐			2779.21	0.0641	P	3.1

$$y = 0.0536 * x + 0.0013$$

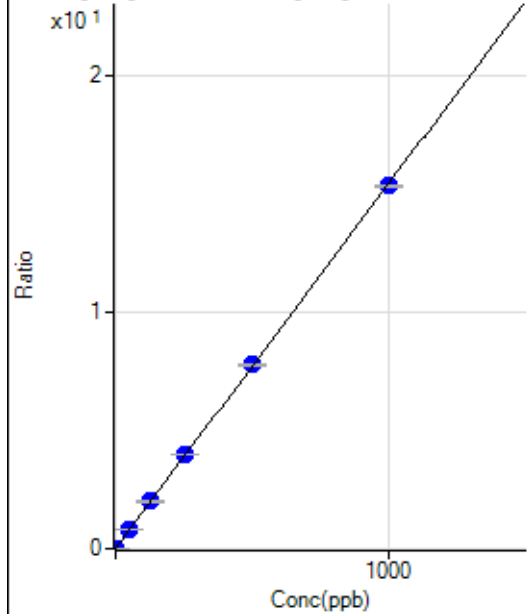
$$R = 1.0000$$

$$DL = 0.01477$$

$$BEC = 0.0236$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	278.90	0.0062	P	4.3
2	☐	0.100					
3	☐	1.000	0.961	958.94	0.0210	P	3.4
4	☐	50.000	51.575	36444.52	0.8002	P	1.4
5	☐	125.000	129.739	89543.31	2.0034	P	1.6
6	☐	250.000	258.345	175787.17	3.9832	P	0.6
7	☐	500.000	504.993	326220.16	7.7801	P	1.0
8	☐	1000.000	994.746	633299.48	15.3194	P	0.6
9	☐			1785.70	0.0412	P	2.8

$$y = 0.0154 * x + 0.0062$$

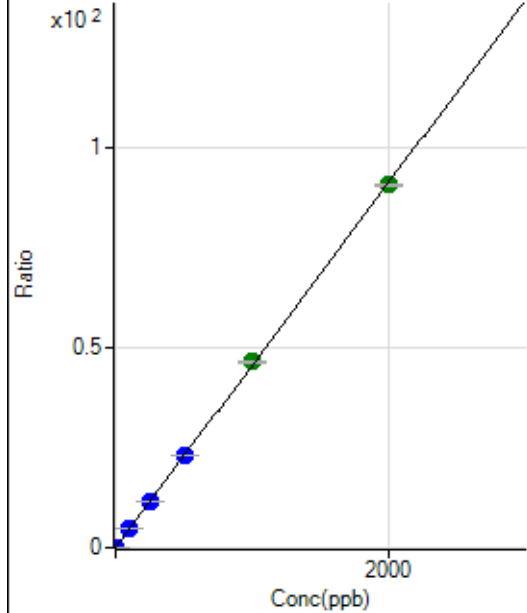
$$R = 0.9999$$

$$DL = 0.05207$$

$$BEC = 0.405$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	237.78	0.0053	P	8.6
2	☐	0.200					
3	☐	2.000	2.068	4547.49	0.0997	P	1.6
4	☐	100.000	101.182	210618.64	4.6243	P	1.3
5	☐	250.000	255.695	521939.37	11.6779	P	1.6
6	☐	500.000	508.100	1023873.20	23.2003	P	0.7
7	☐	1000.000	1017.224	1947372.89	46.4421	A	0.5
8	☐	2000.000	1988.592	3753040.29	90.7855	A	0.7
9	☐			5652.35	0.1304	P	2.3

$$y = 0.0457 * x + 0.0053$$

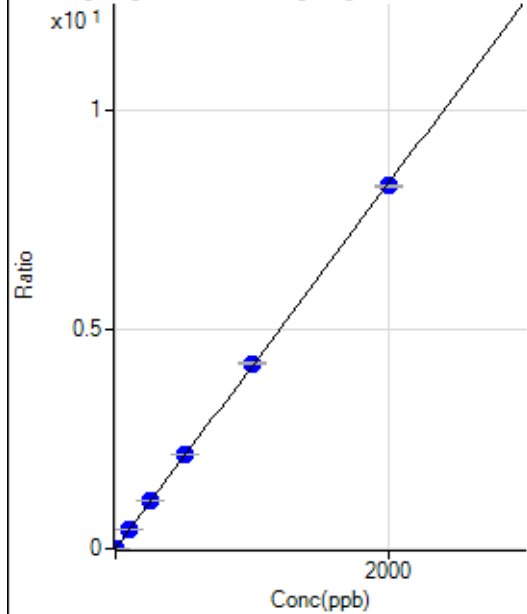
$$R = 0.9999$$

$$DL = 0.03019$$

$$BEC = 0.1165$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0022	P	16.7
2	☐	0.200					
3	☐	2.000	2.121	504.46	0.0111	P	1.9
4	☐	100.000	102.827	19599.56	0.4304	P	2.3
5	☐	250.000	263.883	49203.86	1.1009	P	1.8
6	☐	500.000	519.665	95584.12	2.1658	P	0.3
7	☐	1000.000	1014.132	177145.80	4.2245	P	0.5
8	☐	2000.000	1986.141	341944.88	8.2715	P	0.3
9	☐			1237.85	0.0285	P	2.9

$$y = 0.0042 * x + 0.0022$$

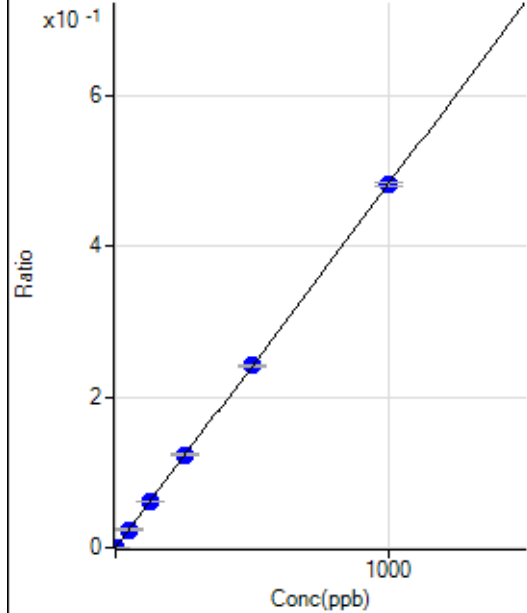
$$R = 0.9999$$

$$DL = 0.2685$$

$$BEC = 0.5363$$

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	5.55	0.0000	P	57.0
2	☐	0.100					
3	☐	1.000	0.993	148.15	0.0005	P	4.1
4	☐	50.000	50.032	7237.75	0.0242	P	2.1
5	☐	125.000	126.606	18255.36	0.0611	P	1.7
6	☐	250.000	254.941	35643.39	0.1230	P	1.5
7	☐	500.000	501.392	67016.21	0.2419	P	0.9
8	☐	1000.000	997.866	130234.87	0.4813	P	1.1
9	☐			41.97	0.0001	P	27.5

$$y = 4.8232\text{E-}004 * x + 1.8618\text{E-}005$$

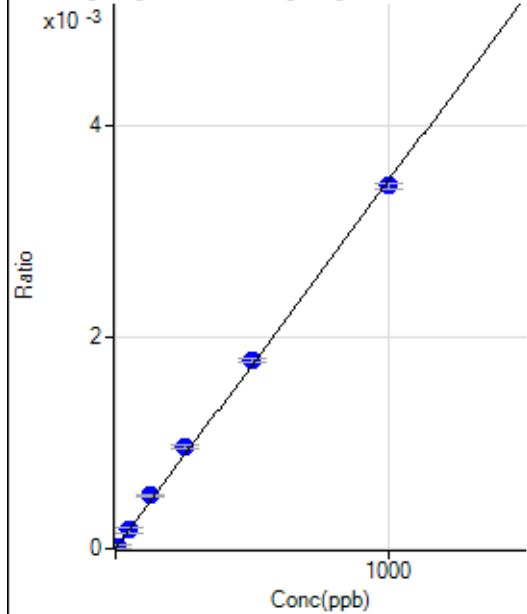
$$R = 1.0000$$

$$DL = 0.06597$$

$$BEC = 0.0386$$

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	5.328	5.55	0.0000	P	124.7
4	☐	50.000	51.052	53.33	0.0002	P	27.3
5	☐	125.000	143.974	150.00	0.0005	P	3.6
6	☐	250.000	274.859	277.79	0.0010	P	3.5
7	☐	500.000	510.688	493.35	0.0018	P	1.8
8	☐	1000.000	986.015	930.05	0.0034	P	1.6
9	☐			1.11	0.0000	P	173.2

$$y = 3.4860\text{E-}006 * x + 0.0000\text{E+}000$$

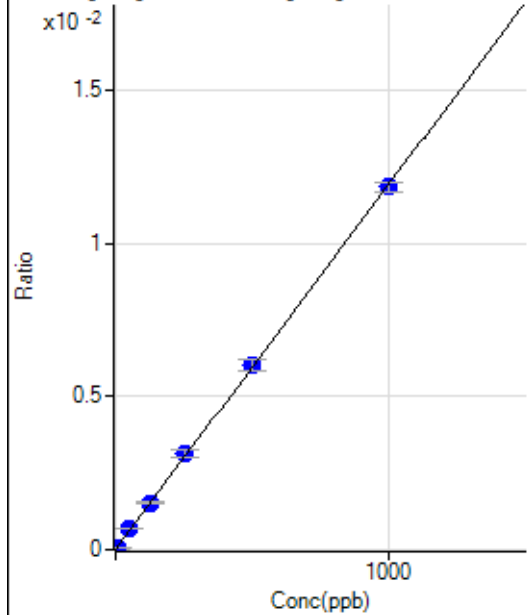
$$R = 0.9994$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.47	0.0000	P	43.7
2	☐	0.500					
3	☐	5.000	5.056	20.37	0.0001	P	24.4
4	☐	50.000	55.771	201.24	0.0007	P	3.3
5	☐	125.000	127.665	456.19	0.0015	P	3.9
6	☐	250.000	261.822	904.98	0.0031	P	7.9
7	☐	500.000	504.522	1664.93	0.0060	P	6.3
8	☐	1000.000	994.161	3201.02	0.0118	P	2.8
9	☐			4.32	0.0000	P	64.6

$$y = 1.1892E-005 * x + 8.3012E-006$$

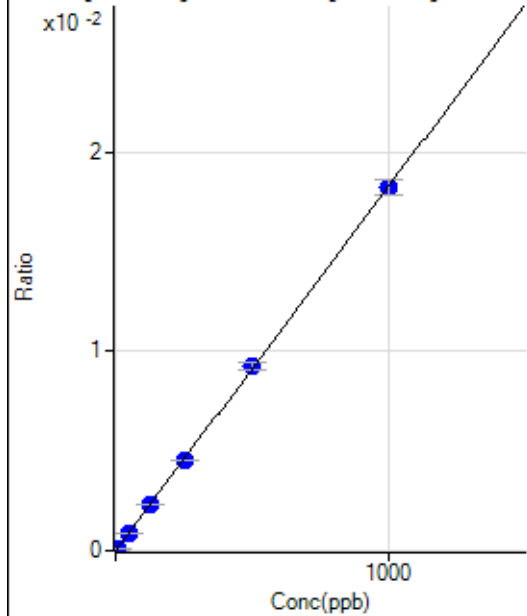
$$R = 0.9999$$

$$DL = 0.9142$$

$$BEC = 0.6981$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-42.85	0.0000	P	-137.
2	☐	0.500					
3	☐	5.000	4.883	548.68	0.0001	P	13.9
4	☐	50.000	49.129	5969.37	0.0009	P	2.6
5	☐	125.000	125.645	15426.94	0.0023	P	0.8
6	☐	250.000	249.254	30890.74	0.0046	P	0.5
7	☐	500.000	507.182	60577.31	0.0093	P	4.5
8	☐	1000.000	996.559	117523.98	0.0182	P	4.2
9	☐			28.06	0.0000	P	175.4

$$y = 1.8286E-005 * x - 6.4901E-006$$

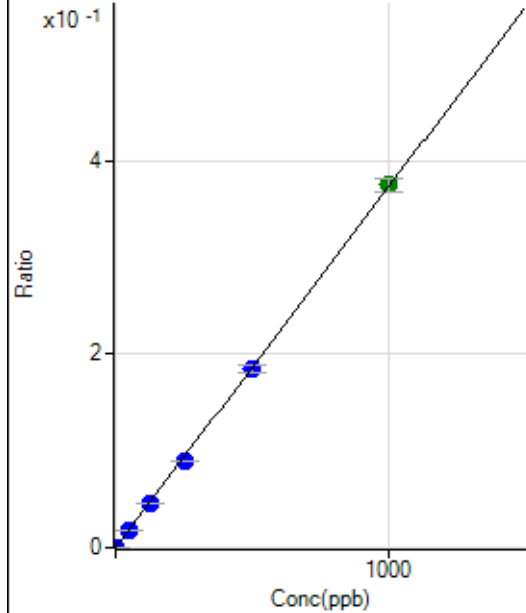
$$R = 1.0000$$

$$DL = 1.466$$

$$BEC = -0.3549$$

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	1347.35	0.0002	P	12.9
2	☐	0.100					
3	☐	1.000	0.916	3622.87	0.0005	P	4.0
4	☐	50.000	48.017	121026.08	0.0181	P	0.9
5	☐	125.000	121.044	304823.83	0.0453	P	1.2
6	☐	250.000	239.226	605876.18	0.0893	P	0.5
7	☐	500.000	493.594	1202502.72	0.1840	P	4.2
8	☐	1000.000	1006.490	2419119.98	0.3749	A	3.7
9	☐			85665.49	0.0126	P	0.5

$$y = 3.7229\text{E-}004 * x + 2.0600\text{E-}004$$

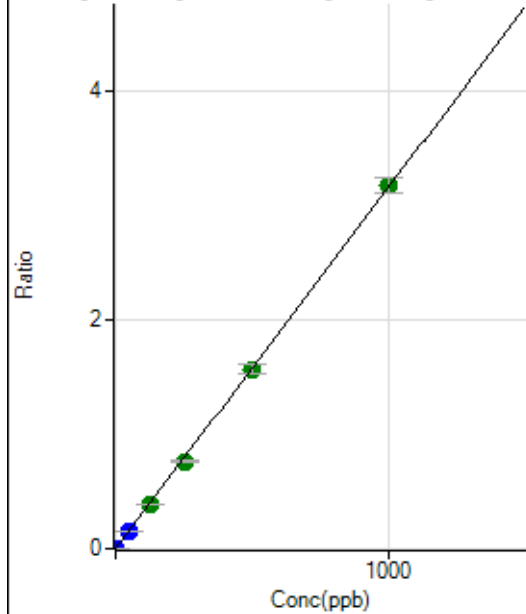
$$R = 0.9999$$

$$DL = 0.2144$$

$$BEC = 0.5533$$

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	563.93	0.0001	P	13.6
2	☐	0.100					
3	☐	1.000	0.913	19648.21	0.0030	P	0.3
4	☐	50.000	48.805	1031232.74	0.1541	P	0.0
5	☐	125.000	123.370	2621630.03	0.3893	A	0.8
6	☐	250.000	242.046	5183877.07	0.7638	A	0.6
7	☐	500.000	496.803	10244972.62	1.5676	A	5.0
8	☐	1000.000	1003.851	20433235.70	3.1674	A	4.4
9	☐			726387.46	0.1070	P	1.0

$$y = 0.0032 * x + 8.6446\text{E-}005$$

$$R = 1.0000$$

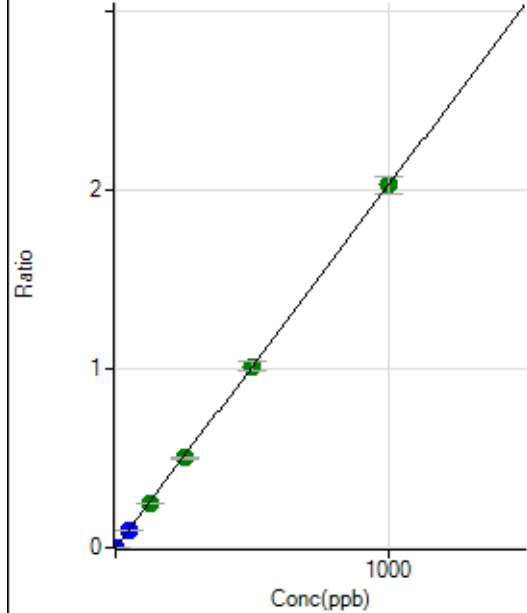
$$DL = 0.01122$$

$$BEC = 0.0274$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	444.47	0.0001	P	14.2
2	☐	0.100					
3	☐	1.000	0.862	12041.94	0.0018	P	1.1
4	☐	50.000	48.402	658349.65	0.0984	P	0.4
5	☐	125.000	123.736	1692496.52	0.2513	A	1.0
6	☐	250.000	246.862	3403058.36	0.5014	A	0.8
7	☐	500.000	500.618	6645215.95	1.0167	A	4.6
8	☐	1000.000	1000.713	13107850.03	2.0323	A	5.0
9	☐			2464.21	0.0004	P	7.0

$$y = 0.0020 * x + 6.8161E-005$$

$$R = 1.0000$$

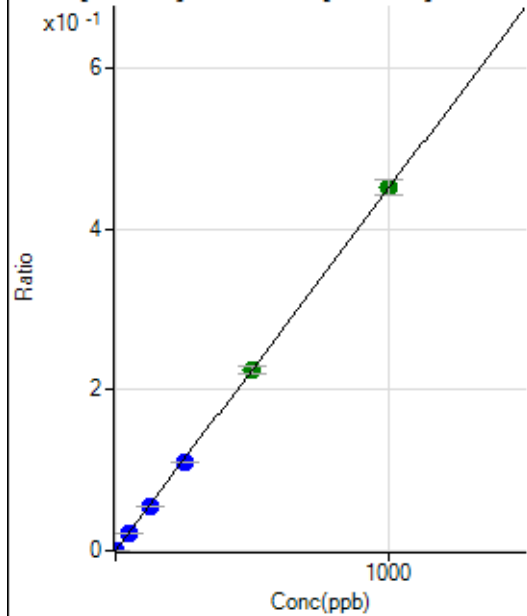
$$DL = 0.01433$$

$$BEC = 0.03356$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	41.6
2	☐	0.100					
3	☐	1.000	0.872	2683.73	0.0004	P	2.7
4	☐	50.000	47.853	144350.60	0.0216	P	0.6
5	☐	125.000	121.229	367780.12	0.0546	P	0.1
6	☐	250.000	243.042	743098.40	0.1095	P	0.7
7	☐	500.000	501.404	1476336.17	0.2259	A	4.3
8	☐	1000.000	1001.617	2910665.08	0.4512	A	4.3
9	☐			508.37	0.0001	P	5.0

$$y = 4.5043E-004 * x + 1.2341E-005$$

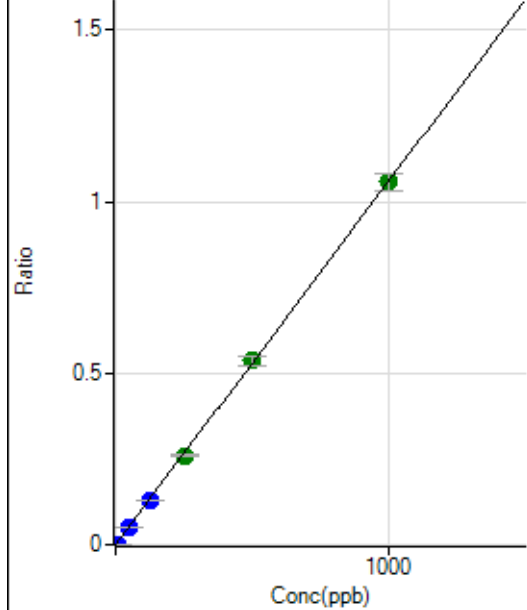
$$R = 1.0000$$

$$DL = 0.03417$$

$$BEC = 0.0274$$

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	188.90	0.0000	P	11.0
2	☐	0.500					
3	☐	5.000	1.926	13699.12	0.0021	P	1.8
4	☐	50.000	47.758	338634.95	0.0506	P	0.7
5	☐	125.000	120.377	858435.00	0.1275	P	0.5
6	☐	250.000	245.963	1767786.93	0.2605	A	0.3
7	☐	500.000	505.779	3500499.08	0.5356	A	4.5
8	☐	1000.000	998.825	6822210.31	1.0576	A	4.6
9	☐			3206.07	0.0005	P	3.1

$$y = 0.0011 * x + 2.8922E-005$$

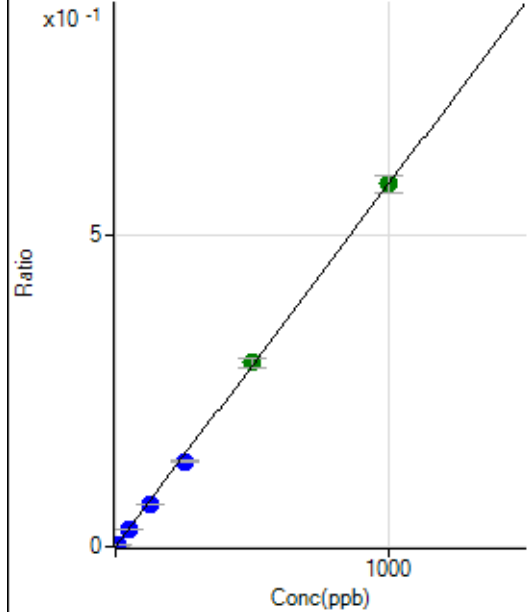
$$R = 1.0000$$

$$DL = 0.008985$$

$$BEC = 0.02732$$

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	33.33	0.0000	P	26.7
2	☐	0.500					
3	☐	5.000	4.264	16474.47	0.0025	P	2.2
4	☐	50.000	46.900	182723.86	0.0273	P	0.9
5	☐	125.000	117.892	462041.37	0.0686	P	0.7
6	☐	250.000	235.678	930976.48	0.1372	P	0.5
7	☐	500.000	507.549	1930607.07	0.2954	A	4.8
8	☐	1000.000	1000.853	3757504.69	0.5825	A	4.6
9	☐			3806.27	0.0006	P	7.8

$$y = 5.8199E-004 * x + 5.1169E-006$$

$$R = 0.9998$$

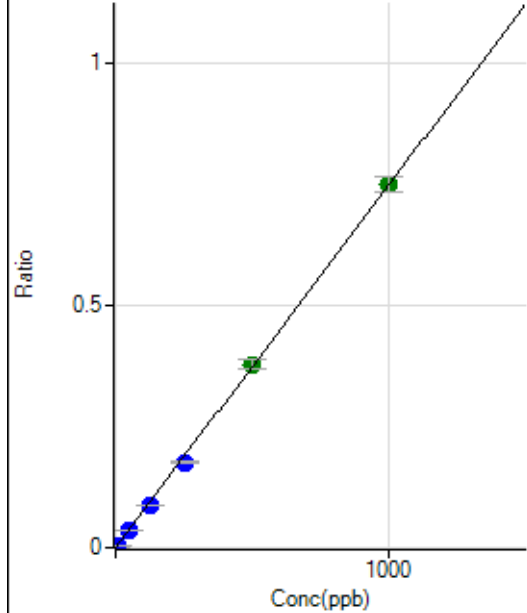
$$DL = 0.00703$$

$$BEC = 0.008792$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.12	0.0000	P	6.6
2	☐	0.500					
3	☐	5.000	3.645	18087.80	0.0027	P	3.1
4	☐	50.000	46.738	233632.73	0.0349	P	0.8
5	☐	125.000	118.237	594516.01	0.0883	P	0.9
6	☐	250.000	235.876	1195409.82	0.1761	P	0.6
7	☐	500.000	505.604	2467137.62	0.3775	A	5.3
8	☐	1000.000	1001.744	4825220.29	0.7480	A	4.4
9	☐			6521.30	0.0010	P	1.2

$$y = 7.4665\text{E-}004 * x + 9.3521\text{E-}006$$

$$R = 0.9999$$

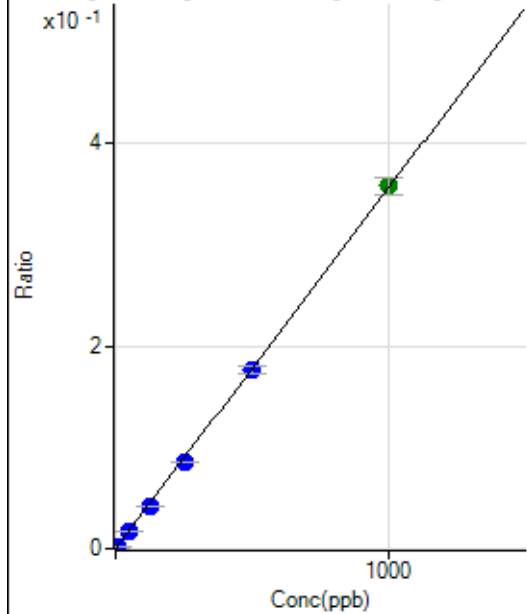
$$DL = 0.002479$$

$$BEC = 0.01253$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	35.7
2	☐	0.500					
3	☐	5.000	4.265	10090.26	0.0015	P	1.9
4	☐	50.000	46.859	111729.99	0.0167	P	0.6
5	☐	125.000	119.534	286689.80	0.0426	P	0.1
6	☐	250.000	239.041	577838.93	0.0851	P	0.3
7	☐	500.000	495.379	1153110.09	0.1764	P	4.7
8	☐	1000.000	1005.894	2310974.40	0.3582	A	4.6
9	☐			2300.31	0.0003	P	4.9

$$y = 3.5614\text{E-}004 * x + 4.2669\text{E-}006$$

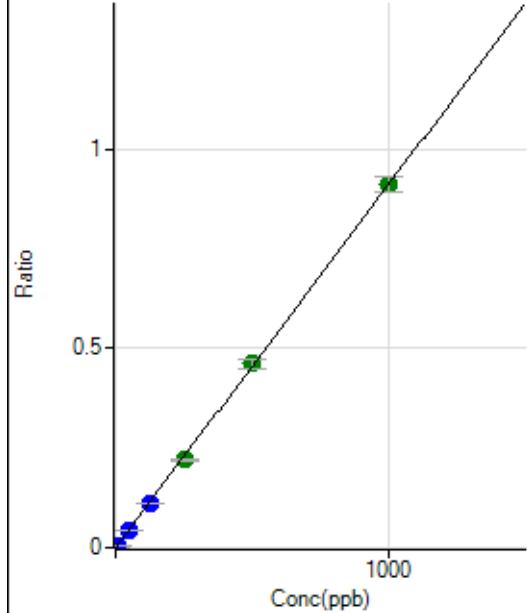
$$R = 0.9999$$

$$DL = 0.01281$$

$$BEC = 0.01198$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	27.4
2	☐	0.500					
3	☐	5.000	4.316	26087.12	0.0039	P	2.7
4	☐	50.000	47.610	290124.12	0.0433	P	0.8
5	☐	125.000	120.582	739162.08	0.1098	P	0.8
6	☐	250.000	242.178	1496198.20	0.2205	A	1.7
7	☐	500.000	506.369	3012113.00	0.4609	A	5.6
8	☐	1000.000	999.446	5869217.28	0.9098	A	4.3
9	☐			6026.65	0.0009	P	7.0

$$y = 9.1026\text{E-}004 * x + 8.9081\text{E-}006$$

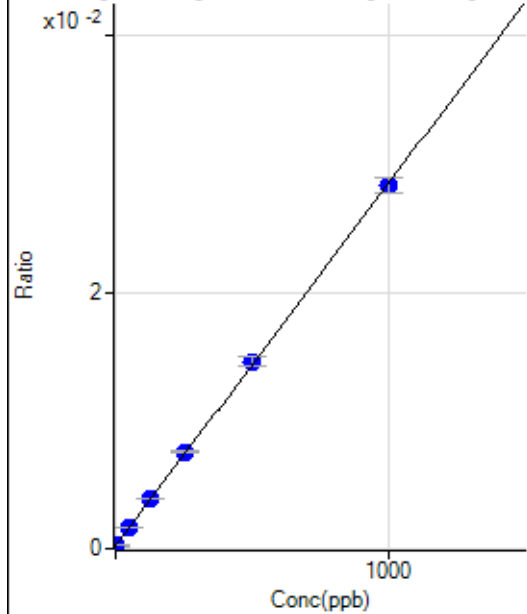
$$R = 0.9999$$

$$DL = 0.008051$$

$$BEC = 0.009786$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1283.45	0.0002	P	5.3
2	☐	0.100					
3	☐	1.000	0.938	1464.04	0.0002	P	3.5
4	☐	50.000	50.321	10321.05	0.0016	P	2.4
5	☐	125.000	128.364	24673.39	0.0038	P	0.8
6	☐	250.000	259.861	49951.68	0.0076	P	0.8
7	☐	500.000	508.012	95808.32	0.0146	P	5.5
8	☐	1000.000	993.093	185859.97	0.0283	P	4.3
9	☐			1305.69	0.0002	P	15.8

$$y = 2.8266\text{E-}005 * x + 2.1045\text{E-}004$$

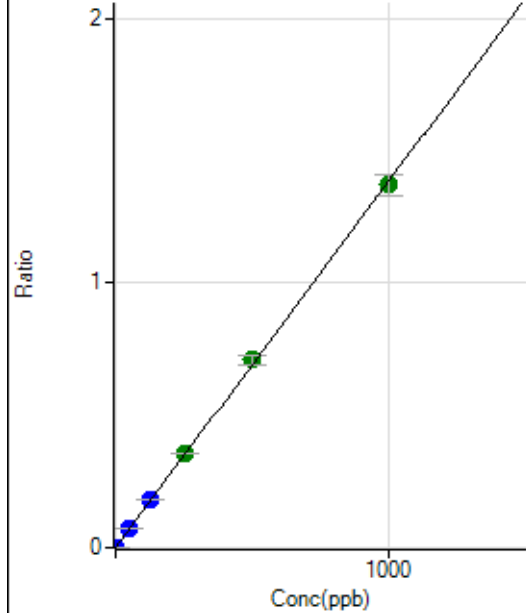
$$R = 0.9999$$

$$DL = 1.195$$

$$BEC = 7.445$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	18.9
2	☐	0.100					
3	☐	1.000	1.222	10546.30	0.0017	P	3.2
4	☐	50.000	51.691	452463.18	0.0716	P	0.3
5	☐	125.000	129.609	1153416.49	0.1795	P	0.8
6	☐	250.000	258.437	2365659.88	0.3578	A	0.3
7	☐	500.000	512.434	4666042.47	0.7095	A	4.7
8	☐	1000.000	991.013	9013823.03	1.3721	A	5.6
9	☐			938.96	0.0001	P	9.5

$$y = 0.0014 * x + 1.5516E-005$$

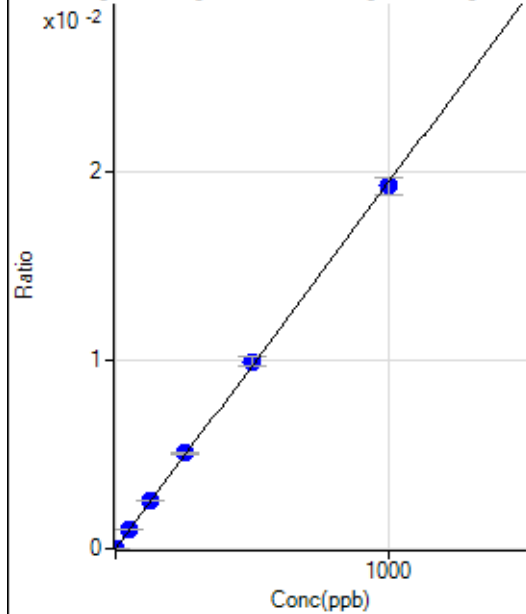
$$R = 0.9998$$

$$DL = 0.006361$$

$$BEC = 0.01121$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	101.5
2	☐	0.100					
3	☐	1.000	0.844	109.73	0.0000	P	21.2
4	☐	50.000	51.809	6362.74	0.0010	P	0.1
5	☐	125.000	131.232	16374.10	0.0025	P	2.2
6	☐	250.000	261.315	33526.64	0.0051	P	1.8
7	☐	500.000	511.389	65258.60	0.0099	P	4.9
8	☐	1000.000	990.607	126312.70	0.0192	P	4.5
9	☐			31.94	0.0000	P	37.2

$$y = 1.9403E-005 * x + 1.3873E-006$$

$$R = 0.9998$$

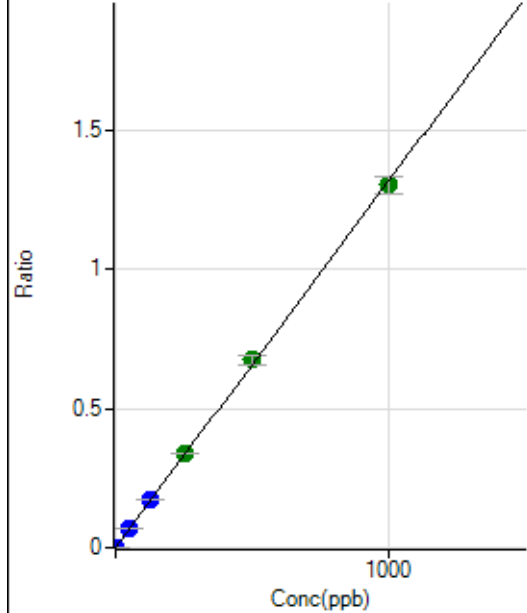
$$DL = 0.2177$$

$$BEC = 0.0715$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	17.7
2	☐	0.100					
3	☐	1.000	1.223	10004.16	0.0016	P	6.2
4	☐	50.000	51.988	432304.86	0.0684	P	1.0
5	☐	125.000	130.124	1100103.54	0.1712	P	0.6
6	☐	250.000	258.600	2248785.64	0.3402	A	0.3
7	☐	500.000	513.952	4445676.18	0.6760	A	5.0
8	☐	1000.000	990.134	8558440.90	1.3024	A	4.5
9	☐			861.18	0.0001	P	7.6

$$y = 0.0013 * x + 1.0515E-005$$

$$R = 0.9998$$

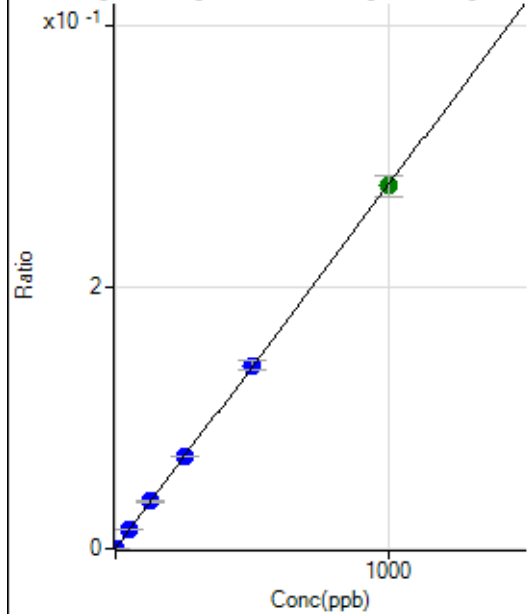
$$DL = 0.00425$$

$$BEC = 0.007994$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	914.80	0.0002	P	5.4
2	☐	0.100					
3	☐	1.000	0.936	2538.43	0.0004	P	3.2
4	☐	50.000	51.795	92167.99	0.0146	P	0.8
5	☐	125.000	129.014	232002.20	0.0361	P	0.9
6	☐	250.000	251.847	464905.42	0.0703	P	0.8
7	☐	500.000	503.929	924430.07	0.1406	P	4.6
8	☐	1000.000	996.983	1825636.72	0.2779	A	6.0
9	☐			1152.74	0.0002	P	9.3

$$y = 2.7863E-004 * x + 1.5001E-004$$

$$R = 1.0000$$

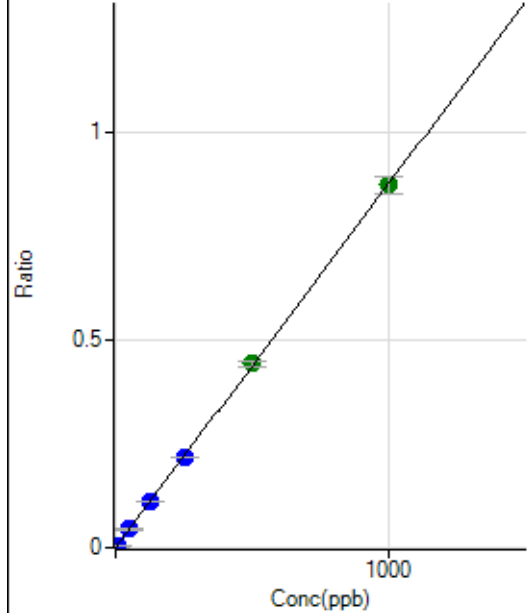
$$DL = 0.08643$$

$$BEC = 0.5384$$

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	677.83	0.0001	P	10.9
2	☐	0.500					
3	☐	5.000	4.730	26296.15	0.0043	P	1.8
4	☐	50.000	50.127	278295.67	0.0440	P	0.2
5	☐	125.000	125.987	710131.51	0.1105	P	0.8
6	☐	250.000	247.046	1431604.07	0.2165	P	0.6
7	☐	500.000	506.200	2918160.22	0.4436	A	3.1
8	☐	1000.000	997.510	5743399.61	0.8740	A	4.6
9	☐			3756.27	0.0006	P	5.1

$$y = 8.7610E-004 * x + 1.1142E-004$$

$$R = 1.0000$$

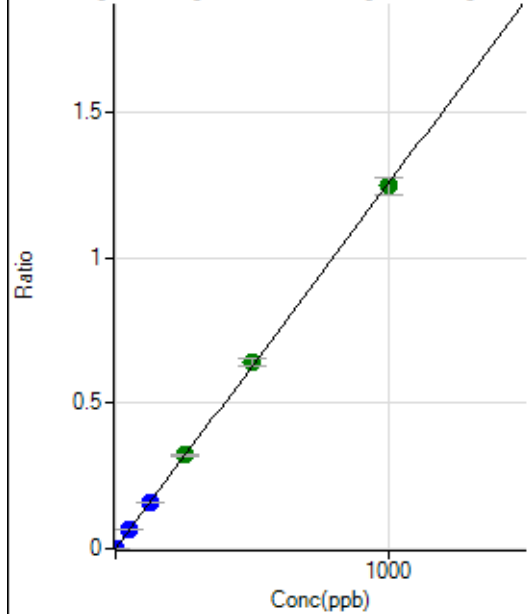
$$DL = 0.04159$$

$$BEC = 0.1272$$

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	86.12	0.0000	P	37.8
2	☐	0.200					
3	☐	2.000	1.921	14992.33	0.0024	P	1.3
4	☐	50.000	50.540	401297.09	0.0635	P	0.4
5	☐	125.000	126.847	1023989.50	0.1593	P	0.6
6	☐	250.000	255.613	2122414.59	0.3210	A	1.0
7	☐	500.000	509.883	4212441.24	0.6404	A	3.5
8	☐	1000.000	993.397	8198506.26	1.2476	A	4.6
9	☐			17868.27	0.0026	P	2.1

$$y = 0.0013 * x + 1.4094E-005$$

$$R = 0.9999$$

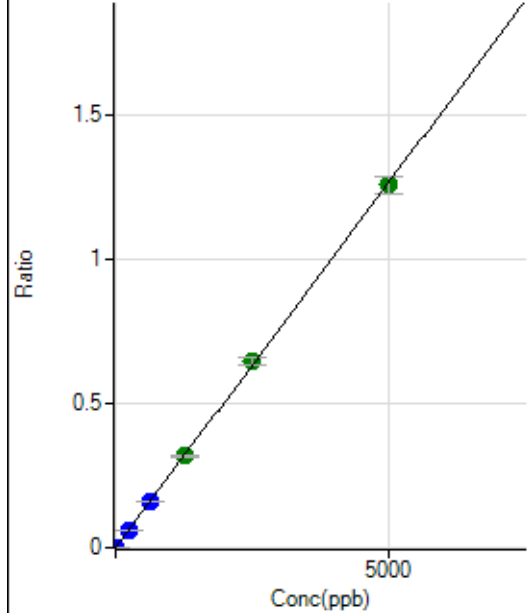
$$DL = 0.01274$$

$$BEC = 0.01122$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	73.0
2	☐	1.000					
3	☐	10.000	9.398	14722.70	0.0024	P	2.3
4	☐	250.000	249.102	398168.85	0.0630	P	0.0
5	☐	625.000	626.697	1018484.59	0.1585	P	1.0
6	☐	1250.000	1255.895	2099468.21	0.3176	A	0.7
7	☐	2500.000	2552.347	4244145.84	0.6454	A	4.7
8	☐	5000.000	4972.187	8260447.49	1.2572	A	5.1
9	☐			2714.30	0.0004	P	3.9

$$y = 2.5285E-004 * x + 5.8844E-006$$

$$R = 0.9999$$

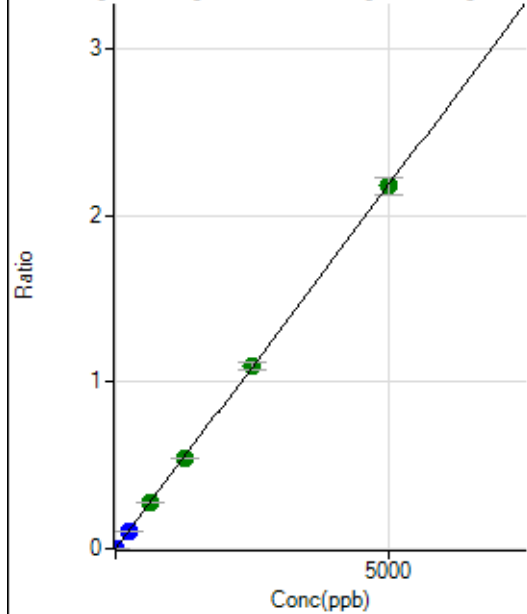
$$DL = 0.051$$

$$BEC = 0.02327$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	28.1
2	☐	1.000					
3	☐	10.000	9.258	25052.47	0.0041	P	0.4
4	☐	250.000	249.504	688397.63	0.1089	P	0.4
5	☐	625.000	636.757	1786194.74	0.2779	A	1.0
6	☐	1250.000	1249.606	3605670.78	0.5454	A	0.7
7	☐	2500.000	2517.812	7227758.50	1.0989	A	4.0
8	☐	5000.000	4989.749	14309356.22	2.1778	A	4.8
9	☐			4787.19	0.0007	P	6.3

$$y = 4.3644E-004 * x + 1.3621E-005$$

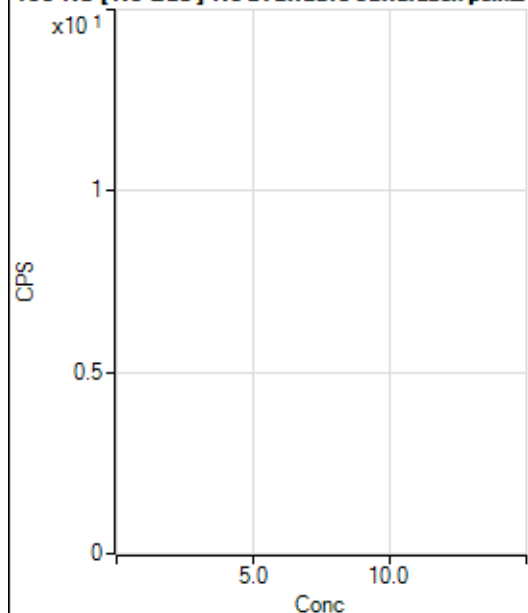
$$R = 1.0000$$

$$DL = 0.02633$$

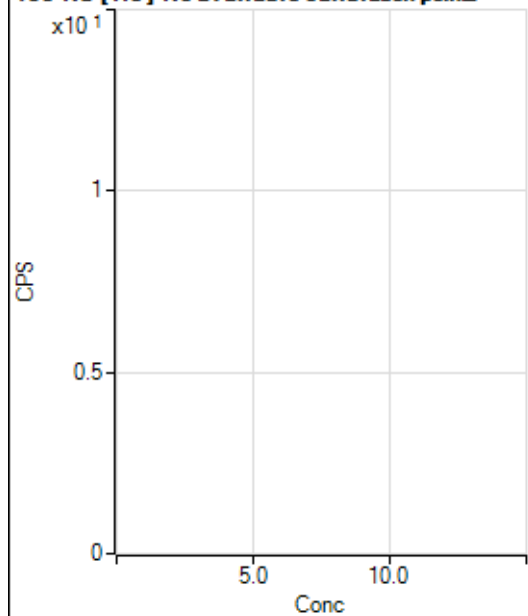
$$BEC = 0.03121$$

Weight: <None>

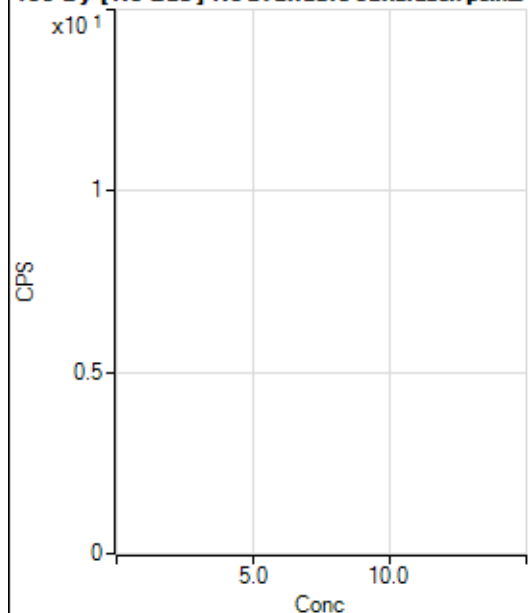
Min Conc: 0

150 Nd [No Gas] No available calibration points

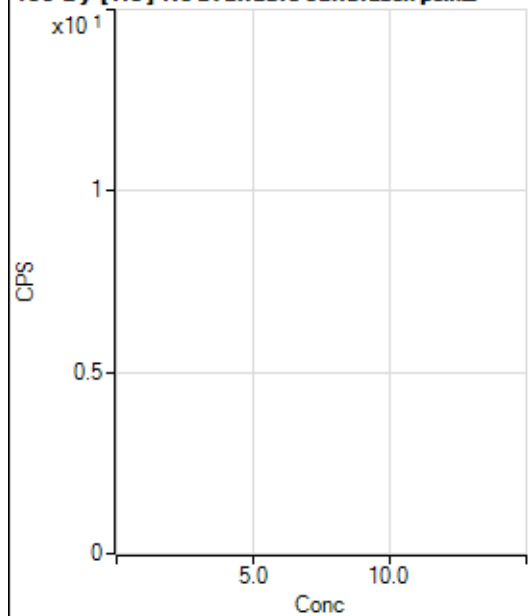
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐						
3	☐			17.78		P	21.7
4	☐			20.00		P	145.3
5	☐			53.34		P	37.5
6	☐			46.67		P	24.7
7	☐			137.78		P	15.6
8	☐			222.23		P	14.2
9	☐			84.45		P	22.8

150 Nd [He] No available calibration points

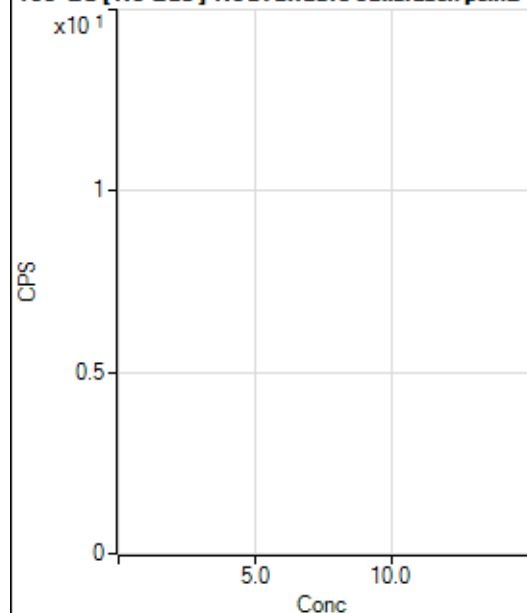
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			0.00		P	
6	☐			3.33		P	100.1
7	☐			4.44		P	43.4
8	☐			5.55		P	69.3
9	☐			22.22		P	8.7

156 Dy [No Gas] No available calibration points

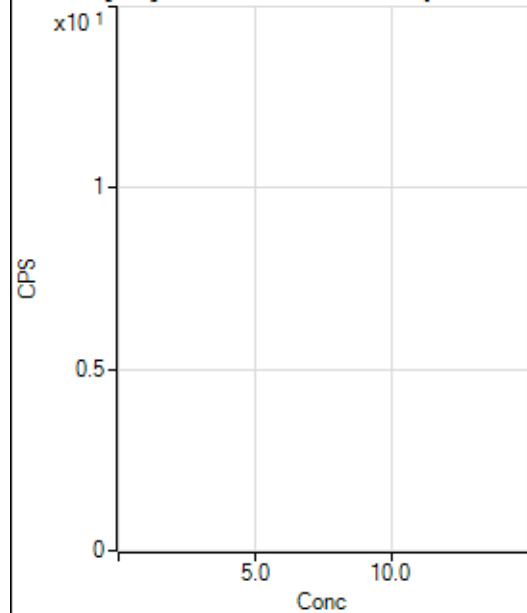
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.6
2	☐						
3	☐			16.67		P	50.0
4	☐			27.78		P	86.6
5	☐			30.56		P	56.8
6	☐			55.56		P	8.7
7	☐			58.34		P	42.9
8	☐			111.12		P	4.3
9	☐			58.34		P	49.5

156 Dy [He] No available calibration points

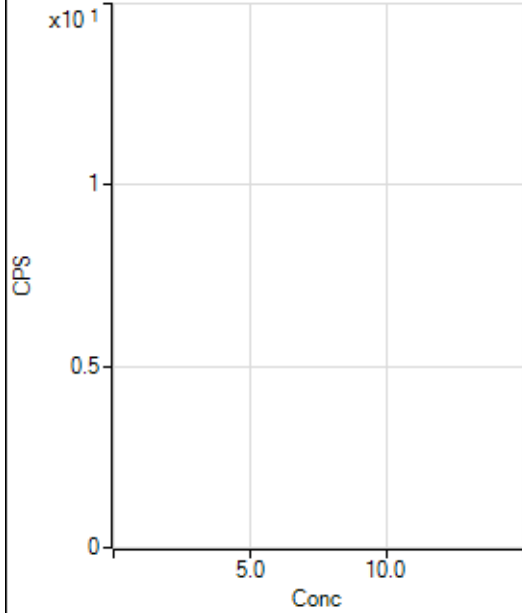
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	86.6
5	☐			4.44		P	43.4
6	☐			10.00		P	57.8
7	☐			7.78		P	65.5
8	☐			25.55		P	15.1
9	☐			17.78		P	39.0

160 Gd [No Gas] Noavailable calibration poin_

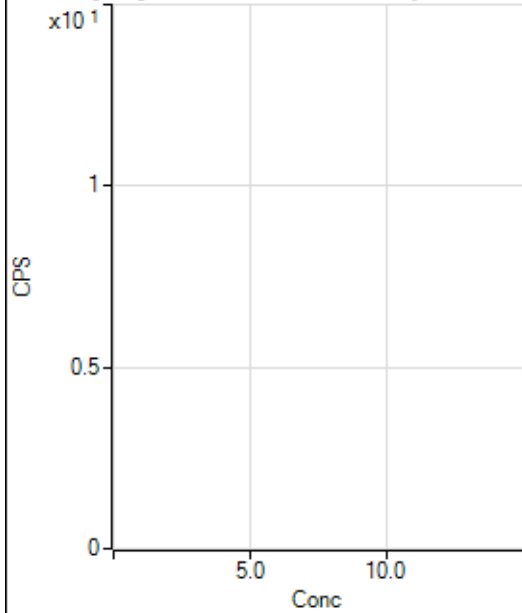
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	39.0
2	☐						
3	☐			72.22		P	35.2
4	☐			27.78		P	96.4
5	☐			44.45		P	28.7
6	☐			44.45		P	39.0
7	☐			80.56		P	36.3
8	☐			127.79		P	27.2
9	☐			91.67		P	32.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	47.2
2	☐						
3	☐			6.67		P	50.0
4	☐			6.67		P	100.0
5	☐			7.78		P	49.5
6	☐			16.67		P	40.0
7	☐			20.00		P	16.7
8	☐			16.67		P	80.0
9	☐			20.00		P	44.1

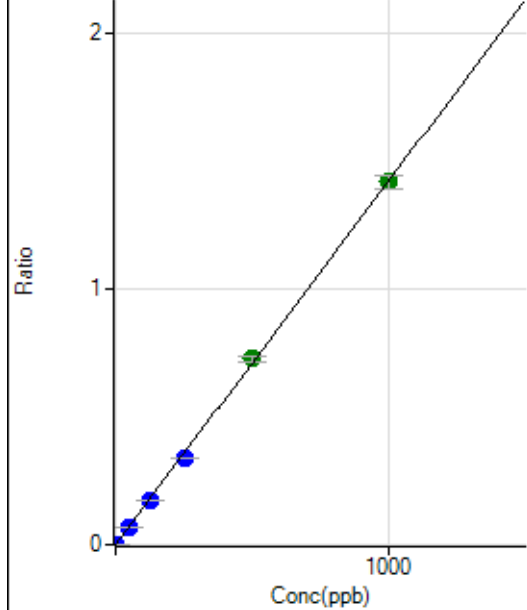
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	33.3
2	☐						
3	☐			41.67		P	34.6
4	☐			41.67		P	52.9
5	☐			33.34		P	43.3
6	☐			27.78		P	34.6
7	☐			44.45		P	47.2
8	☐			30.56		P	41.7
9	☐			33.34		P	43.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐						
3	☐			13.34		P	43.3
4	☐			1.11		P	173.2
5	☐			5.55		P	69.3
6	☐			13.33		P	75.0
7	☐			8.89		P	21.6
8	☐			11.11		P	34.6
9	☐			10.00		P	33.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	11.7
2	☐	0.100					
3	☐	1.000	0.888	4295.39	0.0013	P	6.5
4	☐	50.000	47.689	234295.41	0.0678	P	0.4
5	☐	125.000	120.319	596666.42	0.1711	P	0.3
6	☐	250.000	237.923	1225671.03	0.3383	P	0.6
7	☐	500.000	510.834	2649973.86	0.7264	A	4.0
8	☐	1000.000	998.303	5141512.53	1.4195	A	3.8
9	☐			1580.73	0.0004	P	6.3

$$y = 0.0014 * x + 1.3953E-005$$

$$R = 0.9998$$

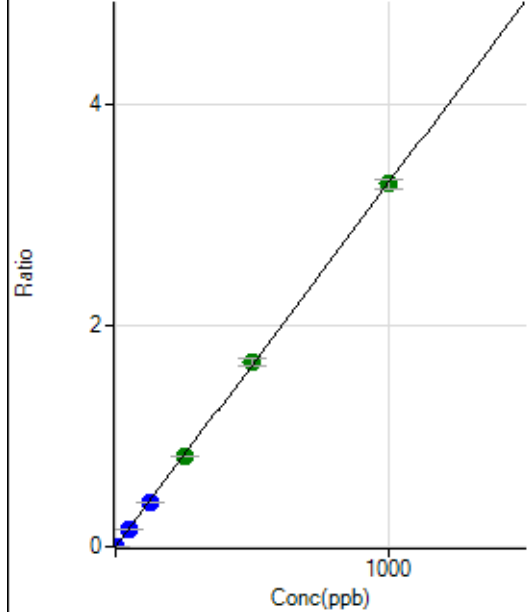
$$DL = 0.003431$$

$$BEC = 0.009813$$

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	94.45	0.0000	P	29.2
2	☐	0.100					
3	☐	1.000	0.908	10154.54	0.0030	P	2.7
4	☐	50.000	48.353	550577.93	0.1594	P	0.7
5	☐	125.000	123.909	1424200.48	0.4084	P	0.3
6	☐	250.000	248.131	2962736.72	0.8178	A	0.4
7	☐	500.000	506.122	6084856.30	1.6680	A	4.2
8	☐	1000.000	997.625	11911699.23	3.2879	A	2.8
9	☐			3703.49	0.0010	P	9.5

$$y = 0.0033 * x + 2.7761E-005$$

$$R = 1.0000$$

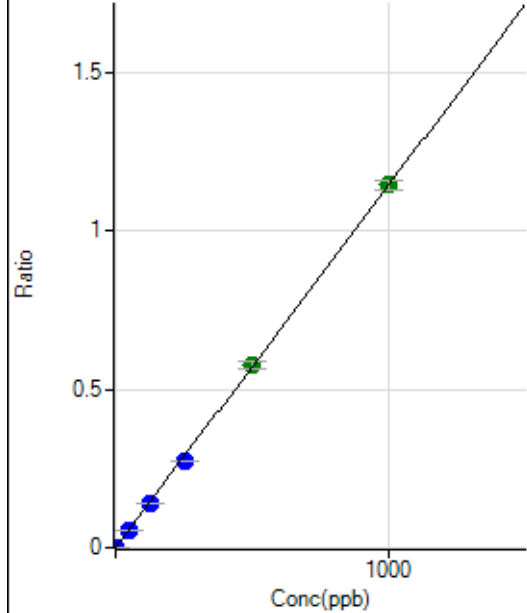
$$DL = 0.007369$$

$$BEC = 0.008424$$

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	312.98	0.0001	P	6.0
2	☐	0.100					
3	☐	1.000	1.103	4554.67	0.0014	P	2.5
4	☐	50.000	47.331	187413.33	0.0543	P	0.8
5	☐	125.000	120.522	481266.45	0.1380	P	0.5
6	☐	250.000	237.678	985652.51	0.2721	P	0.5
7	☐	500.000	504.544	2106696.23	0.5774	A	3.7
8	☐	1000.000	1001.502	4152246.85	1.1461	A	2.7
9	☐			8651.38	0.0024	P	1.1

$$y = 0.0011 * x + 9.2392E-005$$

$$R = 0.9999$$

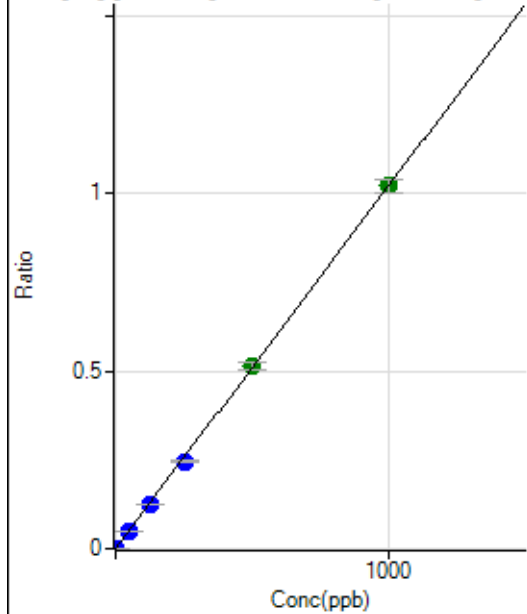
$$DL = 0.01462$$

$$BEC = 0.08074$$

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	242.60	0.0001	P	9.2
2	☐	0.100					
3	☐	1.000	1.093	3995.20	0.0012	P	5.9
4	☐	50.000	47.774	168839.55	0.0489	P	0.7
5	☐	125.000	121.313	432430.32	0.1240	P	1.1
6	☐	250.000	240.858	891665.66	0.2461	P	0.9
7	☐	500.000	505.025	1882279.02	0.5160	A	3.9
8	☐	1000.000	1000.345	3701996.99	1.0220	A	3.5
9	☐			7202.26	0.0020	P	2.2

$$y = 0.0010 * x + 7.1489E-005$$

$$R = 0.9999$$

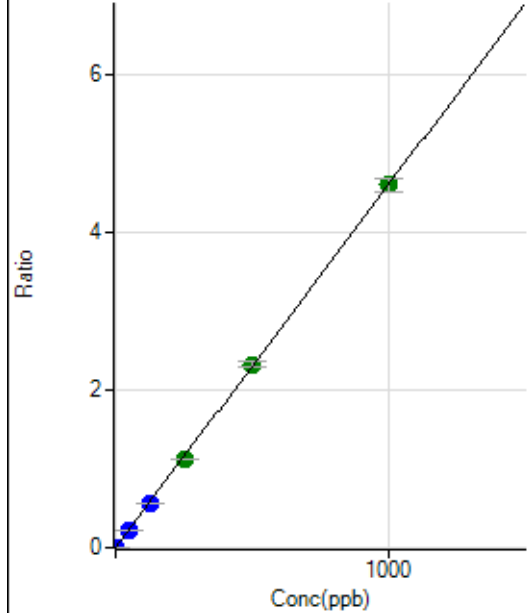
$$DL = 0.01927$$

$$BEC = 0.06998$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1203.77	0.0004	P	8.7
2	☐	0.100					
3	☐	1.000	1.092	18075.95	0.0054	P	1.0
4	☐	50.000	47.577	756467.38	0.2190	P	0.7
5	☐	125.000	120.735	1936049.61	0.5552	P	0.6
6	☐	250.000	242.687	4041528.37	1.1156	A	0.4
7	☐	500.000	505.730	8479224.71	2.3243	A	3.9
8	☐	1000.000	999.618	16640357.11	4.5938	A	3.5
9	☐			33188.18	0.0094	P	1.2

$$y = 0.0046 * x + 3.5555E-004$$

$$R = 0.9999$$

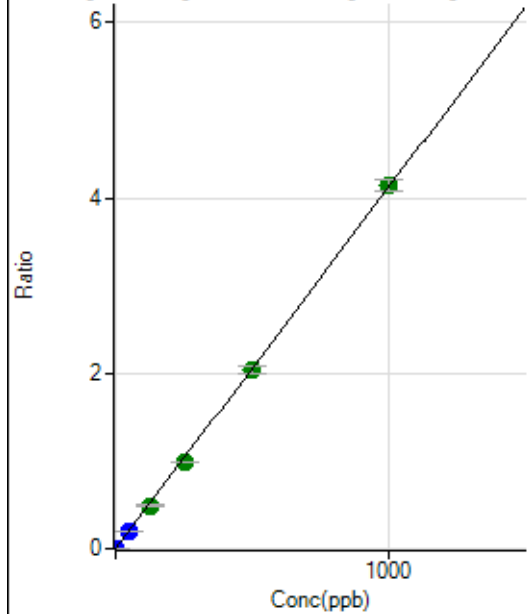
$$DL = 0.02013$$

$$BEC = 0.07737$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	59.0
2	☐	0.100					
3	☐	1.000	0.882	12262.16	0.0036	P	1.5
4	☐	50.000	46.005	654628.97	0.1895	P	0.3
5	☐	125.000	119.434	1715530.75	0.4919	A	0.8
6	☐	250.000	239.255	3570147.26	0.9854	A	0.2
7	☐	500.000	497.636	7476965.97	2.0497	A	4.3
8	☐	1000.000	1004.764	14991187.83	4.1384	A	3.3
9	☐			927.86	0.0003	P	1.3

$$y = 0.0041 * x + 1.2288E-005$$

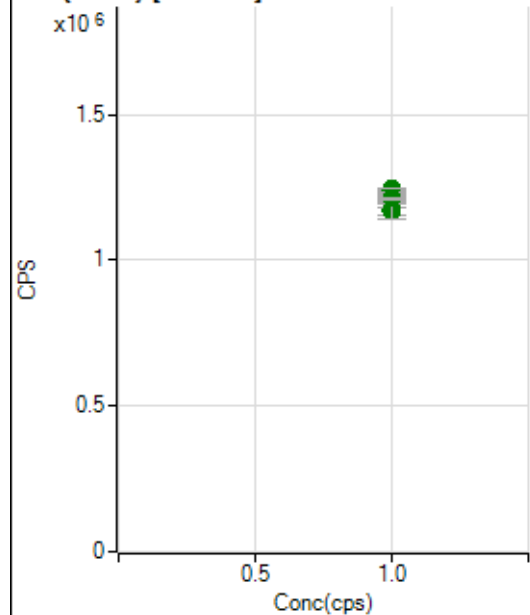
$$R = 0.9999$$

$$DL = 0.005284$$

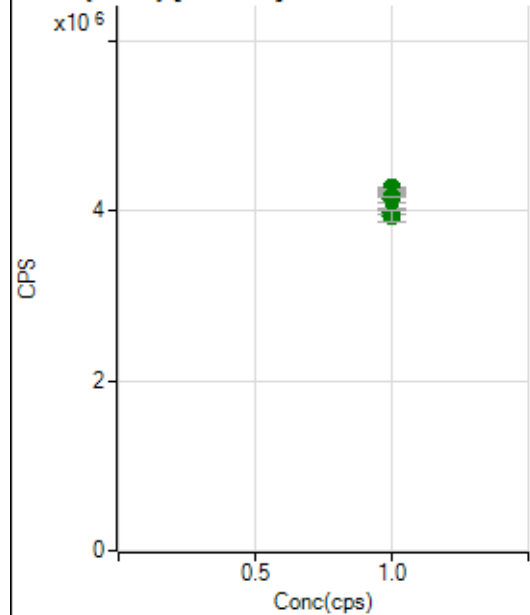
$$BEC = 0.002983$$

Weight: <None>

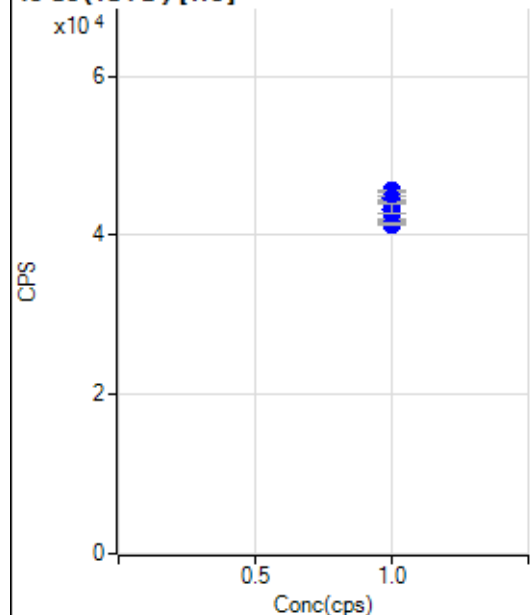
Min Conc: 0

6 Li (ISTD) [No Gas]

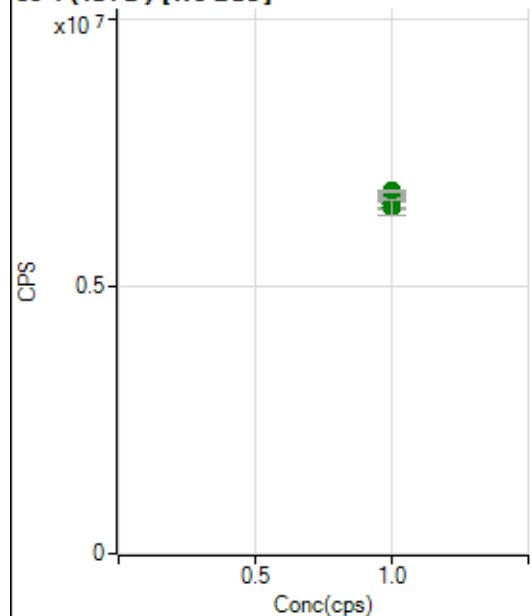
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1199190.26		A	3.2
2	☐	1.000					
3	☐	1.000		1223477.49		A	0.5
4	☐	1.000		1234082.04		A	1.2
5	☐	1.000		1244487.95		A	0.7
6	☐	1.000		1238079.88		A	1.0
7	☐	1.000		1175238.91		A	3.8
8	☐	1.000		1165359.82		A	4.7
9	☐	1.000		1210505.71		A	0.5

45 Sc (ISTD) [No Gas]

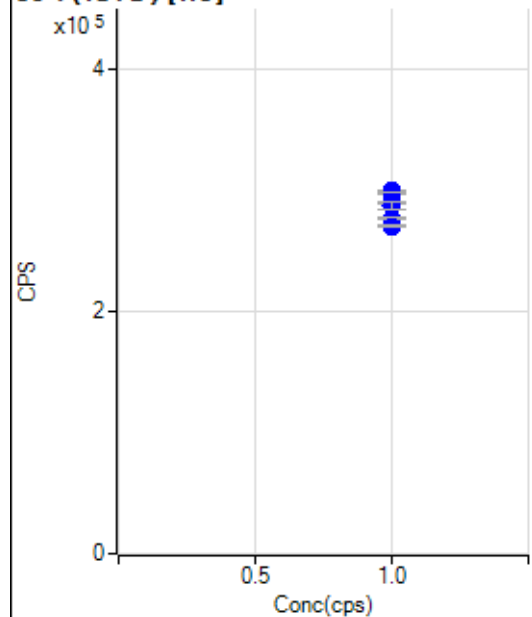
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4149413.94		A	2.3
2	☐	1.000					
3	☐	1.000		4223047.49		A	0.3
4	☐	1.000		4268832.95		A	0.7
5	☐	1.000		4261246.75		A	0.2
6	☐	1.000		4239058.95		A	0.7
7	☐	1.000		3988268.45		A	1.6
8	☐	1.000		3930082.21		A	3.5
9	☐	1.000		4165728.65		A	0.3

45 Sc (ISTD) [He]

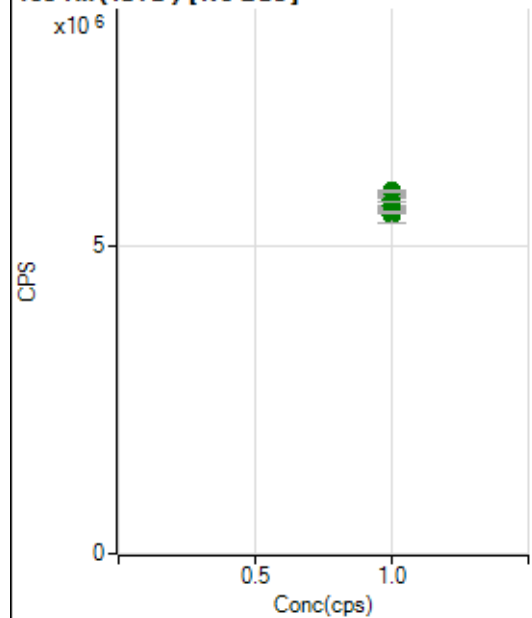
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		44740.08		P	0.9
2	☐	1.000					
3	☐	1.000		45591.57		P	0.1
4	☐	1.000		45549.22		P	0.9
5	☐	1.000		44701.10		P	1.4
6	☐	1.000		44132.55		P	0.3
7	☐	1.000		41932.56		P	1.0
8	☐	1.000		41340.74		P	0.6
9	☐	1.000		43370.49		P	2.9

89 Y (ISTD) [No Gas]

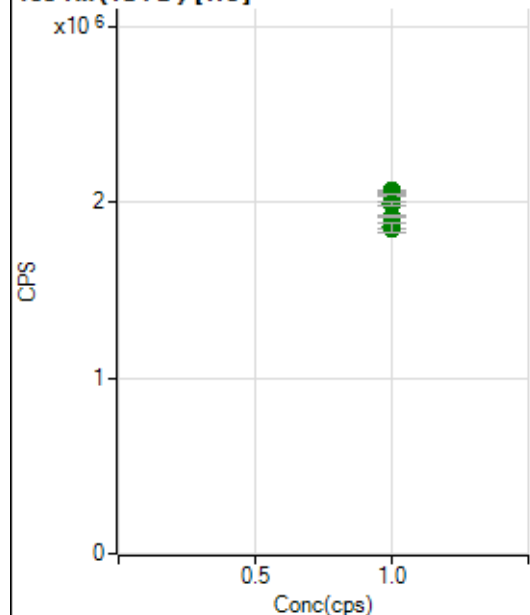
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6532115.39		A	2.0
2	☐	1.000					
3	☐	1.000		6624542.61		A	0.4
4	☐	1.000		6693176.43		A	0.4
5	☐	1.000		6733670.25		A	0.3
6	☐	1.000		6787225.25		A	0.5
7	☐	1.000		6542081.43		A	3.1
8	☐	1.000		6459564.83		A	4.5
9	☐	1.000		6788972.47		A	0.7

89 Y(ISTD) [He]

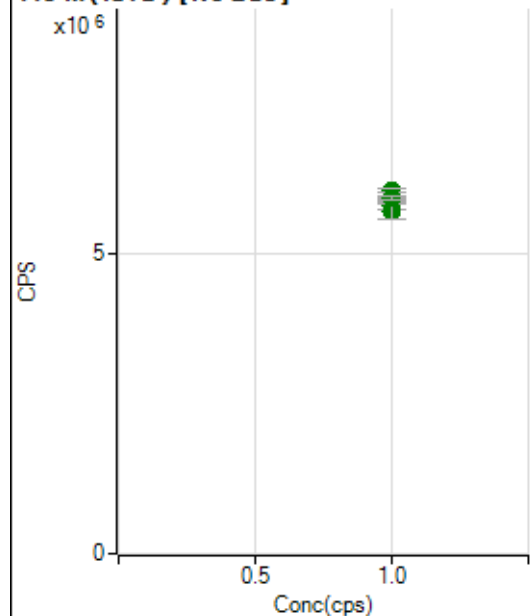
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		297424.45		P	0.8
2	☐	1.000					
3	☐	1.000		297879.18		P	0.5
4	☐	1.000		299686.33		P	0.3
5	☐	1.000		298858.04		P	0.3
6	☐	1.000		289849.10		P	1.1
7	☐	1.000		277104.98		P	0.8
8	☐	1.000		270595.30		P	0.6
9	☐	1.000		287933.74		P	2.3

103 Rh(ISTD) [No Gas]

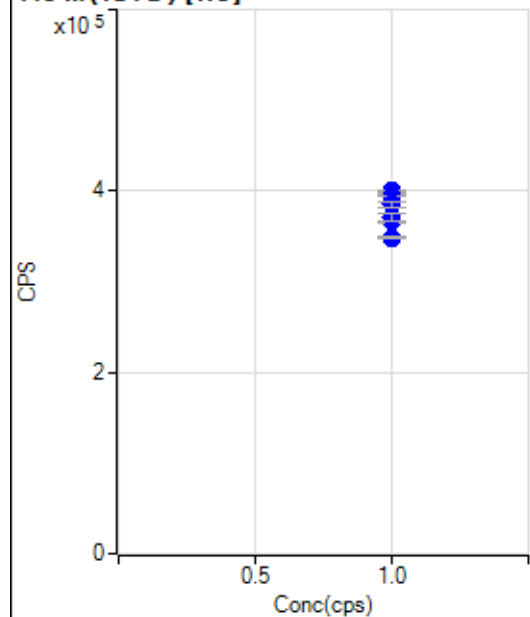
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5727980.56		A	2.6
2	☐	1.000					
3	☐	1.000		5810559.94		A	0.8
4	☐	1.000		5814002.73		A	0.4
5	☐	1.000		5815563.20		A	0.5
6	☐	1.000		5887259.90		A	0.4
7	☐	1.000		5646665.36		A	2.6
8	☐	1.000		5488580.29		A	4.5
9	☐	1.000		5543585.50		A	0.7

103 Rh (ISTD) [He]

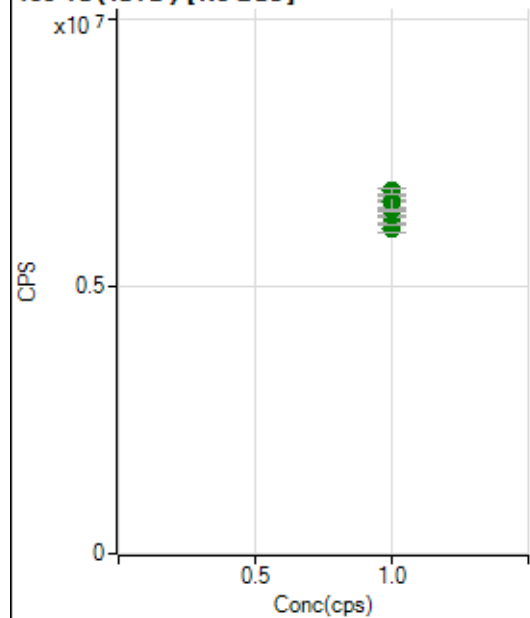
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2049231.00		A	0.2
2	☐	1.000					
3	☐	1.000		2047451.69		A	0.5
4	☐	1.000		2064470.65		A	0.4
5	☐	1.000		2041056.97		A	0.4
6	☐	1.000		1993711.53		A	0.8
7	☐	1.000		1919737.87		A	0.8
8	☐	1.000		1851638.57		A	0.3
9	☐	1.000		1857765.91		A	3.0

115 In (ISTD) [No Gas]

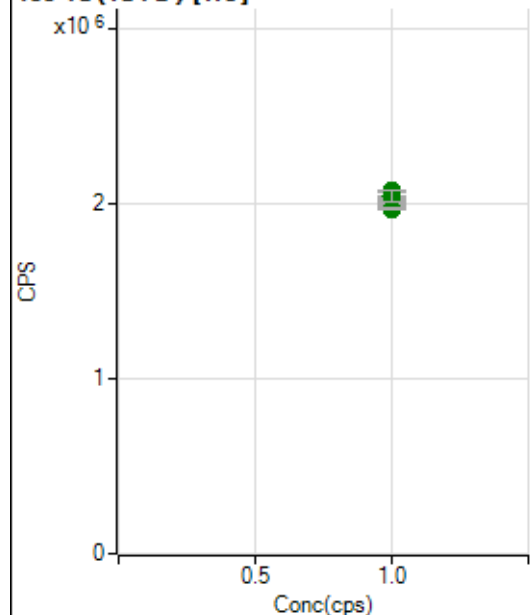
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5785881.04		A	2.7
2	☐	1.000					
3	☐	1.000		5873043.42		A	0.5
4	☐	1.000		5940337.30		A	0.6
5	☐	1.000		5951481.55		A	0.2
6	☐	1.000		6030974.60		A	1.1
7	☐	1.000		5814656.35		A	2.7
8	☐	1.000		5697216.54		A	4.6
9	☐	1.000		5915932.34		A	0.8

115 In (ISTD) [He]

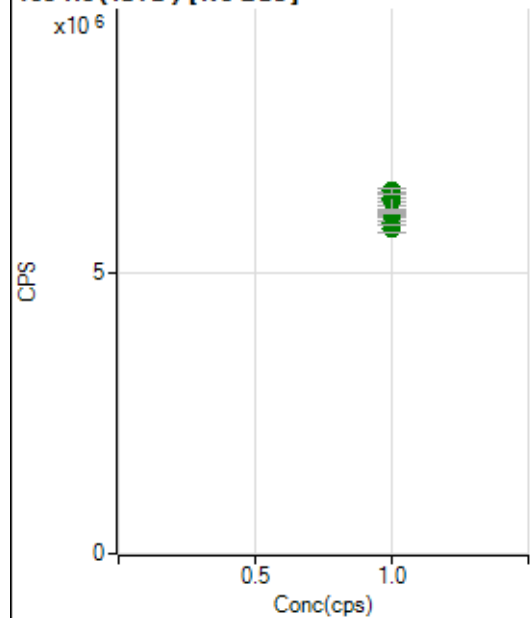
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		397141.16		P	0.6
2	☐	1.000					
3	☐	1.000		396262.70		P	0.2
4	☐	1.000		400247.91		P	0.8
5	☐	1.000		395126.12		P	0.2
6	☐	1.000		385050.64		P	1.2
7	☐	1.000		366149.57		P	0.3
8	☐	1.000		348617.06		P	0.6
9	☐	1.000		371492.70		P	2.6

159 Tb (ISTD) [No Gas]

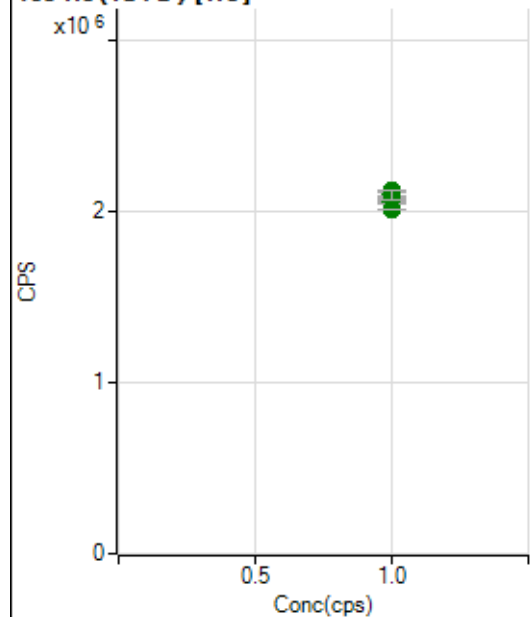
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6094127.34		A	2.5
2	☐	1.000					
3	☐	1.000		6179271.09		A	0.9
4	☐	1.000		6320881.44		A	0.3
5	☐	1.000		6427282.96		A	0.8
6	☐	1.000		6611146.71		A	0.6
7	☐	1.000		6582624.21		A	3.1
8	☐	1.000		6580283.23		A	4.5
9	☐	1.000		6791831.98		A	1.3

159 Tb (ISTD) [He]

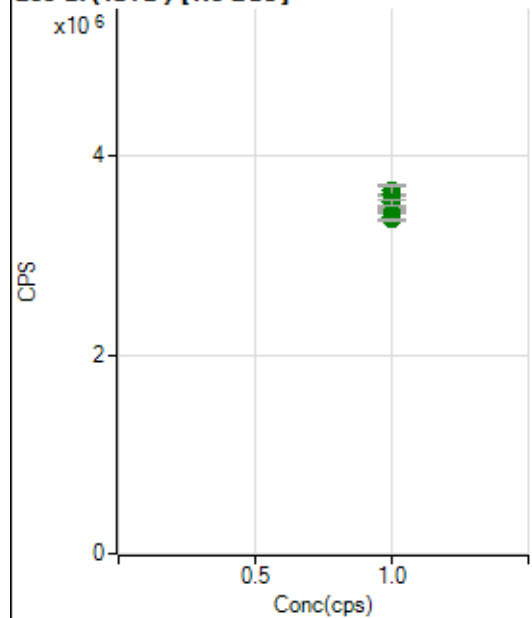
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2035244.10		A	1.3
2	☐	1.000					
3	☐	1.000		2022613.28		A	0.3
4	☐	1.000		2072091.43		A	0.8
5	☐	1.000		2072630.12		A	0.6
6	☐	1.000		2041406.41		A	0.7
7	☐	1.000		1993849.17		A	0.7
8	☐	1.000		1969101.83		A	0.5
9	☐	1.000		2041897.90		A	3.0

165 Ho (ISTD) [No Gas]

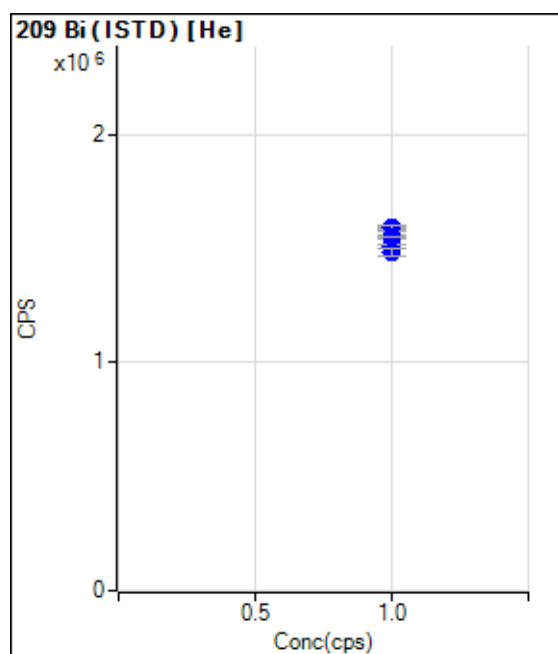
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5780819.62		A	2.4
2	☐	1.000					
3	☐	1.000		5860268.10		A	1.1
4	☐	1.000		5999452.17		A	0.6
5	☐	1.000		6058885.38		A	0.9
6	☐	1.000		6287098.45		A	0.9
7	☐	1.000		6304398.84		A	3.8
8	☐	1.000		6273015.77		A	4.7
9	☐	1.000		6443831.83		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2070636.27		A	0.9
2	☐	1.000					
3	☐	1.000		2082547.37		A	0.9
4	☐	1.000		2119197.62		A	0.1
5	☐	1.000		2120180.98		A	0.8
6	☐	1.000		2106620.70		A	1.5
7	☐	1.000		2057380.49		A	0.9
8	☐	1.000		2012607.47		A	0.1
9	☐	1.000		2096057.28		A	2.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3388944.60		A	2.3
2	☐	1.000					
3	☐	1.000		3363445.33		A	0.4
4	☐	1.000		3454535.44		A	0.4
5	☐	1.000		3487366.41		A	0.2
6	☐	1.000		3622873.28		A	0.2
7	☐	1.000		3650804.84		A	3.1
8	☐	1.000		3625249.36		A	3.5
9	☐	1.000		3535293.49		A	1.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1561819.28		P	0.4
2	☐	1.000					
3	☐	1.000		1546735.71		P	0.8
4	☐	1.000		1592113.71		P	0.7
5	☐	1.000		1590918.12		P	0.3
6	☐	1.000		1591336.38		P	1.4
7	☐	1.000		1553443.92		P	0.4
8	☐	1.000		1511091.38		P	0.8
9	☐	1.000		1485981.25		P	2.2

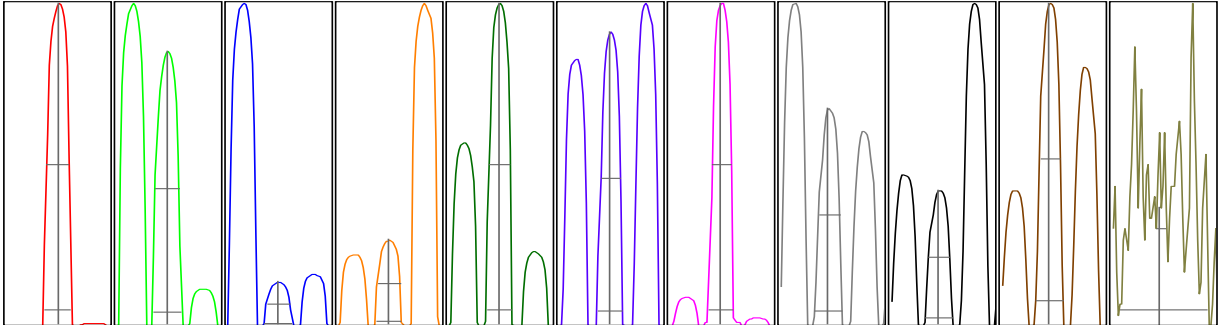
US EPA Tune Check Sample Report

Batch Folder D:\P8081017.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8309	0.61	5.00	
24	44697	0.56	5.00	
25	6019	0.85	5.00	
26	6927	0.68	5.00	
59	75673	0.46	5.00	
113	9007	0.58	5.00	
115	110267	0.49	5.00	
206	19216	1.02	5.00	
207	17528	0.28	5.00	
208	41400	0.86	5.00	
220	2	21.31		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8382	8332	8282	8297	8249
24	44998	44826	44455	44790	44418
25	6105	6026	5978	5993	5992
26	6978	6950	6894	6950	6863
59	75976	76013	75155	75663	75559
113	9081	8975	8974	9043	8961
115	111109	110093	110180	110328	109623
206	19475	19113	18953	19267	19272
207	17612	17505	17529	17502	17492
208	41670	41212	41314	41843	40960
220	2	2	1	2	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	13038	9.05	8.9 - 9.1		0.785	0.900	
24	69304	24.00	23.9 - 24.1		0.832	0.900	
25	9276	25.00	24.9 - 25.1		0.794	0.900	
26	11107	26.00	25.9 - 26.1		0.745	0.900	
59	125731	59.00	58.9 - 59.1		0.740	0.900	
113	15932	113.00	112.9 - 113.1		0.734	0.900	
115	195972	115.00	114.9 - 115.1		0.732	0.900	
206	33570	205.90	205.9 - 206.1		0.779	0.900	
207	30060	206.90	206.9 - 207.1		0.778	0.900	
208	71651	207.90	207.9 - 208.1		0.780	0.900	
220	2	219.90	-		2.516		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.7	V	Deflect	13.4	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	12298	0.87	
89	3348	0.82	
205	15709	0.94	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12405	12360	12252	12340	12134
89	3364	3361	3348	3365	3300
205	15927	15761	15700	15608	15548

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.7	V	Deflect	2.0	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:28:01	DataFile Name :	004CALB_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.71	-2.32	1.61	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	0.03	0.00	N/A	ppb
Barium	135-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.21	0.08	0.12	0.00	N/A	ppb
Boron	11-1	0.13	-0.04	-0.09	0.00	N/A	ppb
Cadmium	111-1	-0.03	0.03	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.37	0.42	-0.04	0.00	N/A	ppb
Cadmium	108-1	0.07	0.00	-0.07	0.00	N/A	ppb
Calcium	43-1	5.29	-6.73	1.44	0.00	N/A	ppb
Calcium	44-1	1.31	-0.45	-0.86	0.00	N/A	ppb
Chromium	52-2	-0.02	0.06	-0.04	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.16	0.20	-0.36	0.00	N/A	ppb
Iron	57-2	0.81	-0.38	-0.43	0.00	N/A	ppb
Lead	206-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	-0.93	-0.33	1.27	0.00	N/A	ppb
Manganese	55-2	-0.02	0.04	-0.02	0.00	N/A	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:28:01	DataFile Name :	004CALB_P8081017.D

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	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-11.05	-11.05	15.60	-2.16		ppb
Potassium	39-2	-1.10	4.56	-3.47	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.35	-0.17	-0.18	0.00	N/A	ppb
Selenium	82-1	0.22	0.34	-0.56	0.00	N/A	ppb
Silicon	28-1	2.52	-0.87	-1.65	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	-0.64	1.67	-1.03	0.00	N/A	ppb
Strontium	86-1	-0.07	0.07	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	330.52	3.64	-82.03	84.04	259.06	ppb
Terbium	159-1						%
Terbium	159-2						%
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	0.02	-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	0.01	0.00	-0.01	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.07	-0.03	0.10	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:28:01	DataFile Name :	004CALB_P8081017.D

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

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:35:00	DataFile Name :	006CAL5_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.30	17.16	17.19	15.88	14.08	ppb
Antimony	121-1	1.95	1.92	1.90	1.92	1.29	ppb
Arsenic	75-2	0.95	1.00	1.03	0.99	4.31	ppb
Barium	135-1	9.29	9.26	9.65	9.40	2.33	ppb
Barium	137-1	9.29	9.26	9.22	9.26	0.35	ppb
Beryllium	9-1	0.88	0.89	0.92	0.89	2.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	20.55	20.04	21.71	20.77	4.14	ppb
Boron	11-1	21.42	21.12	21.51	21.35	0.96	ppb
Cadmium	111-1	0.96	0.96	0.88	0.94	5.03	ppb
Cadmium	106-1	1.08	1.13	0.60	0.94	31.39	ppb
Cadmium	108-1	0.98	0.62	0.93	0.84	22.95	ppb
Calcium	43-1	426.71	436.26	457.76	440.24	3.61	ppb
Calcium	44-1	452.03	444.37	440.14	445.51	1.35	ppb
Chromium	52-2	2.04	1.86	1.91	1.94	4.90	ppb
Cobalt	59-2	0.96	0.85	0.90	0.90	6.20	ppb
Copper	63-2	2.10	2.03	2.08	2.07	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.65	47.04	46.13	46.94	1.63	ppb
Iron	57-2	44.00	50.09	50.16	48.09	7.36	ppb
Lead	206-1	1.09	1.08	1.14	1.10	2.63	ppb
Lead	207-1	1.03	1.17	1.08	1.09	6.29	ppb
Lead	208-1	1.08	1.10	1.09	1.09	1.06	ppb
Lithium	6-1						%
Magnesium	24-2	461.32	448.01	447.99	452.44	1.70	ppb
Manganese	55-2	1.00	1.05	1.06	1.04	2.98	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:35:00	DataFile Name :	006CAL5_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.96	1.89	1.92	1.93	1.83	ppb
Molybdenum	95-1	4.18	4.25	4.36	4.26	2.23	ppb
Molybdenum	96-1	3.62	3.77	3.54	3.64	3.09	ppb
Molybdenum	97-1	4.33	4.29	4.17	4.26	1.93	ppb
Molybdenum	98-1	4.30	4.21	4.44	4.32	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.95	0.92	0.96	4.87	ppb
Phosphorus	31-2	15.39	-11.05	2.15	2.16	610.81	ppb
Potassium	39-2	463.17	443.48	436.94	447.86	3.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	12.77	0.00	3.22	5.33	124.65	ppb
Selenium	78-2	3.98	6.64	4.54	5.06	27.71	ppb
Selenium	82-1	5.54	4.83	4.28	4.88	12.90	ppb
Silicon	28-1	11.07	11.31	12.35	11.58	5.86	ppb
Silver	109-1	1.30	1.23	1.14	1.22	6.26	ppb
Silver	107-1	1.27	1.19	1.21	1.22	3.28	ppb
Sodium	23-2	462.27	458.00	446.46	455.58	1.79	ppb
Strontium	86-1	0.92	0.97	0.86	0.92	6.40	ppb
Strontium	88-1	0.92	0.91	0.91	0.91	0.26	ppb
Sulfur	34-1	-58.81	-7.31	-186.00	-84.04		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.82	0.93	0.91	0.89	6.53	ppb
Thallium	205-1	0.91	0.88	0.93	0.91	2.71	ppb
Tin	118-1	4.70	4.66	4.83	4.73	1.89	ppb
Titanium	47-1	4.62	4.77	4.62	4.67	1.87	ppb
Uranium	238-1	0.89	0.87	0.89	0.88	1.52	ppb
Vanadium	51-2	4.65	4.70	4.34	4.56	4.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.07	2.16	2.13	2.12	2.37	ppb
Zirconium	90-1	0.87	0.87	0.85	0.86	1.15	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:35:00	DataFile Name :	006CALS_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.88	0.89	0.84	0.87	2.80	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:38:28	DataFile Name :	007CAL5_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	977.83	1027.11	989.93	998.29	2.57	ppb
Antimony	121-1	50.67	50.66	50.29	50.54	0.43	ppb
Arsenic	75-2	49.40	51.22	49.47	50.03	2.06	ppb
Barium	135-1	249.12	249.02	249.16	249.10	0.03	ppb
Barium	137-1	249.45	248.58	250.48	249.50	0.38	ppb
Beryllium	9-1	50.13	48.72	49.58	49.48	1.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	49.11	44.81	49.62	47.85	5.52	ppb
Boron	11-1	48.88	49.06	48.65	48.87	0.42	ppb
Cadmium	111-1	52.08	51.97	51.34	51.79	0.77	ppb
Cadmium	106-1	51.28	48.71	50.97	50.32	2.80	ppb
Cadmium	108-1	51.85	51.82	51.75	51.81	0.10	ppb
Calcium	43-1	4834.97	4899.66	4858.88	4864.51	0.67	ppb
Calcium	44-1	4937.05	5077.07	4998.13	5004.08	1.40	ppb
Chromium	52-2	51.16	51.88	51.25	51.43	0.76	ppb
Cobalt	59-2	49.40	50.69	50.25	50.11	1.31	ppb
Copper	63-2	99.69	102.04	101.82	101.18	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2582.19	2617.00	2631.60	2610.27	0.97	ppb
Iron	57-2	2545.43	2554.63	2556.06	2552.04	0.23	ppb
Lead	206-1	47.64	47.44	46.91	47.33	0.79	ppb
Lead	207-1	48.14	47.60	47.59	47.77	0.66	ppb
Lead	208-1	47.85	47.64	47.23	47.58	0.67	ppb
Lithium	6-1						%
Magnesium	24-2	4984.27	5104.09	5020.02	5036.13	1.22	ppb
Manganese	55-2	102.22	102.28	104.29	102.93	1.14	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:38:28	DataFile Name :	007CAL5_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	47.91	47.98	47.39	47.76	0.67	ppb
Molybdenum	95-1	47.08	47.18	46.43	46.90	0.87	ppb
Molybdenum	96-1	46.53	47.16	46.52	46.74	0.78	ppb
Molybdenum	97-1	46.89	46.56	47.13	46.86	0.62	ppb
Molybdenum	98-1	47.97	47.64	47.22	47.61	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.86	52.30	51.56	51.57	1.39	ppb
Phosphorus	31-2	1074.80	960.28	1195.34	1076.81	10.92	ppb
Potassium	39-2	2584.96	2510.83	2524.15	2539.98	1.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	60.79	57.25	35.11	51.05	27.26	ppb
Selenium	78-2	57.67	55.76	53.89	55.77	3.39	ppb
Selenium	82-1	50.54	48.67	48.18	49.13	2.53	ppb
Silicon	28-1	61.18	63.25	64.42	62.95	2.61	ppb
Silver	109-1	52.36	51.38	52.23	51.99	1.02	ppb
Silver	107-1	51.70	51.86	51.52	51.69	0.33	ppb
Sodium	23-2	4887.22	5017.45	4982.08	4962.25	1.36	ppb
Strontium	86-1	48.48	47.98	47.59	48.02	0.93	ppb
Strontium	88-1	48.82	48.79	48.81	48.80	0.03	ppb
Sulfur	34-1	874.24	849.24	758.01	827.16	7.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	47.51	47.91	47.64	47.69	0.42	ppb
Thallium	205-1	48.67	48.38	48.00	48.35	0.69	ppb
Tin	118-1	50.02	50.12	50.24	50.13	0.21	ppb
Titanium	47-1	48.70	49.28	48.30	48.76	1.01	ppb
Uranium	238-1	45.92	45.96	46.14	46.01	0.25	ppb
Vanadium	51-2	49.28	50.19	50.44	49.97	1.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	100.08	104.35	104.05	102.83	2.32	ppb
Zirconium	90-1	48.18	48.58	48.44	48.40	0.42	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:38:28	DataFile Name :	007CALS_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	47.63	48.18	47.75	47.85	0.61	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:41:57	DataFile Name :	008CAL5_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2590.18	2390.10	2523.82	2501.37	4.07	ppb
Antimony	121-1	126.05	127.50	127.00	126.85	0.58	ppb
Arsenic	75-2	126.76	128.68	124.38	126.61	1.70	ppb
Barium	135-1	619.79	632.56	627.74	626.70	1.03	ppb
Barium	137-1	632.05	643.80	634.42	636.76	0.98	ppb
Beryllium	9-1	124.84	122.41	124.23	123.83	1.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	114.98	119.99	120.43	118.47	2.56	ppb
Boron	11-1	120.42	119.90	122.29	120.87	1.04	ppb
Cadmium	111-1	129.33	129.95	127.76	129.01	0.88	ppb
Cadmium	106-1	129.66	127.56	127.87	128.36	0.88	ppb
Cadmium	108-1	128.18	131.52	133.99	131.23	2.22	ppb
Calcium	43-1	12242.21	12259.03	12281.43	12260.89	0.16	ppb
Calcium	44-1	12438.96	12416.61	12308.05	12387.87	0.57	ppb
Chromium	52-2	127.42	127.38	130.40	128.40	1.35	ppb
Cobalt	59-2	126.02	125.60	128.91	126.84	1.42	ppb
Copper	63-2	254.09	252.58	260.42	255.70	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6514.27	6451.88	6585.65	6517.27	1.03	ppb
Iron	57-2	6429.39	6518.41	6651.60	6533.13	1.71	ppb
Lead	206-1	119.82	120.86	120.88	120.52	0.50	ppb
Lead	207-1	119.80	122.30	121.83	121.31	1.10	ppb
Lead	208-1	119.87	121.28	121.06	120.73	0.63	ppb
Lithium	6-1						%
Magnesium	24-2	12587.85	12569.82	12922.26	12693.31	1.56	ppb
Manganese	55-2	255.27	255.46	266.39	259.04	2.46	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:41:57	DataFile Name :	008CAL5_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	119.79	120.30	121.04	120.38	0.52	ppb
Molybdenum	95-1	117.18	117.76	118.73	117.89	0.67	ppb
Molybdenum	96-1	117.07	118.53	119.11	118.24	0.89	ppb
Molybdenum	97-1	119.58	119.59	119.43	119.53	0.08	ppb
Molybdenum	98-1	120.20	121.67	119.88	120.58	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.31	128.71	132.20	129.74	1.65	ppb
Phosphorus	31-2	2883.49	2614.17	2436.83	2644.83	8.50	ppb
Potassium	39-2	6455.21	6345.42	6489.57	6430.07	1.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	149.95	140.97	141.00	143.97	3.59	ppb
Selenium	78-2	125.04	133.40	124.56	127.67	3.89	ppb
Selenium	82-1	124.54	126.49	125.90	125.64	0.80	ppb
Silicon	28-1	123.39	121.14	121.70	122.08	0.96	ppb
Silver	109-1	129.78	131.05	129.54	130.12	0.62	ppb
Silver	107-1	128.62	130.78	129.42	129.61	0.84	ppb
Sodium	23-2	12775.42	12698.00	13109.45	12860.96	1.70	ppb
Strontium	86-1	120.10	120.38	122.66	121.04	1.16	ppb
Strontium	88-1	122.36	123.43	124.32	123.37	0.79	ppb
Sulfur	34-1	2266.23	2335.17	2269.47	2290.29	1.70	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	120.16	120.74	120.06	120.32	0.31	ppb
Thallium	205-1	123.78	124.27	123.68	123.91	0.25	ppb
Tin	118-1	124.91	126.39	126.66	125.99	0.75	ppb
Titanium	47-1	122.02	122.47	123.27	122.59	0.51	ppb
Uranium	238-1	119.50	120.37	118.43	119.43	0.82	ppb
Vanadium	51-2	126.05	126.00	128.51	126.86	1.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	264.08	258.91	268.65	263.88	1.85	ppb
Zirconium	90-1	125.06	122.79	123.35	123.74	0.96	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:41:57	DataFile Name :	008CALS_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	121.29	121.26	121.14	121.23	0.06	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:45:21	DataFile Name :	009CAL5_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4893.58	4837.78	4951.36	4894.24	1.16	ppb
Antimony	121-1	253.44	258.31	255.08	255.61	0.97	ppb
Arsenic	75-2	250.57	257.13	257.12	254.94	1.48	ppb
Barium	135-1	1246.32	1261.18	1260.18	1255.90	0.66	ppb
Barium	137-1	1240.32	1256.13	1252.37	1249.61	0.66	ppb
Beryllium	9-1	244.01	251.04	249.70	248.25	1.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	233.35	242.87	243.56	239.93	2.38	ppb
Boron	11-1	234.78	240.81	247.38	240.99	2.61	ppb
Cadmium	111-1	250.60	254.04	250.90	251.85	0.76	ppb
Cadmium	106-1	257.47	260.42	261.69	259.86	0.83	ppb
Cadmium	108-1	260.72	266.36	256.86	261.31	1.83	ppb
Calcium	43-1	24680.04	24515.12	24572.65	24589.27	0.34	ppb
Calcium	44-1	24510.92	24474.50	24526.81	24504.08	0.11	ppb
Chromium	52-2	256.55	259.78	255.02	257.12	0.95	ppb
Cobalt	59-2	251.62	253.32	251.64	252.19	0.39	ppb
Copper	63-2	509.01	511.28	504.01	508.10	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	12859.63	13023.24	12857.65	12913.50	0.74	ppb
Iron	57-2	12967.78	13110.68	12766.11	12948.19	1.34	ppb
Lead	206-1	236.34	238.90	237.78	237.68	0.54	ppb
Lead	207-1	239.66	239.64	243.27	240.86	0.87	ppb
Lead	208-1	243.34	241.62	243.11	242.69	0.38	ppb
Lithium	6-1						%
Magnesium	24-2	25285.28	25480.82	25112.96	25293.02	0.73	ppb
Manganese	55-2	515.31	519.33	512.79	515.81	0.64	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:45:21	DataFile Name :	009CAL5_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	245.44	245.70	246.75	245.96	0.28	ppb
Molybdenum	95-1	235.03	237.17	234.84	235.68	0.55	ppb
Molybdenum	96-1	234.22	237.24	236.17	235.88	0.65	ppb
Molybdenum	97-1	238.37	239.91	238.84	239.04	0.33	ppb
Molybdenum	98-1	243.25	245.68	237.61	242.18	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.23	260.23	257.58	258.34	0.63	ppb
Phosphorus	31-2	5761.32	4927.54	4909.79	5199.55	9.36	ppb
Potassium	39-2	12666.02	12670.60	12520.80	12619.14	0.68	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	281.03	279.90	263.64	274.86	3.54	ppb
Selenium	78-2	251.56	285.68	248.23	261.82	7.92	ppb
Selenium	82-1	248.27	250.51	248.98	249.25	0.46	ppb
Silicon	28-1	248.32	245.35	250.70	248.12	1.08	ppb
Silver	109-1	258.88	259.25	257.67	258.60	0.32	ppb
Silver	107-1	257.60	259.06	258.65	258.44	0.29	ppb
Sodium	23-2	25581.44	25571.42	25041.43	25398.10	1.22	ppb
Strontium	86-1	238.05	240.30	239.34	239.23	0.47	ppb
Strontium	88-1	240.95	243.74	241.45	242.05	0.61	ppb
Sulfur	34-1	4650.10	4509.44	4700.44	4620.00	2.14	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	236.23	238.32	239.22	237.92	0.65	ppb
Thallium	205-1	248.14	249.15	247.11	248.13	0.41	ppb
Tin	118-1	246.07	248.84	246.23	247.05	0.63	ppb
Titanium	47-1	246.66	239.51	244.38	243.52	1.50	ppb
Uranium	238-1	239.70	239.05	239.01	239.26	0.16	ppb
Vanadium	51-2	253.84	256.35	253.99	254.73	0.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	521.61	519.20	518.18	519.67	0.34	ppb
Zirconium	90-1	248.40	244.73	247.46	246.86	0.77	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:45:21	DataFile Name :	009CALS_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	241.54	245.07	242.51	243.04	0.75	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:56:27	DataFile Name :	012CAL5_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9666.86	9534.70	9594.97	9598.84	0.69	ppb
Antimony	121-1	527.47	510.66	491.52	509.88	3.53	ppb
Arsenic	75-2	499.87	497.69	506.61	501.39	0.93	ppb
Barium	135-1	2680.95	2535.88	2440.21	2552.35	4.75	ppb
Barium	137-1	2618.42	2519.32	2415.69	2517.81	4.03	ppb
Beryllium	9-1	531.51	503.62	482.01	505.71	4.91	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	534.22	505.44	498.09	512.58	3.73	ppb
Boron	11-1	529.93	508.29	490.97	509.73	3.83	ppb
Cadmium	111-1	525.38	507.46	478.95	503.93	4.65	ppb
Cadmium	106-1	532.02	515.60	476.41	508.01	5.62	ppb
Cadmium	108-1	537.27	509.63	487.27	511.39	4.90	ppb
Calcium	43-1	51838.26	51026.72	49153.52	50672.83	2.72	ppb
Calcium	44-1	52040.95	50768.63	48718.53	50509.37	3.32	ppb
Chromium	52-2	504.53	500.41	502.45	502.46	0.41	ppb
Cobalt	59-2	496.84	493.54	496.87	495.75	0.39	ppb
Copper	63-2	1022.79	1012.72	1016.15	1017.22	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25301.76	25060.54	25298.40	25220.23	0.55	ppb
Iron	57-2	25199.17	25067.04	25555.97	25274.06	1.00	ppb
Lead	206-1	523.22	504.53	485.88	504.54	3.70	ppb
Lead	207-1	527.31	497.84	489.92	505.02	3.90	ppb
Lead	208-1	526.98	501.74	488.46	505.73	3.87	ppb
Lithium	6-1						%
Magnesium	24-2	50328.70	50109.08	49848.94	50095.57	0.48	ppb
Manganese	55-2	1002.37	1000.54	1009.95	1004.29	0.50	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:56:27	DataFile Name :	012CAL5_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	527.03	508.23	482.08	505.78	4.46	ppb
Molybdenum	95-1	531.66	508.30	482.68	507.55	4.83	ppb
Molybdenum	96-1	531.66	506.98	478.17	505.60	5.29	ppb
Molybdenum	97-1	518.63	495.79	471.72	495.38	4.74	ppb
Molybdenum	98-1	533.53	508.61	476.97	506.37	5.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.66	502.45	501.87	504.99	0.97	ppb
Phosphorus	31-2	9338.96	10205.39	9816.84	9787.06	4.43	ppb
Potassium	39-2	24679.04	24463.97	24482.12	24541.71	0.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	499.99	516.27	515.81	510.69	1.81	ppb
Selenium	78-2	473.17	503.23	537.17	504.52	6.35	ppb
Selenium	82-1	527.94	510.47	483.14	507.18	4.45	ppb
Silicon	28-1	513.10	500.82	493.43	502.45	1.98	ppb
Silver	109-1	537.90	517.16	486.80	513.95	5.00	ppb
Silver	107-1	534.81	515.82	486.67	512.43	4.73	ppb
Sodium	23-2	50260.62	49606.01	49273.84	49713.49	1.01	ppb
Strontium	86-1	513.70	495.11	471.97	493.59	4.23	ppb
Strontium	88-1	520.41	498.87	471.13	496.80	4.97	ppb
Sulfur	34-1	10336.45	10134.72	9116.43	9862.54	6.63	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	530.64	511.88	489.98	510.83	3.98	ppb
Thallium	205-1	528.44	503.66	486.27	506.12	4.19	ppb
Tin	118-1	522.34	505.40	490.86	506.20	3.11	ppb
Titanium	47-1	521.08	506.90	482.58	503.52	3.87	ppb
Uranium	238-1	519.68	496.17	477.05	497.64	4.29	ppb
Vanadium	51-2	506.35	493.89	501.30	500.51	1.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1015.62	1017.97	1008.80	1014.13	0.47	ppb
Zirconium	90-1	522.74	501.97	477.15	500.62	4.56	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:56:27	DataFile Name :	012CALS_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	521.79	503.49	478.92	501.40	4.29	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:02:47	DataFile Name :	014CALS_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19191.40	18760.06	18882.78	18944.74	1.17	ppb
Antimony	121-1	1045.62	972.92	961.65	993.40	4.59	ppb
Arsenic	75-2	1004.86	1003.81	984.93	997.87	1.12	ppb
Barium	135-1	5262.39	4835.65	4818.52	4972.19	5.06	ppb
Barium	137-1	5267.80	4873.74	4827.71	4989.75	4.85	ppb
Beryllium	9-1	1045.62	975.50	972.14	997.75	4.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1032.16	976.06	983.55	997.26	3.05	ppb
Boron	11-1	1041.30	977.93	974.93	998.05	3.76	ppb
Cadmium	111-1	1066.14	963.93	960.88	996.98	6.01	ppb
Cadmium	106-1	1042.09	964.89	972.30	993.09	4.29	ppb
Cadmium	108-1	1042.41	962.34	967.07	990.61	4.54	ppb
Calcium	43-1	105190.36	99815.29	98851.14	101285.60	3.37	ppb
Calcium	44-1	104755.05	97828.69	96954.72	99846.15	4.28	ppb
Chromium	52-2	996.68	993.56	999.24	996.49	0.29	ppb
Cobalt	59-2	1008.43	993.45	1002.14	1001.34	0.75	ppb
Copper	63-2	1999.90	1973.86	1992.02	1988.59	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50342.78	49933.00	50488.20	50254.66	0.57	ppb
Iron	57-2	50155.75	50006.59	50404.61	50188.98	0.40	ppb
Lead	206-1	1032.66	988.72	983.12	1001.50	2.71	ppb
Lead	207-1	1040.72	974.35	985.97	1000.35	3.54	ppb
Lead	208-1	1040.05	978.17	980.63	999.62	3.51	ppb
Lithium	6-1						%
Magnesium	24-2	99256.10	99714.48	100306.15	99758.91	0.53	ppb
Manganese	55-2	1994.18	1986.05	1997.65	1992.63	0.30	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:02:47	DataFile Name :	014CAL5_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1052.00	973.39	971.08	998.82	4.61	ppb
Molybdenum	95-1	1054.00	975.57	972.98	1000.85	4.60	ppb
Molybdenum	96-1	1052.58	977.45	975.20	1001.74	4.40	ppb
Molybdenum	97-1	1059.06	978.33	980.29	1005.89	4.58	ppb
Molybdenum	98-1	1048.62	979.99	969.73	999.45	4.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1001.66	989.08	993.50	994.75	0.64	ppb
Phosphorus	31-2	20063.45	20408.40	19632.06	20034.64	1.94	ppb
Potassium	39-2	48893.71	48370.45	48633.63	48632.60	0.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1000.18	988.91	968.96	986.02	1.60	ppb
Selenium	78-2	1021.74	995.12	965.62	994.16	2.82	ppb
Selenium	82-1	1044.31	980.17	965.20	996.56	4.22	ppb
Silicon	28-1	1037.39	983.04	976.41	998.95	3.35	ppb
Silver	109-1	1040.74	971.22	958.45	990.13	4.47	ppb
Silver	107-1	1054.53	954.43	964.08	991.01	5.57	ppb
Sodium	23-2	98755.67	97654.29	99604.98	98671.65	0.99	ppb
Strontium	86-1	1048.81	993.29	977.37	1006.49	3.73	ppb
Strontium	88-1	1054.65	980.89	976.02	1003.85	4.39	ppb
Sulfur	34-1	21500.09	19669.28	19426.40	20198.59	5.61	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1041.72	976.77	976.42	998.30	3.77	ppb
Thallium	205-1	1029.70	976.36	986.81	997.62	2.83	ppb
Tin	118-1	1050.47	972.52	969.54	997.51	4.60	ppb
Titanium	47-1	1042.18	990.22	968.27	1000.23	3.79	ppb
Uranium	238-1	1043.39	983.51	987.39	1004.76	3.33	ppb
Vanadium	51-2	1001.41	993.76	999.84	998.33	0.40	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1992.34	1978.66	1987.43	1986.14	0.35	ppb
Zirconium	90-1	1058.79	976.40	966.95	1000.71	5.05	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:02:47	DataFile Name :	014CALS_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1051.06	981.24	972.55	1001.62	4.30	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:05:53	DataFile Name :	015CALS_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98207.91	104094.78	98466.62	100256.44	3.32	ppb
Antimony	121-1	2.13	2.05	2.07	2.08	2.11	ppb
Arsenic	75-2	0.24	0.36	0.20	0.26	31.46	ppb
Barium	135-1	1.58	1.49	1.61	1.56	3.94	ppb
Barium	137-1	1.54	1.51	1.70	1.58	6.47	ppb
Beryllium	9-1	0.28	0.27	0.31	0.29	6.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	38.64	39.98	33.93	37.52	8.48	ppb
Boron	11-1	40.27	38.75	35.54	38.18	6.33	ppb
Cadmium	111-1	0.02	0.07	0.13	0.07	79.30	ppb
Cadmium	106-1	-1.47	-1.01	0.57	-0.63		ppb
Cadmium	108-1	0.12	0.27	0.12	0.17	52.80	ppb
Calcium	43-1	500342.85	498058.69	500709.05	499703.53	0.29	ppb
Calcium	44-1	501122.40	500118.91	498781.02	500007.45	0.23	ppb
Chromium	52-2	3.72	3.93	3.54	3.73	5.18	ppb
Cobalt	59-2	1.14	1.21	1.16	1.17	3.13	ppb
Copper	63-2	2.72	2.81	2.69	2.74	2.40	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	244730.25	257557.49	247408.01	249898.58	2.71	ppb
Iron	57-2	245106.59	256287.23	248320.55	249904.79	2.30	ppb
Lead	206-1	2.04	2.09	2.05	2.06	1.19	ppb
Lead	207-1	1.87	1.96	1.94	1.92	2.33	ppb
Lead	208-1	1.95	1.99	1.95	1.97	1.23	ppb
Lithium	6-1						%
Magnesium	24-2	489275.26	518269.30	492512.03	500018.86	3.18	ppb
Manganese	55-2	5.03	5.11	4.93	5.03	1.75	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:05:53	DataFile Name :	015CAL5_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.43	0.42	0.41	0.42	3.29	ppb
Molybdenum	95-1	1.03	0.94	0.89	0.95	7.84	ppb
Molybdenum	96-1	1.27	1.29	1.26	1.27	1.24	ppb
Molybdenum	97-1	0.99	0.93	0.90	0.94	4.94	ppb
Molybdenum	98-1	1.04	0.91	0.94	0.97	7.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.25	2.20	2.35	2.27	3.33	ppb
Phosphorus	31-2	2.58	-11.05	16.27	2.60	524.89	ppb
Potassium	39-2	244531.20	258580.90	247813.56	250308.56	2.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.27	0.00	0.00	1.09	173.21	ppb
Selenium	78-2	-0.17	0.41	1.44	0.56	144.70	ppb
Selenium	82-1	0.14	0.89	0.72	0.58	67.92	ppb
Silicon	28-1	8.88	8.54	7.45	8.29	8.96	ppb
Silver	109-1	0.08	0.09	0.10	0.09	8.30	ppb
Silver	107-1	0.09	0.10	0.08	0.09	10.73	ppb
Sodium	23-2	489037.72	516404.09	495355.63	500265.81	2.86	ppb
Strontium	86-1	33.35	33.15	33.52	33.34	0.56	ppb
Strontium	88-1	34.26	33.61	33.79	33.89	0.99	ppb
Sulfur	34-1	-427.51	-283.73	-138.07	-283.10		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.32	0.28	0.32	0.30	6.48	ppb
Thallium	205-1	0.34	0.31	0.28	0.31	9.71	ppb
Tin	118-1	0.52	0.53	0.47	0.50	6.38	ppb
Titanium	47-1	0.61	0.63	0.73	0.65	10.20	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	1.31	ppb
Vanadium	51-2	0.24	0.21	0.22	0.22	5.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.48	6.38	6.10	6.32	3.18	ppb
Zirconium	90-1	0.15	0.15	0.13	0.15	8.62	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:05:53	DataFile Name :	015CALS_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.15	0.13	0.14	6.04	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:14:02	DataFile Name :	016ICV01_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	448.84	491.67	486.19	475.57	4.90	ppb
Antimony	121-1	199.75	202.24	202.67	201.55	0.78	ppb
Arsenic	75-2	196.06	194.34	192.33	194.25	0.96	ppb
Barium	135-1	97.29	98.71	100.58	98.86	1.67	ppb
Barium	137-1	98.96	100.50	101.91	100.46	1.47	ppb
Beryllium	9-1	92.07	95.17	94.14	93.79	1.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	501.92	502.11	514.60	506.21	1.44	ppb
Boron	11-1	499.62	512.89	513.24	508.58	1.53	ppb
Cadmium	111-1	103.10	104.08	105.31	104.16	1.07	ppb
Cadmium	106-1	157.47	155.89	164.04	159.13	2.71	ppb
Cadmium	108-1	130.27	132.23	138.99	133.83	3.42	ppb
Calcium	43-1	2073.85	2124.88	2146.64	2115.12	1.77	ppb
Calcium	44-1	2062.24	2078.09	2091.66	2077.33	0.71	ppb
Chromium	52-2	96.12	95.30	96.22	95.88	0.52	ppb
Cobalt	59-2	96.22	96.75	96.76	96.58	0.32	ppb
Copper	63-2	96.36	97.60	97.25	97.07	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	971.01	980.42	982.56	977.99	0.63	ppb
Iron	57-2	991.95	973.99	985.31	983.75	0.92	ppb
Lead	206-1	188.41	188.39	188.59	188.46	0.06	ppb
Lead	207-1	181.58	183.88	183.96	183.14	0.74	ppb
Lead	208-1	185.04	186.30	186.83	186.06	0.49	ppb
Lithium	6-1						%
Magnesium	24-2	1166.67	1157.24	1177.95	1167.28	0.89	ppb
Manganese	55-2	98.59	97.49	98.66	98.25	0.67	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:14:02	DataFile Name :	016ICV01_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	473.54	473.55	471.22	472.77	0.28	ppb
Molybdenum	95-1	470.36	479.52	479.63	476.51	1.12	ppb
Molybdenum	96-1	470.62	472.75	473.61	472.33	0.33	ppb
Molybdenum	97-1	457.65	470.43	462.27	463.45	1.40	ppb
Molybdenum	98-1	466.42	481.24	473.40	473.69	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.23	99.18	98.88	98.43	1.07	ppb
Phosphorus	31-2	-11.05	-11.05	14.74	-2.45		ppb
Potassium	39-2	1966.28	2005.65	1967.62	1979.85	1.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	161.24	135.00	167.40	154.54	11.13	ppb
Selenium	78-2	195.47	211.48	195.28	200.74	4.63	ppb
Selenium	82-1	191.86	195.96	192.93	193.58	1.10	ppb
Silicon	28-1	474.69	483.02	470.73	476.15	1.32	ppb
Silver	109-1	100.64	102.42	103.59	102.21	1.46	ppb
Silver	107-1	101.33	103.10	104.12	102.85	1.37	ppb
Sodium	23-2	1970.62	1965.29	1975.70	1970.54	0.26	ppb
Strontium	86-1	472.72	476.07	471.99	473.59	0.46	ppb
Strontium	88-1	473.63	476.70	474.42	474.92	0.33	ppb
Sulfur	34-1	-561.72	-487.25	-596.63	-548.53		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	193.11	188.94	194.93	192.33	1.60	ppb
Thallium	205-1	202.00	199.21	201.33	200.85	0.72	ppb
Tin	118-1	511.14	512.48	523.87	515.83	1.36	ppb
Titanium	47-1	477.70	477.85	478.88	478.14	0.13	ppb
Uranium	238-1	493.28	492.66	494.58	493.50	0.20	ppb
Vanadium	51-2	94.68	96.58	96.08	95.78	1.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	196.43	200.54	196.64	197.87	1.17	ppb
Zirconium	90-1	466.20	476.36	469.95	470.83	1.09	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:14:02	DataFile Name :	016ICV01_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	467.53	472.10	471.93	470.52	0.55	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:21:27	DataFile Name :	018LCSE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.57	12.51	21.24	16.77	26.03	ppb
Antimony	121-1	1.59	1.64	1.62	1.62	1.29	ppb
Arsenic	75-2	0.72	0.93	0.78	0.81	13.18	ppb
Barium	135-1	7.99	8.23	7.38	7.87	5.57	ppb
Barium	137-1	7.82	7.51	7.91	7.75	2.75	ppb
Beryllium	9-1	0.83	0.95	0.80	0.86	9.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	27.07	25.60	26.83	26.50	2.99	ppb
Boron	11-1	27.55	27.77	27.36	27.56	0.75	ppb
Cadmium	111-1	0.83	0.80	0.85	0.83	2.78	ppb
Cadmium	106-1	1.58	0.68	0.68	0.98	53.27	ppb
Cadmium	108-1	0.91	0.88	0.89	0.89	1.43	ppb
Calcium	43-1	342.26	372.84	392.18	369.09	6.82	ppb
Calcium	44-1	381.27	385.71	383.67	383.55	0.58	ppb
Chromium	52-2	1.63	1.86	1.82	1.77	7.04	ppb
Cobalt	59-2	0.73	0.82	0.84	0.80	7.09	ppb
Copper	63-2	1.87	1.80	1.85	1.84	1.74	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	39.81	40.60	41.71	40.71	2.34	ppb
Iron	57-2	36.50	43.42	40.24	40.05	8.64	ppb
Lead	206-1	1.03	0.99	1.01	1.01	2.26	ppb
Lead	207-1	1.06	0.90	0.95	0.97	8.51	ppb
Lead	208-1	1.05	0.96	1.00	1.00	4.76	ppb
Lithium	6-1						%
Magnesium	24-2	394.33	414.80	385.40	398.18	3.78	ppb
Manganese	55-2	0.79	0.80	0.75	0.78	3.33	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:21:27	DataFile Name :	018LCSE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.68	1.66	1.65	1.66	0.86	ppb
Molybdenum	95-1	3.74	3.50	3.55	3.60	3.62	ppb
Molybdenum	96-1	3.22	2.99	3.16	3.12	3.71	ppb
Molybdenum	97-1	3.61	3.62	3.74	3.66	1.90	ppb
Molybdenum	98-1	3.67	3.56	3.68	3.64	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.88	0.60	0.73	19.89	ppb
Phosphorus	31-2	27.42	-11.05	-11.05	1.77	1251.62	ppb
Potassium	39-2	412.43	446.02	426.17	428.21	3.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.32	6.43	0.00	4.25	86.61	ppb
Selenium	78-2	1.36	5.58	5.54	4.16	58.32	ppb
Selenium	82-1	3.93	4.86	3.84	4.21	13.35	ppb
Silicon	28-1	4.46	2.72	0.97	2.72	64.23	ppb
Silver	109-1	1.09	1.13	1.09	1.10	2.09	ppb
Silver	107-1	1.08	1.12	1.11	1.11	1.87	ppb
Sodium	23-2	419.42	444.85	433.68	432.65	2.95	ppb
Strontium	86-1	0.75	0.73	0.81	0.76	5.15	ppb
Strontium	88-1	0.76	0.76	0.76	0.76	0.50	ppb
Sulfur	34-1	-704.40	-988.44	-702.28	-798.37		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.80	0.83	0.79	0.80	2.77	ppb
Thallium	205-1	0.78	0.80	0.82	0.80	2.83	ppb
Tin	118-1	3.83	4.08	3.94	3.95	3.21	ppb
Titanium	47-1	3.51	3.64	3.74	3.63	3.20	ppb
Uranium	238-1	0.72	0.73	0.72	0.73	0.97	ppb
Vanadium	51-2	4.03	3.96	3.72	3.90	4.15	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.62	2.59	2.22	2.48	9.05	ppb
Zirconium	90-1	0.73	0.69	0.75	0.72	4.46	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:21:27	DataFile Name :	018LCSE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.81	0.76	0.76	0.78	3.40	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 13:24:37 DataFile Name : 019CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.39	-3.34	-2.38	-2.70		ppb
Antimony	121-1	0.04	0.04	0.04	0.04	8.83	ppb
Arsenic	75-2	0.02	0.02	0.01	0.02	34.91	ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.07	0.11	0.08	0.09	22.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.57	8.94	9.06	9.19	3.65	ppb
Boron	11-1	8.59	8.47	8.02	8.36	3.60	ppb
Cadmium	111-1	0.01	-0.08	-0.05	-0.04		ppb
Cadmium	106-1	0.12	-1.03	-0.58	-0.50		ppb
Cadmium	108-1	0.03	-0.07	-0.07	-0.04		ppb
Calcium	43-1	-1.22	-4.73	-11.11	-5.68		ppb
Calcium	44-1	-2.96	-1.77	0.05	-1.56		ppb
Chromium	52-2	0.08	0.02	-0.03	0.02	226.55	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	405.49	ppb
Copper	63-2	0.04	0.11	0.04	0.06	70.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.15	-0.02	0.13	-0.01		ppb
Iron	57-2	0.58	0.36	1.15	0.70	58.43	ppb
Lead	206-1	0.04	0.06	0.05	0.05	13.33	ppb
Lead	207-1	0.05	0.05	0.08	0.06	24.89	ppb
Lead	208-1	0.05	0.06	0.05	0.05	5.52	ppb
Lithium	6-1						%
Magnesium	24-2	1.55	1.81	0.36	1.24	62.10	ppb
Manganese	55-2	-0.07	0.03	-0.02	-0.02		ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:24:37	DataFile Name :	019CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.01	0.01	0.00	93.55	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	2.68	ppb
Molybdenum	97-1	0.02	0.01	0.00	0.01	150.93	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	49.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.10	-0.08	-0.09		ppb
Phosphorus	31-2	-11.05	-11.05	1.98	-6.71		ppb
Potassium	39-2	-9.21	-1.13	-6.95	-5.76		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.16	0.00	0.00	1.05	173.21	ppb
Selenium	78-2	0.85	-0.18	0.33	0.33	154.87	ppb
Selenium	82-1	0.17	0.32	-0.35	0.05	749.66	ppb
Silicon	28-1	-3.69	-3.73	-1.86	-3.10		ppb
Silver	109-1	0.04	0.03	0.04	0.04	14.39	ppb
Silver	107-1	0.04	0.03	0.03	0.03	12.57	ppb
Sodium	23-2	30.09	29.03	28.44	29.19	2.87	ppb
Strontium	86-1	-0.06	0.03	0.05	0.01	1132.35	ppb
Strontium	88-1	-0.02	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	-396.24	-286.21	-365.08	-349.18		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.04	0.04	0.03	31.90	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	8.84	ppb
Tin	118-1	0.06	0.10	0.09	0.08	25.42	ppb
Titanium	47-1	0.11	0.02	0.04	0.06	82.10	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	96.25	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.12	0.16	0.04	0.11	61.13	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	22.69	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:24:37	DataFile Name :	019CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.01	0.01	87.80	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:27:45	DataFile Name :	020ICSA01_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93375.31	90298.23	90515.29	91396.28	1.88	ppb
Antimony	121-1	1.17	1.16	1.21	1.18	2.61	ppb
Arsenic	75-2	0.18	0.36	0.19	0.24	42.18	ppb
Barium	135-1	1.31	1.39	1.46	1.39	5.38	ppb
Barium	137-1	1.52	1.42	1.53	1.49	3.95	ppb
Beryllium	9-1	0.34	0.35	0.37	0.35	3.84	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.93	10.27	8.67	9.62	8.76	ppb
Boron	11-1	9.55	9.46	9.28	9.43	1.48	ppb
Cadmium	111-1	0.32	0.20	0.22	0.25	24.68	ppb
Cadmium	106-1	-0.25	-0.67	-0.31	-0.41		ppb
Cadmium	108-1	5.76	6.53	6.44	6.24	6.74	ppb
Calcium	43-1	97670.35	97214.04	98866.22	97916.87	0.87	ppb
Calcium	44-1	97664.79	97035.85	98819.71	97840.11	0.92	ppb
Chromium	52-2	20.66	20.09	20.11	20.29	1.60	ppb
Cobalt	59-2	1.23	1.09	1.14	1.15	6.04	ppb
Copper	63-2	7.82	8.10	7.97	7.96	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	102682.93	100105.40	99702.24	100830.19	1.60	ppb
Iron	57-2	105032.01	102559.00	100591.24	102727.42	2.17	ppb
Lead	206-1	4.63	4.71	4.44	4.60	3.03	ppb
Lead	207-1	4.07	4.06	3.94	4.02	1.80	ppb
Lead	208-1	4.22	4.23	4.17	4.20	0.75	ppb
Lithium	6-1						%
Magnesium	24-2	101306.58	98019.27	97986.59	99104.15	1.92	ppb
Manganese	55-2	8.07	7.88	8.04	8.00	1.27	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:27:45	DataFile Name :	020ICSA01_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	564.77	570.30	582.71	572.60	1.60	ppb
Molybdenum	95-1	1810.99	1829.94	1867.33	1836.09	1.56	ppb
Molybdenum	96-1	1535.56	1532.10	1549.11	1538.93	0.58	ppb
Molybdenum	97-1	1852.55	1822.87	1849.02	1841.48	0.88	ppb
Molybdenum	98-1	1844.01	1851.47	1866.66	1854.05	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.71	5.22	5.48	5.47	4.54	ppb
Phosphorus	31-2	103010.20	101682.20	99514.14	101402.18	1.74	ppb
Potassium	39-2	103110.66	100096.73	100008.52	101071.97	1.75	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.96	0.38	-0.16	0.39	142.82	ppb
Selenium	82-1	-0.45	0.63	0.49	0.22	261.88	ppb
Silicon	28-1	31.26	28.62	31.12	30.33	4.90	ppb
Silver	109-1	0.24	0.24	0.24	0.24	1.16	ppb
Silver	107-1	0.21	0.23	0.23	0.22	5.03	ppb
Sodium	23-2	101120.65	97956.95	97416.47	98831.36	2.02	ppb
Strontium	86-1	32.23	31.77	32.80	32.27	1.60	ppb
Strontium	88-1	32.62	32.34	32.93	32.63	0.91	ppb
Sulfur	34-1	75974.85	75158.69	75968.95	75700.83	0.62	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.08	0.09	0.08	7.92	ppb
Thallium	205-1	0.08	0.08	0.10	0.09	13.86	ppb
Tin	118-1	0.19	0.17	0.20	0.19	7.27	ppb
Titanium	47-1	1914.04	1919.53	1933.54	1922.37	0.52	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	15.32	ppb
Vanadium	51-2	0.15	0.15	0.15	0.15	2.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.20	14.53	12.09	13.27	9.19	ppb
Zirconium	90-1	0.09	0.09	0.07	0.08	16.22	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:27:45	DataFile Name :	020ICSA01_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.12	0.06	0.09	31.60	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 13:30:50 DataFile Name : 021ICSB_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89732.43	87780.80	101469.64	92994.29	7.96	ppb
Antimony	121-1	19.66	20.43	20.38	20.16	2.14	ppb
Arsenic	75-2	19.61	19.01	20.86	19.83	4.77	ppb
Barium	135-1	21.13	20.63	21.37	21.04	1.78	ppb
Barium	137-1	20.68	20.48	21.02	20.73	1.32	ppb
Beryllium	9-1	19.79	19.34	19.81	19.65	1.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	60.05	62.27	59.86	60.73	2.21	ppb
Boron	11-1	58.52	57.81	59.47	58.60	1.42	ppb
Cadmium	111-1	19.69	19.30	19.62	19.54	1.05	ppb
Cadmium	106-1	22.26	21.20	21.72	21.73	2.44	ppb
Cadmium	108-1	27.01	27.07	27.55	27.21	1.08	ppb
Calcium	43-1	96888.18	95299.81	97823.92	96670.64	1.32	ppb
Calcium	44-1	96090.05	95768.10	96639.62	96165.92	0.46	ppb
Chromium	52-2	40.01	38.88	45.26	41.38	8.23	ppb
Cobalt	59-2	20.68	20.46	23.51	21.55	7.88	ppb
Copper	63-2	27.75	26.50	31.09	28.45	8.34	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98879.25	96544.17	111065.10	102162.84	7.63	ppb
Iron	57-2	100231.63	98049.22	112655.86	103645.57	7.60	ppb
Lead	206-1	23.93	23.52	23.89	23.78	0.96	ppb
Lead	207-1	22.25	21.67	22.27	22.06	1.53	ppb
Lead	208-1	22.85	22.36	22.85	22.69	1.23	ppb
Lithium	6-1						%
Magnesium	24-2	96799.30	94900.01	108643.56	100114.29	7.44	ppb
Manganese	55-2	28.08	26.88	31.94	28.97	9.14	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:30:50	DataFile Name :	021ICSB_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	614.48	613.54	616.30	614.78	0.23	ppb
Molybdenum	95-1	1855.28	1859.96	1896.88	1870.71	1.22	ppb
Molybdenum	96-1	1565.01	1563.37	1579.42	1569.27	0.56	ppb
Molybdenum	97-1	1879.84	1876.55	1886.63	1881.01	0.27	ppb
Molybdenum	98-1	1871.98	1866.87	1905.12	1881.32	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.26	24.91	28.06	26.08	6.63	ppb
Phosphorus	31-2	99403.98	97566.53	112552.26	103174.26	7.92	ppb
Potassium	39-2	99499.47	96818.57	112474.59	102930.88	8.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	23.14	20.09	7.75	16.99	47.96	ppb
Selenium	78-2	17.07	15.66	22.64	18.46	20.00	ppb
Selenium	82-1	19.31	19.69	19.64	19.55	1.05	ppb
Silicon	28-1	92.40	91.94	94.42	92.92	1.42	ppb
Silver	109-1	18.43	18.78	18.64	18.61	0.94	ppb
Silver	107-1	18.33	18.39	18.47	18.39	0.38	ppb
Sodium	23-2	97518.54	94640.63	109553.93	100571.03	7.87	ppb
Strontium	86-1	79.33	78.99	79.64	79.32	0.41	ppb
Strontium	88-1	81.19	81.78	81.77	81.58	0.41	ppb
Sulfur	34-1	72685.23	72431.51	74101.10	73072.61	1.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.52	19.12	19.42	19.35	1.07	ppb
Thallium	205-1	19.84	19.93	19.83	19.86	0.29	ppb
Tin	118-1	48.57	49.57	49.84	49.33	1.35	ppb
Titanium	47-1	1952.07	1933.27	1945.98	1943.77	0.49	ppb
Uranium	238-1	48.90	48.04	48.59	48.51	0.90	ppb
Vanadium	51-2	19.81	19.57	22.88	20.75	8.88	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	32.22	31.21	36.80	33.41	8.91	ppb
Zirconium	90-1	48.61	48.49	48.60	48.57	0.14	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:30:50	DataFile Name :	021ICSB_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	48.11	48.23	48.69	48.35	0.63	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:33:53	DataFile Name :	022CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48920.61	49041.72	49208.24	49056.86	0.29	ppb
Antimony	121-1	500.33	501.10	501.14	500.86	0.09	ppb
Arsenic	75-2	501.85	498.51	497.63	499.33	0.45	ppb
Barium	135-1	2538.53	2514.15	2512.15	2521.61	0.58	ppb
Barium	137-1	2464.87	2492.36	2485.15	2480.79	0.57	ppb
Beryllium	9-1	497.82	492.09	485.94	491.95	1.21	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	477.69	490.53	482.00	483.41	1.35	ppb
Boron	11-1	487.55	488.07	490.65	488.76	0.34	ppb
Cadmium	111-1	483.24	487.30	482.74	484.43	0.52	ppb
Cadmium	106-1	491.31	491.53	501.41	494.75	1.17	ppb
Cadmium	108-1	485.85	491.70	486.99	488.18	0.64	ppb
Calcium	43-1	240357.41	241973.58	239285.27	240538.75	0.56	ppb
Calcium	44-1	240705.80	241902.31	241084.46	241230.86	0.25	ppb
Chromium	52-2	504.44	508.76	513.65	508.95	0.90	ppb
Cobalt	59-2	490.97	490.78	493.67	491.81	0.33	ppb
Copper	63-2	996.69	987.66	993.52	992.62	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121522.99	121723.06	122129.97	121792.01	0.25	ppb
Iron	57-2	124400.37	123972.05	123726.76	124033.06	0.27	ppb
Lead	206-1	505.41	493.93	497.72	499.02	1.17	ppb
Lead	207-1	497.65	492.95	489.16	493.25	0.86	ppb
Lead	208-1	502.49	497.95	497.55	499.33	0.55	ppb
Lithium	6-1						%
Magnesium	24-2	247628.32	244484.77	246204.03	246105.71	0.64	ppb
Manganese	55-2	1017.06	1015.52	1030.71	1021.10	0.82	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:33:53	DataFile Name :	022CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	501.48	501.30	497.34	500.04	0.47	ppb
Molybdenum	95-1	501.75	499.04	493.37	498.06	0.86	ppb
Molybdenum	96-1	499.45	494.54	499.17	497.72	0.55	ppb
Molybdenum	97-1	482.51	486.74	488.40	485.88	0.62	ppb
Molybdenum	98-1	494.86	497.23	492.71	494.93	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.56	492.98	494.26	493.60	0.13	ppb
Phosphorus	31-2	9931.28	10034.79	10083.49	10016.52	0.78	ppb
Potassium	39-2	124906.55	125564.45	125307.19	125259.40	0.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	488.36	491.49	531.84	503.90	4.81	ppb
Selenium	78-2	466.57	525.15	511.88	501.20	6.13	ppb
Selenium	82-1	490.68	493.24	489.84	491.25	0.36	ppb
Silicon	28-1	482.33	489.09	477.77	483.06	1.18	ppb
Silver	109-1	489.18	491.98	490.35	490.50	0.29	ppb
Silver	107-1	494.08	491.35	496.82	494.08	0.55	ppb
Sodium	23-2	245222.87	245286.02	245452.03	245320.31	0.05	ppb
Strontium	86-1	495.56	500.63	495.67	497.29	0.58	ppb
Strontium	88-1	497.04	501.88	500.22	499.71	0.49	ppb
Sulfur	34-1	8708.13	8863.15	9013.19	8861.49	1.72	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	504.20	498.80	498.66	500.55	0.63	ppb
Thallium	205-1	503.85	501.82	501.01	502.23	0.29	ppb
Tin	118-1	492.70	499.04	496.36	496.03	0.64	ppb
Titanium	47-1	487.09	488.94	489.67	488.56	0.27	ppb
Uranium	238-1	501.08	497.00	496.72	498.27	0.49	ppb
Vanadium	51-2	511.67	507.97	511.20	510.28	0.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	992.76	990.66	990.26	991.23	0.14	ppb
Zirconium	90-1	494.81	497.82	491.92	494.85	0.60	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:33:53	DataFile Name :	022CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.03	506.99	491.71	498.58	1.56	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:44:31	DataFile Name :	023LCSE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.68	15.79	13.77	17.08	24.05	ppb
Antimony	121-1	1.59	1.63	1.69	1.64	2.91	ppb
Arsenic	75-2	0.75	0.84	0.87	0.82	7.16	ppb
Barium	135-1	7.87	7.33	7.59	7.60	3.56	ppb
Barium	137-1	7.89	7.57	7.54	7.67	2.51	ppb
Beryllium	9-1	0.81	0.77	0.77	0.78	3.49	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.32	22.91	21.44	22.56	4.36	ppb
Boron	11-1	21.97	22.89	23.22	22.70	2.84	ppb
Cadmium	111-1	0.73	0.70	0.68	0.70	3.16	ppb
Cadmium	106-1	0.06	-0.64	-0.60	-0.40		ppb
Cadmium	108-1	1.05	0.76	0.84	0.88	16.80	ppb
Calcium	43-1	364.76	376.48	382.45	374.56	2.40	ppb
Calcium	44-1	383.26	386.69	388.63	386.19	0.70	ppb
Chromium	52-2	1.67	1.69	1.72	1.69	1.45	ppb
Cobalt	59-2	0.79	0.81	0.80	0.80	1.86	ppb
Copper	63-2	1.79	1.79	1.71	1.76	2.71	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	39.95	39.91	38.88	39.58	1.53	ppb
Iron	57-2	37.82	40.67	36.29	38.26	5.81	ppb
Lead	206-1	0.95	1.02	0.97	0.98	3.74	ppb
Lead	207-1	0.97	0.96	0.91	0.95	3.55	ppb
Lead	208-1	0.95	0.99	0.96	0.96	2.30	ppb
Lithium	6-1						%
Magnesium	24-2	397.26	398.81	374.52	390.20	3.49	ppb
Manganese	55-2	0.79	0.74	0.99	0.84	15.72	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:44:31	DataFile Name :	023LCSE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.67	1.66	1.66	1.66	0.42	ppb
Molybdenum	95-1	3.62	3.73	3.68	3.68	1.48	ppb
Molybdenum	96-1	3.19	3.11	3.19	3.17	1.47	ppb
Molybdenum	97-1	3.77	3.67	3.79	3.74	1.69	ppb
Molybdenum	98-1	3.87	3.66	3.61	3.72	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.66	0.86	0.74	14.49	ppb
Phosphorus	31-2	15.97	2.52	16.10	11.53	67.65	ppb
Potassium	39-2	414.21	417.26	430.14	420.54	2.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	6.52	6.54	4.35	86.60	ppb
Selenium	78-2	5.10	3.02	7.28	5.13	41.59	ppb
Selenium	82-1	4.31	3.81	4.74	4.29	10.87	ppb
Silicon	28-1	5.47	2.99	4.32	4.26	29.20	ppb
Silver	109-1	1.02	1.01	1.11	1.05	4.94	ppb
Silver	107-1	1.04	1.05	1.06	1.05	1.02	ppb
Sodium	23-2	434.72	423.35	420.79	426.29	1.74	ppb
Strontium	86-1	0.87	0.71	0.80	0.79	10.52	ppb
Strontium	88-1	0.75	0.78	0.78	0.77	2.20	ppb
Sulfur	34-1	-662.96	-873.64	-660.43	-732.34		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.72	0.81	0.77	0.77	6.22	ppb
Thallium	205-1	0.78	0.75	0.81	0.78	3.82	ppb
Tin	118-1	3.92	3.84	3.91	3.89	1.03	ppb
Titanium	47-1	3.78	3.70	4.03	3.83	4.46	ppb
Uranium	238-1	0.72	0.76	0.72	0.74	3.12	ppb
Vanadium	51-2	3.89	3.79	3.99	3.89	2.56	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.30	2.25	1.58	2.04	19.78	ppb
Zirconium	90-1	0.74	0.80	0.73	0.76	5.35	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:44:31	DataFile Name :	023LCSE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.85	0.72	0.78	0.78	7.97	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:47:41	DataFile Name :	024CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.26	-2.25	-2.27	-2.26		ppb
Antimony	121-1	0.03	0.03	0.03	0.03	1.90	ppb
Arsenic	75-2	-0.03	0.03	0.00	0.00	2121.45	ppb
Barium	135-1	0.02	-0.01	-0.01	0.00	1766.20	ppb
Barium	137-1	-0.01	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.07	0.05	0.06	0.06	15.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.53	5.47	5.31	5.44	2.09	ppb
Boron	11-1	4.94	4.93	4.86	4.91	0.89	ppb
Cadmium	111-1	-0.03	0.00	0.01	-0.01		ppb
Cadmium	106-1	-0.46	0.16	0.20	-0.03		ppb
Cadmium	108-1	-0.03	0.00	0.03	0.00		ppb
Calcium	43-1	-10.57	-23.08	-16.74	-16.80		ppb
Calcium	44-1	19.71	12.59	10.75	14.35	32.95	ppb
Chromium	52-2	0.02	0.13	-0.02	0.04	187.13	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.06	0.07	0.07	6.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.16	0.40	0.39	0.21	154.35	ppb
Iron	57-2	-0.26	2.45	0.91	1.03	131.99	ppb
Lead	206-1	0.03	0.03	0.03	0.03	2.44	ppb
Lead	207-1	0.07	0.04	0.04	0.05	35.30	ppb
Lead	208-1	0.05	0.03	0.04	0.04	29.88	ppb
Lithium	6-1						%
Magnesium	24-2	4.63	2.33	0.59	2.52	80.57	ppb
Manganese	55-2	0.03	0.02	-0.10	-0.02		ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:47:41	DataFile Name :	024CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.01	0.01	122.09	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	47.81	ppb
Molybdenum	96-1	0.03	0.01	0.02	0.02	44.89	ppb
Molybdenum	97-1	0.03	0.01	0.00	0.01	126.02	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	63.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.07	-0.05	-0.08		ppb
Phosphorus	31-2	2.79	-11.05	16.55	2.76	499.29	ppb
Potassium	39-2	12.15	4.34	25.94	14.14	77.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.15	0.38	1.45	0.56	146.64	ppb
Selenium	82-1	-0.67	0.53	0.46	0.11	638.89	ppb
Silicon	28-1	5.66	-3.94	1.65	1.12	429.20	ppb
Silver	109-1	0.04	0.03	0.02	0.03	30.26	ppb
Silver	107-1	0.02	0.03	0.02	0.02	5.18	ppb
Sodium	23-2	43.26	38.23	39.01	40.17	6.73	ppb
Strontium	86-1	0.10	0.03	-0.02	0.04	169.48	ppb
Strontium	88-1	-0.02	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	205.67	-398.10	-196.94	-129.79		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.04	0.02	0.03	29.44	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	9.18	ppb
Tin	118-1	0.04	0.00	0.05	0.03	79.89	ppb
Titanium	47-1	0.04	-0.06	0.05	0.01	724.94	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.05	-0.30	-0.04	-0.09		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	71.76	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:47:41	DataFile Name :	024CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.03	0.02	45.80	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:50:48	DataFile Name :	025LCSE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.45	7.71	15.69	12.61	34.03	ppb
Antimony	121-1	1.72	1.66	1.64	1.67	2.54	ppb
Arsenic	75-2	0.93	0.88	0.69	0.83	15.38	ppb
Barium	135-1	8.02	8.13	8.12	8.09	0.76	ppb
Barium	137-1	8.03	8.01	7.77	7.94	1.84	ppb
Beryllium	9-1	0.82	0.76	0.78	0.79	3.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.93	24.21	23.59	23.58	2.70	ppb
Boron	11-1	22.51	21.73	22.00	22.08	1.80	ppb
Cadmium	111-1	0.74	0.89	0.66	0.76	15.08	ppb
Cadmium	106-1	0.48	0.47	-0.71	0.08	868.91	ppb
Cadmium	108-1	0.93	0.66	0.68	0.76	20.15	ppb
Calcium	43-1	394.58	400.10	377.45	390.71	3.02	ppb
Calcium	44-1	411.78	417.99	412.48	414.08	0.82	ppb
Chromium	52-2	1.89	1.78	1.69	1.79	5.73	ppb
Cobalt	59-2	0.84	0.83	0.89	0.85	3.63	ppb
Copper	63-2	1.90	1.92	1.88	1.90	1.13	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	42.65	41.72	41.73	42.03	1.27	ppb
Iron	57-2	41.59	44.00	37.55	41.04	7.94	ppb
Lead	206-1	0.99	0.99	1.04	1.01	2.95	ppb
Lead	207-1	1.02	0.95	1.03	1.00	4.25	ppb
Lead	208-1	1.00	0.97	1.00	0.99	1.51	ppb
Lithium	6-1						%
Magnesium	24-2	415.21	402.43	400.28	405.98	1.99	ppb
Manganese	55-2	0.73	0.93	0.78	0.81	13.01	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:50:48	DataFile Name :	025LCSE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.72	1.77	1.70	1.73	2.05	ppb
Molybdenum	95-1	3.72	3.87	3.82	3.80	1.96	ppb
Molybdenum	96-1	3.27	3.35	3.34	3.32	1.29	ppb
Molybdenum	97-1	3.75	3.90	3.99	3.88	3.17	ppb
Molybdenum	98-1	3.73	3.61	3.90	3.75	3.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.59	0.81	0.76	20.32	ppb
Phosphorus	31-2	15.63	-11.05	15.97	6.85	226.23	ppb
Potassium	39-2	413.70	437.22	434.58	428.50	3.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.24	0.00	6.44	3.23	99.76	ppb
Selenium	78-2	3.53	1.40	7.69	4.21	76.06	ppb
Selenium	82-1	4.54	5.07	3.83	4.48	13.87	ppb
Silicon	28-1	12.58	6.47	9.01	9.35	32.84	ppb
Silver	109-1	1.10	1.07	1.11	1.10	2.10	ppb
Silver	107-1	1.07	1.03	1.16	1.08	6.30	ppb
Sodium	23-2	429.65	438.99	439.75	436.13	1.29	ppb
Strontium	86-1	0.91	0.78	0.82	0.84	7.47	ppb
Strontium	88-1	0.75	0.79	0.82	0.79	3.93	ppb
Sulfur	34-1	-140.12	-287.35	-378.50	-268.66		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.83	0.78	0.79	0.80	3.04	ppb
Thallium	205-1	0.80	0.80	0.78	0.79	1.24	ppb
Tin	118-1	4.09	4.06	4.26	4.14	2.65	ppb
Titanium	47-1	3.75	3.86	3.95	3.85	2.62	ppb
Uranium	238-1	0.78	0.72	0.74	0.75	3.78	ppb
Vanadium	51-2	4.31	4.09	4.12	4.17	2.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.47	2.02	1.67	1.72	16.19	ppb
Zirconium	90-1	0.77	0.78	0.80	0.78	1.92	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:50:48	DataFile Name :	025LCSE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.80	0.81	0.80	0.80	0.46	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:53:57	DataFile Name :	026LCSE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.03	24.09	9.73	17.28	41.71	ppb
Antimony	121-1	1.76	1.88	1.84	1.83	3.25	ppb
Arsenic	75-2	1.11	0.91	0.75	0.92	19.87	ppb
Barium	135-1	9.07	8.77	9.04	8.96	1.83	ppb
Barium	137-1	9.18	8.90	8.97	9.02	1.59	ppb
Beryllium	9-1	0.94	0.95	0.84	0.91	6.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	25.14	24.05	23.61	24.27	3.25	ppb
Boron	11-1	25.26	23.89	25.03	24.73	2.97	ppb
Cadmium	111-1	0.79	0.81	0.97	0.86	11.48	ppb
Cadmium	106-1	0.34	0.28	-0.16	0.16	174.21	ppb
Cadmium	108-1	0.84	1.26	0.96	1.02	21.11	ppb
Calcium	43-1	431.20	410.75	427.46	423.14	2.57	ppb
Calcium	44-1	450.53	443.03	445.13	446.23	0.87	ppb
Chromium	52-2	1.79	1.77	1.79	1.78	0.50	ppb
Cobalt	59-2	0.87	0.91	0.97	0.92	5.00	ppb
Copper	63-2	2.10	2.06	2.21	2.12	3.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.32	45.92	46.22	45.82	1.00	ppb
Iron	57-2	45.90	37.53	47.84	43.76	12.52	ppb
Lead	206-1	1.06	0.99	1.02	1.02	3.58	ppb
Lead	207-1	1.02	1.07	1.05	1.05	2.39	ppb
Lead	208-1	1.05	1.04	1.06	1.05	1.15	ppb
Lithium	6-1						%
Magnesium	24-2	423.92	408.64	432.52	421.70	2.87	ppb
Manganese	55-2	0.96	1.03	0.98	0.99	3.29	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:53:57	DataFile Name :	026LCSE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.89	1.75	1.84	1.83	4.02	ppb
Molybdenum	95-1	3.98	4.05	4.13	4.05	1.81	ppb
Molybdenum	96-1	3.49	3.51	3.63	3.54	2.18	ppb
Molybdenum	97-1	4.11	4.07	4.12	4.10	0.58	ppb
Molybdenum	98-1	4.27	4.26	4.14	4.22	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.85	0.93	0.85	9.72	ppb
Phosphorus	31-2	2.07	41.87	-11.05	10.96	251.35	ppb
Potassium	39-2	462.20	474.65	479.88	472.24	1.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.37	9.56	6.41	7.44	24.61	ppb
Selenium	78-2	6.04	5.01	6.08	5.71	10.60	ppb
Selenium	82-1	5.45	4.81	3.78	4.68	18.06	ppb
Silicon	28-1	8.81	3.41	5.98	6.06	44.54	ppb
Silver	109-1	1.22	1.20	1.25	1.22	2.24	ppb
Silver	107-1	1.26	1.20	1.26	1.24	2.72	ppb
Sodium	23-2	482.33	464.70	484.06	477.03	2.25	ppb
Strontium	86-1	0.86	0.80	0.92	0.86	6.79	ppb
Strontium	88-1	0.90	0.93	0.88	0.90	2.70	ppb
Sulfur	34-1	-437.53	-556.44	-626.58	-540.18		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.87	0.89	0.90	0.89	1.73	ppb
Thallium	205-1	0.93	0.91	0.84	0.89	5.21	ppb
Tin	118-1	4.59	4.43	4.43	4.48	2.07	ppb
Titanium	47-1	4.14	4.12	4.22	4.16	1.32	ppb
Uranium	238-1	0.82	0.81	0.82	0.82	0.75	ppb
Vanadium	51-2	4.41	4.70	4.75	4.62	3.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.43	2.09	2.06	2.19	9.45	ppb
Zirconium	90-1	0.84	0.89	0.85	0.86	3.11	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:53:57	DataFile Name :	026LCSE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.85	0.86	0.95	0.89	6.32	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101361BL	Instrumnet Name :	P8
Client Sample ID :	PB101361BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:57:05	DataFile Name :	027CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.63	1.77	-1.03	0.45	309.35	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	22.95	ppb
Arsenic	75-2	-0.01	-0.01	-0.02	-0.02		ppb
Barium	135-1	-0.01	0.00	0.04	0.01	336.83	ppb
Barium	137-1	0.00	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.03	0.08	0.04	0.05	48.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.01	5.74	4.11	4.62	21.02	ppb
Boron	11-1	4.07	4.21	3.60	3.96	8.13	ppb
Cadmium	111-1	0.09	-0.09	-0.07	-0.03		ppb
Cadmium	106-1	1.15	-1.09	-1.04	-0.33		ppb
Cadmium	108-1	-0.04	-0.04	0.04	-0.01		ppb
Calcium	43-1	-3.66	6.63	-11.20	-2.74		ppb
Calcium	44-1	8.87	7.80	0.32	5.66	82.28	ppb
Chromium	52-2	0.10	0.08	0.21	0.13	50.35	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.04	0.06	0.08	0.06	34.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.04	0.41	0.48	0.28	100.99	ppb
Iron	57-2	2.73	1.74	0.67	1.71	60.31	ppb
Lead	206-1	0.05	0.04	0.05	0.05	10.30	ppb
Lead	207-1	0.08	0.04	0.05	0.06	38.38	ppb
Lead	208-1	0.05	0.04	0.05	0.05	7.45	ppb
Lithium	6-1						%
Magnesium	24-2	3.73	5.17	4.26	4.39	16.50	ppb
Manganese	55-2	0.05	-0.05	0.05	0.02	350.41	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101361BL	Instrumnet Name :	P8
Client Sample ID :	PB101361BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:57:05	DataFile Name :	027CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	164.30	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	307.96	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	94.97	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	6.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.07	-0.11	-0.10		ppb
Phosphorus	31-2	-11.05	16.32	48.02	17.76	166.40	ppb
Potassium	39-2	14.61	7.67	27.42	16.57	60.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.70	0.92	1.06	0.43	228.97	ppb
Selenium	82-1	0.46	0.62	-0.59	0.16	400.74	ppb
Silicon	28-1	8.39	15.80	-1.72	7.49	117.40	ppb
Silver	109-1	0.03	0.02	0.02	0.02	17.23	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.90	ppb
Sodium	23-2	26.14	29.58	31.56	29.09	9.42	ppb
Strontium	86-1	0.00	0.03	0.08	0.04	99.25	ppb
Strontium	88-1	0.01	0.00	0.00	0.01	91.37	ppb
Sulfur	34-1	173.65	-298.71	-306.49	-143.85		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.03	0.02	35.05	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	21.76	ppb
Tin	118-1	-0.01	-0.01	0.00	0.00		ppb
Titanium	47-1	0.02	0.05	0.02	0.03	53.95	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	111.18	ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.06	-0.26	0.15	-0.06		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	46.41	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101361BL	Instrumnet Name :	P8
Client Sample ID :	PB101361BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:57:05	DataFile Name :	027CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.04	0.02	89.01	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : PB101419BL Instrumnet Name : P8
 Client Sample ID : PB101419BL Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 14:00:15 DataFile Name : 028LCS6_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.39	26.93	33.24	29.19	12.06	ppb
Antimony	121-1	3.77	3.93	3.82	3.84	2.19	ppb
Arsenic	75-2	2.25	2.21	2.23	2.23	1.04	ppb
Barium	135-1	18.70	18.22	18.88	18.60	1.83	ppb
Barium	137-1	18.77	19.19	18.29	18.75	2.39	ppb
Beryllium	9-1	1.97	2.07	1.90	1.98	4.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	45.68	47.31	49.40	47.46	3.93	ppb
Boron	11-1	46.35	45.43	47.09	46.29	1.79	ppb
Cadmium	111-1	1.95	1.86	1.96	1.92	2.82	ppb
Cadmium	106-1	1.80	0.78	1.24	1.27	40.39	ppb
Cadmium	108-1	2.10	2.45	1.21	1.92	33.37	ppb
Calcium	43-1	925.64	912.04	918.77	918.82	0.74	ppb
Calcium	44-1	949.68	958.39	957.16	955.08	0.49	ppb
Chromium	52-2	3.92	4.53	4.13	4.19	7.34	ppb
Cobalt	59-2	1.90	2.10	2.03	2.01	4.89	ppb
Copper	63-2	4.03	4.31	4.18	4.17	3.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	383.01	402.47	385.36	390.28	2.72	ppb
Iron	57-2	387.06	415.29	369.85	390.73	5.87	ppb
Lead	206-1	2.25	2.26	2.18	2.23	2.02	ppb
Lead	207-1	2.17	2.26	2.13	2.18	3.02	ppb
Lead	208-1	2.21	2.24	2.15	2.20	2.29	ppb
Lithium	6-1						%
Magnesium	24-2	942.36	1005.98	944.91	964.42	3.73	ppb
Manganese	55-2	2.22	2.61	2.48	2.44	8.21	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101419BL	Instrumnet Name :	P8
Client Sample ID :	PB101419BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:00:15	DataFile Name :	028LCS6_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.14	3.91	4.13	4.06	3.19	ppb
Molybdenum	95-1	9.06	9.04	8.83	8.98	1.46	ppb
Molybdenum	96-1	7.42	7.68	7.64	7.58	1.83	ppb
Molybdenum	97-1	8.74	8.98	9.33	9.02	3.30	ppb
Molybdenum	98-1	8.92	9.04	9.06	9.01	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	2.17	2.09	2.05	6.80	ppb
Phosphorus	31-2	29.10	17.09	15.66	20.62	35.79	ppb
Potassium	39-2	945.71	1039.80	942.23	975.92	5.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.57	13.56	9.70	9.94	35.22	ppb
Selenium	78-2	10.52	10.35	9.84	10.24	3.47	ppb
Selenium	82-1	9.56	9.59	10.31	9.82	4.32	ppb
Silicon	28-1	27.19	23.22	25.23	25.22	7.88	ppb
Silver	109-1	2.06	2.16	2.16	2.12	2.63	ppb
Silver	107-1	2.07	1.98	2.05	2.04	2.33	ppb
Sodium	23-2	964.52	1019.46	968.96	984.31	3.10	ppb
Strontium	86-1	1.92	1.83	1.78	1.84	3.90	ppb
Strontium	88-1	1.94	1.97	1.99	1.97	1.51	ppb
Sulfur	34-1	-62.63	-423.44	-157.66	-214.57		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.86	1.83	1.76	1.82	2.71	ppb
Thallium	205-1	1.86	1.92	1.90	1.89	1.82	ppb
Tin	118-1	9.49	9.89	9.75	9.71	2.09	ppb
Titanium	47-1	9.19	9.30	8.99	9.16	1.70	ppb
Uranium	238-1	1.78	1.81	1.77	1.79	1.24	ppb
Vanadium	51-2	9.72	10.12	9.15	9.67	5.04	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.63	4.97	4.69	4.76	3.81	ppb
Zirconium	90-1	1.85	1.79	1.83	1.82	1.69	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101419BL	Instrumnet Name :	P8
Client Sample ID :	PB101419BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:00:15	DataFile Name :	028LCS6_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.80	1.82	1.78	1.80	1.16	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101361BS	Instrumnet Name :	P8
Client Sample ID :	PB101361BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:04:14	DataFile Name :	029LCS6_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9693.85	9749.32	9597.94	9680.37	0.79	ppb
Antimony	121-1	518.06	510.01	505.82	511.30	1.22	ppb
Arsenic	75-2	499.98	502.08	504.04	502.03	0.40	ppb
Barium	135-1	2550.57	2565.75	2540.32	2552.21	0.50	ppb
Barium	137-1	2498.29	2505.94	2496.24	2500.16	0.20	ppb
Beryllium	9-1	484.49	479.35	481.31	481.72	0.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	468.92	462.41	474.38	468.57	1.28	ppb
Boron	11-1	462.99	474.19	474.89	470.69	1.42	ppb
Cadmium	111-1	504.42	510.05	501.22	505.23	0.88	ppb
Cadmium	106-1	513.60	514.76	510.00	512.79	0.48	ppb
Cadmium	108-1	507.64	513.47	511.86	510.99	0.59	ppb
Calcium	43-1	49127.27	49673.97	48806.99	49202.74	0.89	ppb
Calcium	44-1	49685.02	49957.28	49011.89	49551.40	0.98	ppb
Chromium	52-2	504.97	511.71	509.54	508.74	0.68	ppb
Cobalt	59-2	494.39	501.84	494.95	497.06	0.84	ppb
Copper	63-2	1015.20	1029.02	1014.55	1019.59	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25775.19	25769.84	25608.42	25717.82	0.37	ppb
Iron	57-2	25592.95	25749.57	25569.32	25637.28	0.38	ppb
Lead	206-1	490.32	496.09	491.13	492.51	0.63	ppb
Lead	207-1	478.69	487.64	485.40	483.91	0.96	ppb
Lead	208-1	490.05	498.05	490.22	492.77	0.93	ppb
Lithium	6-1						%
Magnesium	24-2	51108.93	51104.43	50868.10	51027.16	0.27	ppb
Manganese	55-2	1015.64	1023.27	1027.05	1021.99	0.57	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101361BS	Instrumnet Name :	P8
Client Sample ID :	PB101361BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:04:14	DataFile Name :	029LCS6_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	493.39	492.10	495.29	493.59	0.33	ppb
Molybdenum	95-1	486.98	487.78	492.54	489.10	0.61	ppb
Molybdenum	96-1	487.08	488.78	492.51	489.46	0.57	ppb
Molybdenum	97-1	476.59	479.74	483.51	479.95	0.72	ppb
Molybdenum	98-1	486.99	482.52	491.07	486.86	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.91	513.98	503.35	506.41	1.30	ppb
Phosphorus	31-2	9723.18	10726.82	10488.32	10312.77	5.08	ppb
Potassium	39-2	24897.79	25020.94	25059.79	24992.84	0.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	500.19	585.68	459.55	515.14	12.50	ppb
Selenium	78-2	493.47	522.57	522.12	512.72	3.25	ppb
Selenium	82-1	488.38	494.29	498.85	493.84	1.06	ppb
Silicon	28-1	485.20	485.38	477.80	482.79	0.90	ppb
Silver	109-1	514.44	519.72	523.25	519.14	0.85	ppb
Silver	107-1	514.92	516.23	511.17	514.10	0.51	ppb
Sodium	23-2	50451.19	50354.75	50285.91	50363.95	0.16	ppb
Strontium	86-1	475.66	481.11	484.41	480.39	0.92	ppb
Strontium	88-1	480.08	484.58	486.74	483.80	0.70	ppb
Sulfur	34-1	9872.25	9872.00	9479.19	9741.15	2.33	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	500.37	501.58	487.01	496.32	1.63	ppb
Thallium	205-1	498.87	501.48	494.78	498.38	0.68	ppb
Tin	118-1	516.44	508.65	499.65	508.24	1.65	ppb
Titanium	47-1	488.02	492.65	487.57	489.41	0.57	ppb
Uranium	238-1	480.57	485.09	479.28	481.65	0.63	ppb
Vanadium	51-2	502.32	510.87	508.19	507.12	0.86	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1008.15	1018.44	1011.37	1012.65	0.52	ppb
Zirconium	90-1	486.27	489.77	494.24	490.09	0.82	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101361BS	Instrumnet Name :	P8
Client Sample ID :	PB101361BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:04:14	DataFile Name :	029LCS6_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.30	497.57	495.96	493.94	1.00	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : PB101419BS Instrumnet Name : P8
 Client Sample ID : PB101419BS Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 14:13:20 DataFile Name : 030CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.29	-4.31	3.63	-0.66		ppb
Antimony	121-1	0.04	0.04	0.06	0.05	13.56	ppb
Arsenic	75-2	0.03	-0.04	0.00	0.00		ppb
Barium	135-1	-0.01	-0.01	-0.02	-0.01		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.02	0.05	0.06	0.04	46.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.27	5.03	4.87	5.06	3.95	ppb
Boron	11-1	5.16	4.59	4.27	4.67	9.66	ppb
Cadmium	111-1	-0.07	-0.08	-0.02	-0.06		ppb
Cadmium	106-1	-0.93	-0.97	-0.14	-0.68		ppb
Cadmium	108-1	0.07	0.07	0.00	0.05	90.80	ppb
Calcium	43-1	-6.74	-10.43	-8.49	-8.56		ppb
Calcium	44-1	10.57	3.04	-1.51	4.03	151.30	ppb
Chromium	52-2	0.03	-0.03	0.04	0.01	342.33	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	1309.02	ppb
Copper	63-2	0.02	0.04	0.02	0.03	41.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.11	0.15	0.06	0.10	42.23	ppb
Iron	57-2	-1.51	-0.68	2.75	0.19	1199.70	ppb
Lead	206-1	0.03	0.01	0.04	0.03	45.93	ppb
Lead	207-1	0.04	0.02	0.03	0.03	31.41	ppb
Lead	208-1	0.03	0.02	0.02	0.02	26.32	ppb
Lithium	6-1						%
Magnesium	24-2	1.36	1.93	1.50	1.59	18.56	ppb
Manganese	55-2	-0.15	-0.06	0.04	-0.05		ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101419BS	Instrumnet Name :	P8
Client Sample ID :	PB101419BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:13:20	DataFile Name :	030CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.00	0.01	70.30	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	50.96	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	59.00	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	67.14	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	48.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.16	-0.03	-0.10		ppb
Phosphorus	31-2	16.13	29.28	15.76	20.39	37.78	ppb
Potassium	39-2	-8.49	3.68	16.77	3.98	317.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.37	0.89	0.36	0.54	56.48	ppb
Selenium	82-1	0.55	0.33	-0.11	0.26	132.23	ppb
Silicon	28-1	0.15	-6.25	-4.49	-3.53		ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.08	ppb
Silver	107-1	0.01	0.01	0.02	0.01	25.07	ppb
Sodium	23-2	22.25	18.25	19.46	19.99	10.26	ppb
Strontium	86-1	-0.03	0.04	0.03	0.01	259.99	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-256.91	-838.48	-741.28	-612.22		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	6.08	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	13.59	ppb
Tin	118-1	0.03	0.00	0.00	0.01	181.96	ppb
Titanium	47-1	0.00	0.05	0.07	0.04	90.78	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	177.54	ppb
Vanadium	51-2	0.00	-0.02	-0.02	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.28	-0.07	-0.14	-0.17		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	105.60	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101419BS	Instrumnet Name :	P8
Client Sample ID :	PB101419BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:13:20	DataFile Name :	030CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.00	0.00	2161.82	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DL3X10	Instrumnet Name :	P8
Client Sample ID :	0522DL	Dilution Factor :	10
Date & Time Acquired ::	2017-08-10 14:16:28	DataFile Name :	031SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5969.08	5836.55	6002.94	5936.19	1.48	ppb
Antimony	121-1	52.32	51.00	50.96	51.43	1.50	ppb
Arsenic	75-2	179.00	178.66	178.77	178.81	0.10	ppb
Barium	135-1	248.73	239.65	243.30	243.89	1.87	ppb
Barium	137-1	248.40	240.52	242.17	243.69	1.70	ppb
Beryllium	9-1	111.85	112.31	110.75	111.63	0.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	334.90	349.56	351.63	345.37	2.64	ppb
Boron	11-1	342.59	347.77	349.74	346.70	1.07	ppb
Cadmium	111-1	184.31	179.51	181.17	181.66	1.34	ppb
Cadmium	106-1	164.76	154.95	155.23	158.31	3.53	ppb
Cadmium	108-1	175.07	167.98	169.51	170.85	2.18	ppb
Calcium	43-1	11297.67	11346.92	11341.81	11328.80	0.24	ppb
Calcium	44-1	11418.45	11635.86	11502.54	11518.95	0.95	ppb
Chromium	52-2	193.65	199.81	198.87	197.44	1.68	ppb
Cobalt	59-2	83.71	86.46	86.25	85.47	1.79	ppb
Copper	63-2	133.99	138.39	138.27	136.88	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9984.57	10229.32	10222.33	10145.41	1.37	ppb
Iron	57-2	9948.90	10280.86	10208.13	10145.96	1.72	ppb
Lead	206-1	149.45	151.94	151.62	151.00	0.90	ppb
Lead	207-1	145.47	149.15	146.80	147.14	1.27	ppb
Lead	208-1	148.10	149.99	148.85	148.98	0.64	ppb
Lithium	6-1						%
Magnesium	24-2	3705.59	3834.09	3887.76	3809.15	2.46	ppb
Manganese	55-2	1035.08	1052.61	1061.39	1049.69	1.28	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DL3X10	Instrumnet Name :	P8
Client Sample ID :	0522DL	Dilution Factor :	10
Date & Time Acquired ::	2017-08-10 14:16:28	DataFile Name :	031SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	13.57	13.63	13.40	13.54	0.88	ppb
Molybdenum	95-1	39.25	38.58	38.83	38.89	0.87	ppb
Molybdenum	96-1	33.08	32.36	32.70	32.71	1.11	ppb
Molybdenum	97-1	39.75	38.83	38.75	39.11	1.42	ppb
Molybdenum	98-1	40.22	38.61	39.77	39.53	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	282.02	291.40	289.04	287.49	1.70	ppb
Phosphorus	31-2	410.19	493.27	491.86	465.11	10.23	ppb
Potassium	39-2	1660.36	1720.78	1694.23	1691.79	1.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	353.82	251.98	350.59	318.80	18.16	ppb
Selenium	78-2	293.13	287.61	295.37	292.03	1.37	ppb
Selenium	82-1	290.64	285.55	289.27	288.49	0.91	ppb
Silicon	28-1	239.75	237.64	262.33	246.57	5.55	ppb
Silver	109-1	78.43	76.51	77.32	77.42	1.25	ppb
Silver	107-1	78.20	76.28	77.37	77.28	1.24	ppb
Sodium	23-2	3051.92	3112.98	3133.45	3099.45	1.37	ppb
Strontium	86-1	227.44	222.70	223.90	224.68	1.10	ppb
Strontium	88-1	229.51	225.59	227.70	227.60	0.86	ppb
Sulfur	34-1	-891.97	-1043.69	-899.09	-944.91		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	181.99	185.29	184.31	183.86	0.92	ppb
Thallium	205-1	191.56	194.86	192.19	192.87	0.91	ppb
Tin	118-1	138.42	133.21	133.96	135.20	2.08	ppb
Titanium	47-1	25.35	25.61	25.26	25.41	0.73	ppb
Uranium	238-1	0.26	0.27	0.25	0.26	4.98	ppb
Vanadium	51-2	249.10	254.91	256.93	253.65	1.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	256.03	265.12	262.00	261.05	1.77	ppb
Zirconium	90-1	2.18	2.12	2.15	2.15	1.44	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DL3X10	Instrumnet Name :	P8
Client Sample ID :	0522DL	Dilution Factor :	10
Date & Time Acquired ::	2017-08-10 14:16:28	DataFile Name :	031SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.21	2.10	2.13	2.15	2.84	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	0522DL2	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 14:19:35	DataFile Name :	032SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12080.77	11721.52	11869.47	11890.59	1.52	ppb
Antimony	121-1	100.38	101.31	103.50	101.73	1.57	ppb
Arsenic	75-2	348.88	349.42	347.52	348.61	0.28	ppb
Barium	135-1	479.23	480.15	489.81	483.06	1.21	ppb
Barium	137-1	476.73	486.77	485.73	483.08	1.14	ppb
Beryllium	9-1	216.86	214.76	221.92	217.85	1.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	677.33	675.79	714.12	689.08	3.15	ppb
Boron	11-1	677.80	686.73	707.55	690.69	2.21	ppb
Cadmium	111-1	356.56	362.17	361.08	359.94	0.83	ppb
Cadmium	106-1	316.81	324.76	321.17	320.91	1.24	ppb
Cadmium	108-1	336.82	339.98	343.55	340.12	0.99	ppb
Calcium	43-1	22107.36	22333.90	22366.22	22269.16	0.63	ppb
Calcium	44-1	22220.13	22430.67	22277.62	22309.47	0.49	ppb
Chromium	52-2	391.98	391.21	396.01	393.07	0.66	ppb
Cobalt	59-2	167.75	169.73	172.19	169.89	1.31	ppb
Copper	63-2	271.85	272.19	276.03	273.36	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	20012.63	20391.42	20288.12	20230.72	0.97	ppb
Iron	57-2	20057.89	20316.00	20535.58	20303.16	1.18	ppb
Lead	206-1	300.79	300.07	297.88	299.58	0.51	ppb
Lead	207-1	290.55	292.13	290.76	291.15	0.29	ppb
Lead	208-1	300.05	301.39	300.35	300.60	0.23	ppb
Lithium	6-1						%
Magnesium	24-2	7507.48	7599.55	7697.41	7601.48	1.25	ppb
Manganese	55-2	2072.52	2075.52	2079.72	2075.92	0.17	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	0522DL2	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 14:19:35	DataFile Name :	032SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	26.38	27.12	27.24	26.91	1.74	ppb
Molybdenum	95-1	75.18	76.62	77.00	76.27	1.26	ppb
Molybdenum	96-1	63.57	65.12	65.89	64.86	1.82	ppb
Molybdenum	97-1	77.62	78.75	78.17	78.18	0.72	ppb
Molybdenum	98-1	77.18	78.91	78.67	78.25	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	569.12	567.86	575.07	570.68	0.67	ppb
Phosphorus	31-2	931.02	781.37	894.11	868.83	8.97	ppb
Potassium	39-2	3388.18	3395.18	3456.21	3413.19	1.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	597.61	560.65	620.06	592.78	5.06	ppb
Selenium	78-2	565.77	571.30	583.76	573.61	1.61	ppb
Selenium	82-1	560.06	568.29	576.93	568.42	1.48	ppb
Silicon	28-1	480.86	460.84	465.79	469.17	2.22	ppb
Silver	109-1	152.04	155.86	155.27	154.39	1.33	ppb
Silver	107-1	152.05	153.56	155.55	153.72	1.14	ppb
Sodium	23-2	6097.63	6069.05	6222.23	6129.64	1.33	ppb
Strontium	86-1	435.29	444.64	449.40	443.11	1.62	ppb
Strontium	88-1	441.06	447.34	446.59	445.00	0.77	ppb
Sulfur	34-1	-931.44	-1042.93	-923.27	-965.88		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	381.51	383.07	378.01	380.86	0.68	ppb
Thallium	205-1	384.33	379.82	379.57	381.24	0.70	ppb
Tin	118-1	264.33	267.18	269.76	267.09	1.02	ppb
Titanium	47-1	53.13	50.19	51.39	51.57	2.86	ppb
Uranium	238-1	0.50	0.52	0.54	0.52	4.45	ppb
Vanadium	51-2	500.20	507.11	503.55	503.62	0.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	518.45	518.22	521.04	519.24	0.30	ppb
Zirconium	90-1	4.21	4.30	4.21	4.24	1.12	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	0522DL2	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 14:19:35	DataFile Name :	032SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	4.13	4.29	4.43	4.28	3.58	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01	Instrumnet Name :	P8
Client Sample ID :	0522	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:28:51	DataFile Name :	033SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55768.00	55105.51	55704.89	55526.14	0.66	ppb
Antimony	121-1	496.00	486.70	496.57	493.09	1.12	ppb
Arsenic	75-2	1574.17	1580.14	1562.51	1572.27	0.57	ppb
Barium	135-1	2388.24	2353.53	2354.26	2365.34	0.84	ppb
Barium	137-1	2332.22	2311.86	2311.13	2318.40	0.52	ppb
Beryllium	9-1	923.19	911.20	918.83	917.74	0.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2919.32	2898.95	2978.06	2932.11	1.40	ppb
Boron	11-1	2937.77	2946.15	3026.68	2970.20	1.65	ppb
Cadmium	111-1	1696.29	1698.64	1689.23	1694.72	0.29	ppb
Cadmium	106-1	1486.58	1477.36	1506.16	1490.03	0.99	ppb
Cadmium	108-1	1584.92	1561.44	1605.72	1584.03	1.40	ppb
Calcium	43-1	108554.82	107397.32	107856.33	107936.16	0.54	ppb
Calcium	44-1	105961.91	105244.58	107428.62	106211.70	1.05	ppb
Chromium	52-2	1972.99	1931.22	1975.55	1959.92	1.27	ppb
Cobalt	59-2	847.31	837.77	856.34	847.14	1.10	ppb
Copper	63-2	1352.32	1332.06	1371.73	1352.03	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	97769.36	96522.23	99110.48	97800.69	1.32	ppb
Iron	57-2	99936.19	98350.82	101055.92	99780.98	1.36	ppb
Lead	206-1	1457.51	1479.27	1468.39	1468.39	0.74	ppb
Lead	207-1	1428.13	1416.21	1430.45	1424.93	0.54	ppb
Lead	208-1	1437.46	1437.81	1444.03	1439.76	0.26	ppb
Lithium	6-1						%
Magnesium	24-2	37507.10	36086.80	37323.60	36972.50	2.09	ppb
Manganese	55-2	10046.66	9997.33	10050.83	10031.61	0.30	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01	Instrumnet Name :	P8
Client Sample ID :	0522	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:28:51	DataFile Name :	033SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	116.44	119.20	119.73	118.46	1.49	ppb
Molybdenum	95-1	338.77	346.15	351.70	345.54	1.88	ppb
Molybdenum	96-1	288.40	297.55	297.71	294.55	1.81	ppb
Molybdenum	97-1	335.04	345.87	343.23	341.38	1.65	ppb
Molybdenum	98-1	344.63	352.92	357.28	351.61	1.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2801.19	2785.86	2875.19	2820.75	1.69	ppb
Phosphorus	31-2	4149.90	4655.14	3848.93	4217.99	9.66	ppb
Potassium	39-2	16080.45	15710.57	15814.12	15868.38	1.20	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2617.98	2666.42	2678.51	2654.30	1.21	ppb
Selenium	78-2	2519.27	2517.11	2461.04	2499.14	1.32	ppb
Selenium	82-1	2426.40	2450.44	2473.28	2450.04	0.96	ppb
Silicon	28-1	2090.13	2048.98	2180.77	2106.63	3.20	ppb
Silver	109-1	726.14	714.93	719.19	720.09	0.79	ppb
Silver	107-1	717.66	712.81	729.61	720.03	1.20	ppb
Sodium	23-2	30065.05	29898.69	30158.52	30040.75	0.44	ppb
Strontium	86-1	1925.84	1940.18	1957.71	1941.24	0.82	ppb
Strontium	88-1	1945.96	1964.86	1981.12	1963.98	0.90	ppb
Sulfur	34-1	1708.75	1546.66	1645.46	1633.62	5.00	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1796.04	1794.96	1809.19	1800.06	0.44	ppb
Thallium	205-1	1826.24	1812.87	1828.48	1822.53	0.46	ppb
Tin	118-1	1263.50	1261.14	1255.34	1259.99	0.33	ppb
Titanium	47-1	234.68	234.61	236.95	235.41	0.57	ppb
Uranium	238-1	2.58	2.46	2.50	2.51	2.33	ppb
Vanadium	51-2	2536.05	2478.78	2551.89	2522.24	1.52	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2421.76	2413.20	2456.20	2430.39	0.94	ppb
Zirconium	90-1	18.15	18.63	18.51	18.43	1.34	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01	Instrumnet Name :	P8
Client Sample ID :	0522	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:28:51	DataFile Name :	033SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	18.47	18.76	18.74	18.65	0.87	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DLX2	Instrumnet Name :	P8
Client Sample ID :	0522DL	Dilution Factor :	2
Date & Time Acquired ::	2017-08-10 14:41:18	DataFile Name :	034SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28821.12	28031.46	28343.48	28398.69	1.40	ppb
Antimony	121-1	252.94	254.58	249.78	252.44	0.97	ppb
Arsenic	75-2	852.12	849.54	854.00	851.89	0.26	ppb
Barium	135-1	1225.44	1221.79	1201.45	1216.23	1.06	ppb
Barium	137-1	1203.00	1228.63	1192.77	1208.13	1.53	ppb
Beryllium	9-1	502.97	498.92	503.45	501.78	0.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1601.49	1592.34	1615.72	1603.18	0.73	ppb
Boron	11-1	1639.11	1620.53	1621.21	1626.95	0.65	ppb
Cadmium	111-1	864.78	864.08	864.06	864.31	0.05	ppb
Cadmium	106-1	771.88	771.92	779.02	774.27	0.53	ppb
Cadmium	108-1	816.07	825.37	821.77	821.07	0.57	ppb
Calcium	43-1	54736.98	54996.52	54803.57	54845.69	0.25	ppb
Calcium	44-1	54662.51	55677.26	54657.78	54999.18	1.07	ppb
Chromium	52-2	984.71	974.62	977.86	979.06	0.53	ppb
Cobalt	59-2	423.87	417.43	420.21	420.50	0.77	ppb
Copper	63-2	683.32	676.88	678.39	679.53	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	50543.63	49715.35	49695.82	49984.93	0.97	ppb
Iron	57-2	50454.63	49726.10	49686.49	49955.74	0.87	ppb
Lead	206-1	758.84	758.76	768.45	762.02	0.73	ppb
Lead	207-1	736.45	727.66	734.21	732.77	0.62	ppb
Lead	208-1	747.69	741.99	753.02	747.57	0.74	ppb
Lithium	6-1						%
Magnesium	24-2	18637.04	18438.75	18484.07	18519.95	0.56	ppb
Manganese	55-2	5168.07	5147.23	5155.37	5156.89	0.20	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DLX2	Instrumnet Name :	P8
Client Sample ID :	0522DL	Dilution Factor :	2
Date & Time Acquired ::	2017-08-10 14:41:18	DataFile Name :	034SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	63.40	63.44	63.95	63.60	0.48	ppb
Molybdenum	95-1	180.34	181.50	180.07	180.64	0.42	ppb
Molybdenum	96-1	152.99	153.83	154.43	153.75	0.47	ppb
Molybdenum	97-1	182.79	183.75	185.96	184.17	0.88	ppb
Molybdenum	98-1	185.05	186.02	187.12	186.06	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1426.78	1419.60	1416.50	1420.96	0.37	ppb
Phosphorus	31-2	2078.76	1585.55	2081.55	1915.29	14.91	ppb
Potassium	39-2	8284.64	8137.97	8147.06	8189.89	1.00	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1421.26	1474.27	1346.59	1414.04	4.54	ppb
Selenium	78-2	1311.41	1381.07	1321.14	1337.87	2.82	ppb
Selenium	82-1	1323.46	1337.13	1339.52	1333.37	0.65	ppb
Silicon	28-1	1125.15	1150.23	1138.51	1137.96	1.10	ppb
Silver	109-1	378.86	380.33	374.42	377.87	0.81	ppb
Silver	107-1	379.81	381.05	372.98	377.95	1.15	ppb
Sodium	23-2	15545.34	15354.91	15353.46	15417.90	0.72	ppb
Strontium	86-1	1051.25	1053.95	1052.53	1052.58	0.13	ppb
Strontium	88-1	1056.33	1055.05	1050.70	1054.03	0.28	ppb
Sulfur	34-1	-118.85	-76.70	-318.55	-171.37		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	935.50	932.76	935.46	934.57	0.17	ppb
Thallium	205-1	932.31	923.38	943.94	933.21	1.10	ppb
Tin	118-1	664.69	659.15	646.96	656.93	1.38	ppb
Titanium	47-1	119.11	124.77	123.38	122.42	2.41	ppb
Uranium	238-1	1.28	1.30	1.29	1.29	1.04	ppb
Vanadium	51-2	1259.56	1249.17	1239.17	1249.30	0.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1267.93	1255.00	1252.72	1258.55	0.65	ppb
Zirconium	90-1	9.99	10.09	9.89	9.99	0.99	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DLX2	Instrumnet Name :	P8
Client Sample ID :	0522DL	Dilution Factor :	2
Date & Time Acquired ::	2017-08-10 14:41:18	DataFile Name :	034SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	10.44	10.05	10.23	10.24	1.89	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:50:52	DataFile Name :	035CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49256.99	49278.66	49074.45	49203.36	0.23	ppb
Antimony	121-1	491.66	479.52	484.34	485.18	1.26	ppb
Arsenic	75-2	493.92	496.90	499.37	496.73	0.55	ppb
Barium	135-1	2499.04	2431.19	2463.74	2464.66	1.38	ppb
Barium	137-1	2448.26	2426.86	2407.03	2427.38	0.85	ppb
Beryllium	9-1	499.73	496.13	496.20	497.36	0.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	495.98	507.38	507.12	503.50	1.29	ppb
Boron	11-1	506.38	513.10	520.93	513.47	1.42	ppb
Cadmium	111-1	479.35	468.55	470.91	472.94	1.20	ppb
Cadmium	106-1	487.01	478.17	472.33	479.17	1.54	ppb
Cadmium	108-1	481.85	478.31	477.37	479.18	0.49	ppb
Calcium	43-1	239164.26	239612.26	239178.08	239318.20	0.11	ppb
Calcium	44-1	239334.27	238784.20	241584.97	239901.15	0.62	ppb
Chromium	52-2	513.94	511.50	507.51	510.99	0.64	ppb
Cobalt	59-2	494.81	499.47	488.85	494.38	1.08	ppb
Copper	63-2	997.37	999.76	990.78	995.97	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	122097.96	122317.83	120596.79	121670.86	0.77	ppb
Iron	57-2	123211.06	125311.98	122647.07	123723.37	1.14	ppb
Lead	206-1	501.47	489.04	496.17	495.56	1.26	ppb
Lead	207-1	501.95	487.44	490.34	493.24	1.56	ppb
Lead	208-1	499.70	492.32	493.72	495.25	0.79	ppb
Lithium	6-1						%
Magnesium	24-2	245617.46	246464.41	242397.09	244826.32	0.88	ppb
Manganese	55-2	1017.06	1021.96	999.85	1012.96	1.15	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:50:52	DataFile Name :	035CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	491.13	493.05	489.37	491.18	0.37	ppb
Molybdenum	95-1	483.97	483.53	483.04	483.51	0.10	ppb
Molybdenum	96-1	488.77	482.59	481.70	484.36	0.79	ppb
Molybdenum	97-1	477.98	473.07	472.99	474.68	0.60	ppb
Molybdenum	98-1	496.25	483.84	485.56	488.55	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.18	498.74	495.98	498.30	0.43	ppb
Phosphorus	31-2	9651.98	9773.96	10170.39	9865.44	2.75	ppb
Potassium	39-2	125222.33	124084.72	122322.35	123876.47	1.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	448.11	501.20	439.52	462.94	7.22	ppb
Selenium	78-2	491.63	482.92	483.17	485.90	1.02	ppb
Selenium	82-1	477.95	476.48	482.34	478.92	0.64	ppb
Silicon	28-1	478.22	468.41	477.47	474.70	1.15	ppb
Silver	109-1	490.96	479.33	478.70	483.00	1.43	ppb
Silver	107-1	488.33	480.84	475.41	481.52	1.35	ppb
Sodium	23-2	245853.52	247294.05	243787.25	245644.94	0.72	ppb
Strontium	86-1	489.15	488.38	485.87	487.80	0.35	ppb
Strontium	88-1	493.98	495.09	491.55	493.54	0.37	ppb
Sulfur	34-1	9331.62	9184.70	9324.61	9280.31	0.89	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	500.96	493.00	495.11	496.36	0.83	ppb
Thallium	205-1	503.06	493.08	493.44	496.52	1.14	ppb
Tin	118-1	494.08	478.04	484.73	485.62	1.66	ppb
Titanium	47-1	494.18	486.71	491.02	490.64	0.76	ppb
Uranium	238-1	500.52	495.68	501.00	499.07	0.59	ppb
Vanadium	51-2	510.91	513.73	505.91	510.18	0.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	994.40	987.16	986.82	989.46	0.43	ppb
Zirconium	90-1	488.58	491.02	482.56	487.39	0.89	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:50:52	DataFile Name :	035CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.51	488.01	489.12	489.55	0.37	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:10:43	DataFile Name :	038LCS6_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.25	22.52	25.24	25.34	11.33	ppb
Antimony	121-1	1.84	1.81	1.81	1.82	1.05	ppb
Arsenic	75-2	0.83	0.98	1.07	0.96	12.42	ppb
Barium	135-1	8.64	8.91	8.82	8.79	1.53	ppb
Barium	137-1	9.04	8.62	8.78	8.81	2.38	ppb
Beryllium	9-1	0.97	1.03	0.91	0.97	5.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	29.74	29.46	31.19	30.13	3.08	ppb
Boron	11-1	31.75	28.73	31.72	30.73	5.65	ppb
Cadmium	111-1	0.87	0.88	0.90	0.88	1.67	ppb
Cadmium	106-1	0.20	-0.19	0.57	0.20	194.17	ppb
Cadmium	108-1	1.15	0.82	0.76	0.91	23.13	ppb
Calcium	43-1	443.47	436.39	404.02	427.96	4.91	ppb
Calcium	44-1	453.28	435.22	436.01	441.50	2.31	ppb
Chromium	52-2	1.89	2.06	2.19	2.05	7.31	ppb
Cobalt	59-2	0.94	0.91	0.90	0.92	2.03	ppb
Copper	63-2	2.20	2.19	2.26	2.22	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.77	46.65	47.48	46.97	0.95	ppb
Iron	57-2	43.89	49.95	42.64	45.50	8.59	ppb
Lead	206-1	0.91	0.96	0.91	0.93	3.18	ppb
Lead	207-1	1.05	0.99	0.91	0.98	7.37	ppb
Lead	208-1	0.98	0.98	0.96	0.97	1.54	ppb
Lithium	6-1						%
Magnesium	24-2	451.50	445.65	475.18	457.44	3.42	ppb
Manganese	55-2	1.20	1.01	1.28	1.16	12.00	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:10:43	DataFile Name :	038LCS6_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.82	1.83	1.91	1.85	2.75	ppb
Molybdenum	95-1	3.98	3.98	4.29	4.08	4.40	ppb
Molybdenum	96-1	3.51	3.47	3.44	3.48	1.12	ppb
Molybdenum	97-1	4.06	3.96	4.14	4.05	2.31	ppb
Molybdenum	98-1	4.14	4.13	4.18	4.15	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.79	0.83	0.83	3.80	ppb
Phosphorus	31-2	2.69	2.89	31.73	12.44	134.35	ppb
Potassium	39-2	446.89	450.13	484.09	460.37	4.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.69	3.39	3.41	4.49	42.31	ppb
Selenium	78-2	4.75	5.92	6.52	5.73	15.74	ppb
Selenium	82-1	4.91	4.41	5.13	4.82	7.70	ppb
Silicon	28-1	8.19	1.16	2.56	3.97	93.77	ppb
Silver	109-1	1.27	1.19	1.30	1.25	4.49	ppb
Silver	107-1	1.27	1.24	1.29	1.27	2.18	ppb
Sodium	23-2	459.24	470.15	475.88	468.42	1.80	ppb
Strontium	86-1	0.93	0.78	0.94	0.88	9.74	ppb
Strontium	88-1	0.89	0.89	0.90	0.89	0.37	ppb
Sulfur	34-1	-59.76	-610.85	-648.49	-439.70		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.84	0.81	0.83	0.83	1.67	ppb
Thallium	205-1	0.94	0.92	0.84	0.90	6.13	ppb
Tin	118-1	4.46	4.42	4.49	4.46	0.85	ppb
Titanium	47-1	4.50	4.35	4.50	4.45	1.90	ppb
Uranium	238-1	0.83	0.83	0.84	0.84	0.75	ppb
Vanadium	51-2	4.60	4.70	4.67	4.66	1.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.69	2.23	2.33	2.08	16.32	ppb
Zirconium	90-1	0.81	0.85	0.85	0.84	2.57	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:10:43	DataFile Name :	038LCS6_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.84	0.86	0.93	0.88	5.17	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:14:57	DataFile Name :	039CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.30	-1.22	1.78	-0.91		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	70.79	ppb
Arsenic	75-2	-0.01	-0.03	0.07	0.01	485.81	ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.05	0.04	0.05	0.05	11.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.49	9.84	9.53	9.62	1.96	ppb
Boron	11-1	9.50	9.30	9.26	9.35	1.37	ppb
Cadmium	111-1	-0.03	-0.04	-0.13	-0.07		ppb
Cadmium	106-1	-0.16	-0.56	-1.75	-0.82		ppb
Cadmium	108-1	0.08	0.04	0.03	0.05	55.51	ppb
Calcium	43-1	-11.79	-6.28	-10.35	-9.48		ppb
Calcium	44-1	-0.76	-7.15	-12.06	-6.66		ppb
Chromium	52-2	-0.01	0.10	0.06	0.05	103.28	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.04	0.02	0.09	0.05	76.66	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.15	0.25	0.03	0.14	75.86	ppb
Iron	57-2	-0.63	0.96	0.28	0.21	385.97	ppb
Lead	206-1	0.04	0.02	0.02	0.03	44.05	ppb
Lead	207-1	0.05	0.03	0.07	0.05	40.25	ppb
Lead	208-1	0.04	0.02	0.04	0.04	27.57	ppb
Lithium	6-1						%
Magnesium	24-2	0.54	1.06	1.82	1.14	56.73	ppb
Manganese	55-2	-0.04	-0.04	-0.08	-0.05		ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:14:57	DataFile Name :	039CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.00	0.00	897.48	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	284.07	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.01	18.18	ppb
Molybdenum	97-1	0.02	0.04	0.01	0.02	77.48	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.18	-0.15	-0.17		ppb
Phosphorus	31-2	-11.05	30.78	2.65	7.46	285.79	ppb
Potassium	39-2	-2.20	-4.48	12.90	2.07	455.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.34	1.11	173.21	ppb
Selenium	78-2	0.38	0.93	0.94	0.75	42.77	ppb
Selenium	82-1	0.66	-0.07	0.72	0.44	99.89	ppb
Silicon	28-1	3.00	-3.49	-5.74	-2.08		ppb
Silver	109-1	0.03	0.04	0.04	0.03	18.35	ppb
Silver	107-1	0.04	0.03	0.03	0.03	24.29	ppb
Sodium	23-2	13.71	11.02	11.71	12.14	11.52	ppb
Strontium	86-1	0.01	0.11	0.05	0.06	92.71	ppb
Strontium	88-1	-0.02	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	429.39	-221.88	-429.58	-74.02		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	12.39	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	22.86	ppb
Tin	118-1	0.01	0.02	0.01	0.01	35.94	ppb
Titanium	47-1	0.01	-0.03	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.16	-0.04	-0.14	-0.11		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	105.14	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:14:57	DataFile Name :	039CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	-0.01	0.00	638.13	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101417BL	Instrumnet Name :	P8
Client Sample ID :	PB101417BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:48:22	DataFile Name :	040CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.38	-2.43	-1.47	-2.10		ppb
Antimony	121-1	0.01	0.01	0.00	0.01	65.19	ppb
Arsenic	75-2	-0.01	0.00	-0.04	-0.02		ppb
Barium	135-1	0.01	-0.01	0.01	0.00	461.54	ppb
Barium	137-1	-0.01	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.03	0.06	0.05	0.05	39.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.03	2.87	3.56	2.82	27.11	ppb
Boron	11-1	2.99	2.39	2.61	2.66	11.38	ppb
Cadmium	111-1	-0.12	0.02	-0.02	-0.04		ppb
Cadmium	106-1	-1.62	0.35	-0.23	-0.50		ppb
Cadmium	108-1	-0.07	0.00	0.03	-0.01		ppb
Calcium	43-1	-8.84	-13.75	-9.66	-10.75		ppb
Calcium	44-1	-15.18	-18.52	-13.80	-15.83		ppb
Chromium	52-2	-0.03	-0.11	-0.08	-0.07		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	-0.02	-0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.04	-0.20	-0.18	-0.14		ppb
Iron	57-2	-1.08	0.18	-1.42	-0.77		ppb
Lead	206-1	0.01	0.01	0.02	0.01	20.97	ppb
Lead	207-1	0.02	0.02	0.03	0.02	21.96	ppb
Lead	208-1	0.00	0.02	0.02	0.01	60.48	ppb
Lithium	6-1						%
Magnesium	24-2	-0.03	0.46	0.29	0.24	104.80	ppb
Manganese	55-2	0.03	-0.06	0.00	-0.01		ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101417BL	Instrumnet Name :	P8
Client Sample ID :	PB101417BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:48:22	DataFile Name :	040CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	274.14	ppb
Molybdenum	97-1	-0.01	0.01	0.02	0.01	199.62	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.20	-0.16	-0.14	-0.17		ppb
Phosphorus	31-2	15.02	27.02	14.53	18.86	37.52	ppb
Potassium	39-2	-11.63	-3.89	-9.28	-8.27		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.82	1.33	1.84	1.33	38.36	ppb
Selenium	82-1	0.31	0.99	0.05	0.45	108.70	ppb
Silicon	28-1	-9.04	-11.25	-10.63	-10.31		ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.21	ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.78	ppb
Sodium	23-2	2.23	5.48	4.29	4.00	41.05	ppb
Strontium	86-1	-0.01	0.03	-0.12	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-644.89	-640.28	-632.53	-639.23		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	42.17	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	15.10	ppb
Tin	118-1	-0.01	-0.04	-0.02	-0.02		ppb
Titanium	47-1	0.03	0.05	-0.01	0.02	127.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	170.48	ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.09	-0.11	-0.15	-0.12		ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	717.56	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101417BL	Instrumnet Name :	P8
Client Sample ID :	PB101417BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:48:22	DataFile Name :	040CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.01	0.01	125.25	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101417BS	Instrumnet Name :	P8
Client Sample ID :	PB101417BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:51:32	DataFile Name :	041LCS6_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9359.54	9246.75	9535.41	9380.57	1.55	ppb
Antimony	121-1	496.64	497.07	496.72	496.81	0.05	ppb
Arsenic	75-2	484.60	495.49	495.35	491.81	1.27	ppb
Barium	135-1	2445.97	2455.23	2485.58	2462.26	0.84	ppb
Barium	137-1	2436.90	2425.58	2410.79	2424.42	0.54	ppb
Beryllium	9-1	482.80	493.82	486.92	487.84	1.14	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	462.50	477.85	479.76	473.37	2.00	ppb
Boron	11-1	455.38	482.65	478.21	472.08	3.10	ppb
Cadmium	111-1	489.32	492.14	498.57	493.34	0.96	ppb
Cadmium	106-1	509.81	507.15	506.15	507.70	0.37	ppb
Cadmium	108-1	497.90	502.64	503.55	501.36	0.61	ppb
Calcium	43-1	48391.50	48425.67	47581.30	48132.82	0.99	ppb
Calcium	44-1	48469.43	48530.63	47834.08	48278.05	0.80	ppb
Chromium	52-2	497.02	496.11	498.03	497.05	0.19	ppb
Cobalt	59-2	487.74	486.99	486.67	487.13	0.11	ppb
Copper	63-2	999.78	994.90	989.66	994.78	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24802.25	24893.15	24789.23	24828.21	0.23	ppb
Iron	57-2	24706.22	25012.29	24915.62	24878.04	0.63	ppb
Lead	206-1	483.11	485.95	478.55	482.54	0.77	ppb
Lead	207-1	479.41	480.82	479.15	479.80	0.19	ppb
Lead	208-1	483.25	483.16	479.13	481.85	0.49	ppb
Lithium	6-1						%
Magnesium	24-2	49820.68	49470.68	49350.07	49547.14	0.49	ppb
Manganese	55-2	990.65	992.06	997.29	993.33	0.35	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101417BS	Instrumnet Name :	P8
Client Sample ID :	PB101417BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:51:32	DataFile Name :	041LCS6_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	474.56	477.99	483.42	478.66	0.93	ppb
Molybdenum	95-1	480.57	476.82	482.98	480.12	0.65	ppb
Molybdenum	96-1	475.51	479.48	486.38	480.46	1.14	ppb
Molybdenum	97-1	468.61	467.18	472.18	469.32	0.55	ppb
Molybdenum	98-1	474.87	476.47	483.53	478.29	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.69	494.23	493.03	494.32	0.27	ppb
Phosphorus	31-2	9767.33	9704.81	10159.00	9877.05	2.49	ppb
Potassium	39-2	24353.23	24543.28	24398.97	24431.83	0.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	452.56	520.17	503.31	492.01	7.15	ppb
Selenium	78-2	496.42	484.83	484.30	488.51	1.40	ppb
Selenium	82-1	483.88	485.99	491.83	487.23	0.85	ppb
Silicon	28-1	472.04	474.40	476.85	474.43	0.51	ppb
Silver	109-1	504.67	505.85	513.56	508.03	0.95	ppb
Silver	107-1	507.90	502.96	505.91	505.59	0.49	ppb
Sodium	23-2	48761.40	49788.48	48999.69	49183.19	1.09	ppb
Strontium	86-1	469.07	470.47	473.05	470.87	0.43	ppb
Strontium	88-1	474.43	476.39	475.61	475.47	0.21	ppb
Sulfur	34-1	9573.22	9671.22	9202.31	9482.25	2.61	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	486.44	475.85	481.51	481.27	1.10	ppb
Thallium	205-1	489.76	483.69	481.70	485.05	0.87	ppb
Tin	118-1	493.03	495.19	493.61	493.94	0.23	ppb
Titanium	47-1	482.02	484.44	472.63	479.70	1.30	ppb
Uranium	238-1	471.12	465.49	467.60	468.07	0.61	ppb
Vanadium	51-2	494.00	496.82	494.25	495.02	0.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	987.65	996.05	986.87	990.19	0.51	ppb
Zirconium	90-1	471.33	482.97	479.30	477.87	1.25	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101417BS	Instrumnet Name :	P8
Client Sample ID :	PB101417BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:51:32	DataFile Name :	041LCS6_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	483.36	481.68	471.65	478.90	1.32	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01	Instrumnet Name :	P8
Client Sample ID :	VE-4-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:54:32	DataFile Name :	042SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.37	17.19	11.75	13.44	24.23	ppb
Antimony	121-1	2.06	2.06	2.06	2.06	0.06	ppb
Arsenic	75-2	1.70	1.68	1.63	1.67	2.31	ppb
Barium	135-1	84.49	83.61	84.88	84.33	0.77	ppb
Barium	137-1	84.81	84.38	85.90	85.03	0.92	ppb
Beryllium	9-1	0.09	0.05	0.06	0.07	29.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	62.97	65.06	60.58	62.87	3.56	ppb
Boron	11-1	64.31	64.00	59.74	62.68	4.07	ppb
Cadmium	111-1	-0.01	0.08	0.07	0.05	99.01	ppb
Cadmium	106-1	-1.25	-0.26	-0.11	-0.54		ppb
Cadmium	108-1	0.25	0.10	0.17	0.17	41.80	ppb
Calcium	43-1	255547.85	259726.97	259017.10	258097.31	0.87	ppb
Calcium	44-1	259374.89	260344.95	257220.38	258980.07	0.62	ppb
Chromium	52-2	0.76	0.75	0.93	0.81	11.88	ppb
Cobalt	59-2	0.81	0.81	0.80	0.81	0.49	ppb
Copper	63-2	7.19	7.35	7.17	7.24	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1037.18	1033.65	1056.47	1042.43	1.18	ppb
Iron	57-2	1044.61	1002.50	1066.39	1037.83	3.13	ppb
Lead	206-1	0.75	0.64	0.63	0.67	9.66	ppb
Lead	207-1	0.68	0.70	0.64	0.67	4.72	ppb
Lead	208-1	0.72	0.66	0.61	0.66	8.39	ppb
Lithium	6-1						%
Magnesium	24-2	61045.58	60196.72	61135.06	60792.45	0.85	ppb
Manganese	55-2	27.91	29.60	29.19	28.90	3.05	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01	Instrumnet Name :	P8
Client Sample ID :	VE-4-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:54:32	DataFile Name :	042SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.51	0.47	0.42	0.46	9.18	ppb
Molybdenum	95-1	0.79	0.80	0.77	0.79	1.85	ppb
Molybdenum	96-1	0.75	0.73	0.72	0.73	1.95	ppb
Molybdenum	97-1	0.83	0.85	0.83	0.84	1.11	ppb
Molybdenum	98-1	0.78	0.85	0.84	0.83	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.49	1.26	1.73	1.49	15.89	ppb
Phosphorus	31-2	64.63	65.40	19.95	49.99	52.05	ppb
Potassium	39-2	1373.81	1390.43	1415.08	1393.11	1.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.40	0.00	7.40	4.93	86.60	ppb
Selenium	78-2	1.71	4.20	2.92	2.94	42.35	ppb
Selenium	82-1	4.24	2.35	2.77	3.12	31.86	ppb
Silicon	28-1	5768.59	5831.30	5841.41	5813.77	0.68	ppb
Silver	109-1	0.70	0.67	0.62	0.66	6.35	ppb
Silver	107-1	0.81	0.68	0.68	0.72	10.11	ppb
Sodium	23-2	30994.99	31030.76	31184.35	31070.03	0.32	ppb
Strontium	86-1	721.07	728.47	725.87	725.14	0.52	ppb
Strontium	88-1	720.16	719.03	716.32	718.50	0.27	ppb
Sulfur	34-1	80029.21	81762.04	81388.07	81059.77	1.12	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.11	0.05	0.08	35.45	ppb
Thallium	205-1	0.09	0.08	0.06	0.08	18.09	ppb
Tin	118-1	4.00	4.09	4.11	4.07	1.42	ppb
Titanium	47-1	0.89	1.15	1.04	1.03	12.57	ppb
Uranium	238-1	3.72	3.86	3.88	3.82	2.21	ppb
Vanadium	51-2	0.89	0.80	0.89	0.86	5.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.94	11.02	10.27	10.74	3.84	ppb
Zirconium	90-1	0.33	0.33	0.29	0.32	7.16	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01	Instrumnet Name :	P8
Client Sample ID :	VE-4-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:54:32	DataFile Name :	042SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.31	0.33	0.32	4.09	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01DUP	Instrumnet Name :	P8
Client Sample ID :	VE-4-11DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:57:39	DataFile Name :	043SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.62	16.35	8.65	13.54	31.38	ppb
Antimony	121-1	1.77	1.89	1.84	1.83	3.47	ppb
Arsenic	75-2	2.10	1.62	1.41	1.71	20.62	ppb
Barium	135-1	84.67	87.44	85.08	85.73	1.74	ppb
Barium	137-1	86.17	85.88	85.03	85.69	0.69	ppb
Beryllium	9-1	0.06	0.06	0.07	0.06	9.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	57.78	53.87	55.83	55.83	3.50	ppb
Boron	11-1	52.71	54.42	52.89	53.34	1.77	ppb
Cadmium	111-1	0.09	0.02	0.11	0.07	67.61	ppb
Cadmium	106-1	-0.23	-1.37	-0.17	-0.59		ppb
Cadmium	108-1	0.13	0.37	0.03	0.18	98.44	ppb
Calcium	43-1	264945.10	267555.22	265557.40	266019.24	0.51	ppb
Calcium	44-1	263410.37	267152.63	264923.24	265162.08	0.71	ppb
Chromium	52-2	0.94	0.81	0.85	0.87	7.78	ppb
Cobalt	59-2	0.83	0.80	0.84	0.82	2.75	ppb
Copper	63-2	7.50	7.45	7.77	7.57	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1083.36	1058.40	1091.47	1077.74	1.60	ppb
Iron	57-2	1072.07	1083.24	1083.79	1079.70	0.61	ppb
Lead	206-1	0.45	0.42	0.48	0.45	6.47	ppb
Lead	207-1	0.52	0.47	0.45	0.48	7.05	ppb
Lead	208-1	0.45	0.45	0.46	0.45	1.25	ppb
Lithium	6-1						%
Magnesium	24-2	62991.25	62166.79	63335.26	62831.10	0.96	ppb
Manganese	55-2	29.37	29.18	30.46	29.67	2.33	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01DUP	Instrumnet Name :	P8
Client Sample ID :	VE-4-11DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:57:39	DataFile Name :	043SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.48	0.46	0.43	0.46	5.66	ppb
Molybdenum	95-1	0.75	0.68	0.72	0.72	4.93	ppb
Molybdenum	96-1	0.75	0.72	0.79	0.75	4.24	ppb
Molybdenum	97-1	0.86	0.83	0.77	0.82	5.86	ppb
Molybdenum	98-1	0.80	0.81	0.80	0.80	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.54	1.61	1.74	1.63	6.21	ppb
Phosphorus	31-2	68.18	19.97	36.71	41.62	58.81	ppb
Potassium	39-2	1414.94	1354.86	1418.71	1396.17	2.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.80	1.27	173.21	ppb
Selenium	78-2	4.29	1.16	1.16	2.20	82.08	ppb
Selenium	82-1	2.19	2.50	2.54	2.41	8.04	ppb
Silicon	28-1	5885.23	5991.53	5853.06	5909.94	1.23	ppb
Silver	109-1	0.38	0.37	0.37	0.38	1.34	ppb
Silver	107-1	0.37	0.39	0.41	0.39	6.12	ppb
Sodium	23-2	32609.06	31819.08	32767.61	32398.58	1.57	ppb
Strontium	86-1	746.45	745.99	735.69	742.71	0.82	ppb
Strontium	88-1	733.22	742.08	733.60	736.30	0.68	ppb
Sulfur	34-1	82448.21	82728.72	82361.45	82512.80	0.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.01	0.02	31.63	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	18.18	ppb
Tin	118-1	3.42	3.37	3.39	3.39	0.76	ppb
Titanium	47-1	0.85	1.16	1.24	1.08	19.14	ppb
Uranium	238-1	4.05	4.08	4.10	4.08	0.56	ppb
Vanadium	51-2	0.89	0.83	0.99	0.90	8.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.84	15.16	15.84	14.94	6.80	ppb
Zirconium	90-1	0.33	0.34	0.31	0.32	5.63	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01DUP	Instrumnet Name :	P8
Client Sample ID :	VE-4-11DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:57:39	DataFile Name :	043SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.29	0.34	0.31	9.18	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01LX5	Instrumnet Name :	P8
Client Sample ID :	VE-4-11L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 16:00:45	DataFile Name :	044SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.19	0.80	2.83	0.81	247.26	ppb
Antimony	121-1	0.36	0.31	0.35	0.34	7.15	ppb
Arsenic	75-2	0.20	0.30	0.28	0.26	19.80	ppb
Barium	135-1	17.59	16.30	16.76	16.88	3.90	ppb
Barium	137-1	17.45	16.04	16.37	16.62	4.44	ppb
Beryllium	9-1	0.10	0.00	0.04	0.05	107.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	17.88	16.84	17.21	17.31	3.05	ppb
Boron	11-1	17.16	16.09	16.70	16.65	3.24	ppb
Cadmium	111-1	-0.02	-0.01	0.04	0.00	660.21	ppb
Cadmium	106-1	-0.33	-0.33	0.26	-0.13		ppb
Cadmium	108-1	0.00	-0.01	-0.01	0.00		ppb
Calcium	43-1	52339.48	50383.29	50036.05	50919.61	2.44	ppb
Calcium	44-1	52340.16	50801.63	49951.78	51031.19	2.37	ppb
Chromium	52-2	0.11	-0.04	0.13	0.07	138.63	ppb
Cobalt	59-2	0.17	0.17	0.16	0.16	2.68	ppb
Copper	63-2	1.50	1.44	1.48	1.47	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	201.28	197.60	200.03	199.64	0.94	ppb
Iron	57-2	211.51	200.00	193.56	201.69	4.51	ppb
Lead	206-1	0.09	0.09	0.09	0.09	2.26	ppb
Lead	207-1	0.09	0.08	0.09	0.09	7.17	ppb
Lead	208-1	0.09	0.09	0.09	0.09	2.46	ppb
Lithium	6-1						%
Magnesium	24-2	11641.56	11388.98	11314.58	11448.37	1.50	ppb
Manganese	55-2	5.77	5.91	5.55	5.75	3.11	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01LX5	Instrumnet Name :	P8
Client Sample ID :	VE-4-11L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 16:00:45	DataFile Name :	044SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.06	0.08	0.08	12.41	ppb
Molybdenum	95-1	0.14	0.13	0.17	0.14	15.13	ppb
Molybdenum	96-1	0.15	0.13	0.13	0.14	6.48	ppb
Molybdenum	97-1	0.23	0.16	0.14	0.17	26.87	ppb
Molybdenum	98-1	0.16	0.13	0.14	0.14	10.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.12	0.22	0.16	31.78	ppb
Phosphorus	31-2	17.06	2.75	-11.05	2.92	481.02	ppb
Potassium	39-2	264.22	264.61	259.15	262.66	1.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.34	1.11	173.21	ppb
Selenium	78-2	-0.15	2.05	0.39	0.76	150.62	ppb
Selenium	82-1	-0.76	0.71	-0.01	-0.02		ppb
Silicon	28-1	1170.29	1131.74	1128.98	1143.67	2.02	ppb
Silver	109-1	0.18	0.15	0.18	0.17	10.32	ppb
Silver	107-1	0.15	0.16	0.17	0.16	5.28	ppb
Sodium	23-2	5900.61	5753.45	5787.50	5813.86	1.33	ppb
Strontium	86-1	142.23	136.60	135.67	138.17	2.57	ppb
Strontium	88-1	146.46	140.75	138.67	141.96	2.84	ppb
Sulfur	34-1	17610.00	16431.53	16238.52	16760.02	4.43	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	34.90	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	27.49	ppb
Tin	118-1	0.31	0.27	0.28	0.29	7.17	ppb
Titanium	47-1	0.25	0.15	0.12	0.17	38.41	ppb
Uranium	238-1	0.83	0.74	0.75	0.77	6.34	ppb
Vanadium	51-2	0.15	0.15	0.19	0.16	14.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.19	1.91	2.67	2.26	17.18	ppb
Zirconium	90-1	0.07	0.05	0.05	0.06	23.44	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01LX5	Instrumnet Name :	P8
Client Sample ID :	VE-4-11L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 16:00:45	DataFile Name :	044SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.03	0.04	0.06	58.04	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-02	Instrumnet Name :	P8
Client Sample ID :	VE-4-11MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:03:52	DataFile Name :	045SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8574.60	8784.40	8155.65	8504.89	3.76	ppb
Antimony	121-1	453.50	453.95	459.31	455.59	0.71	ppb
Arsenic	75-2	499.23	513.75	500.10	504.36	1.61	ppb
Barium	135-1	2284.52	2290.45	2307.19	2294.05	0.51	ppb
Barium	137-1	2244.29	2255.57	2268.38	2256.08	0.53	ppb
Beryllium	9-1	338.33	338.66	339.40	338.80	0.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	370.44	363.92	370.08	368.14	1.00	ppb
Boron	11-1	362.36	368.82	374.18	368.45	1.61	ppb
Cadmium	111-1	438.01	441.67	442.25	440.64	0.52	ppb
Cadmium	106-1	447.14	445.24	458.39	450.26	1.58	ppb
Cadmium	108-1	444.75	450.38	453.43	449.52	0.98	ppb
Calcium	43-1	302003.44	302388.57	300719.39	301703.80	0.29	ppb
Calcium	44-1	304084.33	305604.72	303531.62	304406.89	0.35	ppb
Chromium	52-2	514.10	530.91	512.94	519.32	1.94	ppb
Cobalt	59-2	502.26	515.69	498.75	505.57	1.77	ppb
Copper	63-2	1008.02	1030.82	996.15	1011.66	1.74	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24728.56	25104.43	24439.98	24757.66	1.35	ppb
Iron	57-2	24548.91	25393.27	24542.10	24828.09	1.97	ppb
Lead	206-1	459.96	457.22	461.83	459.67	0.50	ppb
Lead	207-1	447.39	451.79	455.33	451.50	0.88	ppb
Lead	208-1	457.80	460.00	462.94	460.25	0.56	ppb
Lithium	6-1						%
Magnesium	24-2	110343.14	113133.78	108602.34	110693.09	2.07	ppb
Manganese	55-2	955.59	984.46	942.11	960.72	2.25	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-02	Instrumnet Name :	P8
Client Sample ID :	VE-4-11MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:03:52	DataFile Name :	045SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	457.53	462.05	458.46	459.35	0.52	ppb
Molybdenum	95-1	447.31	448.61	440.61	445.51	0.96	ppb
Molybdenum	96-1	453.36	450.87	451.28	451.84	0.29	ppb
Molybdenum	97-1	440.05	438.41	436.08	438.18	0.45	ppb
Molybdenum	98-1	449.47	439.48	444.31	444.42	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.97	526.53	510.99	516.83	1.64	ppb
Phosphorus	31-2	38.31	22.67	21.43	27.47	34.25	ppb
Potassium	39-2	23466.44	24291.25	23269.85	23675.85	2.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	473.73	471.67	455.66	467.02	2.12	ppb
Selenium	78-2	457.67	525.66	427.63	470.32	10.68	ppb
Selenium	82-1	474.13	461.78	470.52	468.81	1.35	ppb
Silicon	28-1	6078.75	6171.65	6097.08	6115.83	0.80	ppb
Silver	109-1	434.40	440.64	435.87	436.97	0.75	ppb
Silver	107-1	436.90	438.93	439.12	438.32	0.28	ppb
Sodium	23-2	80542.62	83279.86	79666.78	81163.09	2.32	ppb
Strontium	86-1	733.75	731.29	720.00	728.35	1.01	ppb
Strontium	88-1	720.03	717.75	715.58	717.79	0.31	ppb
Sulfur	34-1	79050.11	79103.71	79630.29	79261.37	0.40	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	476.15	483.50	477.63	479.09	0.81	ppb
Thallium	205-1	478.07	484.93	477.88	480.29	0.84	ppb
Tin	118-1	428.85	431.01	436.53	432.13	0.92	ppb
Titanium	47-1	428.48	432.02	429.54	430.02	0.42	ppb
Uranium	238-1	468.77	462.66	459.45	463.63	1.02	ppb
Vanadium	51-2	501.13	513.75	491.68	502.19	2.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	939.28	964.50	927.44	943.74	2.01	ppb
Zirconium	90-1	453.25	458.01	454.60	455.29	0.54	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-02	Instrumnet Name :	P8
Client Sample ID :	VE-4-11MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:03:52	DataFile Name :	045SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	456.16	455.00	450.46	453.87	0.66	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-03	Instrumnet Name :	P8
Client Sample ID :	VE-4-11MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:06:53	DataFile Name :	046SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8862.02	8914.16	8539.90	8772.03	2.31	ppb
Antimony	121-1	473.61	481.31	466.03	473.65	1.61	ppb
Arsenic	75-2	515.15	524.52	521.41	520.36	0.92	ppb
Barium	135-1	2351.47	2399.87	2341.41	2364.25	1.32	ppb
Barium	137-1	2310.76	2366.64	2316.68	2331.36	1.32	ppb
Beryllium	9-1	351.39	365.37	348.51	355.09	2.54	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	387.39	405.36	389.49	394.08	2.49	ppb
Boron	11-1	379.09	403.39	389.82	390.77	3.12	ppb
Cadmium	111-1	446.62	463.77	449.17	453.19	2.04	ppb
Cadmium	106-1	443.32	463.48	446.97	451.26	2.38	ppb
Cadmium	108-1	454.15	470.03	446.01	456.73	2.67	ppb
Calcium	43-1	306819.23	320939.53	310994.21	312917.66	2.32	ppb
Calcium	44-1	307712.73	324837.66	310602.32	314384.24	2.92	ppb
Chromium	52-2	530.76	539.37	523.18	531.10	1.53	ppb
Cobalt	59-2	524.42	527.89	519.78	524.03	0.78	ppb
Copper	63-2	1060.73	1061.32	1032.41	1051.49	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25351.58	25635.88	25160.75	25382.74	0.94	ppb
Iron	57-2	25214.93	25639.10	25357.82	25403.95	0.85	ppb
Lead	206-1	489.82	489.50	481.32	486.88	0.99	ppb
Lead	207-1	480.07	484.42	479.61	481.37	0.55	ppb
Lead	208-1	488.18	492.83	482.96	487.99	1.01	ppb
Lithium	6-1						%
Magnesium	24-2	111943.21	112336.48	110434.68	111571.46	0.90	ppb
Manganese	55-2	985.41	991.40	976.90	984.57	0.74	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-03	Instrumnet Name :	P8
Client Sample ID :	VE-4-11MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:06:53	DataFile Name :	046SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	481.58	499.02	464.43	481.68	3.59	ppb
Molybdenum	95-1	471.62	486.89	457.06	471.86	3.16	ppb
Molybdenum	96-1	468.74	493.51	465.56	475.94	3.21	ppb
Molybdenum	97-1	461.24	479.28	449.78	463.43	3.21	ppb
Molybdenum	98-1	468.15	494.14	465.84	476.04	3.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.92	540.22	535.39	537.51	0.46	ppb
Phosphorus	31-2	55.21	22.17	37.93	38.44	43.00	ppb
Potassium	39-2	24281.17	24260.20	24063.46	24201.61	0.50	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	560.33	469.91	503.33	511.19	8.94	ppb
Selenium	78-2	460.15	487.26	509.35	485.58	5.07	ppb
Selenium	82-1	491.33	513.65	487.48	497.49	2.84	ppb
Silicon	28-1	6207.76	6554.33	6199.94	6320.67	3.20	ppb
Silver	109-1	446.63	461.93	441.60	450.05	2.35	ppb
Silver	107-1	443.19	462.07	437.57	447.61	2.87	ppb
Sodium	23-2	83047.32	82140.18	81565.12	82250.88	0.91	ppb
Strontium	86-1	745.82	782.91	731.93	753.55	3.50	ppb
Strontium	88-1	739.85	775.30	727.50	747.55	3.32	ppb
Sulfur	34-1	79908.89	83278.28	79895.18	81027.45	2.41	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	508.99	520.16	501.96	510.37	1.80	ppb
Thallium	205-1	505.96	515.47	496.20	505.88	1.90	ppb
Tin	118-1	440.15	454.49	448.29	447.64	1.61	ppb
Titanium	47-1	443.22	473.02	447.02	454.42	3.57	ppb
Uranium	238-1	484.39	502.43	483.64	490.15	2.17	ppb
Vanadium	51-2	516.79	519.66	508.81	515.08	1.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	968.17	982.75	959.48	970.13	1.21	ppb
Zirconium	90-1	474.81	498.37	467.34	480.17	3.37	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-03	Instrumnet Name :	P8
Client Sample ID :	VE-4-11MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:06:53	DataFile Name :	046SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	474.56	496.45	467.04	479.35	3.19	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01A	Instrumnet Name :	P8
Client Sample ID :	VE-4-11A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:09:54	DataFile Name :	047SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8760.18	8653.92	8682.85	8698.98	0.63	ppb
Antimony	121-1	473.59	480.69	468.11	474.13	1.33	ppb
Arsenic	75-2	519.19	522.74	526.17	522.70	0.67	ppb
Barium	135-1	2373.26	2383.49	2315.61	2357.46	1.55	ppb
Barium	137-1	2342.33	2356.99	2309.42	2336.25	1.04	ppb
Beryllium	9-1	357.30	355.06	348.07	353.48	1.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	389.31	401.38	383.19	391.29	2.37	ppb
Boron	11-1	389.91	399.64	392.92	394.16	1.26	ppb
Cadmium	111-1	452.22	458.61	450.65	453.83	0.93	ppb
Cadmium	106-1	453.28	462.50	465.49	460.42	1.38	ppb
Cadmium	108-1	456.76	458.30	454.60	456.55	0.41	ppb
Calcium	43-1	319386.65	315072.34	326356.32	320271.77	1.78	ppb
Calcium	44-1	324029.41	321004.77	326199.73	323744.64	0.81	ppb
Chromium	52-2	540.63	532.39	529.37	534.13	1.09	ppb
Cobalt	59-2	530.86	522.03	516.63	523.17	1.37	ppb
Copper	63-2	1057.29	1048.41	1035.96	1047.22	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25912.52	25413.28	25000.29	25442.03	1.80	ppb
Iron	57-2	25919.36	25293.27	25119.55	25444.06	1.65	ppb
Lead	206-1	478.78	490.99	486.21	485.33	1.27	ppb
Lead	207-1	471.39	482.49	481.47	478.45	1.28	ppb
Lead	208-1	480.63	488.75	485.44	484.94	0.84	ppb
Lithium	6-1						%
Magnesium	24-2	116129.79	113601.28	112736.51	114155.86	1.54	ppb
Manganese	55-2	1000.52	979.12	978.62	986.09	1.27	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01A	Instrumnet Name :	P8
Client Sample ID :	VE-4-11A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:09:54	DataFile Name :	047SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	478.54	477.72	478.29	478.18	0.09	ppb
Molybdenum	95-1	471.23	465.12	465.67	467.34	0.72	ppb
Molybdenum	96-1	468.72	469.48	469.14	469.11	0.08	ppb
Molybdenum	97-1	455.85	460.11	460.19	458.71	0.54	ppb
Molybdenum	98-1	468.04	465.49	467.45	466.99	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	542.51	538.95	531.40	537.62	1.06	ppb
Phosphorus	31-2	55.73	-11.05	21.31	22.00	151.81	ppb
Potassium	39-2	24260.32	23968.54	23816.03	24014.97	0.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	437.69	583.05	483.94	501.56	14.81	ppb
Selenium	78-2	511.89	475.40	513.87	500.39	4.33	ppb
Selenium	82-1	485.70	488.66	488.03	487.46	0.32	ppb
Silicon	28-1	6480.82	6449.75	6560.65	6497.07	0.88	ppb
Silver	109-1	450.31	453.59	448.07	450.66	0.62	ppb
Silver	107-1	450.84	450.40	444.97	448.74	0.73	ppb
Sodium	23-2	85171.86	83987.53	81898.51	83685.97	1.98	ppb
Strontium	86-1	760.90	764.93	751.75	759.19	0.89	ppb
Strontium	88-1	763.31	766.62	761.86	763.93	0.32	ppb
Sulfur	34-1	82727.77	82709.03	83512.13	82982.98	0.55	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	499.73	510.90	505.70	505.44	1.11	ppb
Thallium	205-1	503.97	512.65	504.57	507.06	0.96	ppb
Tin	118-1	435.16	449.44	440.37	441.66	1.64	ppb
Titanium	47-1	452.05	451.03	456.48	453.19	0.64	ppb
Uranium	238-1	482.78	494.92	493.76	490.49	1.37	ppb
Vanadium	51-2	526.75	514.66	510.45	517.29	1.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	989.13	958.04	961.16	969.44	1.77	ppb
Zirconium	90-1	473.87	472.50	476.88	474.42	0.47	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01A	Instrumnet Name :	P8
Client Sample ID :	VE-4-11A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:09:54	DataFile Name :	047SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	472.06	469.62	471.53	471.07	0.27	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4631-04 Instrumnet Name : P8
 Client Sample ID : VE-1-2 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 16:12:52 DataFile Name : 048SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.72	4.35	12.94	10.34	50.26	ppb
Antimony	121-1	2.39	2.30	2.34	2.34	1.91	ppb
Arsenic	75-2	1.51	1.46	1.73	1.57	9.22	ppb
Barium	135-1	56.83	54.15	56.18	55.72	2.51	ppb
Barium	137-1	56.48	55.53	56.41	56.14	0.94	ppb
Beryllium	9-1	0.11	0.16	0.15	0.14	21.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	83.72	86.77	83.32	84.61	2.23	ppb
Boron	11-1	83.61	87.78	83.02	84.81	3.06	ppb
Cadmium	111-1	-0.02	0.03	0.07	0.02	190.29	ppb
Cadmium	106-1	-1.96	-1.35	-0.25	-1.18		ppb
Cadmium	108-1	0.16	0.25	0.02	0.14	78.50	ppb
Calcium	43-1	170054.57	167833.15	168505.71	168797.81	0.67	ppb
Calcium	44-1	167580.31	168329.88	168686.98	168199.06	0.34	ppb
Chromium	52-2	0.97	0.85	0.75	0.85	12.74	ppb
Cobalt	59-2	0.58	0.63	0.61	0.61	4.63	ppb
Copper	63-2	4.46	4.46	4.51	4.48	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13867.03	13172.18	13218.45	13419.22	2.90	ppb
Iron	57-2	13768.10	13223.40	13163.50	13385.00	2.49	ppb
Lead	206-1	1.63	1.59	1.68	1.63	2.66	ppb
Lead	207-1	1.53	1.53	1.56	1.54	1.00	ppb
Lead	208-1	1.56	1.55	1.58	1.56	0.99	ppb
Lithium	6-1						%
Magnesium	24-2	29947.06	28474.75	28496.45	28972.75	2.91	ppb
Manganese	55-2	579.68	555.60	561.24	565.51	2.23	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-04	Instrumnet Name :	P8
Client Sample ID :	VE-1-2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:12:52	DataFile Name :	048SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.19	0.22	0.20	10.50	ppb
Molybdenum	95-1	0.29	0.25	0.21	0.25	16.67	ppb
Molybdenum	96-1	0.32	0.29	0.25	0.29	12.26	ppb
Molybdenum	97-1	0.28	0.26	0.34	0.29	14.93	ppb
Molybdenum	98-1	0.31	0.33	0.31	0.32	3.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.55	4.19	4.45	4.40	4.24	ppb
Phosphorus	31-2	1172.15	808.45	1037.84	1006.15	18.28	ppb
Potassium	39-2	5574.97	5228.68	5304.50	5369.39	3.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.15	4.01	0.00	2.72	86.64	ppb
Selenium	78-2	1.33	1.92	1.25	1.50	24.40	ppb
Selenium	82-1	0.69	1.58	0.32	0.86	74.75	ppb
Silicon	28-1	12905.17	12790.98	12934.25	12876.80	0.59	ppb
Silver	109-1	0.27	0.27	0.23	0.26	7.89	ppb
Silver	107-1	0.25	0.29	0.28	0.27	7.73	ppb
Sodium	23-2	58951.50	56826.09	56714.72	57497.44	2.19	ppb
Strontium	86-1	934.34	949.01	926.18	936.51	1.23	ppb
Strontium	88-1	931.79	927.56	922.29	927.21	0.51	ppb
Sulfur	34-1	-759.93	-982.02	-1106.30	-949.42		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.05	0.05	0.05	24.39	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	15.21	ppb
Tin	118-1	2.82	2.74	2.80	2.78	1.61	ppb
Titanium	47-1	1.18	1.45	1.36	1.33	10.15	ppb
Uranium	238-1	0.06	0.07	0.07	0.07	4.27	ppb
Vanadium	51-2	0.37	0.42	0.47	0.42	11.20	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	15.74	16.08	14.48	15.43	5.47	ppb
Zirconium	90-1	0.15	0.14	0.15	0.15	3.25	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-04	Instrumnet Name :	P8
Client Sample ID :	VE-1-2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:12:52	DataFile Name :	048SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.17	0.16	0.17	8.42	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-05	Instrumnet Name :	P8
Client Sample ID :	VE-1-4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:15:59	DataFile Name :	049SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.08	41.91	28.48	38.49	22.90	ppb
Antimony	121-1	1.77	1.78	1.80	1.78	1.01	ppb
Arsenic	75-2	1.18	1.35	1.10	1.21	10.49	ppb
Barium	135-1	152.23	152.82	151.02	152.03	0.60	ppb
Barium	137-1	153.57	152.65	153.65	153.29	0.36	ppb
Beryllium	9-1	0.07	0.09	0.11	0.09	21.01	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	58.25	59.97	57.59	58.60	2.10	ppb
Boron	11-1	56.95	57.23	56.28	56.82	0.87	ppb
Cadmium	111-1	-0.09	-0.05	0.00	-0.04		ppb
Cadmium	106-1	-2.36	-1.89	-1.14	-1.80		ppb
Cadmium	108-1	0.03	0.05	0.21	0.10	104.01	ppb
Calcium	43-1	168112.14	168422.50	166741.44	167758.69	0.53	ppb
Calcium	44-1	168557.41	166478.11	165284.56	166773.36	0.99	ppb
Chromium	52-2	1.60	1.59	1.66	1.62	2.34	ppb
Cobalt	59-2	0.19	0.16	0.17	0.17	8.79	ppb
Copper	63-2	47.63	47.93	48.57	48.04	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13367.24	13528.33	13661.13	13518.90	1.09	ppb
Iron	57-2	13336.10	13487.36	13633.08	13485.51	1.10	ppb
Lead	206-1	15.31	15.24	15.08	15.21	0.80	ppb
Lead	207-1	14.27	14.25	14.27	14.26	0.09	ppb
Lead	208-1	14.78	14.76	14.68	14.74	0.34	ppb
Lithium	6-1						%
Magnesium	24-2	26165.32	26456.29	26806.36	26475.99	1.21	ppb
Manganese	55-2	292.15	295.94	301.44	296.51	1.57	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4631-05 Instrumnet Name : P8
 Client Sample ID : VE-1-4 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 16:15:59 DataFile Name : 049SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.32	0.31	0.27	0.30	8.35	ppb
Molybdenum	95-1	0.41	0.34	0.44	0.40	12.80	ppb
Molybdenum	96-1	0.46	0.43	0.40	0.43	6.61	ppb
Molybdenum	97-1	0.42	0.39	0.51	0.44	14.21	ppb
Molybdenum	98-1	0.47	0.46	0.49	0.47	2.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.48	2.62	2.62	2.57	3.12	ppb
Phosphorus	31-2	389.33	410.91	414.88	405.04	3.39	ppb
Potassium	39-2	5369.51	5536.66	5569.32	5491.83	1.95	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.05	-0.05	-0.70	-0.26		ppb
Selenium	82-1	-0.13	0.29	-0.44	-0.09		ppb
Silicon	28-1	10085.62	9831.92	9847.14	9921.56	1.43	ppb
Silver	109-1	0.23	0.22	0.20	0.22	6.97	ppb
Silver	107-1	0.23	0.21	0.22	0.22	5.86	ppb
Sodium	23-2	72730.40	73033.18	74620.64	73461.41	1.38	ppb
Strontium	86-1	819.11	822.31	802.23	814.55	1.32	ppb
Strontium	88-1	806.01	814.23	805.11	808.45	0.62	ppb
Sulfur	34-1	213.64	-330.68	-212.90	-109.98		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.03	0.03	20.21	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	11.78	ppb
Tin	118-1	3.09	3.23	3.23	3.18	2.48	ppb
Titanium	47-1	2.96	3.05	2.66	2.89	7.05	ppb
Uranium	238-1	0.07	0.08	0.08	0.08	2.73	ppb
Vanadium	51-2	0.82	0.94	0.77	0.84	10.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	35.75	36.00	36.59	36.11	1.20	ppb
Zirconium	90-1	0.20	0.25	0.24	0.23	12.04	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-05	Instrumnet Name :	P8
Client Sample ID :	VE-1-4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:15:59	DataFile Name :	049SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.29	0.20	0.26	20.02	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:19:06	DataFile Name :	050CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47738.74	48912.82	49145.74	48599.10	1.55	ppb
Antimony	121-1	442.05	442.42	443.48	442.65	0.17	ppb
Arsenic	75-2	493.25	504.44	502.04	499.91	1.18	ppb
Barium	135-1	2395.32	2435.44	2402.30	2411.02	0.89	ppb
Barium	137-1	2388.19	2399.95	2390.16	2392.77	0.26	ppb
Beryllium	9-1	484.74	489.36	489.90	488.00	0.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	470.87	497.84	483.95	484.22	2.79	ppb
Boron	11-1	474.09	487.54	495.51	485.71	2.23	ppb
Cadmium	111-1	458.67	465.21	463.45	462.44	0.73	ppb
Cadmium	106-1	470.17	481.44	473.57	475.06	1.22	ppb
Cadmium	108-1	461.62	470.30	468.93	466.95	1.00	ppb
Calcium	43-1	239648.37	239171.14	242143.72	240321.08	0.66	ppb
Calcium	44-1	239840.87	241987.38	240281.95	240703.40	0.47	ppb
Chromium	52-2	515.45	523.70	527.99	522.38	1.22	ppb
Cobalt	59-2	501.65	509.87	515.92	509.14	1.41	ppb
Copper	63-2	1025.35	1042.31	1050.35	1039.34	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121788.56	123134.95	124851.82	123258.45	1.25	ppb
Iron	57-2	123875.23	125062.54	127192.65	125376.80	1.34	ppb
Lead	206-1	494.44	504.68	510.23	503.12	1.59	ppb
Lead	207-1	495.66	501.94	507.15	501.58	1.15	ppb
Lead	208-1	499.77	505.15	507.06	503.99	0.75	ppb
Lithium	6-1						%
Magnesium	24-2	242823.79	247504.27	248997.04	246441.70	1.31	ppb
Manganese	55-2	993.70	1012.11	1019.92	1008.58	1.33	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:19:06	DataFile Name :	050CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.61	497.90	493.00	495.84	0.51	ppb
Molybdenum	95-1	498.42	500.92	499.25	499.53	0.26	ppb
Molybdenum	96-1	496.47	496.04	491.17	494.56	0.60	ppb
Molybdenum	97-1	486.10	482.42	481.23	483.25	0.53	ppb
Molybdenum	98-1	502.44	495.03	497.34	498.27	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.18	513.60	520.35	513.38	1.38	ppb
Phosphorus	31-2	10115.23	9773.33	9177.62	9688.73	4.90	ppb
Potassium	39-2	119499.14	122185.73	121654.54	121113.14	1.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	509.67	488.96	435.42	478.02	8.02	ppb
Selenium	78-2	497.91	475.36	488.83	487.37	2.33	ppb
Selenium	82-1	475.74	479.58	482.85	479.39	0.74	ppb
Silicon	28-1	466.94	463.91	466.54	465.80	0.35	ppb
Silver	109-1	465.32	476.26	474.91	472.16	1.26	ppb
Silver	107-1	467.31	471.07	469.57	469.32	0.40	ppb
Sodium	23-2	245230.30	249916.13	251009.03	248718.49	1.23	ppb
Strontium	86-1	486.66	487.85	493.32	489.27	0.73	ppb
Strontium	88-1	491.95	490.50	497.71	493.39	0.77	ppb
Sulfur	34-1	8951.36	8860.33	8775.49	8862.39	0.99	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	499.20	506.67	502.21	502.69	0.75	ppb
Thallium	205-1	505.18	506.67	502.56	504.81	0.41	ppb
Tin	118-1	477.50	478.27	475.07	476.95	0.35	ppb
Titanium	47-1	486.74	489.55	478.65	484.98	1.17	ppb
Uranium	238-1	504.21	507.97	510.72	507.63	0.64	ppb
Vanadium	51-2	513.79	518.64	525.55	519.33	1.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	981.92	993.99	1015.90	997.27	1.73	ppb
Zirconium	90-1	495.95	487.76	492.07	491.93	0.83	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:19:06	DataFile Name :	050CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.30	502.83	495.24	498.79	0.77	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:22:05	DataFile Name :	051CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-3.24	0.10	0.09	-1.01		ppb
Antimony	121-1	0.21	0.20	0.18	0.20	6.71	ppb
Arsenic	75-2	0.02	0.02	-0.02	0.00	672.76	ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.10	0.12	0.12	0.11	9.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	17.69	14.06	15.33	15.70	11.74	ppb
Boron	11-1	17.50	15.79	15.47	16.25	6.71	ppb
Cadmium	111-1	0.06	0.05	-0.01	0.03	117.22	ppb
Cadmium	106-1	-0.07	0.18	-0.67	-0.19		ppb
Cadmium	108-1	0.16	0.02	0.12	0.10	70.46	ppb
Calcium	43-1	-11.33	-23.28	-18.76	-17.79		ppb
Calcium	44-1	0.05	-11.76	-6.29	-6.00		ppb
Chromium	52-2	0.03	0.08	0.11	0.08	51.74	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.18	0.17	0.23	0.20	15.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.95	0.96	1.09	1.00	7.48	ppb
Iron	57-2	0.89	0.08	-0.57	0.13	548.11	ppb
Lead	206-1	0.04	0.01	0.02	0.02	69.90	ppb
Lead	207-1	0.03	0.02	0.04	0.03	42.53	ppb
Lead	208-1	0.03	0.02	0.03	0.03	14.27	ppb
Lithium	6-1						%
Magnesium	24-2	1.24	0.68	4.09	2.01	91.10	ppb
Manganese	55-2	-0.13	0.06	0.03	-0.01		ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:22:05	DataFile Name :	051CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.03	0.04	18.27	ppb
Molybdenum	95-1	0.03	0.05	0.06	0.05	23.49	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.05	13.99	ppb
Molybdenum	97-1	0.07	0.05	0.07	0.06	12.44	ppb
Molybdenum	98-1	0.05	0.04	0.05	0.05	12.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.20	-0.20	-0.19		ppb
Phosphorus	31-2	3.47	48.57	-11.05	13.66	227.52	ppb
Potassium	39-2	-0.26	13.66	-2.82	3.53	251.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.43	-0.13	1.05	0.45	130.24	ppb
Selenium	82-1	1.15	0.40	0.41	0.65	66.29	ppb
Silicon	28-1	-5.76	-12.70	-10.56	-9.67		ppb
Silver	109-1	0.11	0.07	0.09	0.09	20.40	ppb
Silver	107-1	0.09	0.07	0.08	0.08	16.07	ppb
Sodium	23-2	35.95	32.42	35.86	34.75	5.79	ppb
Strontium	86-1	0.04	-0.08	-0.06	-0.03		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-800.45	-1333.90	-1220.78	-1118.38		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.06	0.05	12.58	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	22.44	ppb
Tin	118-1	0.07	0.07	0.06	0.07	4.65	ppb
Titanium	47-1	0.02	0.05	-0.01	0.02	170.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	24.49	ppb
Vanadium	51-2	0.01	0.02	-0.01	0.01	163.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.51	0.18	0.22	0.30	60.10	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	6.60	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:22:05	DataFile Name :	051CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	0.04	0.03	26.87	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4631-06 Instrumnet Name : P8
 Client Sample ID : DAY-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 16:35:24 DataFile Name : 052SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.02	18.45	12.58	18.35	31.17	ppb
Antimony	121-1	2.12	1.84	1.70	1.89	11.21	ppb
Arsenic	75-2	10.45	11.21	10.75	10.80	3.53	ppb
Barium	135-1	128.89	128.90	128.54	128.78	0.16	ppb
Barium	137-1	128.35	129.87	130.46	129.56	0.84	ppb
Beryllium	9-1	0.04	0.05	0.04	0.04	16.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	47.16	44.38	44.65	45.40	3.38	ppb
Boron	11-1	41.98	43.78	43.74	43.17	2.38	ppb
Cadmium	111-1	-0.01	-0.11	-0.09	-0.07		ppb
Cadmium	106-1	-1.05	-2.19	-1.83	-1.69		ppb
Cadmium	108-1	0.09	0.09	0.06	0.08	25.64	ppb
Calcium	43-1	220158.14	219587.23	217588.37	219111.25	0.62	ppb
Calcium	44-1	219221.40	219364.76	218698.39	219094.85	0.16	ppb
Chromium	52-2	0.99	0.86	1.00	0.95	8.46	ppb
Cobalt	59-2	0.28	0.30	0.33	0.30	8.04	ppb
Copper	63-2	2.91	3.00	3.06	2.99	2.52	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	42982.58	43186.69	43857.54	43342.27	1.06	ppb
Iron	57-2	42743.70	42867.45	43797.19	43136.11	1.33	ppb
Lead	206-1	0.46	0.49	0.41	0.46	9.17	ppb
Lead	207-1	0.42	0.43	0.36	0.40	9.03	ppb
Lead	208-1	0.43	0.43	0.38	0.41	6.39	ppb
Lithium	6-1						%
Magnesium	24-2	48753.60	48755.81	49124.84	48878.08	0.44	ppb
Manganese	55-2	5334.15	5290.76	5406.08	5343.66	1.09	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-06	Instrumnet Name :	P8
Client Sample ID :	DAY-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:35:24	DataFile Name :	052SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.40	0.33	0.39	0.37	9.83	ppb
Molybdenum	95-1	0.20	0.20	0.18	0.19	4.39	ppb
Molybdenum	96-1	0.26	0.29	0.30	0.28	7.99	ppb
Molybdenum	97-1	0.20	0.17	0.17	0.18	9.92	ppb
Molybdenum	98-1	0.20	0.22	0.25	0.22	9.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.66	0.74	0.69	5.74	ppb
Phosphorus	31-2	164.41	264.13	249.81	226.12	23.85	ppb
Potassium	39-2	10592.37	10936.50	10758.75	10762.54	1.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.74	0.00	7.75	5.16	86.60	ppb
Selenium	78-2	-0.07	0.56	-0.70	-0.07		ppb
Selenium	82-1	-0.22	-0.02	0.37	0.04	701.67	ppb
Silicon	28-1	6930.60	6949.56	6930.06	6936.74	0.16	ppb
Silver	109-1	0.36	0.32	0.30	0.32	9.11	ppb
Silver	107-1	0.32	0.33	0.27	0.30	9.74	ppb
Sodium	23-2	35179.91	35968.99	36063.09	35737.33	1.36	ppb
Strontium	86-1	495.56	492.42	496.33	494.77	0.42	ppb
Strontium	88-1	506.30	504.47	503.34	504.70	0.30	ppb
Sulfur	34-1	659.57	421.92	199.39	426.96	53.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.02	31.97	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	38.98	ppb
Tin	118-1	2.34	2.20	2.21	2.25	3.55	ppb
Titanium	47-1	1.73	1.91	1.96	1.87	6.40	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	3.15	ppb
Vanadium	51-2	5.47	5.56	5.46	5.49	0.99	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.17	11.57	12.80	12.18	5.07	ppb
Zirconium	90-1	0.51	0.47	0.44	0.47	7.04	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-06	Instrumnet Name :	P8
Client Sample ID :	DAY-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:35:24	DataFile Name :	052SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.50	0.49	0.48	0.49	2.57	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4631-07 Instrumnet Name : P8
 Client Sample ID : VE-3-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 16:38:30 DataFile Name : 053SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	166.74	226.69	217.43	203.62	15.85	ppb
Antimony	121-1	1.94	2.04	1.94	1.97	2.89	ppb
Arsenic	75-2	19.67	17.84	19.63	19.05	5.49	ppb
Barium	135-1	106.78	107.79	106.72	107.10	0.56	ppb
Barium	137-1	108.94	109.14	107.01	108.36	1.08	ppb
Beryllium	9-1	0.10	0.07	0.09	0.09	18.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.84	14.05	13.56	13.82	1.79	ppb
Boron	11-1	14.20	14.43	14.22	14.28	0.89	ppb
Cadmium	111-1	-0.06	-0.02	0.03	-0.02		ppb
Cadmium	106-1	-1.49	-1.41	-0.44	-1.11		ppb
Cadmium	108-1	0.15	0.28	0.08	0.17	57.12	ppb
Calcium	43-1	85076.40	85278.67	83567.04	84640.70	1.11	ppb
Calcium	44-1	84522.02	84713.35	84617.11	84617.49	0.11	ppb
Chromium	52-2	5.51	5.19	5.36	5.35	2.96	ppb
Cobalt	59-2	1.59	1.49	1.47	1.52	4.09	ppb
Copper	63-2	10.04	9.34	9.55	9.65	3.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	31914.53	31125.34	30848.84	31296.24	1.77	ppb
Iron	57-2	31736.68	31137.23	31043.12	31305.68	1.20	ppb
Lead	206-1	2.88	2.78	2.69	2.78	3.31	ppb
Lead	207-1	2.63	2.52	2.62	2.59	2.40	ppb
Lead	208-1	2.78	2.66	2.68	2.71	2.37	ppb
Lithium	6-1						%
Magnesium	24-2	18962.87	18448.34	18488.88	18633.37	1.54	ppb
Manganese	55-2	806.66	790.21	785.52	794.13	1.40	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-07	Instrumnet Name :	P8
Client Sample ID :	VE-3-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:38:30	DataFile Name :	053SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.89	1.19	1.04	1.04	14.19	ppb
Molybdenum	95-1	0.93	1.03	0.93	0.96	6.14	ppb
Molybdenum	96-1	0.91	0.91	0.96	0.92	3.12	ppb
Molybdenum	97-1	0.96	1.01	1.03	1.00	3.59	ppb
Molybdenum	98-1	1.01	0.95	1.00	0.99	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	2.19	1.86	2.04	7.99	ppb
Phosphorus	31-2	340.62	368.75	220.66	310.01	25.37	ppb
Potassium	39-2	3430.38	3401.44	3336.61	3389.48	1.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.87	7.76	3.88	100.07	ppb
Selenium	78-2	1.88	1.20	0.56	1.21	54.29	ppb
Selenium	82-1	0.74	0.85	0.77	0.78	7.09	ppb
Silicon	28-1	6685.65	6724.01	6631.14	6680.27	0.70	ppb
Silver	109-1	0.19	0.22	0.20	0.21	7.08	ppb
Silver	107-1	0.22	0.26	0.21	0.23	9.72	ppb
Sodium	23-2	36310.70	35786.30	35414.40	35837.14	1.26	ppb
Strontium	86-1	241.16	242.96	239.82	241.31	0.65	ppb
Strontium	88-1	246.53	249.04	245.31	246.96	0.77	ppb
Sulfur	34-1	1897.71	1949.00	1572.28	1806.33	11.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.02	0.01	0.01	63.34	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	40.39	ppb
Tin	118-1	2.21	2.27	2.26	2.25	1.59	ppb
Titanium	47-1	29.00	29.30	28.56	28.95	1.29	ppb
Uranium	238-1	0.77	0.75	0.73	0.75	2.68	ppb
Vanadium	51-2	91.45	87.95	89.78	89.72	1.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.95	16.71	17.98	17.21	3.92	ppb
Zirconium	90-1	0.96	0.97	1.17	1.03	11.21	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-07	Instrumnet Name :	P8
Client Sample ID :	VE-3-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:38:30	DataFile Name :	053SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.06	1.23	0.84	1.05	18.66	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-08	Instrumnet Name :	P8
Client Sample ID :	VE-2-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:43:55	DataFile Name :	054SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.00	0.64	-0.63	1.01	183.09	ppb
Antimony	121-1	1.68	1.74	1.69	1.70	1.73	ppb
Arsenic	75-2	0.86	1.03	0.86	0.92	10.97	ppb
Barium	135-1	161.82	159.04	160.78	160.55	0.87	ppb
Barium	137-1	162.90	162.57	161.50	162.32	0.45	ppb
Beryllium	9-1	0.03	0.07	0.02	0.04	58.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	27.59	29.49	30.83	29.30	5.54	ppb
Boron	11-1	29.26	29.56	29.47	29.43	0.53	ppb
Cadmium	111-1	-0.09	-0.10	-0.11	-0.10		ppb
Cadmium	106-1	-1.46	-1.67	-1.56	-1.57		ppb
Cadmium	108-1	0.15	0.21	-0.01	0.12	95.64	ppb
Calcium	43-1	165871.55	166669.44	165498.59	166013.19	0.36	ppb
Calcium	44-1	164204.87	166116.24	166219.06	165513.39	0.69	ppb
Chromium	52-2	0.68	0.84	0.68	0.73	12.51	ppb
Cobalt	59-2	0.22	0.18	0.20	0.20	8.63	ppb
Copper	63-2	3.33	3.57	3.56	3.48	3.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9130.78	9237.75	9093.55	9154.03	0.82	ppb
Iron	57-2	9184.32	9234.00	9122.19	9180.17	0.61	ppb
Lead	206-1	0.18	0.16	0.16	0.17	6.12	ppb
Lead	207-1	0.16	0.18	0.19	0.18	8.80	ppb
Lead	208-1	0.16	0.18	0.18	0.17	5.13	ppb
Lithium	6-1						%
Magnesium	24-2	28932.49	29167.89	28606.56	28902.32	0.98	ppb
Manganese	55-2	603.39	613.57	606.23	607.73	0.86	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-08	Instrumnet Name :	P8
Client Sample ID :	VE-2-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:43:55	DataFile Name :	054SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.27	0.24	0.25	8.58	ppb
Molybdenum	95-1	0.16	0.20	0.15	0.17	16.17	ppb
Molybdenum	96-1	0.24	0.20	0.18	0.21	15.69	ppb
Molybdenum	97-1	0.26	0.17	0.25	0.23	21.15	ppb
Molybdenum	98-1	0.22	0.22	0.23	0.23	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.13	2.96	3.25	3.12	4.60	ppb
Phosphorus	31-2	301.94	206.39	370.74	293.03	28.17	ppb
Potassium	39-2	4682.26	4682.73	4610.04	4658.34	0.90	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.85	1.22	-0.05	1.01	96.22	ppb
Selenium	82-1	-0.20	0.13	-0.47	-0.18		ppb
Silicon	28-1	6450.66	6461.76	6456.02	6456.14	0.09	ppb
Silver	109-1	0.18	0.18	0.16	0.17	7.74	ppb
Silver	107-1	0.19	0.17	0.20	0.19	7.73	ppb
Sodium	23-2	92310.75	93611.35	91891.66	92604.59	0.97	ppb
Strontium	86-1	493.89	494.13	488.32	492.11	0.67	ppb
Strontium	88-1	498.65	499.01	496.61	498.09	0.26	ppb
Sulfur	34-1	-716.98	-765.41	-728.45	-736.95		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	66.96	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	57.14	ppb
Tin	118-1	1.64	1.72	1.83	1.73	5.38	ppb
Titanium	47-1	0.91	0.89	0.82	0.87	5.61	ppb
Uranium	238-1	0.15	0.15	0.15	0.15	2.28	ppb
Vanadium	51-2	0.91	0.94	0.81	0.89	8.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.12	11.43	11.85	11.47	3.19	ppb
Zirconium	90-1	0.37	0.35	0.33	0.35	5.96	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-08	Instrumnet Name :	P8
Client Sample ID :	VE-2-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:43:55	DataFile Name :	054SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.38	0.32	0.33	0.34	10.30	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-02	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:47:02	DataFile Name :	055SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.30	15.42	22.75	15.83	42.54	ppb
Antimony	121-1	1.98	1.80	1.86	1.88	4.97	ppb
Arsenic	75-2	0.74	0.76	0.75	0.75	0.86	ppb
Barium	135-1	28.44	25.05	25.61	26.36	6.89	ppb
Barium	137-1	28.80	25.70	26.45	26.98	6.01	ppb
Beryllium	9-1	0.05	0.03	0.07	0.05	35.95	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.47	8.70	8.10	8.76	7.85	ppb
Boron	11-1	9.77	8.54	8.21	8.84	9.34	ppb
Cadmium	111-1	-0.01	-0.16	-0.14	-0.11		ppb
Cadmium	106-1	-0.51	-2.39	-2.09	-1.66		ppb
Cadmium	108-1	-0.07	0.18	0.09	0.07	194.33	ppb
Calcium	43-1	94351.77	84710.70	82792.43	87284.97	7.10	ppb
Calcium	44-1	93301.02	83799.10	81514.91	86205.01	7.25	ppb
Chromium	52-2	0.74	1.08	1.03	0.95	19.35	ppb
Cobalt	59-2	0.02	0.08	0.07	0.06	52.15	ppb
Copper	63-2	3.02	3.05	3.14	3.07	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	11.90	11.62	11.43	11.65	2.03	ppb
Iron	57-2	18.58	12.43	12.74	14.58	23.77	ppb
Lead	206-1	0.15	0.12	0.11	0.12	16.39	ppb
Lead	207-1	0.15	0.15	0.12	0.14	12.36	ppb
Lead	208-1	0.14	0.13	0.11	0.13	10.56	ppb
Lithium	6-1						%
Magnesium	24-2	12465.51	12559.90	12487.96	12504.46	0.39	ppb
Manganese	55-2	7.38	7.40	7.80	7.53	3.14	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-02	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:47:02	DataFile Name :	055SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.20	0.24	0.22	8.86	ppb
Molybdenum	95-1	0.68	0.71	0.68	0.69	2.38	ppb
Molybdenum	96-1	0.64	0.54	0.58	0.59	7.89	ppb
Molybdenum	97-1	0.77	0.65	0.69	0.70	8.50	ppb
Molybdenum	98-1	0.82	0.69	0.71	0.74	9.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.07	0.12	0.08	35.46	ppb
Phosphorus	31-2	-11.05	5.61	-11.05	-5.50		ppb
Potassium	39-2	1756.00	1820.55	1766.72	1781.09	1.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.97	0.00	0.00	1.32	173.21	ppb
Selenium	78-2	1.89	-0.05	-0.70	0.38	354.48	ppb
Selenium	82-1	-0.02	1.05	0.31	0.45	122.42	ppb
Silicon	28-1	5153.52	4633.55	4470.28	4752.45	7.51	ppb
Silver	109-1	0.20	0.18	0.19	0.19	3.12	ppb
Silver	107-1	0.22	0.21	0.18	0.20	11.29	ppb
Sodium	23-2	3449.87	3405.12	3391.97	3415.65	0.89	ppb
Strontium	86-1	596.71	546.37	534.85	559.31	5.88	ppb
Strontium	88-1	606.74	557.22	539.65	567.87	6.13	ppb
Sulfur	34-1	3784.12	2377.03	1839.95	2667.03	37.65	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.01	128.78	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	9.80	ppb
Tin	118-1	1.71	1.66	1.64	1.67	2.19	ppb
Titanium	47-1	1.39	0.45	0.62	0.82	60.80	ppb
Uranium	238-1	1.15	1.05	1.04	1.08	5.96	ppb
Vanadium	51-2	0.17	0.14	0.11	0.14	20.44	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.76	8.42	9.50	8.56	10.26	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	21.30	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-02	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:47:02	DataFile Name :	055SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.03	0.02	0.04	36.29	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-03	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY04-9006	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:50:09	DataFile Name :	056SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.69	4.52	10.08	6.77	43.33	ppb
Antimony	121-1	1.80	1.82	1.81	1.81	0.80	ppb
Arsenic	75-2	0.77	0.83	0.75	0.78	5.51	ppb
Barium	135-1	25.05	25.52	25.23	25.27	0.93	ppb
Barium	137-1	25.63	25.74	25.30	25.56	0.88	ppb
Beryllium	9-1	0.03	0.03	0.04	0.04	18.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.21	7.71	8.32	8.08	4.03	ppb
Boron	11-1	8.34	7.59	7.12	7.68	8.01	ppb
Cadmium	111-1	-0.10	-0.06	-0.16	-0.11		ppb
Cadmium	106-1	-1.39	-0.94	-2.40	-1.58		ppb
Cadmium	108-1	0.15	-0.04	-0.01	0.03	308.21	ppb
Calcium	43-1	83297.81	83228.36	82061.73	82862.63	0.84	ppb
Calcium	44-1	82476.08	82646.05	82419.50	82513.88	0.14	ppb
Chromium	52-2	0.99	0.97	1.04	1.00	3.10	ppb
Cobalt	59-2	0.04	0.06	0.06	0.05	16.78	ppb
Copper	63-2	3.17	2.98	3.22	3.12	3.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9.98	9.42	10.51	9.97	5.45	ppb
Iron	57-2	13.39	5.88	8.55	9.27	41.07	ppb
Lead	206-1	0.06	0.07	0.06	0.07	9.69	ppb
Lead	207-1	0.11	0.09	0.04	0.08	42.38	ppb
Lead	208-1	0.08	0.08	0.07	0.07	8.96	ppb
Lithium	6-1						%
Magnesium	24-2	12580.93	12687.40	13281.98	12850.10	2.94	ppb
Manganese	55-2	7.40	7.37	7.81	7.53	3.27	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-03	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY04-9006	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:50:09	DataFile Name :	056SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.25	0.18	0.21	0.22	16.42	ppb
Molybdenum	95-1	0.65	0.63	0.69	0.66	4.35	ppb
Molybdenum	96-1	0.58	0.56	0.54	0.56	3.50	ppb
Molybdenum	97-1	0.73	0.71	0.73	0.72	2.22	ppb
Molybdenum	98-1	0.72	0.80	0.78	0.77	5.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.05	-0.02	0.04	128.10	ppb
Phosphorus	31-2	5.84	5.99	-11.05	0.26	3745.86	ppb
Potassium	39-2	1779.68	1780.81	1905.07	1821.85	3.96	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.05	0.61	-0.70	-0.04		ppb
Selenium	82-1	-0.99	-0.02	-0.20	-0.40		ppb
Silicon	28-1	4570.31	4544.01	4480.53	4531.61	1.02	ppb
Silver	109-1	0.17	0.16	0.16	0.16	3.48	ppb
Silver	107-1	0.15	0.14	0.16	0.15	6.11	ppb
Sodium	23-2	3464.48	3463.11	3556.76	3494.78	1.54	ppb
Strontium	86-1	540.44	531.34	540.86	537.55	1.00	ppb
Strontium	88-1	550.03	538.64	545.83	544.83	1.06	ppb
Sulfur	34-1	2106.99	1890.09	1952.56	1983.21	5.63	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	75.37	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	89.09	ppb
Tin	118-1	1.50	1.51	1.50	1.50	0.40	ppb
Titanium	47-1	0.45	0.43	0.40	0.43	5.60	ppb
Uranium	238-1	1.01	1.02	1.02	1.02	0.70	ppb
Vanadium	51-2	0.19	0.13	0.15	0.16	19.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.72	8.08	9.04	8.61	5.66	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	54.99	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-03	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY04-9006	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:50:09	DataFile Name :	056SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.06	0.03	63.53	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-04	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:53:17	DataFile Name :	057SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.73	22.04	22.06	21.61	3.53	ppb
Antimony	121-1	1.69	1.71	1.64	1.68	2.16	ppb
Arsenic	75-2	0.66	0.50	0.63	0.59	14.34	ppb
Barium	135-1	29.78	30.06	30.20	30.02	0.71	ppb
Barium	137-1	30.25	30.25	30.49	30.33	0.46	ppb
Beryllium	9-1	0.01	0.03	0.03	0.02	36.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.36	7.86	7.95	7.72	4.11	ppb
Boron	11-1	7.84	7.52	6.92	7.43	6.25	ppb
Cadmium	111-1	-0.10	-0.10	-0.12	-0.11		ppb
Cadmium	106-1	-1.55	-1.51	-1.90	-1.65		ppb
Cadmium	108-1	0.02	0.02	0.02	0.02	3.17	ppb
Calcium	43-1	88049.97	88416.28	87382.82	87949.69	0.60	ppb
Calcium	44-1	86127.96	86617.74	86391.25	86378.98	0.28	ppb
Chromium	52-2	0.90	0.74	0.93	0.86	11.83	ppb
Cobalt	59-2	0.05	0.06	0.08	0.07	17.68	ppb
Copper	63-2	3.01	2.92	2.98	2.97	1.60	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24.17	24.61	24.12	24.30	1.11	ppb
Iron	57-2	26.82	24.71	25.82	25.78	4.09	ppb
Lead	206-1	0.20	0.24	0.23	0.22	9.38	ppb
Lead	207-1	0.20	0.23	0.20	0.21	6.76	ppb
Lead	208-1	0.20	0.23	0.22	0.22	7.61	ppb
Lithium	6-1						%
Magnesium	24-2	11393.86	11317.86	11340.53	11350.75	0.34	ppb
Manganese	55-2	10.61	9.80	9.20	9.87	7.20	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-04	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:53:17	DataFile Name :	057SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.19	0.20	0.21	11.83	ppb
Molybdenum	95-1	0.54	0.53	0.58	0.55	4.64	ppb
Molybdenum	96-1	0.51	0.54	0.53	0.53	2.89	ppb
Molybdenum	97-1	0.58	0.66	0.65	0.63	7.31	ppb
Molybdenum	98-1	0.72	0.71	0.69	0.71	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.01	0.05	0.04	67.83	ppb
Phosphorus	31-2	5.86	-11.05	22.89	5.90	287.62	ppb
Potassium	39-2	1099.91	1067.54	1073.39	1080.28	1.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	4.04	1.35	173.21	ppb
Selenium	78-2	1.92	1.28	-0.04	1.05	94.98	ppb
Selenium	82-1	1.48	-1.31	0.62	0.26	542.50	ppb
Silicon	28-1	4559.44	4602.07	4557.38	4572.97	0.55	ppb
Silver	109-1	0.16	0.17	0.17	0.17	3.87	ppb
Silver	107-1	0.14	0.15	0.15	0.15	3.31	ppb
Sodium	23-2	4196.31	4146.28	4165.19	4169.26	0.61	ppb
Strontium	86-1	544.34	546.02	552.30	547.55	0.77	ppb
Strontium	88-1	557.71	553.80	560.88	557.46	0.64	ppb
Sulfur	34-1	1682.03	1837.41	1561.78	1693.74	8.16	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.00	76.29	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	9.02	ppb
Tin	118-1	1.60	1.54	1.71	1.62	5.19	ppb
Titanium	47-1	0.54	0.52	0.50	0.52	3.29	ppb
Uranium	238-1	1.29	1.29	1.28	1.29	0.43	ppb
Vanadium	51-2	0.22	0.19	0.17	0.19	13.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.13	9.66	10.70	10.16	5.15	ppb
Zirconium	90-1	0.16	0.02	0.04	0.07	98.21	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-04	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:53:17	DataFile Name :	057SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.07	0.05	0.06	20.51	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-05	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:56:25	DataFile Name :	058SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9482.98	8960.58	8454.20	8965.92	5.74	ppb
Antimony	121-1	477.68	474.16	475.27	475.70	0.38	ppb
Arsenic	75-2	557.47	529.94	532.55	539.99	2.81	ppb
Barium	135-1	2361.07	2337.85	2337.99	2345.64	0.57	ppb
Barium	137-1	2292.90	2303.28	2291.97	2296.05	0.27	ppb
Beryllium	9-1	404.09	406.53	400.71	403.78	0.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	367.77	370.30	370.19	369.42	0.39	ppb
Boron	11-1	362.21	369.11	379.16	370.16	2.30	ppb
Cadmium	111-1	460.93	461.96	456.11	459.67	0.68	ppb
Cadmium	106-1	464.16	468.61	457.61	463.46	1.19	ppb
Cadmium	108-1	462.94	466.19	462.06	463.73	0.47	ppb
Calcium	43-1	143181.56	142695.99	140629.11	142168.89	0.95	ppb
Calcium	44-1	141375.32	140460.83	139856.46	140564.20	0.54	ppb
Chromium	52-2	579.20	552.99	538.21	556.80	3.73	ppb
Cobalt	59-2	571.54	544.28	533.37	549.73	3.58	ppb
Copper	63-2	1160.60	1092.58	1061.16	1104.78	4.60	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26551.11	25093.78	24649.42	25431.44	3.91	ppb
Iron	57-2	26461.30	25121.04	24719.60	25433.98	3.59	ppb
Lead	206-1	513.56	507.96	507.60	509.71	0.66	ppb
Lead	207-1	503.29	505.08	508.48	505.62	0.52	ppb
Lead	208-1	508.43	506.65	507.34	507.48	0.18	ppb
Lithium	6-1						%
Magnesium	24-2	67225.79	63329.22	62033.18	64196.06	4.21	ppb
Manganese	55-2	1030.65	986.81	963.23	993.57	3.44	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-05	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:56:25	DataFile Name :	058SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	491.84	488.54	496.24	492.21	0.78	ppb
Molybdenum	95-1	485.72	473.64	492.76	484.04	2.00	ppb
Molybdenum	96-1	489.02	479.94	487.61	485.52	1.01	ppb
Molybdenum	97-1	472.28	469.83	476.25	472.79	0.69	ppb
Molybdenum	98-1	487.57	482.06	488.61	486.08	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	594.38	564.05	547.43	568.62	4.19	ppb
Phosphorus	31-2	6.63	5.91	-11.05	0.50	2012.28	ppb
Potassium	39-2	25096.93	24107.38	23476.23	24226.85	3.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	518.37	461.70	539.78	506.62	7.96	ppb
Selenium	78-2	529.76	492.02	483.13	501.64	4.94	ppb
Selenium	82-1	503.37	495.55	495.09	498.01	0.93	ppb
Silicon	28-1	5200.85	5139.40	5183.57	5174.61	0.61	ppb
Silver	109-1	456.17	461.04	446.01	454.41	1.69	ppb
Silver	107-1	462.80	456.08	444.15	454.34	2.08	ppb
Sodium	23-2	59340.88	56919.58	55081.77	57114.08	3.74	ppb
Strontium	86-1	578.19	576.85	571.10	575.38	0.65	ppb
Strontium	88-1	591.13	579.87	581.72	584.24	1.03	ppb
Sulfur	34-1	2363.03	2070.95	2101.07	2178.35	7.37	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	527.29	527.09	519.04	524.47	0.90	ppb
Thallium	205-1	525.85	523.87	523.04	524.25	0.28	ppb
Tin	118-1	439.49	435.12	429.94	434.85	1.10	ppb
Titanium	47-1	466.99	462.57	463.44	464.33	0.50	ppb
Uranium	238-1	507.25	499.56	503.32	503.38	0.76	ppb
Vanadium	51-2	557.92	535.60	521.22	538.24	3.44	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1055.87	1003.95	982.57	1014.13	3.72	ppb
Zirconium	90-1	499.70	491.11	493.68	494.83	0.89	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-05	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:56:25	DataFile Name :	058SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	499.29	481.48	487.44	489.40	1.85	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-06	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:59:24	DataFile Name :	059SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9396.21	9646.48	9547.88	9530.19	1.32	ppb
Antimony	121-1	496.55	490.83	478.63	488.67	1.87	ppb
Arsenic	75-2	542.83	570.76	559.21	557.60	2.52	ppb
Barium	135-1	2395.98	2395.57	2376.57	2389.38	0.46	ppb
Barium	137-1	2388.25	2351.60	2337.77	2359.21	1.11	ppb
Beryllium	9-1	418.46	410.25	408.69	412.47	1.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	395.91	391.16	397.96	395.01	0.88	ppb
Boron	11-1	385.20	386.91	387.33	386.48	0.29	ppb
Cadmium	111-1	479.40	475.31	465.59	473.43	1.50	ppb
Cadmium	106-1	469.57	472.30	472.56	471.48	0.35	ppb
Cadmium	108-1	482.15	478.67	471.31	477.38	1.16	ppb
Calcium	43-1	146042.64	142552.31	144396.04	144330.33	1.21	ppb
Calcium	44-1	144029.40	142916.93	143773.85	143573.39	0.41	ppb
Chromium	52-2	583.30	600.82	599.89	594.67	1.66	ppb
Cobalt	59-2	580.14	590.61	594.40	588.38	1.26	ppb
Copper	63-2	1167.61	1189.38	1178.82	1178.61	0.92	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26694.49	27313.40	27110.31	27039.40	1.17	ppb
Iron	57-2	26567.11	27128.95	27565.94	27087.33	1.85	ppb
Lead	206-1	514.50	510.37	524.47	516.44	1.40	ppb
Lead	207-1	509.65	515.63	518.06	514.45	0.84	ppb
Lead	208-1	515.94	515.11	522.22	517.75	0.75	ppb
Lithium	6-1						%
Magnesium	24-2	67710.75	69381.02	69265.41	68785.73	1.36	ppb
Manganese	55-2	1037.20	1075.49	1067.53	1060.07	1.91	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-06	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:59:24	DataFile Name :	059SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	505.35	506.88	500.67	504.30	0.64	ppb
Molybdenum	95-1	491.02	495.97	485.22	490.74	1.10	ppb
Molybdenum	96-1	498.42	505.52	496.09	500.01	0.98	ppb
Molybdenum	97-1	484.89	494.41	483.96	487.75	1.19	ppb
Molybdenum	98-1	495.03	501.02	493.45	496.50	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	600.16	606.28	614.16	606.86	1.16	ppb
Phosphorus	31-2	23.95	42.45	-11.05	18.45	147.26	ppb
Potassium	39-2	25229.55	25927.25	26137.00	25764.60	1.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	575.29	503.92	542.97	540.73	6.61	ppb
Selenium	78-2	568.15	501.54	551.64	540.44	6.42	ppb
Selenium	82-1	498.97	510.92	508.28	506.06	1.24	ppb
Silicon	28-1	5241.38	5237.40	5249.44	5242.74	0.12	ppb
Silver	109-1	483.54	465.82	465.76	471.70	2.17	ppb
Silver	107-1	474.57	465.66	467.74	469.32	0.99	ppb
Sodium	23-2	60721.37	61506.30	62165.57	61464.41	1.18	ppb
Strontium	86-1	582.40	594.98	585.18	587.52	1.12	ppb
Strontium	88-1	594.56	602.30	592.38	596.41	0.87	ppb
Sulfur	34-1	1705.58	1496.98	1526.16	1576.24	7.17	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	537.89	531.29	536.30	535.16	0.64	ppb
Thallium	205-1	534.05	531.84	538.19	534.69	0.60	ppb
Tin	118-1	450.73	450.85	443.54	448.37	0.93	ppb
Titanium	47-1	477.27	471.12	479.92	476.11	0.95	ppb
Uranium	238-1	514.93	516.42	517.16	516.17	0.22	ppb
Vanadium	51-2	562.52	579.00	578.06	573.19	1.61	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1062.99	1094.88	1103.84	1087.24	1.97	ppb
Zirconium	90-1	507.40	509.31	508.86	508.52	0.20	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-06	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:59:24	DataFile Name :	059SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.09	511.27	508.48	508.28	0.61	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-04A	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:02:25	DataFile Name :	060SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10022.66	9202.13	8965.82	9396.87	5.90	ppb
Antimony	121-1	497.22	490.53	492.10	493.28	0.71	ppb
Arsenic	75-2	591.29	550.38	552.12	564.60	4.10	ppb
Barium	135-1	2461.19	2406.64	2420.57	2429.47	1.17	ppb
Barium	137-1	2405.04	2365.05	2384.71	2384.93	0.84	ppb
Beryllium	9-1	416.15	426.81	416.43	419.79	1.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	386.87	410.94	406.67	401.49	3.20	ppb
Boron	11-1	391.39	404.11	399.85	398.45	1.63	ppb
Cadmium	111-1	481.65	476.57	475.87	478.03	0.66	ppb
Cadmium	106-1	481.61	480.20	471.53	477.78	1.14	ppb
Cadmium	108-1	485.74	477.22	475.71	479.56	1.13	ppb
Calcium	43-1	145853.96	143721.55	144232.03	144602.51	0.77	ppb
Calcium	44-1	144136.46	144102.93	142426.32	143555.24	0.68	ppb
Chromium	52-2	628.46	586.30	569.95	594.90	5.07	ppb
Cobalt	59-2	621.92	579.43	566.43	589.26	4.92	ppb
Copper	63-2	1252.33	1171.93	1126.32	1183.53	5.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	28686.75	26808.65	26022.52	27172.64	5.04	ppb
Iron	57-2	28784.02	26811.60	26061.97	27219.20	5.17	ppb
Lead	206-1	524.16	525.23	529.72	526.37	0.56	ppb
Lead	207-1	514.63	529.81	524.50	522.98	1.47	ppb
Lead	208-1	519.73	527.49	530.29	525.84	1.04	ppb
Lithium	6-1						%
Magnesium	24-2	72436.88	67309.47	65185.24	68310.53	5.46	ppb
Manganese	55-2	1118.19	1041.60	1019.12	1059.64	4.90	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-04A	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:02:25	DataFile Name :	060SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	506.07	510.72	503.12	506.64	0.76	ppb
Molybdenum	95-1	500.26	500.34	499.60	500.07	0.08	ppb
Molybdenum	96-1	498.24	502.75	501.50	500.83	0.47	ppb
Molybdenum	97-1	481.06	491.82	489.53	487.47	1.16	ppb
Molybdenum	98-1	494.53	507.72	499.99	500.75	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	644.06	598.77	582.27	608.37	5.26	ppb
Phosphorus	31-2	7.14	5.90	22.10	11.72	76.95	ppb
Potassium	39-2	26914.98	25244.96	24659.62	25606.52	4.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	530.19	514.81	577.77	540.92	6.07	ppb
Selenium	78-2	518.10	514.90	538.20	523.73	2.41	ppb
Selenium	82-1	504.91	515.43	516.46	512.27	1.25	ppb
Silicon	28-1	5349.01	5253.73	5270.03	5290.92	0.96	ppb
Silver	109-1	478.25	468.60	469.64	472.16	1.12	ppb
Silver	107-1	475.85	471.76	468.54	472.05	0.78	ppb
Sodium	23-2	65807.58	60075.50	58485.88	61456.32	6.27	ppb
Strontium	86-1	597.95	600.79	598.14	598.96	0.26	ppb
Strontium	88-1	603.60	601.49	601.17	602.08	0.22	ppb
Sulfur	34-1	1356.74	1204.21	1043.07	1201.34	13.06	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	535.46	541.18	539.22	538.62	0.54	ppb
Thallium	205-1	533.40	544.51	548.90	542.27	1.47	ppb
Tin	118-1	460.27	452.05	456.52	456.28	0.90	ppb
Titanium	47-1	480.01	479.41	476.93	478.79	0.34	ppb
Uranium	238-1	518.06	517.63	528.03	521.24	1.13	ppb
Vanadium	51-2	606.40	563.38	551.70	573.83	5.02	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1155.05	1054.61	1038.05	1082.57	5.85	ppb
Zirconium	90-1	509.69	512.53	510.60	510.94	0.28	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-04A	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:02:25	DataFile Name :	060SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	509.98	507.92	510.41	509.43	0.26	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-07	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY06	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:05:23	DataFile Name :	061SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	122.46	130.21	125.39	126.02	3.10	ppb
Antimony	121-1	1.51	1.50	1.53	1.51	1.01	ppb
Arsenic	75-2	1.00	0.77	0.69	0.82	19.80	ppb
Barium	135-1	33.56	33.66	33.49	33.57	0.25	ppb
Barium	137-1	34.14	33.77	33.80	33.90	0.61	ppb
Beryllium	9-1	0.14	0.18	0.16	0.16	9.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.87	23.58	20.99	23.15	8.52	ppb
Boron	11-1	23.68	22.44	20.57	22.23	7.05	ppb
Cadmium	111-1	0.03	-0.04	0.04	0.01	395.79	ppb
Cadmium	106-1	-1.23	-1.72	-1.25	-1.40		ppb
Cadmium	108-1	0.14	0.15	0.05	0.11	48.16	ppb
Calcium	43-1	112249.78	111156.84	112002.70	111803.11	0.51	ppb
Calcium	44-1	111415.20	111576.53	110863.79	111285.17	0.34	ppb
Chromium	52-2	0.99	0.93	0.93	0.95	3.72	ppb
Cobalt	59-2	0.13	0.14	0.12	0.13	6.96	ppb
Copper	63-2	3.04	3.13	3.09	3.09	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	200.35	201.64	203.83	201.94	0.87	ppb
Iron	57-2	194.46	196.48	198.71	196.55	1.08	ppb
Lead	206-1	0.24	0.24	0.20	0.22	10.76	ppb
Lead	207-1	0.21	0.20	0.21	0.20	3.62	ppb
Lead	208-1	0.20	0.20	0.19	0.20	3.95	ppb
Lithium	6-1						%
Magnesium	24-2	16094.58	16179.96	16236.72	16170.42	0.44	ppb
Manganese	55-2	10.55	10.84	10.78	10.73	1.40	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-07	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY06	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:05:23	DataFile Name :	061SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.25	0.24	0.29	0.26	9.24	ppb
Molybdenum	95-1	0.39	0.37	0.30	0.35	12.16	ppb
Molybdenum	96-1	0.34	0.38	0.35	0.36	6.83	ppb
Molybdenum	97-1	0.36	0.31	0.50	0.39	24.30	ppb
Molybdenum	98-1	0.41	0.44	0.44	0.43	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.27	0.49	0.41	29.21	ppb
Phosphorus	31-2	55.46	-11.05	91.03	45.14	114.77	ppb
Potassium	39-2	1018.64	1008.22	1047.26	1024.71	1.97	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	12.02	0.00	4.01	173.21	ppb
Selenium	78-2	1.25	1.26	-0.04	0.83	90.71	ppb
Selenium	82-1	0.74	-0.10	1.12	0.59	105.76	ppb
Silicon	28-1	5535.16	5516.19	5517.14	5522.83	0.19	ppb
Silver	109-1	0.19	0.20	0.22	0.20	8.61	ppb
Silver	107-1	0.18	0.21	0.19	0.19	6.91	ppb
Sodium	23-2	2828.44	2855.04	2852.76	2845.41	0.52	ppb
Strontium	86-1	699.89	696.87	705.95	700.90	0.66	ppb
Strontium	88-1	703.23	699.65	703.81	702.23	0.32	ppb
Sulfur	34-1	683.34	595.60	569.59	616.17	9.67	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.06	0.07	0.06	7.90	ppb
Thallium	205-1	0.07	0.05	0.05	0.06	24.66	ppb
Tin	118-1	3.82	3.80	3.79	3.81	0.39	ppb
Titanium	47-1	1.41	1.50	1.32	1.41	6.26	ppb
Uranium	238-1	1.22	1.33	1.27	1.27	4.18	ppb
Vanadium	51-2	0.35	0.32	0.35	0.34	5.34	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.18	8.62	8.49	8.43	2.69	ppb
Zirconium	90-1	0.24	0.33	0.20	0.26	26.58	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-07	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY06	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:05:23	DataFile Name :	061SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	3.44	0.17	1.27	147.67	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:08:30	DataFile Name :	062CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47064.56	48291.27	48180.08	47845.30	1.42	ppb
Antimony	121-1	429.90	435.08	447.65	437.54	2.09	ppb
Arsenic	75-2	509.20	501.67	507.05	505.97	0.77	ppb
Barium	135-1	2394.60	2402.18	2434.39	2410.39	0.88	ppb
Barium	137-1	2380.30	2390.03	2392.27	2387.54	0.27	ppb
Beryllium	9-1	494.70	484.54	481.90	487.05	1.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	469.87	479.15	478.13	475.72	1.07	ppb
Boron	11-1	485.06	478.33	483.77	482.39	0.74	ppb
Cadmium	111-1	452.63	455.36	456.95	454.98	0.48	ppb
Cadmium	106-1	463.76	472.22	469.64	468.54	0.93	ppb
Cadmium	108-1	457.19	461.36	470.45	463.00	1.46	ppb
Calcium	43-1	239543.28	236189.21	239905.02	238545.84	0.86	ppb
Calcium	44-1	241538.82	239025.29	242445.39	241003.17	0.74	ppb
Chromium	52-2	514.98	526.40	525.50	522.29	1.22	ppb
Cobalt	59-2	506.00	518.94	513.16	512.70	1.26	ppb
Copper	63-2	1054.06	1044.45	1052.43	1050.31	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	122493.94	125093.88	124456.29	124014.70	1.09	ppb
Iron	57-2	124286.01	127582.28	126933.18	126267.16	1.38	ppb
Lead	206-1	490.88	494.13	504.82	496.61	1.47	ppb
Lead	207-1	494.60	484.79	499.13	492.84	1.49	ppb
Lead	208-1	493.44	495.39	500.48	496.44	0.73	ppb
Lithium	6-1						%
Magnesium	24-2	242586.06	246665.54	245784.42	245012.01	0.88	ppb
Manganese	55-2	994.47	1019.85	1013.68	1009.34	1.31	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:08:30	DataFile Name :	062CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.11	492.84	494.78	494.57	0.33	ppb
Molybdenum	95-1	498.14	481.43	493.18	490.92	1.75	ppb
Molybdenum	96-1	489.62	490.38	496.44	492.15	0.76	ppb
Molybdenum	97-1	483.27	477.27	482.56	481.04	0.68	ppb
Molybdenum	98-1	496.46	490.20	493.01	493.22	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.93	523.52	522.53	518.66	1.46	ppb
Phosphorus	31-2	9680.72	10090.56	10197.79	9989.69	2.73	ppb
Potassium	39-2	117579.41	122975.47	121201.68	120585.52	2.28	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	471.20	417.89	470.38	453.16	6.74	ppb
Selenium	78-2	474.98	500.46	472.56	482.67	3.20	ppb
Selenium	82-1	480.72	473.39	478.32	477.48	0.78	ppb
Silicon	28-1	460.78	457.04	463.52	460.45	0.71	ppb
Silver	109-1	465.67	471.66	470.30	469.21	0.67	ppb
Silver	107-1	463.73	466.17	468.59	466.16	0.52	ppb
Sodium	23-2	246619.36	252010.37	250896.39	249842.04	1.14	ppb
Strontium	86-1	486.43	481.99	484.37	484.27	0.46	ppb
Strontium	88-1	493.83	486.45	489.74	490.01	0.75	ppb
Sulfur	34-1	8585.71	8443.46	8773.01	8600.73	1.92	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	485.00	495.25	505.50	495.25	2.07	ppb
Thallium	205-1	498.90	497.94	504.17	500.34	0.67	ppb
Tin	118-1	468.43	477.37	477.70	474.50	1.11	ppb
Titanium	47-1	483.48	479.64	489.24	484.12	1.00	ppb
Uranium	238-1	499.45	502.43	502.76	501.55	0.36	ppb
Vanadium	51-2	512.99	526.56	520.34	519.96	1.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	990.19	1012.85	1020.57	1007.87	1.57	ppb
Zirconium	90-1	492.42	484.23	491.79	489.48	0.93	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:08:30	DataFile Name :	062CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.46	489.96	495.47	494.30	0.79	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:11:28	DataFile Name :	063CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.01	-0.16	-3.23	-0.46		ppb
Antimony	121-1	0.21	0.20	0.19	0.20	4.53	ppb
Arsenic	75-2	0.04	0.04	0.02	0.03	39.33	ppb
Barium	135-1	0.00	0.00	0.03	0.01	183.70	ppb
Barium	137-1	-0.01	0.00	0.02	0.00	914.07	ppb
Beryllium	9-1	0.15	0.09	0.13	0.12	21.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	16.36	14.79	13.97	15.04	8.08	ppb
Boron	11-1	15.97	14.68	13.85	14.83	7.22	ppb
Cadmium	111-1	0.00	0.03	-0.01	0.01	257.62	ppb
Cadmium	106-1	-0.64	-0.21	-0.45	-0.43		ppb
Cadmium	108-1	0.05	0.11	0.20	0.12	64.83	ppb
Calcium	43-1	-24.37	-30.39	-28.99	-27.92		ppb
Calcium	44-1	-18.24	-17.75	-16.63	-17.54		ppb
Chromium	52-2	-0.05	0.07	0.17	0.06	177.82	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.11	0.16	0.15	0.14	16.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.03	0.63	1.12	0.93	28.43	ppb
Iron	57-2	2.30	2.50	2.81	2.54	10.04	ppb
Lead	206-1	0.02	0.02	0.02	0.02	16.28	ppb
Lead	207-1	0.02	0.02	0.02	0.02	15.80	ppb
Lead	208-1	0.02	0.02	0.01	0.02	16.62	ppb
Lithium	6-1						%
Magnesium	24-2	0.50	1.30	2.39	1.40	68.23	ppb
Manganese	55-2	0.02	0.03	0.03	0.02	33.94	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:11:28	DataFile Name :	063CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.02	0.04	50.99	ppb
Molybdenum	95-1	0.07	0.04	0.04	0.05	36.41	ppb
Molybdenum	96-1	0.08	0.07	0.07	0.08	5.10	ppb
Molybdenum	97-1	0.10	0.08	0.09	0.09	14.86	ppb
Molybdenum	98-1	0.04	0.05	0.04	0.04	12.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.23	-0.19	-0.23		ppb
Phosphorus	31-2	-11.05	17.02	3.56	3.18	441.48	ppb
Potassium	39-2	18.32	3.88	-2.48	6.57	162.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.33	0.00	0.00	1.11	173.21	ppb
Selenium	78-2	-0.70	0.92	-0.70	-0.16		ppb
Selenium	82-1	-0.35	-1.39	0.15	-0.53		ppb
Silicon	28-1	-21.53	-21.30	-22.65	-21.83		ppb
Silver	109-1	0.08	0.06	0.09	0.08	17.14	ppb
Silver	107-1	0.07	0.06	0.07	0.07	9.16	ppb
Sodium	23-2	26.06	21.54	27.94	25.18	13.06	ppb
Strontium	86-1	-0.04	-0.07	-0.01	-0.04		ppb
Strontium	88-1	-0.01	0.01	0.01	0.00	292.68	ppb
Sulfur	34-1	-1870.57	-2028.44	-1790.86	-1896.63		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.03	0.03	0.03	32.98	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	15.23	ppb
Tin	118-1	0.06	0.03	0.03	0.04	36.23	ppb
Titanium	47-1	0.01	-0.03	-0.03	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	147.83	ppb
Vanadium	51-2	0.00	0.02	0.00	0.01	124.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.56	0.57	0.09	0.40	68.18	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	12.69	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:11:28	DataFile Name :	063CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.05	0.03	77.46	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-08	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ5-ER2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:14:36	DataFile Name :	064SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.59	0.68	3.52	1.20	175.29	ppb
Antimony	121-1	4.05	3.41	3.18	3.55	12.64	ppb
Arsenic	75-2	0.53	0.46	0.32	0.44	24.48	ppb
Barium	135-1	0.01	0.03	0.02	0.02	41.15	ppb
Barium	137-1	0.01	0.00	0.01	0.00	91.47	ppb
Beryllium	9-1	0.08	0.09	0.08	0.08	3.47	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.07	8.46	8.36	8.63	4.42	ppb
Boron	11-1	8.88	9.19	8.18	8.75	5.89	ppb
Cadmium	111-1	0.03	-0.02	-0.02	0.00		ppb
Cadmium	106-1	-1.02	-1.14	-1.55	-1.24		ppb
Cadmium	108-1	0.12	0.12	0.12	0.12	1.02	ppb
Calcium	43-1	-5.95	-14.57	12.47	-2.68		ppb
Calcium	44-1	-8.61	-5.62	-1.58	-5.27		ppb
Chromium	52-2	0.77	0.90	0.84	0.84	7.79	ppb
Cobalt	59-2	0.02	0.00	0.00	0.01	107.75	ppb
Copper	63-2	2.32	2.54	2.65	2.50	6.61	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	5.18	5.74	6.05	5.66	7.82	ppb
Iron	57-2	7.12	3.23	5.87	5.41	36.70	ppb
Lead	206-1	0.14	0.12	0.16	0.14	11.68	ppb
Lead	207-1	0.17	0.12	0.16	0.15	17.88	ppb
Lead	208-1	0.16	0.14	0.15	0.15	7.26	ppb
Lithium	6-1						%
Magnesium	24-2	1.70	1.74	6.03	3.16	78.92	ppb
Manganese	55-2	0.53	0.41	0.60	0.51	18.36	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-08	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ5-ER2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:14:36	DataFile Name :	064SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.04	0.05	0.05	5.19	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	3.60	ppb
Molybdenum	96-1	0.08	0.07	0.09	0.08	13.47	ppb
Molybdenum	97-1	0.08	0.07	0.07	0.08	9.94	ppb
Molybdenum	98-1	0.07	0.08	0.10	0.08	22.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.05	0.01	-0.03		ppb
Phosphorus	31-2	5.68	-11.05	6.59	0.41	2441.82	ppb
Potassium	39-2	29.83	22.15	16.90	22.96	28.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.04	1.25	-0.04	0.39	190.43	ppb
Selenium	82-1	-0.48	0.15	0.39	0.02	2174.32	ppb
Silicon	28-1	-6.71	-6.07	-9.20	-7.33		ppb
Silver	109-1	0.25	0.26	0.24	0.25	4.17	ppb
Silver	107-1	0.30	0.26	0.27	0.28	6.40	ppb
Sodium	23-2	87.03	87.16	88.13	87.44	0.69	ppb
Strontium	86-1	0.03	0.02	0.06	0.04	58.13	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	51.23	ppb
Sulfur	34-1	-1474.54	-1445.13	-1574.39	-1498.02		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.06	0.03	0.04	39.15	ppb
Thallium	205-1	0.04	0.04	0.03	0.03	25.46	ppb
Tin	118-1	3.43	3.04	3.02	3.16	7.22	ppb
Titanium	47-1	0.24	0.15	0.14	0.18	28.73	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	87.76	ppb
Vanadium	51-2	0.06	0.06	0.09	0.07	26.54	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.84	10.83	10.99	10.55	5.91	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	3.40	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-08	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ5-ER2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:14:36	DataFile Name :	064SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.06	0.06	12.78	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4686-02	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY07	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:17:44	DataFile Name :	065SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	112.48	90.72	119.62	107.61	13.99	ppb
Antimony	121-1	2.24	2.22	2.25	2.24	0.64	ppb
Arsenic	75-2	0.87	0.64	0.80	0.77	15.54	ppb
Barium	135-1	26.96	27.23	27.88	27.36	1.73	ppb
Barium	137-1	27.65	27.98	28.28	27.97	1.13	ppb
Beryllium	9-1	0.09	0.07	0.07	0.08	19.49	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.13	14.61	12.14	13.29	9.37	ppb
Boron	11-1	13.31	13.00	12.11	12.81	4.87	ppb
Cadmium	111-1	-0.04	-0.02	-0.15	-0.07		ppb
Cadmium	106-1	-1.43	-0.82	-2.54	-1.60		ppb
Cadmium	108-1	0.08	0.18	-0.01	0.08	110.89	ppb
Calcium	43-1	110594.33	110167.81	109990.18	110250.77	0.28	ppb
Calcium	44-1	107770.79	109445.33	109958.48	109058.20	1.05	ppb
Chromium	52-2	0.93	0.98	0.93	0.95	3.15	ppb
Cobalt	59-2	0.10	0.07	0.10	0.09	16.03	ppb
Copper	63-2	2.98	3.09	3.32	3.13	5.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	138.58	135.21	137.56	137.12	1.26	ppb
Iron	57-2	134.93	144.21	148.04	142.39	4.73	ppb
Lead	206-1	0.18	0.17	0.16	0.17	6.85	ppb
Lead	207-1	0.18	0.18	0.18	0.18	1.80	ppb
Lead	208-1	0.18	0.18	0.16	0.17	6.17	ppb
Lithium	6-1						%
Magnesium	24-2	15799.90	15811.65	16050.54	15887.36	0.89	ppb
Manganese	55-2	6.22	6.17	6.19	6.19	0.42	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4686-02	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY07	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:17:44	DataFile Name :	065SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.22	0.22	0.22	3.30	ppb
Molybdenum	95-1	0.36	0.35	0.35	0.35	2.73	ppb
Molybdenum	96-1	0.38	0.34	0.35	0.36	6.66	ppb
Molybdenum	97-1	0.44	0.47	0.43	0.45	4.44	ppb
Molybdenum	98-1	0.49	0.47	0.44	0.47	5.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.33	0.31	0.29	21.24	ppb
Phosphorus	31-2	23.26	6.06	58.01	29.11	90.90	ppb
Potassium	39-2	909.62	893.17	931.40	911.40	2.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	8.05	2.68	173.21	ppb
Selenium	78-2	-0.03	-0.70	1.27	0.18	553.70	ppb
Selenium	82-1	-0.24	0.08	-0.12	-0.09		ppb
Silicon	28-1	5436.47	5364.23	5432.42	5411.04	0.75	ppb
Silver	109-1	0.18	0.19	0.20	0.19	4.29	ppb
Silver	107-1	0.21	0.23	0.19	0.21	8.47	ppb
Sodium	23-2	3059.17	3030.51	3096.05	3061.91	1.07	ppb
Strontium	86-1	705.58	697.06	695.62	699.42	0.77	ppb
Strontium	88-1	695.23	686.47	690.98	690.89	0.63	ppb
Sulfur	34-1	1020.38	869.15	1049.28	979.60	9.88	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.01	0.02	21.75	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	32.45	ppb
Tin	118-1	2.26	2.32	2.38	2.32	2.56	ppb
Titanium	47-1	1.26	2.73	1.09	1.70	53.14	ppb
Uranium	238-1	1.21	1.25	1.22	1.23	1.97	ppb
Vanadium	51-2	0.30	0.24	0.27	0.27	12.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.48	9.19	9.45	9.04	5.59	ppb
Zirconium	90-1	0.20	0.19	0.14	0.18	18.95	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4686-02	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY07	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:17:44	DataFile Name :	065SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.17	0.17	0.17	3.17	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4686-03	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY08	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:20:50	DataFile Name :	066SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	153.80	128.98	206.31	163.03	24.22	ppb
Antimony	121-1	2.02	1.97	2.05	2.01	2.21	ppb
Arsenic	75-2	0.78	0.93	0.85	0.85	8.77	ppb
Barium	135-1	31.15	29.95	30.11	30.40	2.15	ppb
Barium	137-1	29.82	30.47	29.95	30.08	1.14	ppb
Beryllium	9-1	0.13	0.10	0.09	0.10	19.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.17	11.13	12.37	11.89	5.62	ppb
Boron	11-1	11.98	12.15	12.50	12.21	2.19	ppb
Cadmium	111-1	-0.09	-0.09	-0.11	-0.10		ppb
Cadmium	106-1	-1.49	-1.70	-1.88	-1.69		ppb
Cadmium	108-1	0.11	0.14	0.14	0.13	13.59	ppb
Calcium	43-1	106926.45	106086.17	108356.30	107122.98	1.07	ppb
Calcium	44-1	106396.42	104807.56	106641.85	105948.61	0.94	ppb
Chromium	52-2	1.18	1.20	1.64	1.34	19.35	ppb
Cobalt	59-2	0.21	0.20	0.22	0.21	4.11	ppb
Copper	63-2	3.32	3.41	3.53	3.42	3.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	247.54	245.50	248.60	247.21	0.64	ppb
Iron	57-2	261.60	254.65	250.61	255.62	2.17	ppb
Lead	206-1	0.20	0.21	0.21	0.21	4.50	ppb
Lead	207-1	0.24	0.19	0.23	0.22	12.73	ppb
Lead	208-1	0.22	0.20	0.21	0.21	5.45	ppb
Lithium	6-1						%
Magnesium	24-2	14922.72	14620.64	15056.73	14866.70	1.50	ppb
Manganese	55-2	34.39	33.14	34.85	34.12	2.59	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4686-03	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY08	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:20:50	DataFile Name :	066SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.58	1.51	1.53	1.54	2.30	ppb
Molybdenum	95-1	4.31	4.32	4.10	4.24	2.88	ppb
Molybdenum	96-1	3.57	3.67	3.55	3.60	1.86	ppb
Molybdenum	97-1	4.32	4.26	4.40	4.33	1.59	ppb
Molybdenum	98-1	4.45	4.35	4.48	4.43	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.62	0.66	0.43	0.57	21.16	ppb
Phosphorus	31-2	41.91	23.59	6.73	24.08	73.09	ppb
Potassium	39-2	1588.27	1545.41	1580.49	1571.39	1.45	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.16	4.09	4.15	4.13	1.01	ppb
Selenium	78-2	1.34	-0.70	2.69	1.11	153.61	ppb
Selenium	82-1	-1.14	0.37	-0.65	-0.48		ppb
Silicon	28-1	5231.78	5227.73	5252.62	5237.38	0.25	ppb
Silver	109-1	0.16	0.16	0.19	0.17	10.10	ppb
Silver	107-1	0.19	0.20	0.16	0.19	11.58	ppb
Sodium	23-2	5991.60	5942.07	6152.19	6028.62	1.82	ppb
Strontium	86-1	647.48	668.71	665.55	660.58	1.73	ppb
Strontium	88-1	649.53	659.82	656.34	655.23	0.80	ppb
Sulfur	34-1	1929.20	1796.76	2073.25	1933.07	7.15	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.00	0.01	0.01	79.83	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	20.18	ppb
Tin	118-1	1.73	1.85	1.87	1.82	4.37	ppb
Titanium	47-1	1.81	7.47	3.06	4.12	72.24	ppb
Uranium	238-1	1.52	1.58	1.56	1.55	1.91	ppb
Vanadium	51-2	0.35	0.35	0.40	0.37	7.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.38	8.29	7.65	7.77	6.00	ppb
Zirconium	90-1	0.23	0.31	0.25	0.26	16.03	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4686-03	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY08	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:20:50	DataFile Name :	066SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.28	0.35	0.28	25.41	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:23:58	DataFile Name :	067SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.57	7.38	0.98	4.98	70.08	ppb
Antimony	121-1	1.89	1.90	1.80	1.86	2.92	ppb
Arsenic	75-2	81.22	82.94	80.14	81.43	1.74	ppb
Barium	135-1	113.90	114.04	113.64	113.86	0.18	ppb
Barium	137-1	113.99	113.18	113.35	113.51	0.37	ppb
Beryllium	9-1	0.08	0.07	0.07	0.07	10.36	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	165.32	165.65	171.32	167.43	2.01	ppb
Boron	11-1	172.26	173.61	179.04	174.97	2.05	ppb
Cadmium	111-1	-0.10	-0.12	-0.13	-0.11		ppb
Cadmium	106-1	-1.47	-1.86	-1.88	-1.74		ppb
Cadmium	108-1	0.02	-0.01	0.11	0.04	155.25	ppb
Calcium	43-1	112118.19	112976.62	112549.43	112548.08	0.38	ppb
Calcium	44-1	109536.75	111421.10	111090.20	110682.69	0.91	ppb
Chromium	52-2	1.89	1.69	2.07	1.88	9.92	ppb
Cobalt	59-2	0.57	0.61	0.60	0.59	3.23	ppb
Copper	63-2	3.05	3.12	3.17	3.11	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9446.95	8860.36	9185.18	9164.16	3.21	ppb
Iron	57-2	9330.19	8727.24	9100.80	9052.74	3.36	ppb
Lead	206-1	0.08	0.10	0.08	0.08	14.80	ppb
Lead	207-1	0.08	0.07	0.07	0.08	6.32	ppb
Lead	208-1	0.08	0.08	0.08	0.08	2.42	ppb
Lithium	6-1						%
Magnesium	24-2	14728.08	13937.23	14226.98	14297.43	2.80	ppb
Manganese	55-2	817.38	775.84	792.92	795.38	2.63	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:23:58	DataFile Name :	067SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.51	0.53	0.52	0.52	1.65	ppb
Molybdenum	95-1	1.45	1.49	1.59	1.51	4.59	ppb
Molybdenum	96-1	1.36	1.30	1.34	1.33	2.27	ppb
Molybdenum	97-1	1.49	1.57	1.54	1.53	2.48	ppb
Molybdenum	98-1	1.56	1.59	1.60	1.58	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.79	1.62	1.68	1.69	5.20	ppb
Phosphorus	31-2	429.92	375.13	346.24	383.76	11.08	ppb
Potassium	39-2	2559.79	2393.13	2457.43	2470.12	3.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	8.44	0.00	0.00	2.81	173.21	ppb
Selenium	78-2	0.67	0.68	0.66	0.67	1.96	ppb
Selenium	82-1	0.66	-0.08	0.91	0.50	103.83	ppb
Silicon	28-1	11299.47	11387.55	11418.45	11368.49	0.54	ppb
Silver	109-1	0.18	0.16	0.17	0.17	3.70	ppb
Silver	107-1	0.17	0.16	0.16	0.16	6.10	ppb
Sodium	23-2	44200.17	41818.97	42861.81	42960.32	2.78	ppb
Strontium	86-1	514.09	521.98	527.32	521.13	1.28	ppb
Strontium	88-1	522.80	528.54	530.68	527.34	0.77	ppb
Sulfur	34-1	8799.88	8773.20	8968.65	8847.24	1.20	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	63.26	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	67.00	ppb
Tin	118-1	1.54	1.60	1.66	1.60	3.99	ppb
Titanium	47-1	0.70	0.78	0.87	0.78	10.48	ppb
Uranium	238-1	0.41	0.38	0.41	0.40	3.84	ppb
Vanadium	51-2	0.41	0.37	0.40	0.39	6.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.72	8.06	8.21	8.00	3.09	ppb
Zirconium	90-1	0.06	0.07	0.05	0.06	10.23	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:23:58	DataFile Name :	067SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.08	0.12	0.10	22.58	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808DL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:27:04	DataFile Name :	068SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.93	15.19	8.53	8.22	86.81	ppb
Antimony	121-1	1.76	1.88	1.73	1.79	4.48	ppb
Arsenic	75-2	81.89	83.33	81.25	82.15	1.30	ppb
Barium	135-1	112.96	114.90	115.58	114.48	1.19	ppb
Barium	137-1	115.57	115.91	116.20	115.89	0.27	ppb
Beryllium	9-1	0.07	0.05	0.05	0.06	17.05	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	172.62	172.55	173.93	173.03	0.45	ppb
Boron	11-1	175.03	177.74	183.58	178.78	2.44	ppb
Cadmium	111-1	-0.14	-0.14	-0.16	-0.15		ppb
Cadmium	106-1	-1.99	-1.92	-2.37	-2.10		ppb
Cadmium	108-1	0.08	0.12	0.11	0.11	17.77	ppb
Calcium	43-1	110833.50	113985.31	113087.10	112635.30	1.44	ppb
Calcium	44-1	109479.67	111089.43	110047.07	110205.39	0.74	ppb
Chromium	52-2	1.72	1.65	1.92	1.76	8.05	ppb
Cobalt	59-2	0.57	0.61	0.55	0.58	5.13	ppb
Copper	63-2	2.96	3.13	3.08	3.06	2.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9265.60	9040.61	9005.43	9103.88	1.55	ppb
Iron	57-2	9239.47	9025.99	9046.58	9104.01	1.29	ppb
Lead	206-1	0.10	0.06	0.10	0.09	28.58	ppb
Lead	207-1	0.09	0.10	0.07	0.09	15.38	ppb
Lead	208-1	0.08	0.08	0.08	0.08	5.54	ppb
Lithium	6-1						%
Magnesium	24-2	14451.71	14077.75	13928.45	14152.63	1.90	ppb
Manganese	55-2	804.00	794.01	782.73	793.58	1.34	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808DL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:27:04	DataFile Name :	068SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.50	0.47	0.48	0.48	3.68	ppb
Molybdenum	95-1	1.43	1.52	1.56	1.50	4.49	ppb
Molybdenum	96-1	1.21	1.25	1.21	1.23	1.89	ppb
Molybdenum	97-1	1.46	1.48	1.48	1.47	0.99	ppb
Molybdenum	98-1	1.56	1.56	1.51	1.54	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.61	1.86	1.62	1.70	8.21	ppb
Phosphorus	31-2	414.18	445.62	544.02	467.94	14.48	ppb
Potassium	39-2	2465.28	2454.50	2374.39	2431.39	2.04	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	8.23	0.00	0.00	2.74	173.21	ppb
Selenium	78-2	1.98	-0.03	0.64	0.86	118.48	ppb
Selenium	82-1	1.20	0.32	-0.04	0.49	129.80	ppb
Silicon	28-1	11057.51	11229.03	11360.44	11215.66	1.35	ppb
Silver	109-1	0.17	0.17	0.14	0.16	9.30	ppb
Silver	107-1	0.16	0.17	0.16	0.17	3.66	ppb
Sodium	23-2	43404.91	42554.10	42525.41	42828.14	1.17	ppb
Strontium	86-1	515.30	514.92	522.99	517.73	0.88	ppb
Strontium	88-1	520.84	529.28	530.87	527.00	1.02	ppb
Sulfur	34-1	8442.88	8546.21	8827.03	8605.37	2.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	32.20	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	27.61	ppb
Tin	118-1	1.38	1.49	1.56	1.48	6.22	ppb
Titanium	47-1	0.75	0.78	0.67	0.73	7.81	ppb
Uranium	238-1	0.40	0.40	0.41	0.40	1.05	ppb
Vanadium	51-2	0.39	0.36	0.43	0.39	9.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.08	8.58	7.70	7.78	9.68	ppb
Zirconium	90-1	0.03	0.04	0.05	0.04	14.42	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808DL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:27:04	DataFile Name :	068SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.09	0.11	0.09	18.16	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01LX5 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808L Dilution Factor : 5
 Date & Time Acquired :: 2017-08-10 17:30:11 DataFile Name : 069SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.54	-3.19	-2.12	-0.59		ppb
Antimony	121-1	0.54	0.54	0.51	0.53	3.02	ppb
Arsenic	75-2	15.53	15.60	15.00	15.38	2.15	ppb
Barium	135-1	23.17	23.08	23.23	23.16	0.32	ppb
Barium	137-1	23.88	23.76	23.92	23.85	0.34	ppb
Beryllium	9-1	0.05	0.03	0.04	0.04	20.71	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	44.09	44.82	50.68	46.53	7.77	ppb
Boron	11-1	47.50	49.26	48.95	48.57	1.94	ppb
Cadmium	111-1	-0.03	-0.07	-0.09	-0.06		ppb
Cadmium	106-1	-0.29	-0.90	-1.14	-0.78		ppb
Cadmium	108-1	-0.01	0.05	-0.04	0.00		ppb
Calcium	43-1	22214.45	22258.57	22178.20	22217.07	0.18	ppb
Calcium	44-1	22207.58	22177.69	22218.53	22201.27	0.10	ppb
Chromium	52-2	0.37	0.32	0.47	0.39	19.76	ppb
Cobalt	59-2	0.08	0.09	0.08	0.08	6.06	ppb
Copper	63-2	0.70	0.68	0.61	0.66	7.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1783.98	1788.26	1757.34	1776.53	0.94	ppb
Iron	57-2	1784.82	1770.37	1771.22	1775.47	0.46	ppb
Lead	206-1	0.02	0.00	0.03	0.02	100.11	ppb
Lead	207-1	0.00	0.03	0.03	0.02	73.18	ppb
Lead	208-1	0.02	0.01	0.02	0.02	18.44	ppb
Lithium	6-1						%
Magnesium	24-2	2822.56	2782.77	2716.19	2773.84	1.94	ppb
Manganese	55-2	160.30	156.27	158.78	158.45	1.29	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 17:30:11	DataFile Name :	069SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.09	0.07	0.08	11.05	ppb
Molybdenum	95-1	0.30	0.30	0.27	0.29	5.30	ppb
Molybdenum	96-1	0.23	0.25	0.28	0.25	10.22	ppb
Molybdenum	97-1	0.31	0.31	0.34	0.32	5.24	ppb
Molybdenum	98-1	0.30	0.29	0.32	0.30	5.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.18	0.16	0.19	17.03	ppb
Phosphorus	31-2	140.52	4.04	77.74	74.10	92.19	ppb
Potassium	39-2	510.66	503.48	465.52	493.22	4.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.54	1.18	173.21	ppb
Selenium	78-2	2.20	-0.12	0.45	0.84	142.83	ppb
Selenium	82-1	-0.61	-0.35	-0.75	-0.57		ppb
Silicon	28-1	2281.60	2324.91	2266.08	2290.87	1.33	ppb
Silver	109-1	0.08	0.08	0.07	0.08	9.08	ppb
Silver	107-1	0.08	0.07	0.07	0.07	7.22	ppb
Sodium	23-2	8136.92	8082.41	8007.14	8075.49	0.81	ppb
Strontium	86-1	103.71	103.76	105.51	104.33	0.98	ppb
Strontium	88-1	109.23	107.08	107.92	108.08	1.01	ppb
Sulfur	34-1	411.52	619.40	441.21	490.71	22.91	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	137.11	ppb
Tin	118-1	0.16	0.16	0.13	0.15	12.06	ppb
Titanium	47-1	0.08	0.11	0.13	0.11	23.24	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	3.23	ppb
Vanadium	51-2	0.10	0.12	0.08	0.10	22.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.62	1.39	1.53	1.51	7.66	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	263.86	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 17:30:11	DataFile Name :	069SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.00	0.01	121.96	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-02 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808M Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 17:33:19 DataFile Name : 070SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8807.26	9129.34	8891.69	8942.76	1.87	ppb
Antimony	121-1	474.71	474.16	466.70	471.86	0.95	ppb
Arsenic	75-2	613.35	614.65	605.08	611.03	0.85	ppb
Barium	135-1	2386.76	2395.34	2386.76	2389.62	0.21	ppb
Barium	137-1	2377.40	2372.67	2382.37	2377.48	0.20	ppb
Beryllium	9-1	420.45	420.96	413.29	418.23	1.02	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	555.03	556.17	553.37	554.85	0.25	ppb
Boron	11-1	561.86	570.07	558.40	563.44	1.06	ppb
Cadmium	111-1	452.45	457.16	454.97	454.86	0.52	ppb
Cadmium	106-1	456.03	452.64	462.45	457.04	1.09	ppb
Cadmium	108-1	451.89	461.73	461.03	458.22	1.20	ppb
Calcium	43-1	158449.93	153737.03	158109.73	156765.56	1.68	ppb
Calcium	44-1	157413.35	154410.15	157481.22	156434.91	1.12	ppb
Chromium	52-2	556.66	566.90	563.44	562.33	0.93	ppb
Cobalt	59-2	551.87	562.57	557.65	557.36	0.96	ppb
Copper	63-2	1114.59	1135.30	1134.76	1128.21	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	34372.68	34775.67	34549.38	34565.91	0.58	ppb
Iron	57-2	34167.56	34746.79	34402.83	34439.06	0.85	ppb
Lead	206-1	496.47	500.55	499.61	498.87	0.43	ppb
Lead	207-1	499.94	498.10	487.98	495.34	1.30	ppb
Lead	208-1	498.83	499.45	497.85	498.71	0.16	ppb
Lithium	6-1						%
Magnesium	24-2	65962.79	67205.65	66085.25	66417.89	1.03	ppb
Manganese	55-2	1732.57	1771.90	1745.08	1749.85	1.15	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-02	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:33:19	DataFile Name :	070SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	483.23	489.05	493.43	488.57	1.05	ppb
Molybdenum	95-1	477.33	485.08	476.29	479.57	1.00	ppb
Molybdenum	96-1	482.79	485.45	486.40	484.88	0.39	ppb
Molybdenum	97-1	467.69	474.85	468.93	470.49	0.81	ppb
Molybdenum	98-1	479.49	489.86	484.31	484.55	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	567.15	580.96	573.45	573.85	1.20	ppb
Phosphorus	31-2	466.87	422.28	331.52	406.89	16.95	ppb
Potassium	39-2	25449.41	25940.44	25647.42	25679.09	0.96	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	462.93	499.10	596.23	519.42	13.27	ppb
Selenium	78-2	483.29	489.68	498.87	490.62	1.60	ppb
Selenium	82-1	487.98	489.32	489.83	489.04	0.20	ppb
Silicon	28-1	11505.92	11182.00	11384.18	11357.37	1.44	ppb
Silver	109-1	452.12	453.38	451.13	452.21	0.25	ppb
Silver	107-1	446.61	446.08	449.24	447.31	0.38	ppb
Sodium	23-2	92626.75	95187.44	93774.68	93862.96	1.37	ppb
Strontium	86-1	502.56	506.56	502.76	503.96	0.45	ppb
Strontium	88-1	510.51	514.29	511.42	512.08	0.38	ppb
Sulfur	34-1	8973.66	8272.75	8562.20	8602.87	4.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	515.78	520.22	517.95	517.98	0.43	ppb
Thallium	205-1	518.44	519.91	514.20	517.52	0.57	ppb
Tin	118-1	431.00	434.62	435.40	433.67	0.54	ppb
Titanium	47-1	464.74	457.30	469.72	463.92	1.35	ppb
Uranium	238-1	491.80	496.02	500.96	496.26	0.92	ppb
Vanadium	51-2	532.63	544.80	545.09	540.84	1.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1021.24	1040.34	1024.86	1028.81	0.99	ppb
Zirconium	90-1	492.41	485.94	487.05	488.47	0.71	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-02	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:33:19	DataFile Name :	070SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.29	493.56	490.03	489.96	0.74	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-03 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808M Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 17:36:18 DataFile Name : 071SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8902.12	9026.60	9010.66	8979.79	0.75	ppb
Antimony	121-1	478.68	475.04	490.84	481.52	1.72	ppb
Arsenic	75-2	617.03	628.78	619.77	621.86	0.99	ppb
Barium	135-1	2425.02	2421.11	2450.18	2432.11	0.65	ppb
Barium	137-1	2395.03	2357.51	2415.10	2389.21	1.22	ppb
Beryllium	9-1	427.10	428.47	422.09	425.89	0.79	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	573.31	573.41	575.59	574.10	0.22	ppb
Boron	11-1	565.47	572.15	579.78	572.47	1.25	ppb
Cadmium	111-1	464.23	463.89	472.75	466.96	1.08	ppb
Cadmium	106-1	465.55	463.62	471.35	466.84	0.86	ppb
Cadmium	108-1	461.76	469.81	469.70	467.09	0.99	ppb
Calcium	43-1	155662.42	155376.61	155439.20	155492.74	0.10	ppb
Calcium	44-1	154448.43	155161.34	153890.81	154500.19	0.41	ppb
Chromium	52-2	565.19	568.12	577.63	570.31	1.14	ppb
Cobalt	59-2	561.93	561.01	567.96	563.64	0.67	ppb
Copper	63-2	1134.90	1133.18	1123.57	1130.55	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	34039.44	34488.07	34432.45	34319.99	0.71	ppb
Iron	57-2	34103.89	34181.35	33848.07	34044.44	0.51	ppb
Lead	206-1	505.72	506.62	514.10	508.81	0.90	ppb
Lead	207-1	506.63	502.08	509.19	505.97	0.71	ppb
Lead	208-1	505.58	506.03	514.38	508.66	0.97	ppb
Lithium	6-1						%
Magnesium	24-2	66018.81	67222.78	66806.51	66682.70	0.92	ppb
Manganese	55-2	1742.50	1756.68	1742.39	1747.19	0.47	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-03 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808M Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 17:36:18 DataFile Name : 071SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	498.43	491.80	503.42	497.88	1.17	ppb
Molybdenum	95-1	488.26	484.23	487.60	486.70	0.44	ppb
Molybdenum	96-1	486.19	488.82	492.48	489.16	0.65	ppb
Molybdenum	97-1	480.91	469.48	479.02	476.47	1.29	ppb
Molybdenum	98-1	489.91	484.59	493.83	489.44	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	587.56	584.90	583.69	585.38	0.34	ppb
Phosphorus	31-2	395.85	399.68	212.83	336.12	31.77	ppb
Potassium	39-2	25468.69	25776.32	25966.67	25737.23	0.98	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	434.63	497.62	553.04	495.10	11.97	ppb
Selenium	78-2	505.37	523.07	483.68	504.04	3.91	ppb
Selenium	82-1	500.18	495.01	501.30	498.83	0.67	ppb
Silicon	28-1	11194.98	11192.51	11179.60	11189.03	0.07	ppb
Silver	109-1	458.63	455.52	464.22	459.45	0.96	ppb
Silver	107-1	456.13	457.85	458.22	457.40	0.24	ppb
Sodium	23-2	93853.15	93723.74	94194.58	93923.82	0.26	ppb
Strontium	86-1	505.98	501.69	505.37	504.35	0.46	ppb
Strontium	88-1	512.00	504.50	512.34	509.62	0.87	ppb
Sulfur	34-1	7980.92	7931.61	7689.89	7867.47	1.98	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	522.60	526.15	539.35	529.37	1.67	ppb
Thallium	205-1	517.75	527.92	529.63	525.10	1.22	ppb
Tin	118-1	436.92	442.84	450.33	443.36	1.52	ppb
Titanium	47-1	462.42	468.58	463.04	464.68	0.73	ppb
Uranium	238-1	503.53	503.86	506.41	504.60	0.31	ppb
Vanadium	51-2	546.02	550.10	555.00	550.37	0.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1032.56	1026.61	1031.89	1030.35	0.32	ppb
Zirconium	90-1	497.69	491.93	499.27	496.30	0.78	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-03	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:36:18	DataFile Name :	071SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.34	495.85	496.04	497.74	0.63	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01A Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808A Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 17:39:18 DataFile Name : 072SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9052.55	8951.51	9076.80	9026.95	0.74	ppb
Antimony	121-1	485.88	478.10	486.84	483.60	0.99	ppb
Arsenic	75-2	622.24	625.04	620.10	622.46	0.40	ppb
Barium	135-1	2445.05	2400.37	2470.31	2438.58	1.45	ppb
Barium	137-1	2414.04	2381.17	2459.75	2418.32	1.63	ppb
Beryllium	9-1	433.36	434.41	440.45	436.07	0.88	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	585.26	584.61	611.14	593.67	2.55	ppb
Boron	11-1	578.28	590.85	608.49	592.54	2.56	ppb
Cadmium	111-1	465.72	460.52	469.18	465.14	0.94	ppb
Cadmium	106-1	460.32	470.81	472.74	467.96	1.43	ppb
Cadmium	108-1	471.33	466.04	467.39	468.25	0.59	ppb
Calcium	43-1	157596.29	156578.13	159637.79	157937.41	0.99	ppb
Calcium	44-1	157041.98	155164.43	158516.45	156907.62	1.07	ppb
Chromium	52-2	575.23	560.20	574.25	569.89	1.48	ppb
Cobalt	59-2	567.37	553.78	566.69	562.61	1.36	ppb
Copper	63-2	1151.83	1118.07	1134.39	1134.76	1.49	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	34856.97	33886.11	35134.74	34625.94	1.89	ppb
Iron	57-2	34960.96	34037.94	34976.38	34658.43	1.55	ppb
Lead	206-1	517.43	505.90	522.96	515.43	1.69	ppb
Lead	207-1	517.14	503.91	517.28	512.78	1.50	ppb
Lead	208-1	515.05	507.42	519.09	513.85	1.15	ppb
Lithium	6-1						%
Magnesium	24-2	67339.79	65521.72	67886.57	66916.03	1.85	ppb
Manganese	55-2	1772.17	1733.15	1764.70	1756.68	1.18	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01A Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808A Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 17:39:18 DataFile Name : 072SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	503.14	499.62	506.37	503.04	0.67	ppb
Molybdenum	95-1	488.66	489.47	491.62	489.92	0.31	ppb
Molybdenum	96-1	493.33	496.36	493.97	494.55	0.32	ppb
Molybdenum	97-1	478.36	480.41	482.71	480.49	0.45	ppb
Molybdenum	98-1	490.26	498.66	495.81	494.91	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	590.73	573.09	585.37	583.06	1.55	ppb
Phosphorus	31-2	330.48	437.63	380.67	382.93	14.00	ppb
Potassium	39-2	26003.21	25405.54	25894.03	25767.59	1.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	574.25	479.38	482.49	512.04	10.53	ppb
Selenium	78-2	509.37	487.76	502.07	499.73	2.20	ppb
Selenium	82-1	504.68	497.94	502.96	501.86	0.70	ppb
Silicon	28-1	11357.98	11173.63	11624.78	11385.47	1.99	ppb
Silver	109-1	468.65	455.97	469.93	464.85	1.66	ppb
Silver	107-1	462.54	451.51	465.15	459.74	1.58	ppb
Sodium	23-2	95539.12	92204.80	95205.03	94316.31	1.95	ppb
Strontium	86-1	509.87	512.16	520.38	514.14	1.08	ppb
Strontium	88-1	519.11	522.41	527.20	522.90	0.78	ppb
Sulfur	34-1	8109.59	7846.17	8146.15	8033.97	2.04	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	535.11	523.31	536.82	531.75	1.38	ppb
Thallium	205-1	529.13	520.89	530.67	526.90	1.00	ppb
Tin	118-1	448.41	443.28	446.05	445.92	0.58	ppb
Titanium	47-1	466.80	462.70	472.63	467.38	1.07	ppb
Uranium	238-1	511.16	505.53	513.92	510.20	0.84	ppb
Vanadium	51-2	554.44	538.53	551.11	548.02	1.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1051.80	1008.25	1031.25	1030.44	2.11	ppb
Zirconium	90-1	498.65	503.16	504.25	502.02	0.59	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01A	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:39:18	DataFile Name :	072SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.95	501.72	504.84	502.51	0.41	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-04	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:42:17	DataFile Name :	073SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.89	5.67	-0.57	7.33	120.66	ppb
Antimony	121-1	1.31	1.40	1.35	1.35	3.33	ppb
Arsenic	75-2	7.96	7.76	7.62	7.78	2.19	ppb
Barium	135-1	98.49	100.40	101.51	100.13	1.52	ppb
Barium	137-1	98.94	101.11	101.95	100.66	1.54	ppb
Beryllium	9-1	0.18	0.23	0.18	0.20	14.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	368.50	357.72	370.78	365.67	1.91	ppb
Boron	11-1	379.02	379.80	378.78	379.20	0.14	ppb
Cadmium	111-1	-0.07	0.07	-0.03	-0.01		ppb
Cadmium	106-1	-2.41	-1.16	-2.15	-1.91		ppb
Cadmium	108-1	0.08	0.14	0.12	0.11	27.31	ppb
Calcium	43-1	143634.43	141140.22	140058.54	141611.06	1.29	ppb
Calcium	44-1	140120.86	140184.33	140194.64	140166.61	0.03	ppb
Chromium	52-2	0.50	0.55	0.46	0.50	8.94	ppb
Cobalt	59-2	0.40	0.44	0.41	0.41	4.79	ppb
Copper	63-2	3.10	3.09	3.01	3.07	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2959.54	2942.36	2905.90	2935.93	0.93	ppb
Iron	57-2	2864.22	2897.42	2852.56	2871.40	0.81	ppb
Lead	206-1	0.30	0.30	0.31	0.31	2.07	ppb
Lead	207-1	0.30	0.26	0.31	0.29	8.51	ppb
Lead	208-1	0.31	0.29	0.31	0.30	3.34	ppb
Lithium	6-1						%
Magnesium	24-2	25246.62	25017.68	25282.21	25182.17	0.57	ppb
Manganese	55-2	393.34	386.32	388.46	389.38	0.92	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-04	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:42:17	DataFile Name :	073SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.61	0.57	0.59	0.59	3.63	ppb
Molybdenum	95-1	1.67	1.78	1.69	1.71	3.50	ppb
Molybdenum	96-1	1.50	1.41	1.48	1.46	3.15	ppb
Molybdenum	97-1	1.84	1.82	1.85	1.84	0.74	ppb
Molybdenum	98-1	1.85	1.79	1.85	1.83	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.73	0.71	0.81	19.18	ppb
Phosphorus	31-2	174.24	140.62	90.17	135.01	31.34	ppb
Potassium	39-2	1952.64	1934.05	2009.56	1965.41	2.00	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	4.09	0.00	1.36	173.21	ppb
Selenium	78-2	1.27	1.97	1.30	1.51	25.95	ppb
Selenium	82-1	0.62	0.20	0.38	0.40	53.18	ppb
Silicon	28-1	10528.85	10486.38	10406.89	10474.04	0.59	ppb
Silver	109-1	0.23	0.25	0.25	0.24	4.20	ppb
Silver	107-1	0.25	0.24	0.24	0.24	3.08	ppb
Sodium	23-2	88270.08	86365.53	87350.10	87328.57	1.09	ppb
Strontium	86-1	810.39	813.38	813.86	812.54	0.23	ppb
Strontium	88-1	806.21	816.58	824.12	815.64	1.10	ppb
Sulfur	34-1	32190.70	31757.37	30897.34	31615.14	2.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.06	0.06	0.06	4.90	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	11.69	ppb
Tin	118-1	2.94	3.03	2.89	2.95	2.43	ppb
Titanium	47-1	0.65	0.52	0.71	0.63	15.89	ppb
Uranium	238-1	11.87	12.21	12.09	12.06	1.43	ppb
Vanadium	51-2	0.45	0.47	0.50	0.47	5.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.40	6.44	6.02	5.95	8.74	ppb
Zirconium	90-1	0.12	0.09	0.11	0.10	15.18	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-04	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:42:17	DataFile Name :	073SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.16	0.11	0.13	23.10	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:45:24	DataFile Name :	074CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46104.59	47987.07	46494.39	46862.02	2.12	ppb
Antimony	121-1	564.05	523.46	511.21	532.90	5.19	ppb
Arsenic	75-2	496.13	496.07	498.05	496.75	0.23	ppb
Barium	135-1	2686.96	2469.32	2394.60	2516.96	6.03	ppb
Barium	137-1	2641.02	2446.95	2384.20	2490.72	5.38	ppb
Beryllium	9-1	540.18	499.09	490.45	509.91	5.21	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	542.40	508.89	503.56	518.28	4.06	ppb
Boron	11-1	552.08	513.32	506.83	524.07	4.67	ppb
Cadmium	111-1	505.14	469.47	457.17	477.26	5.22	ppb
Cadmium	106-1	519.91	471.39	464.61	485.30	6.21	ppb
Cadmium	108-1	507.51	475.43	459.87	480.94	5.05	ppb
Calcium	43-1	261870.61	243945.16	237387.15	247734.30	5.12	ppb
Calcium	44-1	261380.45	243483.25	237366.36	247410.02	5.04	ppb
Chromium	52-2	511.26	532.61	509.96	517.94	2.46	ppb
Cobalt	59-2	500.39	522.41	501.20	508.00	2.46	ppb
Copper	63-2	1013.84	1068.00	1008.50	1030.11	3.20	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121489.71	126107.63	120315.48	122637.61	2.50	ppb
Iron	57-2	124560.10	128156.58	122481.88	125066.19	2.30	ppb
Lead	206-1	558.44	509.13	496.13	521.24	6.31	ppb
Lead	207-1	544.60	503.57	492.91	513.70	5.31	ppb
Lead	208-1	549.16	508.47	494.24	517.29	5.51	ppb
Lithium	6-1						%
Magnesium	24-2	237925.92	248058.14	238908.50	241630.85	2.31	ppb
Manganese	55-2	980.21	1025.48	984.07	996.59	2.52	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:45:24	DataFile Name :	074CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	532.37	504.97	482.40	506.58	4.94	ppb
Molybdenum	95-1	536.87	499.15	488.55	508.19	5.00	ppb
Molybdenum	96-1	539.97	506.94	491.60	512.84	4.82	ppb
Molybdenum	97-1	527.53	492.87	471.89	497.43	5.65	ppb
Molybdenum	98-1	536.72	505.48	481.16	507.79	5.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.22	528.74	508.12	514.36	2.43	ppb
Phosphorus	31-2	10359.07	9916.54	9089.66	9788.42	6.58	ppb
Potassium	39-2	117309.83	122126.88	118997.78	119478.17	2.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	458.51	494.34	523.86	492.24	6.65	ppb
Selenium	78-2	480.79	478.99	486.50	482.09	0.81	ppb
Selenium	82-1	520.12	484.53	471.24	491.96	5.14	ppb
Silicon	28-1	516.19	472.65	459.64	482.83	6.13	ppb
Silver	109-1	514.04	482.93	466.26	487.74	4.97	ppb
Silver	107-1	515.22	479.33	463.97	486.17	5.41	ppb
Sodium	23-2	241430.17	253088.47	240729.70	245082.78	2.83	ppb
Strontium	86-1	533.00	493.76	480.63	502.46	5.42	ppb
Strontium	88-1	535.33	505.41	490.19	510.31	4.50	ppb
Sulfur	34-1	10062.10	8524.93	7932.99	8840.01	12.43	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	551.42	510.01	497.49	519.64	5.43	ppb
Thallium	205-1	556.42	510.79	501.70	522.97	5.61	ppb
Tin	118-1	530.40	486.08	470.26	495.58	6.29	ppb
Titanium	47-1	519.74	493.74	475.08	496.19	4.52	ppb
Uranium	238-1	551.32	517.90	500.02	523.08	4.98	ppb
Vanadium	51-2	508.36	529.42	507.93	515.23	2.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	980.68	1019.11	977.36	992.38	2.34	ppb
Zirconium	90-1	534.46	507.49	486.99	509.65	4.67	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:45:24	DataFile Name :	074CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	535.45	503.89	488.77	509.37	4.68	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:48:23	DataFile Name :	075CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	1.92	0.91	0.90	113.95	ppb
Antimony	121-1	0.23	0.23	0.20	0.22	8.99	ppb
Arsenic	75-2	0.06	0.03	-0.01	0.02	141.20	ppb
Barium	135-1	0.03	0.04	0.01	0.03	63.26	ppb
Barium	137-1	0.03	-0.01	-0.01	0.00	573.08	ppb
Beryllium	9-1	0.19	0.18	0.10	0.16	30.78	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	22.99	20.54	18.99	20.84	9.67	ppb
Boron	11-1	20.93	21.05	19.56	20.51	4.05	ppb
Cadmium	111-1	0.00	0.00	0.08	0.03	193.85	ppb
Cadmium	106-1	-1.37	-1.08	0.56	-0.63		ppb
Cadmium	108-1	0.05	0.05	0.08	0.06	29.03	ppb
Calcium	43-1	5.24	-18.90	-21.34	-11.67		ppb
Calcium	44-1	-13.61	-18.40	-17.27	-16.43		ppb
Chromium	52-2	0.07	-0.01	0.03	0.03	150.81	ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	0.12	0.13	0.16	0.14	16.89	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.02	0.84	0.74	0.86	16.06	ppb
Iron	57-2	2.85	1.90	3.15	2.63	24.83	ppb
Lead	206-1	0.02	0.02	0.02	0.02	12.37	ppb
Lead	207-1	0.04	0.04	0.01	0.03	55.39	ppb
Lead	208-1	0.02	0.02	0.02	0.02	24.45	ppb
Lithium	6-1						%
Magnesium	24-2	3.49	0.44	-0.18	1.25	157.46	ppb
Manganese	55-2	-0.04	0.03	-0.05	-0.02		ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:48:23	DataFile Name :	075CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.04	0.03	0.04	29.66	ppb
Molybdenum	95-1	0.07	0.05	0.03	0.05	34.91	ppb
Molybdenum	96-1	0.09	0.05	0.05	0.06	38.05	ppb
Molybdenum	97-1	0.09	0.08	0.09	0.08	6.39	ppb
Molybdenum	98-1	0.07	0.05	0.05	0.06	16.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.27	-0.21	-0.24	-0.24		ppb
Phosphorus	31-2	-11.05	31.03	17.19	12.39	173.07	ppb
Potassium	39-2	-5.79	-5.00	-20.72	-10.50		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.15	1.46	0.39	0.57	144.95	ppb
Selenium	82-1	0.64	0.43	-0.37	0.23	228.75	ppb
Silicon	28-1	-16.94	-16.18	-16.55	-16.55		ppb
Silver	109-1	0.08	0.08	0.08	0.08	2.77	ppb
Silver	107-1	0.09	0.06	0.08	0.08	15.65	ppb
Sodium	23-2	20.11	23.95	22.67	22.24	8.80	ppb
Strontium	86-1	0.03	-0.04	-0.11	-0.04		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	163.50	ppb
Sulfur	34-1	-1945.96	-1814.20	-1881.27	-1880.48		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.06	0.03	0.06	43.91	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.59	ppb
Tin	118-1	0.06	0.03	0.03	0.04	45.16	ppb
Titanium	47-1	-0.02	0.10	0.01	0.03	193.27	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	126.20	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.25	0.02	0.23	0.17	74.89	ppb
Zirconium	90-1	0.03	0.02	0.04	0.03	20.42	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:48:23	DataFile Name :	075CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.03	0.04	19.30	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101424BL	Instrumnet Name :	P8
Client Sample ID :	PB101424BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:51:31	DataFile Name :	076CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	-1.08	-2.19	-1.11		ppb
Antimony	121-1	0.08	0.08	0.08	0.08	2.06	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.01	0.01	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.08	0.09	0.15	0.11	32.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.99	12.96	13.28	13.41	3.94	ppb
Boron	11-1	13.91	13.30	13.42	13.55	2.39	ppb
Cadmium	111-1	-0.01	-0.03	-0.08	-0.04		ppb
Cadmium	106-1	-0.50	-0.88	-1.35	-0.91		ppb
Cadmium	108-1	-0.01	0.05	0.05	0.03	110.96	ppb
Calcium	43-1	-19.96	-17.77	-14.63	-17.45		ppb
Calcium	44-1	-22.03	-21.85	-22.11	-21.99		ppb
Chromium	52-2	0.13	0.07	0.11	0.10	33.16	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.13	0.08	0.09	0.10	26.41	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.01	0.63	0.92	0.85	23.15	ppb
Iron	57-2	2.98	0.28	1.73	1.66	81.41	ppb
Lead	206-1	0.02	0.00	0.00	0.01	132.20	ppb
Lead	207-1	0.05	0.02	0.03	0.03	44.64	ppb
Lead	208-1	0.02	0.02	0.02	0.02	8.18	ppb
Lithium	6-1						%
Magnesium	24-2	1.63	0.14	-0.80	0.32	377.57	ppb
Manganese	55-2	0.04	0.00	0.03	0.02	83.47	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101424BL	Instrumnet Name :	P8
Client Sample ID :	PB101424BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:51:31	DataFile Name :	076CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.01	0.01	70.17	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	26.90	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	26.76	ppb
Molybdenum	97-1	0.05	0.05	0.04	0.05	10.54	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	70.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.20	-0.24	-0.26	-0.23		ppb
Phosphorus	31-2	32.03	-11.05	-11.05	3.31	751.18	ppb
Potassium	39-2	2.90	-5.94	-2.45	-1.83		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	6.81	2.27	173.21	ppb
Selenium	78-2	2.07	2.09	-0.14	1.34	95.93	ppb
Selenium	82-1	-1.06	0.48	0.00	-0.20		ppb
Silicon	28-1	-15.74	-14.81	-2.60	-11.05		ppb
Silver	109-1	0.05	0.04	0.06	0.05	10.91	ppb
Silver	107-1	0.04	0.06	0.04	0.05	20.98	ppb
Sodium	23-2	12.44	14.45	14.37	13.76	8.26	ppb
Strontium	86-1	-0.01	-0.05	-0.08	-0.05		ppb
Strontium	88-1	0.00	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	-1371.71	-1379.35	-1304.89	-1351.99		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.02	30.11	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	33.82	ppb
Tin	118-1	0.02	0.01	0.00	0.01	68.92	ppb
Titanium	47-1	0.02	0.03	-0.02	0.01	226.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	367.35	ppb
Vanadium	51-2	0.00	0.01	0.02	0.01	103.27	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.06	0.18	0.09	0.11	58.50	ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	37.39	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101424BL	Instrumnet Name :	P8
Client Sample ID :	PB101424BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:51:31	DataFile Name :	076CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.03	0.02	19.63	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101424BS	Instrumnet Name :	P8
Client Sample ID :	PB101424BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:54:40	DataFile Name :	077LCS6_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9097.43	9238.89	9119.58	9151.97	0.83	ppb
Antimony	121-1	475.12	476.39	470.17	473.89	0.69	ppb
Arsenic	75-2	491.14	493.09	495.96	493.40	0.49	ppb
Barium	135-1	2397.14	2403.87	2394.40	2398.47	0.20	ppb
Barium	137-1	2355.18	2353.49	2364.50	2357.72	0.25	ppb
Beryllium	9-1	477.45	463.37	468.28	469.70	1.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	449.11	450.27	460.85	453.41	1.43	ppb
Boron	11-1	455.90	460.49	467.89	461.43	1.31	ppb
Cadmium	111-1	466.25	465.60	469.75	467.20	0.48	ppb
Cadmium	106-1	474.48	485.60	483.93	481.34	1.25	ppb
Cadmium	108-1	479.64	468.16	475.30	474.37	1.22	ppb
Calcium	43-1	47568.31	47234.89	48086.65	47629.95	0.90	ppb
Calcium	44-1	47495.29	47469.37	48166.08	47710.25	0.83	ppb
Chromium	52-2	511.75	512.44	511.12	511.77	0.13	ppb
Cobalt	59-2	508.75	507.79	510.63	509.05	0.28	ppb
Copper	63-2	1041.28	1042.89	1047.94	1044.04	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25458.00	25532.44	25553.99	25514.81	0.20	ppb
Iron	57-2	25562.74	25544.31	25666.69	25591.25	0.26	ppb
Lead	206-1	475.43	475.66	476.83	475.97	0.16	ppb
Lead	207-1	481.66	478.66	473.06	477.79	0.91	ppb
Lead	208-1	479.96	476.35	479.05	478.45	0.39	ppb
Lithium	6-1						%
Magnesium	24-2	49283.82	49859.25	49735.61	49626.22	0.61	ppb
Manganese	55-2	984.45	996.14	997.62	992.74	0.73	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101424BS	Instrumnet Name :	P8
Client Sample ID :	PB101424BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:54:40	DataFile Name :	077LCS6_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	476.66	480.41	472.68	476.59	0.81	ppb
Molybdenum	95-1	481.93	477.16	476.48	478.52	0.62	ppb
Molybdenum	96-1	474.57	480.51	479.56	478.21	0.67	ppb
Molybdenum	97-1	463.52	469.06	466.37	466.32	0.59	ppb
Molybdenum	98-1	473.92	482.80	477.57	478.10	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.12	519.25	516.14	517.50	0.31	ppb
Phosphorus	31-2	8890.33	10075.24	10180.15	9715.24	7.37	ppb
Potassium	39-2	23984.84	23853.55	23952.17	23930.19	0.29	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	451.42	484.28	453.84	463.18	3.95	ppb
Selenium	78-2	502.25	492.81	479.45	491.50	2.33	ppb
Selenium	82-1	468.59	477.61	477.72	474.64	1.10	ppb
Silicon	28-1	445.82	448.54	456.41	450.26	1.22	ppb
Silver	109-1	479.61	476.37	482.65	479.54	0.65	ppb
Silver	107-1	475.73	481.31	477.99	478.34	0.59	ppb
Sodium	23-2	49212.22	50065.79	49467.52	49581.85	0.88	ppb
Strontium	86-1	461.58	467.42	461.85	463.61	0.71	ppb
Strontium	88-1	467.12	474.72	469.42	470.42	0.83	ppb
Sulfur	34-1	8228.43	8125.14	8494.01	8282.53	2.30	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	479.62	475.40	475.87	476.96	0.49	ppb
Thallium	205-1	480.39	477.86	477.80	478.68	0.31	ppb
Tin	118-1	477.41	480.99	476.63	478.34	0.49	ppb
Titanium	47-1	468.60	469.46	477.25	471.77	1.01	ppb
Uranium	238-1	466.13	464.89	466.86	465.96	0.21	ppb
Vanadium	51-2	505.30	506.46	508.13	506.63	0.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1019.77	1005.45	1008.91	1011.38	0.74	ppb
Zirconium	90-1	470.55	476.93	475.86	474.45	0.72	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101424BS	Instrumnet Name :	P8
Client Sample ID :	PB101424BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:54:40	DataFile Name :	077LCS6_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	480.20	483.51	478.51	480.74	0.53	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-05	Instrumnet Name :	P8
Client Sample ID :	SS042MW007-170809	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:57:39	DataFile Name :	078SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.21	47.95	38.73	44.30	11.05	ppb
Antimony	121-1	4.06	3.45	3.17	3.56	12.76	ppb
Arsenic	75-2	14.68	14.35	14.33	14.45	1.37	ppb
Barium	135-1	145.15	145.22	144.71	145.03	0.19	ppb
Barium	137-1	146.41	146.00	145.28	145.90	0.39	ppb
Beryllium	9-1	0.17	0.15	0.15	0.15	6.80	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	212.70	218.39	226.19	219.09	3.09	ppb
Boron	11-1	222.77	227.27	227.49	225.84	1.18	ppb
Cadmium	111-1	0.08	0.08	0.05	0.07	30.85	ppb
Cadmium	106-1	-2.07	-1.40	-1.40	-1.62		ppb
Cadmium	108-1	0.45	0.22	0.25	0.31	41.47	ppb
Calcium	43-1	125954.61	125963.08	127315.52	126411.07	0.62	ppb
Calcium	44-1	125065.52	125909.97	125655.55	125543.68	0.35	ppb
Chromium	52-2	1.03	0.89	0.87	0.93	9.30	ppb
Cobalt	59-2	0.14	0.12	0.09	0.12	21.08	ppb
Copper	63-2	2.59	2.70	2.58	2.62	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	7206.25	7265.08	7340.78	7270.70	0.93	ppb
Iron	57-2	7042.24	7177.42	7204.34	7141.33	1.22	ppb
Lead	206-1	0.27	0.26	0.23	0.26	7.77	ppb
Lead	207-1	0.30	0.30	0.23	0.28	13.77	ppb
Lead	208-1	0.27	0.26	0.23	0.26	9.43	ppb
Lithium	6-1						%
Magnesium	24-2	16430.08	16881.38	16863.05	16724.84	1.53	ppb
Manganese	55-2	628.81	649.04	645.50	641.12	1.69	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-05	Instrumnet Name :	P8
Client Sample ID :	SS042MW007-170809	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:57:39	DataFile Name :	078SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.07	1.18	1.06	1.10	6.14	ppb
Molybdenum	95-1	2.96	3.06	3.01	3.01	1.69	ppb
Molybdenum	96-1	2.52	2.68	2.69	2.63	3.76	ppb
Molybdenum	97-1	3.12	3.08	3.07	3.09	0.75	ppb
Molybdenum	98-1	3.05	3.03	3.14	3.07	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.46	1.43	1.31	1.40	5.83	ppb
Phosphorus	31-2	91.32	165.48	6.57	87.79	90.58	ppb
Potassium	39-2	2721.69	2796.61	2810.45	2776.25	1.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	4.16	1.39	173.21	ppb
Selenium	78-2	3.31	1.36	-0.70	1.32	151.37	ppb
Selenium	82-1	0.67	0.45	0.60	0.58	19.62	ppb
Silicon	28-1	11521.53	11559.08	11535.40	11538.67	0.16	ppb
Silver	109-1	0.32	0.33	0.34	0.33	3.98	ppb
Silver	107-1	0.35	0.31	0.32	0.33	5.24	ppb
Sodium	23-2	32112.21	32829.94	33317.33	32753.16	1.85	ppb
Strontium	86-1	629.04	623.65	615.39	622.69	1.10	ppb
Strontium	88-1	622.22	624.34	619.11	621.89	0.42	ppb
Sulfur	34-1	11804.62	11744.11	11646.26	11731.66	0.68	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.05	0.07	0.07	32.78	ppb
Thallium	205-1	0.08	0.07	0.05	0.07	21.00	ppb
Tin	118-1	3.49	3.22	3.06	3.26	6.73	ppb
Titanium	47-1	1.06	1.01	0.79	0.95	15.32	ppb
Uranium	238-1	0.50	0.49	0.52	0.50	2.47	ppb
Vanadium	51-2	0.27	0.28	0.28	0.28	2.80	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.39	6.63	6.99	6.67	4.55	ppb
Zirconium	90-1	0.16	0.14	0.16	0.15	5.91	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-05	Instrumnet Name :	P8
Client Sample ID :	SS042MW007-170809	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:57:39	DataFile Name :	078SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.21	0.19	0.20	5.97	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-06	Instrumnet Name :	P8
Client Sample ID :	DUP-0429-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:00:44	DataFile Name :	079SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.85	2.01	-3.06	3.27	215.41	ppb
Antimony	121-1	2.09	2.10	2.08	2.09	0.39	ppb
Arsenic	75-2	75.85	78.02	80.04	77.97	2.68	ppb
Barium	135-1	110.62	111.25	112.12	111.33	0.67	ppb
Barium	137-1	111.69	112.70	111.61	112.00	0.54	ppb
Beryllium	9-1	0.12	0.07	0.14	0.11	34.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	186.34	186.81	194.50	189.22	2.42	ppb
Boron	11-1	187.85	190.69	193.30	190.61	1.43	ppb
Cadmium	111-1	-0.05	-0.04	-0.01	-0.03		ppb
Cadmium	106-1	-1.55	-1.60	-0.52	-1.22		ppb
Cadmium	108-1	0.05	0.02	0.11	0.06	74.36	ppb
Calcium	43-1	110812.15	110533.56	110371.45	110572.39	0.20	ppb
Calcium	44-1	109679.97	106945.90	107163.49	107929.79	1.41	ppb
Chromium	52-2	1.66	1.89	1.93	1.83	7.96	ppb
Cobalt	59-2	0.57	0.54	0.55	0.55	2.59	ppb
Copper	63-2	2.50	2.65	2.71	2.62	4.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	8683.28	8796.26	8690.16	8723.23	0.73	ppb
Iron	57-2	8735.70	8720.91	8670.01	8708.87	0.40	ppb
Lead	206-1	0.16	0.16	0.14	0.15	8.79	ppb
Lead	207-1	0.14	0.12	0.16	0.14	13.95	ppb
Lead	208-1	0.15	0.13	0.15	0.14	8.06	ppb
Lithium	6-1						%
Magnesium	24-2	13520.21	13581.87	13396.41	13499.50	0.70	ppb
Manganese	55-2	764.63	762.11	754.74	760.49	0.68	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-06	Instrumnet Name :	P8
Client Sample ID :	DUP-0429-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:00:44	DataFile Name :	079SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.49	0.47	0.50	0.48	2.76	ppb
Molybdenum	95-1	1.48	1.53	1.47	1.50	1.99	ppb
Molybdenum	96-1	1.16	1.24	1.37	1.26	8.33	ppb
Molybdenum	97-1	1.45	1.39	1.46	1.43	2.44	ppb
Molybdenum	98-1	1.52	1.53	1.68	1.57	5.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.10	1.88	1.96	1.98	5.59	ppb
Phosphorus	31-2	279.05	450.07	429.89	386.34	24.19	ppb
Potassium	39-2	2385.50	2257.77	2353.34	2332.20	2.85	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	4.03	1.34	173.21	ppb
Selenium	78-2	0.62	1.31	-0.70	0.41	249.18	ppb
Selenium	82-1	-0.34	0.17	0.97	0.27	247.63	ppb
Silicon	28-1	11265.21	11047.84	11024.90	11112.65	1.19	ppb
Silver	109-1	0.21	0.17	0.17	0.18	12.82	ppb
Silver	107-1	0.22	0.20	0.16	0.19	13.91	ppb
Sodium	23-2	40969.82	41043.02	40442.91	40818.59	0.80	ppb
Strontium	86-1	508.85	508.03	509.58	508.82	0.15	ppb
Strontium	88-1	516.67	518.38	514.70	516.58	0.36	ppb
Sulfur	34-1	8488.37	8302.70	8086.40	8292.49	2.43	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.03	0.01	0.02	61.26	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	19.95	ppb
Tin	118-1	1.88	2.30	1.87	2.02	12.25	ppb
Titanium	47-1	0.63	0.55	0.67	0.62	9.65	ppb
Uranium	238-1	0.40	0.37	0.38	0.38	3.32	ppb
Vanadium	51-2	0.36	0.33	0.34	0.34	4.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.29	7.87	8.24	8.13	2.84	ppb
Zirconium	90-1	0.05	0.07	0.06	0.06	13.38	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-06	Instrumnet Name :	P8
Client Sample ID :	DUP-0429-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:00:44	DataFile Name :	079SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.07	0.09	0.09	22.49	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4712-01 Instrumnet Name : P8
 Client Sample ID : WP022RW349-170808 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 18:03:50 DataFile Name : 080SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99.14	79.87	71.28	83.43	17.10	ppb
Antimony	121-1	1.29	1.32	1.25	1.29	2.74	ppb
Arsenic	75-2	4.57	4.62	4.83	4.67	3.00	ppb
Barium	135-1	64.16	64.93	63.90	64.33	0.83	ppb
Barium	137-1	64.72	64.82	64.39	64.64	0.35	ppb
Beryllium	9-1	0.14	0.13	0.13	0.13	6.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	364.99	364.76	364.99	364.92	0.04	ppb
Boron	11-1	374.27	372.78	371.76	372.94	0.34	ppb
Cadmium	111-1	-0.01	-0.05	-0.01	-0.02		ppb
Cadmium	106-1	0.96	0.31	0.89	0.72	49.06	ppb
Cadmium	108-1	3.36	3.19	2.84	3.13	8.56	ppb
Calcium	43-1	708785.59	702039.34	704038.78	704954.57	0.49	ppb
Calcium	44-1	707768.00	709217.98	705586.98	707524.32	0.26	ppb
Chromium	52-2	38.99	39.07	40.55	39.54	2.21	ppb
Cobalt	59-2	1.31	1.37	1.29	1.32	3.33	ppb
Copper	63-2	4.35	4.83	5.26	4.82	9.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	648.96	650.25	676.73	658.65	2.38	ppb
Iron	57-2	633.94	679.32	701.22	671.49	5.11	ppb
Lead	206-1	0.40	0.38	0.38	0.39	2.80	ppb
Lead	207-1	0.42	0.40	0.43	0.42	3.61	ppb
Lead	208-1	0.40	0.39	0.42	0.40	4.08	ppb
Lithium	6-1						%
Magnesium	24-2	171427.10	172887.14	179240.80	174518.35	2.38	ppb
Manganese	55-2	140.65	141.22	148.75	143.54	3.15	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-01	Instrumnet Name :	P8
Client Sample ID :	WP022RW349-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:03:50	DataFile Name :	080SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.62	0.63	0.65	0.63	2.43	ppb
Molybdenum	95-1	0.48	0.52	0.54	0.52	6.15	ppb
Molybdenum	96-1	0.58	0.58	0.53	0.56	4.60	ppb
Molybdenum	97-1	0.52	0.57	0.53	0.54	4.68	ppb
Molybdenum	98-1	0.47	0.52	0.45	0.48	7.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.67	15.06	15.94	15.56	2.88	ppb
Phosphorus	31-2	96.46	148.88	98.37	114.57	25.95	ppb
Potassium	39-2	12710.68	12554.18	13033.45	12766.11	1.91	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	8.32	0.00	8.61	5.64	86.64	ppb
Selenium	78-2	2.01	1.35	1.41	1.59	23.05	ppb
Selenium	82-1	7.15	7.81	6.70	7.22	7.70	ppb
Silicon	28-1	8190.28	8221.17	8168.32	8193.25	0.32	ppb
Silver	109-1	0.43	0.42	0.43	0.42	1.60	ppb
Silver	107-1	0.38	0.38	0.44	0.40	9.55	ppb
Sodium	23-2	4088232.16	4141420.31	4296449.61	4175367.36	2.59	ppb
Strontium	86-1	1986.42	1977.74	1997.53	1987.23	0.50	ppb
Strontium	88-1	2020.13	2022.88	2028.48	2023.83	0.21	ppb
Sulfur	34-1	3825523.92	3834333.13	3828290.75	3829382.60	0.12	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.02	0.04	0.03	40.48	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	15.79	ppb
Tin	118-1	1.36	1.47	1.43	1.42	4.02	ppb
Titanium	47-1	6.12	2.41	2.82	3.79	53.71	ppb
Uranium	238-1	15.73	15.95	15.79	15.82	0.72	ppb
Vanadium	51-2	0.77	0.95	0.75	0.83	13.02	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	18.41	17.93	18.80	18.38	2.38	ppb
Zirconium	90-1	0.67	0.65	0.69	0.67	3.07	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-01	Instrumnet Name :	P8
Client Sample ID :	WP022RW349-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:03:50	DataFile Name :	080SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.67	0.60	0.66	0.64	5.70	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-02	Instrumnet Name :	P8
Client Sample ID :	WP022RW359-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:07:03	DataFile Name :	081SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.67	20.31	17.44	19.81	10.90	ppb
Antimony	121-1	2.41	2.66	2.90	2.66	9.29	ppb
Arsenic	75-2	10.05	10.05	10.20	10.10	0.87	ppb
Barium	135-1	30.72	30.73	31.04	30.83	0.60	ppb
Barium	137-1	31.19	31.34	30.86	31.13	0.77	ppb
Beryllium	9-1	0.08	0.06	0.08	0.08	13.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	366.10	359.07	374.11	366.43	2.05	ppb
Boron	11-1	376.37	381.35	388.24	381.98	1.56	ppb
Cadmium	111-1	7.00	7.00	7.05	7.02	0.43	ppb
Cadmium	106-1	8.68	7.02	7.46	7.72	11.14	ppb
Cadmium	108-1	7.76	7.42	7.26	7.48	3.41	ppb
Calcium	43-1	611393.19	606349.00	605792.57	607844.92	0.51	ppb
Calcium	44-1	609696.83	602597.22	602420.72	604904.92	0.69	ppb
Chromium	52-2	7.41	7.16	7.76	7.44	4.02	ppb
Cobalt	59-2	298.74	300.78	315.95	305.16	3.08	ppb
Copper	63-2	362.96	365.48	380.41	369.62	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	32780.15	32676.54	33995.68	33150.79	2.21	ppb
Iron	57-2	32619.60	32636.34	33963.65	33073.20	2.33	ppb
Lead	206-1	38.46	39.06	39.44	38.98	1.26	ppb
Lead	207-1	35.38	35.59	35.64	35.54	0.38	ppb
Lead	208-1	36.72	37.12	37.21	37.02	0.70	ppb
Lithium	6-1						%
Magnesium	24-2	150853.97	149744.97	154270.27	151623.07	1.56	ppb
Manganese	55-2	4723.20	4735.91	4938.19	4799.10	2.51	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-02	Instrumnet Name :	P8
Client Sample ID :	WP022RW359-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:07:03	DataFile Name :	081SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	8.35	8.24	8.53	8.37	1.75	ppb
Molybdenum	95-1	0.57	0.63	0.64	0.61	5.83	ppb
Molybdenum	96-1	2.50	2.38	2.40	2.43	2.75	ppb
Molybdenum	97-1	0.50	0.57	0.65	0.57	13.25	ppb
Molybdenum	98-1	0.61	0.54	0.61	0.59	6.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	936.98	938.79	980.70	952.15	2.60	ppb
Phosphorus	31-2	59.17	93.98	25.69	59.62	57.28	ppb
Potassium	39-2	3829.25	3747.69	3884.74	3820.56	1.80	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.00	3.98	0.00	2.66	86.60	ppb
Selenium	78-2	1.26	2.55	2.08	1.96	33.25	ppb
Selenium	82-1	2.53	2.37	1.60	2.17	23.10	ppb
Silicon	28-1	9472.20	9439.59	9420.75	9444.18	0.28	ppb
Silver	109-1	0.33	0.31	0.34	0.33	4.47	ppb
Silver	107-1	0.35	0.34	0.35	0.34	2.45	ppb
Sodium	23-2	1502797.44	1491896.51	1551134.74	1515276.23	2.08	ppb
Strontium	86-1	1421.24	1423.14	1426.60	1423.66	0.19	ppb
Strontium	88-1	1435.32	1419.95	1440.02	1431.76	0.73	ppb
Sulfur	34-1	1055332.47	1048386.85	1049728.91	1051149.41	0.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.12	0.13	0.13	3.35	ppb
Thallium	205-1	0.14	0.14	0.14	0.14	2.38	ppb
Tin	118-1	1.77	1.76	1.78	1.77	0.53	ppb
Titanium	47-1	0.87	1.14	1.05	1.02	13.54	ppb
Uranium	238-1	9.13	9.15	9.20	9.16	0.39	ppb
Vanadium	51-2	4.44	4.73	4.47	4.55	3.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	143.67	149.19	153.55	148.80	3.33	ppb
Zirconium	90-1	11.76	11.55	11.73	11.68	0.98	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-02	Instrumnet Name :	P8
Client Sample ID :	WP022RW359-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:07:03	DataFile Name :	081SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	11.60	11.43	12.03	11.69	2.66	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4712-03 Instrumnet Name : P8
 Client Sample ID : WP022MW102-170808 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 18:10:13 DataFile Name : 082SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	72.93	61.92	67.72	67.53	8.15	ppb
Antimony	121-1	1.91	1.87	1.90	1.90	1.00	ppb
Arsenic	75-2	17.46	18.70	18.34	18.17	3.52	ppb
Barium	135-1	50.69	51.02	53.12	51.61	2.55	ppb
Barium	137-1	50.48	52.26	52.23	51.65	1.98	ppb
Beryllium	9-1	0.10	0.09	0.09	0.09	8.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	298.52	312.60	320.00	310.37	3.52	ppb
Boron	11-1	307.88	316.12	322.33	315.44	2.30	ppb
Cadmium	111-1	-0.09	-0.05	-0.10	-0.08		ppb
Cadmium	106-1	-1.38	-1.00	-1.49	-1.29		ppb
Cadmium	108-1	0.08	0.18	0.05	0.10	63.49	ppb
Calcium	43-1	329548.29	335500.58	340582.82	335210.57	1.65	ppb
Calcium	44-1	329435.75	334223.10	344332.71	335997.19	2.26	ppb
Chromium	52-2	3.29	3.05	2.96	3.10	5.55	ppb
Cobalt	59-2	12.64	12.63	12.61	12.62	0.12	ppb
Copper	63-2	4.18	3.99	3.94	4.04	3.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24459.36	23620.55	23660.32	23913.41	1.98	ppb
Iron	57-2	23743.22	23486.39	23727.65	23652.42	0.61	ppb
Lead	206-1	1.07	1.06	1.11	1.08	2.33	ppb
Lead	207-1	0.98	1.02	1.12	1.04	6.79	ppb
Lead	208-1	1.01	1.02	1.08	1.04	3.85	ppb
Lithium	6-1						%
Magnesium	24-2	50599.48	49342.60	50298.27	50080.12	1.31	ppb
Manganese	55-2	1246.78	1217.24	1215.57	1226.53	1.43	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-03	Instrumnet Name :	P8
Client Sample ID :	WP022MW102-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:10:13	DataFile Name :	082SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.81	0.87	0.80	0.83	4.51	ppb
Molybdenum	95-1	1.35	1.31	1.28	1.31	2.75	ppb
Molybdenum	96-1	1.24	1.25	1.17	1.22	3.57	ppb
Molybdenum	97-1	1.27	1.40	1.38	1.35	5.30	ppb
Molybdenum	98-1	1.33	1.39	1.33	1.35	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.66	60.85	59.09	60.53	2.17	ppb
Phosphorus	31-2	114.91	78.44	169.19	120.84	37.79	ppb
Potassium	39-2	5256.69	5200.94	5212.60	5223.41	0.56	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	8.70	4.29	4.33	100.48	ppb
Selenium	78-2	0.69	0.01	0.70	0.47	84.83	ppb
Selenium	82-1	1.37	2.08	1.74	1.73	20.55	ppb
Silicon	28-1	12815.47	13144.48	13361.01	13106.99	2.10	ppb
Silver	109-1	0.29	0.25	0.26	0.27	7.05	ppb
Silver	107-1	0.27	0.27	0.26	0.27	1.68	ppb
Sodium	23-2	194436.54	189196.60	193589.59	192407.58	1.46	ppb
Strontium	86-1	1186.15	1207.63	1229.55	1207.78	1.80	ppb
Strontium	88-1	1174.91	1217.39	1238.67	1210.33	2.68	ppb
Sulfur	34-1	188408.34	191901.04	193878.65	191396.01	1.45	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.04	0.04	6.39	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	8.48	ppb
Tin	118-1	1.43	1.58	1.72	1.58	9.08	ppb
Titanium	47-1	2.10	1.87	2.70	2.22	19.30	ppb
Uranium	238-1	1.15	1.17	1.24	1.19	4.11	ppb
Vanadium	51-2	4.40	4.85	4.39	4.55	5.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.77	12.42	11.74	11.97	3.20	ppb
Zirconium	90-1	0.63	0.65	0.61	0.63	3.72	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-03	Instrumnet Name :	P8
Client Sample ID :	WP022MW102-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:10:13	DataFile Name :	082SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.54	0.64	0.57	0.58	9.07	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4712-04 Instrumnet Name : P8
 Client Sample ID : WP022RW358-170808 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 18:13:18 DataFile Name : 083SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71.54	61.30	84.34	72.39	15.95	ppb
Antimony	121-1	1.57	1.50	1.48	1.52	2.87	ppb
Arsenic	75-2	5.62	5.76	5.53	5.64	2.06	ppb
Barium	135-1	129.92	128.21	127.76	128.63	0.89	ppb
Barium	137-1	129.41	129.89	127.61	128.97	0.94	ppb
Beryllium	9-1	0.10	0.04	0.05	0.06	53.55	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	137.47	137.77	135.89	137.04	0.73	ppb
Boron	11-1	137.22	138.90	137.83	137.98	0.62	ppb
Cadmium	111-1	-0.07	0.01	-0.03	-0.03		ppb
Cadmium	106-1	-2.40	-0.92	-1.59	-1.64		ppb
Cadmium	108-1	0.14	0.08	0.08	0.10	36.19	ppb
Calcium	43-1	128365.71	128666.36	129763.75	128931.94	0.57	ppb
Calcium	44-1	128282.08	129383.34	127681.84	128449.08	0.67	ppb
Chromium	52-2	0.77	0.67	0.75	0.73	7.05	ppb
Cobalt	59-2	2.11	2.16	2.19	2.15	1.76	ppb
Copper	63-2	4.51	4.42	4.31	4.42	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1211.14	1225.32	1234.73	1223.73	0.97	ppb
Iron	57-2	1209.98	1218.37	1272.66	1233.67	2.76	ppb
Lead	206-1	0.39	0.45	0.44	0.43	7.84	ppb
Lead	207-1	0.36	0.40	0.37	0.38	5.03	ppb
Lead	208-1	0.40	0.42	0.42	0.41	1.94	ppb
Lithium	6-1						%
Magnesium	24-2	17734.83	18089.22	18092.11	17972.05	1.14	ppb
Manganese	55-2	615.65	617.25	629.29	620.73	1.20	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-04	Instrumnet Name :	P8
Client Sample ID :	WP022RW358-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:13:18	DataFile Name :	083SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.40	0.40	0.42	0.40	2.63	ppb
Molybdenum	95-1	0.91	1.00	1.05	0.99	6.88	ppb
Molybdenum	96-1	0.80	0.87	0.88	0.85	4.81	ppb
Molybdenum	97-1	1.00	1.00	1.02	1.01	1.32	ppb
Molybdenum	98-1	1.03	0.99	1.02	1.01	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.35	9.97	10.19	10.17	1.87	ppb
Phosphorus	31-2	249.50	219.42	257.10	242.01	8.23	ppb
Potassium	39-2	8659.27	9042.43	8881.00	8860.90	2.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.03	-0.01	2.07	1.37	87.32	ppb
Selenium	82-1	1.72	-0.01	1.23	0.98	91.37	ppb
Silicon	28-1	6583.10	6672.29	6709.72	6655.04	0.98	ppb
Silver	109-1	0.23	0.21	0.24	0.22	7.03	ppb
Silver	107-1	0.21	0.23	0.20	0.21	5.87	ppb
Sodium	23-2	57551.90	58508.48	58365.28	58141.89	0.89	ppb
Strontium	86-1	585.05	571.55	592.45	583.02	1.82	ppb
Strontium	88-1	592.46	589.97	588.30	590.24	0.36	ppb
Sulfur	34-1	46644.89	46402.07	46490.55	46512.50	0.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.05	0.05	5.46	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	14.00	ppb
Tin	118-1	1.27	1.30	1.30	1.29	1.42	ppb
Titanium	47-1	1.77	1.40	1.60	1.59	11.65	ppb
Uranium	238-1	2.17	2.16	2.21	2.18	1.26	ppb
Vanadium	51-2	1.91	1.75	1.91	1.86	5.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	18.71	17.58	18.73	18.34	3.60	ppb
Zirconium	90-1	0.12	0.15	0.12	0.13	12.55	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-04	Instrumnet Name :	P8
Client Sample ID :	WP022RW358-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:13:18	DataFile Name :	083SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.14	0.09	0.12	23.25	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4712-06 Instrumnet Name : P8
 Client Sample ID : WP022RW359-170808 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 18:16:25 DataFile Name : 084SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.39	2.50	1.13	2.01	38.04	ppb
Antimony	121-1	2.06	2.20	2.40	2.22	7.72	ppb
Arsenic	75-2	5.37	4.93	4.94	5.08	4.97	ppb
Barium	135-1	28.35	28.31	29.61	28.76	2.58	ppb
Barium	137-1	28.24	27.60	30.13	28.65	4.59	ppb
Beryllium	9-1	0.08	0.03	0.07	0.06	49.48	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	350.19	356.01	355.88	354.03	0.94	ppb
Boron	11-1	355.46	359.57	374.20	363.07	2.71	ppb
Cadmium	111-1	5.92	5.81	6.55	6.10	6.56	ppb
Cadmium	106-1	5.46	6.21	7.44	6.37	15.72	ppb
Cadmium	108-1	7.22	7.74	7.63	7.53	3.66	ppb
Calcium	43-1	598426.96	596056.68	653468.91	615984.18	5.27	ppb
Calcium	44-1	599057.15	601781.04	651968.38	617602.19	4.82	ppb
Chromium	52-2	4.76	4.94	4.49	4.73	4.77	ppb
Cobalt	59-2	287.91	295.01	295.50	292.80	1.45	ppb
Copper	63-2	322.13	332.43	334.90	329.82	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	19637.36	20224.93	20250.34	20037.55	1.73	ppb
Iron	57-2	19522.45	19955.10	20261.92	19913.16	1.87	ppb
Lead	206-1	26.99	27.50	29.15	27.88	4.04	ppb
Lead	207-1	24.20	24.97	26.49	25.22	4.62	ppb
Lead	208-1	25.62	26.03	27.46	26.37	3.66	ppb
Lithium	6-1						%
Magnesium	24-2	141170.16	142755.20	144875.76	142933.71	1.30	ppb
Manganese	55-2	4672.84	4782.72	4780.56	4745.37	1.32	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-06	Instrumnet Name :	P8
Client Sample ID :	WP022RW359-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:16:25	DataFile Name :	084SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	7.41	7.58	8.03	7.67	4.22	ppb
Molybdenum	95-1	0.51	0.50	0.60	0.54	9.62	ppb
Molybdenum	96-1	2.18	2.35	2.31	2.28	3.98	ppb
Molybdenum	97-1	0.58	0.62	0.63	0.61	4.23	ppb
Molybdenum	98-1	0.54	0.56	0.59	0.56	4.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	871.78	893.90	888.51	884.73	1.30	ppb
Phosphorus	31-2	43.29	44.14	135.91	74.45	71.50	ppb
Potassium	39-2	3445.09	3589.78	3481.29	3505.39	2.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	8.56	0.00	0.00	2.85	173.21	ppb
Selenium	78-2	2.79	-0.02	4.07	2.28	91.63	ppb
Selenium	82-1	2.45	1.81	1.70	1.99	20.21	ppb
Silicon	28-1	9240.58	9251.30	10018.60	9503.49	4.69	ppb
Silver	109-1	0.17	0.21	0.20	0.19	10.35	ppb
Silver	107-1	0.18	0.21	0.20	0.20	7.13	ppb
Sodium	23-2	1371324.69	1397219.20	1406360.75	1391634.88	1.31	ppb
Strontium	86-1	1413.89	1446.83	1512.62	1457.78	3.45	ppb
Strontium	88-1	1418.19	1432.50	1522.65	1457.78	3.88	ppb
Sulfur	34-1	988476.44	982136.84	1071676.87	1014096.72	4.93	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.13	0.13	0.13	1.31	ppb
Thallium	205-1	0.11	0.11	0.12	0.11	3.57	ppb
Tin	118-1	1.39	1.42	1.58	1.47	6.95	ppb
Titanium	47-1	0.81	0.75	0.84	0.80	6.12	ppb
Uranium	238-1	8.38	8.46	9.17	8.67	5.02	ppb
Vanadium	51-2	2.65	2.74	2.82	2.74	3.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	136.65	140.92	141.41	139.66	1.87	ppb
Zirconium	90-1	10.80	10.77	11.39	10.99	3.15	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-06	Instrumnet Name :	P8
Client Sample ID :	WP022RW359-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:16:25	DataFile Name :	084SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	10.66	10.89	11.65	11.07	4.66	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01DLX20 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808DL Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:19:33 DataFile Name : 085SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.77	-1.88	-1.91	-0.67		ppb
Antimony	121-1	0.17	0.14	0.14	0.15	10.70	ppb
Arsenic	75-2	4.06	4.17	4.31	4.18	3.02	ppb
Barium	135-1	5.41	5.72	6.08	5.73	5.84	ppb
Barium	137-1	5.43	5.67	5.98	5.69	4.90	ppb
Beryllium	9-1	0.05	0.07	0.04	0.05	29.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	23.66	24.60	26.98	25.08	6.83	ppb
Boron	11-1	26.05	25.05	26.92	26.01	3.60	ppb
Cadmium	111-1	-0.15	-0.09	-0.05	-0.10		ppb
Cadmium	106-1	-2.03	-1.16	-0.52	-1.24		ppb
Cadmium	108-1	-0.07	-0.07	0.06	-0.03		ppb
Calcium	43-1	5430.91	5397.53	5937.96	5588.80	5.42	ppb
Calcium	44-1	5584.95	5556.12	6177.05	5772.71	6.07	ppb
Chromium	52-2	0.13	0.20	0.13	0.15	24.88	ppb
Cobalt	59-2	0.02	0.03	0.01	0.02	44.23	ppb
Copper	63-2	0.30	0.32	0.26	0.29	9.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	440.14	442.02	443.91	442.02	0.43	ppb
Iron	57-2	444.06	436.95	460.44	447.15	2.69	ppb
Lead	206-1	0.01	0.01	0.03	0.01	74.17	ppb
Lead	207-1	0.02	0.04	0.03	0.03	24.74	ppb
Lead	208-1	0.02	0.02	0.02	0.02	6.65	ppb
Lithium	6-1						%
Magnesium	24-2	723.00	678.63	694.85	698.83	3.21	ppb
Manganese	55-2	38.62	38.60	39.25	38.82	0.95	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01DLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:19:33	DataFile Name :	085SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.02	0.04	0.03	53.15	ppb
Molybdenum	95-1	0.06	0.09	0.07	0.07	22.68	ppb
Molybdenum	96-1	0.07	0.08	0.09	0.08	15.90	ppb
Molybdenum	97-1	0.08	0.12	0.18	0.13	40.55	ppb
Molybdenum	98-1	0.08	0.08	0.09	0.08	11.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.13	-0.10	-0.12		ppb
Phosphorus	31-2	54.69	21.75	5.19	27.21	92.61	ppb
Potassium	39-2	118.94	130.12	109.97	119.67	8.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	7.67	0.00	2.56	173.21	ppb
Selenium	78-2	-0.08	0.55	1.81	0.76	126.10	ppb
Selenium	82-1	0.04	1.55	-0.59	0.33	330.03	ppb
Silicon	28-1	552.37	570.07	627.86	583.43	6.77	ppb
Silver	109-1	0.07	0.07	0.07	0.07	6.24	ppb
Silver	107-1	0.05	0.05	0.08	0.06	34.16	ppb
Sodium	23-2	2228.86	2221.92	2177.58	2209.45	1.26	ppb
Strontium	86-1	25.41	26.08	27.75	26.41	4.56	ppb
Strontium	88-1	25.65	26.05	28.37	26.69	5.49	ppb
Sulfur	34-1	-106.26	-7.87	1187.05	357.64	201.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	3031.69	ppb
Tin	118-1	0.01	0.04	0.04	0.03	43.14	ppb
Titanium	47-1	0.07	-0.01	0.10	0.05	113.39	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.97	ppb
Vanadium	51-2	0.03	0.05	0.02	0.03	39.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.29	0.49	0.24	0.34	38.08	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00		ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01DLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:19:33	DataFile Name :	085SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.00	0.01	109.69	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:28:53	DataFile Name :	088CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46631.69	45553.15	46131.54	46105.46	1.17	ppb
Antimony	121-1	515.02	508.81	509.83	511.22	0.65	ppb
Arsenic	75-2	490.60	495.41	486.65	490.89	0.89	ppb
Barium	135-1	2314.81	2296.99	2288.02	2299.94	0.59	ppb
Barium	137-1	2272.25	2255.06	2238.56	2255.29	0.75	ppb
Beryllium	9-1	477.85	473.51	482.05	477.80	0.89	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	466.16	471.62	484.89	474.23	2.03	ppb
Boron	11-1	471.69	465.80	481.27	472.92	1.65	ppb
Cadmium	111-1	429.43	429.85	426.01	428.43	0.49	ppb
Cadmium	106-1	430.10	434.75	429.25	431.37	0.69	ppb
Cadmium	108-1	435.61	433.32	432.47	433.80	0.37	ppb
Calcium	43-1	228590.18	229983.30	230016.87	229530.12	0.35	ppb
Calcium	44-1	231260.08	232309.29	230411.43	231326.93	0.41	ppb
Chromium	52-2	514.93	509.61	509.87	511.47	0.59	ppb
Cobalt	59-2	511.73	502.34	505.72	506.59	0.94	ppb
Copper	63-2	1039.55	1023.56	1024.45	1029.19	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	122416.81	121024.32	120504.48	121315.20	0.82	ppb
Iron	57-2	125740.94	122735.80	124499.74	124325.50	1.21	ppb
Lead	206-1	480.12	495.08	484.70	486.63	1.57	ppb
Lead	207-1	489.06	482.68	478.27	483.34	1.12	ppb
Lead	208-1	484.66	489.33	484.45	486.15	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	245343.42	240195.24	242950.12	242829.59	1.06	ppb
Manganese	55-2	980.44	971.64	971.71	974.60	0.52	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:28:53	DataFile Name :	088CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	484.11	481.54	479.50	481.72	0.48	ppb
Molybdenum	95-1	480.78	482.12	480.22	481.04	0.20	ppb
Molybdenum	96-1	483.78	484.56	482.53	483.62	0.21	ppb
Molybdenum	97-1	469.94	469.49	470.47	469.97	0.10	ppb
Molybdenum	98-1	485.05	481.23	478.22	481.50	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.37	503.08	509.84	510.10	1.40	ppb
Phosphorus	31-2	9746.24	10175.37	9261.54	9727.72	4.70	ppb
Potassium	39-2	117804.24	117783.21	116578.00	117388.48	0.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	457.81	508.54	514.65	493.66	6.32	ppb
Selenium	78-2	468.41	480.27	467.94	472.21	1.48	ppb
Selenium	82-1	464.59	457.32	460.05	460.65	0.80	ppb
Silicon	28-1	429.80	434.92	438.25	434.32	0.98	ppb
Silver	109-1	438.40	439.84	436.19	438.15	0.42	ppb
Silver	107-1	441.27	440.37	432.32	437.99	1.13	ppb
Sodium	23-2	252405.95	247634.99	245824.44	248621.79	1.37	ppb
Strontium	86-1	470.79	468.56	470.15	469.83	0.24	ppb
Strontium	88-1	478.76	476.13	476.01	476.97	0.33	ppb
Sulfur	34-1	8176.88	8128.25	8188.69	8164.61	0.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	484.99	491.02	487.29	487.77	0.62	ppb
Thallium	205-1	489.23	492.77	492.77	491.59	0.42	ppb
Tin	118-1	443.61	449.36	443.10	445.36	0.78	ppb
Titanium	47-1	459.59	460.51	461.23	460.45	0.18	ppb
Uranium	238-1	492.26	488.42	493.70	491.46	0.56	ppb
Vanadium	51-2	517.06	504.36	512.65	511.36	1.26	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	985.78	979.53	971.79	979.03	0.72	ppb
Zirconium	90-1	477.30	477.35	472.74	475.80	0.56	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:28:53	DataFile Name :	088CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	478.63	477.24	482.62	479.50	0.58	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:32:16	DataFile Name :	089CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.74	-1.96	-3.13	-1.94		ppb
Antimony	121-1	0.12	0.12	0.14	0.13	6.26	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	2.32	ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.13	0.13	0.13	0.13	1.53	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.53	15.32	15.88	15.24	4.44	ppb
Boron	11-1	15.63	14.35	13.84	14.61	6.32	ppb
Cadmium	111-1	-0.11	-0.04	-0.17	-0.11		ppb
Cadmium	106-1	-1.78	-1.03	-2.78	-1.86		ppb
Cadmium	108-1	0.02	-0.01	0.11	0.04	168.88	ppb
Calcium	43-1	-11.80	-9.31	-17.06	-12.72		ppb
Calcium	44-1	-6.91	-6.06	-8.25	-7.07		ppb
Chromium	52-2	0.00	0.10	0.12	0.07	89.15	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.20	0.21	0.20	0.20	4.16	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.99	0.43	0.64	0.69	41.26	ppb
Iron	57-2	4.24	-0.63	1.12	1.58	156.36	ppb
Lead	206-1	0.06	0.05	0.05	0.05	13.04	ppb
Lead	207-1	0.06	0.05	0.08	0.07	20.08	ppb
Lead	208-1	0.06	0.06	0.06	0.06	6.78	ppb
Lithium	6-1						%
Magnesium	24-2	1.74	1.19	1.23	1.39	21.94	ppb
Manganese	55-2	0.09	0.12	-0.04	0.06	157.50	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:32:16	DataFile Name :	089CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.03	0.01	0.02	36.50	ppb
Molybdenum	95-1	0.03	0.04	0.03	0.03	16.61	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.06	7.53	ppb
Molybdenum	97-1	0.07	0.04	0.04	0.05	37.96	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	13.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.19	-0.24	-0.23		ppb
Phosphorus	31-2	-11.05	-11.05	-11.05	-11.05		ppb
Potassium	39-2	14.96	23.06	36.79	24.94	44.25	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.08	1.78	0.53	0.74	127.52	ppb
Selenium	82-1	-0.27	0.39	-0.24	-0.04		ppb
Silicon	28-1	-15.26	-15.96	-11.32	-14.18		ppb
Silver	109-1	0.06	0.08	0.07	0.07	12.31	ppb
Silver	107-1	0.07	0.08	0.06	0.07	15.60	ppb
Sodium	23-2	140.04	131.36	135.41	135.60	3.20	ppb
Strontium	86-1	0.02	0.02	0.00	0.01	71.82	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1132.54	-1184.21	-1015.33	-1110.69		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.05	0.05	0.04	21.75	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	13.52	ppb
Tin	118-1	0.04	0.04	0.04	0.04	10.64	ppb
Titanium	47-1	-0.01	0.05	0.03	0.02	150.95	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	131.70	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	184.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.02	-0.07	0.19	0.03	445.96	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	18.85	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:32:16	DataFile Name :	089CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.04	0.04	4.15	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01DUPDLX20 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808DL Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:35:26 DataFile Name : 090SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.93	3.99	-1.85	0.07	4946.54	ppb
Antimony	121-1	0.27	0.26	0.23	0.26	7.44	ppb
Arsenic	75-2	4.13	4.27	4.29	4.23	2.12	ppb
Barium	135-1	5.77	5.67	5.75	5.73	0.90	ppb
Barium	137-1	5.92	5.80	5.94	5.88	1.30	ppb
Beryllium	9-1	0.14	0.12	0.12	0.13	11.39	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	17.72	19.01	21.80	19.51	10.67	ppb
Boron	11-1	19.93	20.08	19.58	19.86	1.28	ppb
Cadmium	111-1	-0.07	-0.03	-0.07	-0.05		ppb
Cadmium	106-1	-1.30	-0.61	-1.46	-1.12		ppb
Cadmium	108-1	0.02	-0.04	0.02	0.00		ppb
Calcium	43-1	5632.33	5580.90	5603.24	5605.49	0.46	ppb
Calcium	44-1	5794.72	5796.80	5782.21	5791.24	0.14	ppb
Chromium	52-2	0.09	0.16	0.16	0.13	30.10	ppb
Cobalt	59-2	0.00	0.03	0.03	0.02	76.92	ppb
Copper	63-2	0.37	0.37	0.38	0.37	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	455.77	447.12	475.21	459.36	3.13	ppb
Iron	57-2	445.02	442.18	459.91	449.03	2.12	ppb
Lead	206-1	0.02	0.04	0.03	0.03	38.68	ppb
Lead	207-1	0.04	0.03	0.05	0.04	18.45	ppb
Lead	208-1	0.03	0.03	0.04	0.03	15.52	ppb
Lithium	6-1						%
Magnesium	24-2	725.99	719.39	767.21	737.53	3.51	ppb
Manganese	55-2	40.71	40.25	42.53	41.16	2.92	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:35:26	DataFile Name :	090SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.04	0.05	0.05	23.36	ppb
Molybdenum	95-1	0.10	0.08	0.08	0.09	14.39	ppb
Molybdenum	96-1	0.11	0.07	0.06	0.08	31.67	ppb
Molybdenum	97-1	0.11	0.14	0.13	0.13	10.33	ppb
Molybdenum	98-1	0.07	0.08	0.07	0.07	9.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.09	-0.13	-0.12		ppb
Phosphorus	31-2	37.19	53.01	22.18	37.46	41.15	ppb
Potassium	39-2	142.22	154.96	171.44	156.21	9.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.80	0.00	1.27	173.21	ppb
Selenium	78-2	1.17	0.54	1.22	0.97	38.73	ppb
Selenium	82-1	-0.51	-0.01	-0.09	-0.20		ppb
Silicon	28-1	579.71	570.78	574.03	574.84	0.79	ppb
Silver	109-1	0.13	0.13	0.11	0.12	7.17	ppb
Silver	107-1	0.13	0.13	0.13	0.13	1.33	ppb
Sodium	23-2	2237.84	2261.44	2351.21	2283.50	2.62	ppb
Strontium	86-1	26.50	26.19	26.13	26.27	0.75	ppb
Strontium	88-1	26.88	27.21	26.98	27.02	0.63	ppb
Sulfur	34-1	-601.48	-529.87	-625.23	-585.53		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.04	0.04	2.45	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	7.99	ppb
Tin	118-1	0.08	0.04	0.02	0.05	72.70	ppb
Titanium	47-1	0.08	0.02	0.08	0.06	54.32	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	14.63	ppb
Vanadium	51-2	0.00	0.03	0.01	0.01	80.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.43	0.02	0.17	0.20	100.75	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	14.79	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:35:26	DataFile Name :	090SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.04	0.03	37.86	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01LDLX100 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808LC Dilution Factor : 100
 Date & Time Acquired :: 2017-08-10 18:38:39 DataFile Name : 091SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.31	-0.78	0.44	-1.55		ppb
Antimony	121-1	0.04	0.04	0.06	0.04	21.42	ppb
Arsenic	75-2	0.78	0.68	0.84	0.77	10.71	ppb
Barium	135-1	1.22	1.06	0.99	1.09	10.93	ppb
Barium	137-1	1.01	1.09	1.17	1.09	7.24	ppb
Beryllium	9-1	0.09	0.07	0.08	0.08	12.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.64	9.52	9.98	9.71	2.44	ppb
Boron	11-1	10.27	9.89	10.38	10.18	2.53	ppb
Cadmium	111-1	-0.08	-0.13	-0.02	-0.08		ppb
Cadmium	106-1	-1.12	-1.89	-0.52	-1.18		ppb
Cadmium	108-1	-0.01	0.02	0.05	0.02	157.03	ppb
Calcium	43-1	1065.70	990.69	972.77	1009.72	4.88	ppb
Calcium	44-1	1072.80	1033.25	1040.51	1048.86	2.01	ppb
Chromium	52-2	0.08	0.10	0.11	0.09	15.74	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.20	0.21	0.24	0.21	9.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	84.19	83.70	85.68	84.53	1.22	ppb
Iron	57-2	81.27	84.31	71.59	79.06	8.40	ppb
Lead	206-1	0.04	0.02	0.02	0.02	52.41	ppb
Lead	207-1	0.06	0.04	0.02	0.04	42.70	ppb
Lead	208-1	0.04	0.03	0.02	0.03	29.18	ppb
Lithium	6-1						%
Magnesium	24-2	138.55	135.57	139.35	137.82	1.45	ppb
Manganese	55-2	7.07	7.14	7.33	7.18	1.90	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808LC	Dilution Factor :	100
Date & Time Acquired ::	2017-08-10 18:38:39	DataFile Name :	091SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.02	0.01	98.05	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.01	38.05	ppb
Molybdenum	96-1	0.03	0.01	0.04	0.03	45.19	ppb
Molybdenum	97-1	0.05	0.08	0.05	0.06	26.76	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	23.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.27	-0.16	-0.20		ppb
Phosphorus	31-2	-11.05	4.86	53.13	15.65	213.57	ppb
Potassium	39-2	26.58	13.48	22.46	20.84	32.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.15	0.51	0.53	0.73	49.81	ppb
Selenium	82-1	-0.79	-0.33	0.75	-0.12		ppb
Silicon	28-1	138.12	128.26	133.32	133.24	3.70	ppb
Silver	109-1	0.05	0.05	0.04	0.05	8.07	ppb
Silver	107-1	0.04	0.05	0.04	0.05	15.31	ppb
Sodium	23-2	497.16	490.40	486.07	491.21	1.14	ppb
Strontium	86-1	5.02	5.06	4.74	4.94	3.53	ppb
Strontium	88-1	5.14	4.93	4.84	4.97	3.13	ppb
Sulfur	34-1	-516.92	-1048.13	-858.86	-807.97		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.00	154.91	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	49.52	ppb
Tin	118-1	-0.01	0.01	0.01	0.00	281.02	ppb
Titanium	47-1	0.05	0.03	0.03	0.04	28.17	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	82.49	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	23.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.48	0.59	0.42	0.50	16.56	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	19.85	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808LC	Dilution Factor :	100
Date & Time Acquired ::	2017-08-10 18:38:39	DataFile Name :	091SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.05	0.02	139.07	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-02DLX20 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808M Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:41:48 DataFile Name : 092SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	507.42	479.32	503.76	496.83	3.07	ppb
Antimony	121-1	24.46	25.82	24.58	24.95	3.01	ppb
Arsenic	75-2	30.38	29.44	31.94	30.59	4.13	ppb
Barium	135-1	122.62	129.36	125.61	125.86	2.68	ppb
Barium	137-1	124.03	132.42	123.80	126.75	3.87	ppb
Beryllium	9-1	25.62	27.70	25.90	26.41	4.29	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	38.81	39.58	41.21	39.87	3.08	ppb
Boron	11-1	37.83	40.44	39.23	39.17	3.32	ppb
Cadmium	111-1	24.47	25.65	24.56	24.89	2.66	ppb
Cadmium	106-1	24.59	24.21	24.73	24.51	1.10	ppb
Cadmium	108-1	25.15	25.49	26.42	25.69	2.57	ppb
Calcium	43-1	7997.31	8350.17	8094.40	8147.29	2.24	ppb
Calcium	44-1	8133.59	8561.93	8323.48	8339.67	2.57	ppb
Chromium	52-2	28.26	28.55	28.52	28.45	0.55	ppb
Cobalt	59-2	28.68	27.95	28.62	28.42	1.42	ppb
Copper	63-2	56.48	56.37	57.00	56.62	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1770.22	1753.37	1785.48	1769.69	0.91	ppb
Iron	57-2	1745.67	1734.37	1782.50	1754.18	1.43	ppb
Lead	206-1	24.44	26.63	24.74	25.27	4.71	ppb
Lead	207-1	24.60	26.57	25.06	25.41	4.04	ppb
Lead	208-1	24.38	26.46	24.82	25.22	4.36	ppb
Lithium	6-1						%
Magnesium	24-2	3386.16	3370.93	3428.22	3395.10	0.87	ppb
Manganese	55-2	90.97	90.86	91.77	91.20	0.54	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-02DLX20 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808M Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:41:48 DataFile Name : 092SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	24.61	25.59	25.10	25.10	1.95	ppb
Molybdenum	95-1	23.45	25.27	24.05	24.26	3.82	ppb
Molybdenum	96-1	23.59	25.20	23.90	24.23	3.53	ppb
Molybdenum	97-1	24.46	24.87	24.29	24.54	1.22	ppb
Molybdenum	98-1	24.32	25.45	24.69	24.82	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.06	29.42	30.58	29.69	2.67	ppb
Phosphorus	31-2	52.08	68.05	20.73	46.95	51.27	ppb
Potassium	39-2	1314.02	1346.40	1400.42	1353.61	3.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	18.85	14.95	3.72	12.51	62.79	ppb
Selenium	78-2	28.77	20.61	23.58	24.32	16.98	ppb
Selenium	82-1	25.83	25.39	25.61	25.61	0.85	ppb
Silicon	28-1	598.14	626.33	606.23	610.23	2.38	ppb
Silver	109-1	23.74	25.18	24.08	24.33	3.10	ppb
Silver	107-1	23.68	24.74	23.66	24.03	2.56	ppb
Sodium	23-2	4908.96	4883.42	4919.03	4903.80	0.37	ppb
Strontium	86-1	25.84	27.76	26.34	26.65	3.74	ppb
Strontium	88-1	26.37	28.02	26.75	27.05	3.20	ppb
Sulfur	34-1	-272.38	190.50	-54.86	-45.58		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	24.90	26.93	25.32	25.72	4.18	ppb
Thallium	205-1	25.45	27.73	26.16	26.45	4.39	ppb
Tin	118-1	23.54	24.53	23.47	23.85	2.50	ppb
Titanium	47-1	23.53	24.48	24.45	24.16	2.25	ppb
Uranium	238-1	23.83	25.98	24.54	24.78	4.43	ppb
Vanadium	51-2	27.25	28.00	27.39	27.55	1.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	55.12	55.20	55.57	55.30	0.44	ppb
Zirconium	90-1	24.89	26.37	25.27	25.51	3.00	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-02DLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808M	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:41:48	DataFile Name :	092SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	25.00	26.04	25.50	25.51	2.02	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-03DLX20 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808M Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:44:55 DataFile Name : 093SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	479.20	468.21	468.16	471.86	1.35	ppb
Antimony	121-1	24.36	25.16	25.22	24.91	1.93	ppb
Arsenic	75-2	31.50	32.05	30.58	31.38	2.36	ppb
Barium	135-1	120.01	124.39	125.43	123.28	2.34	ppb
Barium	137-1	122.16	124.62	125.51	124.10	1.40	ppb
Beryllium	9-1	26.34	27.22	26.22	26.59	2.04	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	37.04	37.17	38.11	37.44	1.57	ppb
Boron	11-1	38.18	39.19	38.63	38.66	1.31	ppb
Cadmium	111-1	24.85	25.18	25.03	25.02	0.67	ppb
Cadmium	106-1	25.45	25.08	24.64	25.05	1.63	ppb
Cadmium	108-1	22.96	25.47	25.76	24.73	6.22	ppb
Calcium	43-1	7855.19	8107.30	7964.62	7975.70	1.59	ppb
Calcium	44-1	8035.60	8336.31	8300.13	8224.01	2.00	ppb
Chromium	52-2	29.64	29.04	29.04	29.24	1.18	ppb
Cobalt	59-2	29.45	28.88	28.56	28.96	1.54	ppb
Copper	63-2	56.96	55.84	56.77	56.52	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1787.82	1777.81	1774.34	1779.99	0.39	ppb
Iron	57-2	1830.68	1770.16	1766.54	1789.12	2.01	ppb
Lead	206-1	24.76	25.16	25.11	25.01	0.88	ppb
Lead	207-1	24.94	25.33	24.77	25.01	1.14	ppb
Lead	208-1	24.94	25.24	24.94	25.04	0.69	ppb
Lithium	6-1						%
Magnesium	24-2	3432.14	3467.34	3372.47	3423.98	1.40	ppb
Manganese	55-2	91.13	90.77	90.42	90.78	0.39	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-03DLX20 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808M Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:44:55 DataFile Name : 093SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	24.79	25.29	25.44	25.17	1.35	ppb
Molybdenum	95-1	23.34	23.89	24.14	23.79	1.72	ppb
Molybdenum	96-1	23.69	24.59	24.40	24.23	1.95	ppb
Molybdenum	97-1	23.64	24.31	24.36	24.10	1.67	ppb
Molybdenum	98-1	24.24	24.50	24.78	24.51	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.10	29.62	30.75	30.16	1.89	ppb
Phosphorus	31-2	5.07	21.20	37.30	21.19	76.05	ppb
Potassium	39-2	1389.57	1297.29	1354.36	1347.08	3.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	30.13	7.56	34.19	23.96	59.89	ppb
Selenium	78-2	26.29	28.82	27.77	27.63	4.61	ppb
Selenium	82-1	25.57	25.18	26.92	25.89	3.54	ppb
Silicon	28-1	581.76	617.97	603.84	601.19	3.04	ppb
Silver	109-1	24.02	24.36	24.23	24.20	0.71	ppb
Silver	107-1	23.43	24.14	24.21	23.93	1.80	ppb
Sodium	23-2	4950.03	4950.17	4932.21	4944.14	0.21	ppb
Strontium	86-1	25.77	26.22	26.50	26.17	1.42	ppb
Strontium	88-1	25.87	26.53	26.84	26.42	1.88	ppb
Sulfur	34-1	-453.66	-7.11	-207.79	-222.86		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	25.20	25.65	25.46	25.44	0.88	ppb
Thallium	205-1	26.10	26.51	26.13	26.25	0.88	ppb
Tin	118-1	22.90	23.59	24.06	23.52	2.47	ppb
Titanium	47-1	24.13	25.79	24.55	24.82	3.48	ppb
Uranium	238-1	24.81	24.98	24.84	24.88	0.37	ppb
Vanadium	51-2	28.46	27.63	28.16	28.08	1.50	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	55.43	55.12	54.13	54.89	1.24	ppb
Zirconium	90-1	25.02	25.46	25.62	25.37	1.24	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-03DLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808M	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:44:55	DataFile Name :	093SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	24.64	25.61	26.07	25.44	2.88	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01ADLX20 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808A Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:48:04 DataFile Name : 094SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	508.24	480.90	514.34	501.16	3.55	ppb
Antimony	121-1	25.14	25.11	25.18	25.14	0.15	ppb
Arsenic	75-2	31.84	30.82	30.90	31.18	1.82	ppb
Barium	135-1	126.87	126.80	125.30	126.33	0.70	ppb
Barium	137-1	126.68	127.06	126.09	126.61	0.39	ppb
Beryllium	9-1	26.31	26.46	25.89	26.22	1.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	35.82	35.69	39.84	37.12	6.37	ppb
Boron	11-1	35.85	37.02	40.05	37.64	5.75	ppb
Cadmium	111-1	25.23	24.66	24.81	24.90	1.18	ppb
Cadmium	106-1	25.61	22.87	21.57	23.35	8.84	ppb
Cadmium	108-1	24.50	25.18	25.72	25.13	2.44	ppb
Calcium	43-1	8141.84	8045.98	8061.01	8082.94	0.64	ppb
Calcium	44-1	8315.22	8370.89	8269.14	8318.42	0.61	ppb
Chromium	52-2	28.50	29.04	30.26	29.27	3.07	ppb
Cobalt	59-2	28.92	29.00	29.47	29.13	1.02	ppb
Copper	63-2	56.31	57.06	58.08	57.15	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1777.66	1796.49	1821.67	1798.61	1.23	ppb
Iron	57-2	1785.13	1804.98	1903.88	1831.33	3.47	ppb
Lead	206-1	25.37	25.22	25.61	25.40	0.77	ppb
Lead	207-1	25.65	25.37	25.67	25.56	0.66	ppb
Lead	208-1	25.47	25.21	25.46	25.38	0.58	ppb
Lithium	6-1						%
Magnesium	24-2	3421.56	3384.95	3549.64	3452.05	2.50	ppb
Manganese	55-2	90.27	91.72	94.14	92.04	2.12	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808AI	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:48:04	DataFile Name :	094SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	25.11	25.40	25.26	25.26	0.58	ppb
Molybdenum	95-1	24.14	24.56	23.85	24.18	1.48	ppb
Molybdenum	96-1	24.87	24.78	24.42	24.69	0.98	ppb
Molybdenum	97-1	24.78	24.70	25.19	24.89	1.05	ppb
Molybdenum	98-1	24.91	24.96	25.03	24.97	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.35	29.79	30.47	29.87	1.90	ppb
Phosphorus	31-2	36.70	37.03	21.70	31.81	27.54	ppb
Potassium	39-2	1402.90	1372.53	1372.31	1382.58	1.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	34.24	15.18	22.83	24.08	39.84	ppb
Selenium	78-2	17.89	30.21	19.13	22.41	30.27	ppb
Selenium	82-1	25.86	26.82	27.57	26.75	3.19	ppb
Silicon	28-1	608.98	605.19	600.41	604.86	0.71	ppb
Silver	109-1	24.81	24.30	24.52	24.54	1.03	ppb
Silver	107-1	24.45	24.27	24.54	24.42	0.55	ppb
Sodium	23-2	4895.05	4961.33	5101.82	4986.07	2.12	ppb
Strontium	86-1	26.96	26.44	27.04	26.81	1.22	ppb
Strontium	88-1	27.38	27.06	27.42	27.29	0.72	ppb
Sulfur	34-1	-301.06	-323.82	-264.39	-296.42		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	25.73	25.78	25.73	25.74	0.11	ppb
Thallium	205-1	26.18	26.58	26.94	26.57	1.44	ppb
Tin	118-1	24.18	23.85	23.67	23.90	1.06	ppb
Titanium	47-1	25.26	24.25	24.98	24.83	2.09	ppb
Uranium	238-1	24.92	24.83	25.07	24.94	0.49	ppb
Vanadium	51-2	28.49	28.26	29.30	28.68	1.90	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	54.32	56.23	54.68	55.08	1.84	ppb
Zirconium	90-1	25.82	25.73	25.59	25.71	0.46	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808A	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:48:04	DataFile Name :	094SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	25.63	26.26	25.26	25.72	1.97	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-04DLX20 Instrumnet Name : P8
 Client Sample ID : KY070MW233-170808DL Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:51:11 DataFile Name : 095SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.76	-1.95	-0.76	-1.16		ppb
Antimony	121-1	0.08	0.09	0.08	0.08	6.04	ppb
Arsenic	75-2	0.32	0.32	0.42	0.35	16.06	ppb
Barium	135-1	5.35	4.88	4.99	5.07	4.87	ppb
Barium	137-1	4.99	5.12	4.99	5.03	1.51	ppb
Beryllium	9-1	0.08	0.07	0.06	0.07	11.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.42	23.74	23.26	23.81	2.44	ppb
Boron	11-1	25.79	25.09	25.19	25.36	1.51	ppb
Cadmium	111-1	-0.09	-0.14	-0.05	-0.09		ppb
Cadmium	106-1	-1.30	-2.15	-0.69	-1.38		ppb
Cadmium	108-1	0.02	-0.01	-0.07	-0.02		ppb
Calcium	43-1	7204.17	6958.85	6990.54	7051.19	1.89	ppb
Calcium	44-1	7367.46	7137.85	7130.33	7211.88	1.87	ppb
Chromium	52-2	0.05	0.02	0.05	0.04	40.03	ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	78.36	ppb
Copper	63-2	0.27	0.29	0.26	0.27	5.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	147.62	142.46	146.61	145.56	1.88	ppb
Iron	57-2	150.64	149.79	137.33	145.92	5.11	ppb
Lead	206-1	0.01	0.03	0.01	0.02	51.74	ppb
Lead	207-1	0.03	0.03	0.02	0.03	7.14	ppb
Lead	208-1	0.02	0.03	0.02	0.02	15.07	ppb
Lithium	6-1						%
Magnesium	24-2	1275.89	1255.69	1292.79	1274.79	1.46	ppb
Manganese	55-2	21.21	18.86	19.04	19.71	6.65	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-04DLX20 Instrumnet Name : P8
 Client Sample ID : KY070MW233-170808DL Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:51:11 DataFile Name : 095SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.05	0.02	0.03	36.55	ppb
Molybdenum	95-1	0.11	0.09	0.09	0.10	11.65	ppb
Molybdenum	96-1	0.09	0.10	0.08	0.09	6.83	ppb
Molybdenum	97-1	0.11	0.15	0.17	0.14	23.29	ppb
Molybdenum	98-1	0.10	0.07	0.10	0.09	16.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.17	-0.11	-0.14		ppb
Phosphorus	31-2	4.95	52.61	4.92	20.83	132.17	ppb
Potassium	39-2	94.57	94.40	99.11	96.03	2.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.09	-0.70	1.16	0.13	757.81	ppb
Selenium	82-1	0.06	0.88	0.64	0.53	79.50	ppb
Silicon	28-1	551.76	534.44	526.99	537.73	2.36	ppb
Silver	109-1	0.07	0.06	0.07	0.07	10.64	ppb
Silver	107-1	0.07	0.07	0.06	0.06	6.61	ppb
Sodium	23-2	4443.06	4417.09	4440.60	4433.58	0.32	ppb
Strontium	86-1	41.55	40.11	40.94	40.87	1.77	ppb
Strontium	88-1	42.20	40.89	40.39	41.16	2.27	ppb
Sulfur	34-1	1585.11	1213.41	1130.76	1309.76	18.48	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	16.56	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	26.08	ppb
Tin	118-1	0.03	0.01	-0.01	0.01	266.19	ppb
Titanium	47-1	0.08	0.03	0.03	0.04	68.55	ppb
Uranium	238-1	0.60	0.58	0.59	0.59	1.22	ppb
Vanadium	51-2	0.02	0.02	0.04	0.03	30.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.12	0.29	0.42	0.28	53.46	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	15.74	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-04DLX20	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-170808DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:51:11	DataFile Name :	095SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	0.03	0.03	25.62	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-05DLX20 Instrumnet Name : P8
 Client Sample ID : SS042MW007-170809DL Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:54:19 DataFile Name : 096SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.96	-3.14	6.31	1.71	276.58	ppb
Antimony	121-1	0.09	0.09	0.10	0.09	7.31	ppb
Arsenic	75-2	0.80	0.62	0.69	0.70	12.71	ppb
Barium	135-1	7.20	6.59	7.23	7.01	5.20	ppb
Barium	137-1	7.11	6.79	7.16	7.02	2.89	ppb
Beryllium	9-1	0.04	0.04	0.06	0.05	19.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	17.51	16.20	18.28	17.33	6.07	ppb
Boron	11-1	17.62	17.39	17.98	17.67	1.68	ppb
Cadmium	111-1	-0.01	-0.13	-0.07	-0.07		ppb
Cadmium	106-1	-0.10	-1.68	-0.88	-0.89		ppb
Cadmium	108-1	0.05	0.05	-0.04	0.02	283.52	ppb
Calcium	43-1	6071.30	6040.93	6039.50	6050.58	0.30	ppb
Calcium	44-1	6284.14	6159.88	6209.13	6217.72	1.01	ppb
Chromium	52-2	0.17	0.00	0.18	0.11	88.06	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.23	0.20	0.22	0.21	7.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	377.96	349.79	349.05	358.93	4.59	ppb
Iron	57-2	357.74	352.93	371.88	360.85	2.73	ppb
Lead	206-1	0.03	0.01	0.00	0.01	101.85	ppb
Lead	207-1	0.03	0.02	0.04	0.03	34.18	ppb
Lead	208-1	0.03	0.02	0.02	0.02	32.91	ppb
Lithium	6-1						%
Magnesium	24-2	922.91	818.76	834.18	858.61	6.55	ppb
Manganese	55-2	33.40	31.03	32.11	32.18	3.69	ppb

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-05DLX20 Instrumnet Name : P8
 Client Sample ID : SS042MW007-170809DL Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:54:19 DataFile Name : 096SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.06	0.05	14.56	ppb
Molybdenum	95-1	0.15	0.11	0.16	0.14	16.73	ppb
Molybdenum	96-1	0.12	0.12	0.15	0.13	13.37	ppb
Molybdenum	97-1	0.16	0.17	0.17	0.17	1.19	ppb
Molybdenum	98-1	0.13	0.12	0.14	0.13	10.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.18	-0.14	-0.16		ppb
Phosphorus	31-2	22.85	4.76	20.85	16.16	61.38	ppb
Potassium	39-2	160.30	133.32	157.49	150.37	9.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	3.72	0.00	1.24	173.21	ppb
Selenium	78-2	-0.06	-0.70	0.52	-0.08		ppb
Selenium	82-1	0.10	0.88	0.08	0.35	129.88	ppb
Silicon	28-1	566.76	553.50	569.02	563.09	1.49	ppb
Silver	109-1	0.06	0.06	0.05	0.06	10.04	ppb
Silver	107-1	0.06	0.06	0.06	0.06	6.95	ppb
Sodium	23-2	1789.09	1668.82	1636.84	1698.25	4.73	ppb
Strontium	86-1	29.61	28.74	30.15	29.50	2.42	ppb
Strontium	88-1	30.03	29.38	30.14	29.85	1.37	ppb
Sulfur	34-1	42.81	-209.84	-40.69	-69.24		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	38.90	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	117.48	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	718.29	ppb
Titanium	47-1	0.08	0.01	0.02	0.04	99.10	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	13.87	ppb
Vanadium	51-2	0.02	0.01	0.03	0.02	58.07	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.14	0.24	0.08	0.15	53.73	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	67.16	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-05DLX20	Instrumnet Name :	P8
Client Sample ID :	SS042MW007-170809DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:54:19	DataFile Name :	096SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.01	0.01	48.06	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-06DLX20	Instrumnet Name :	P8
Client Sample ID :	DUP-0429-170808DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:57:28	DataFile Name :	097SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.01	2.74	-3.16	-0.81		ppb
Antimony	121-1	0.08	0.07	0.08	0.08	7.23	ppb
Arsenic	75-2	3.85	3.72	3.52	3.70	4.50	ppb
Barium	135-1	5.83	5.41	5.43	5.56	4.29	ppb
Barium	137-1	5.72	5.58	5.42	5.57	2.68	ppb
Beryllium	9-1	0.04	0.07	0.04	0.05	29.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.09	15.69	14.97	14.91	5.38	ppb
Boron	11-1	14.42	14.26	14.07	14.25	1.23	ppb
Cadmium	111-1	-0.08	-0.09	-0.13	-0.10		ppb
Cadmium	106-1	-1.14	-1.27	-1.75	-1.39		ppb
Cadmium	108-1	-0.04	-0.01	0.05	0.00		ppb
Calcium	43-1	5269.36	5269.98	5222.25	5253.86	0.52	ppb
Calcium	44-1	5459.18	5477.14	5403.69	5446.67	0.70	ppb
Chromium	52-2	0.24	0.16	0.09	0.16	46.31	ppb
Cobalt	59-2	0.03	0.00	0.00	0.01	133.58	ppb
Copper	63-2	0.20	0.27	0.20	0.22	18.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	417.10	431.13	421.98	423.40	1.68	ppb
Iron	57-2	415.42	421.98	419.47	418.96	0.79	ppb
Lead	206-1	-0.01	0.01	0.00	0.00		ppb
Lead	207-1	0.00	0.02	0.03	0.02	106.68	ppb
Lead	208-1	0.00	0.01	0.02	0.01	83.43	ppb
Lithium	6-1						%
Magnesium	24-2	667.06	684.64	676.15	675.95	1.30	ppb
Manganese	55-2	37.09	38.43	38.13	37.89	1.86	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-06DLX20	Instrumnet Name :	P8
Client Sample ID :	DUP-0429-170808DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:57:28	DataFile Name :	097SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.03	0.02	0.03	37.41	ppb
Molybdenum	95-1	0.09	0.08	0.07	0.08	9.18	ppb
Molybdenum	96-1	0.07	0.08	0.07	0.07	4.79	ppb
Molybdenum	97-1	0.10	0.13	0.06	0.10	33.43	ppb
Molybdenum	98-1	0.08	0.07	0.08	0.08	12.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.12	-0.07	-0.10		ppb
Phosphorus	31-2	4.52	20.71	-11.05	4.73	335.97	ppb
Potassium	39-2	95.52	115.99	123.10	111.54	12.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	3.69	1.23	173.21	ppb
Selenium	78-2	0.50	-0.10	-0.10	0.10	340.19	ppb
Selenium	82-1	-0.34	-0.28	-0.20	-0.27		ppb
Silicon	28-1	543.87	551.06	539.98	544.97	1.03	ppb
Silver	109-1	0.04	0.05	0.05	0.05	11.82	ppb
Silver	107-1	0.05	0.05	0.06	0.05	12.07	ppb
Sodium	23-2	2045.97	2072.13	2058.27	2058.79	0.64	ppb
Strontium	86-1	24.98	24.91	25.34	25.08	0.93	ppb
Strontium	88-1	25.34	25.25	25.61	25.40	0.73	ppb
Sulfur	34-1	-47.35	-31.10	-45.32	-41.26		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	39.40	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	32.33	ppb
Tin	118-1	0.02	-0.03	0.01	0.00		ppb
Titanium	47-1	0.08	0.08	0.07	0.08	0.83	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	22.92	ppb
Vanadium	51-2	0.02	0.00	-0.01	0.00	539.91	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.42	0.41	0.75	0.53	36.42	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	160.02	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-06DLX20	Instrumnet Name :	P8
Client Sample ID :	DUP-0429-170808DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:57:28	DataFile Name :	097SMPL_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.01	0.02	65.81	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 19:00:35	DataFile Name :	098CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46766.73	46303.71	46771.06	46613.83	0.58	ppb
Antimony	121-1	546.76	535.57	541.24	541.19	1.03	ppb
Arsenic	75-2	486.71	493.03	491.01	490.25	0.66	ppb
Barium	135-1	2384.99	2307.95	2330.65	2341.20	1.69	ppb
Barium	137-1	2346.37	2276.58	2331.71	2318.22	1.59	ppb
Beryllium	9-1	491.53	474.05	480.75	482.11	1.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	466.09	468.27	479.13	471.17	1.48	ppb
Boron	11-1	467.70	464.15	475.04	468.97	1.18	ppb
Cadmium	111-1	445.43	439.14	446.95	443.84	0.93	ppb
Cadmium	106-1	455.88	440.29	456.93	451.03	2.07	ppb
Cadmium	108-1	446.13	436.58	455.89	446.20	2.16	ppb
Calcium	43-1	236247.39	233691.95	233454.14	234464.49	0.66	ppb
Calcium	44-1	237483.18	233400.33	231957.10	234280.20	1.22	ppb
Chromium	52-2	510.44	507.46	508.07	508.65	0.31	ppb
Cobalt	59-2	500.80	497.43	499.51	499.25	0.34	ppb
Copper	63-2	1028.59	1020.89	1023.54	1024.34	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121617.80	120569.62	120953.40	121046.94	0.44	ppb
Iron	57-2	124235.26	123392.68	122027.19	123218.37	0.90	ppb
Lead	206-1	494.30	476.60	480.10	483.66	1.94	ppb
Lead	207-1	490.51	475.84	481.49	482.61	1.53	ppb
Lead	208-1	493.63	478.68	484.02	485.45	1.56	ppb
Lithium	6-1						%
Magnesium	24-2	242382.01	241201.84	244478.88	242687.58	0.68	ppb
Manganese	55-2	976.93	966.19	970.99	971.37	0.55	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 19:00:35	DataFile Name :	098CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	487.90	475.93	480.79	481.54	1.25	ppb
Molybdenum	95-1	484.17	475.36	480.58	480.04	0.92	ppb
Molybdenum	96-1	490.43	478.46	478.80	482.56	1.41	ppb
Molybdenum	97-1	474.35	461.51	465.07	466.98	1.42	ppb
Molybdenum	98-1	490.50	469.01	477.34	478.95	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.26	510.52	505.55	506.78	0.65	ppb
Phosphorus	31-2	10433.18	8873.53	8723.37	9343.36	10.13	ppb
Potassium	39-2	118202.43	115902.47	118832.99	117645.96	1.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	447.63	415.58	507.72	456.98	10.24	ppb
Selenium	78-2	449.26	482.14	471.46	467.62	3.59	ppb
Selenium	82-1	469.70	462.83	461.39	464.64	0.96	ppb
Silicon	28-1	459.46	448.11	449.54	452.37	1.37	ppb
Silver	109-1	453.47	444.30	450.82	449.53	1.05	ppb
Silver	107-1	455.17	441.77	449.81	448.92	1.50	ppb
Sodium	23-2	247684.49	245562.44	248557.60	247268.18	0.62	ppb
Strontium	86-1	482.99	470.75	470.30	474.68	1.52	ppb
Strontium	88-1	491.14	478.35	473.26	480.91	1.92	ppb
Sulfur	34-1	9351.42	9182.08	9031.82	9188.44	1.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	495.55	481.00	484.78	487.11	1.55	ppb
Thallium	205-1	495.11	479.26	485.87	486.75	1.64	ppb
Tin	118-1	471.01	455.62	462.81	463.15	1.66	ppb
Titanium	47-1	474.52	467.04	466.82	469.46	0.93	ppb
Uranium	238-1	493.99	484.91	489.42	489.44	0.93	ppb
Vanadium	51-2	506.79	503.92	509.05	506.59	0.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	976.39	968.76	975.07	973.41	0.42	ppb
Zirconium	90-1	481.68	475.91	471.78	476.46	1.04	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 19:00:35	DataFile Name :	098CCV_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	484.62	476.09	481.49	480.73	0.90	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 19:03:33	DataFile Name :	099CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.94	-0.93	-3.20	-1.69		ppb
Antimony	121-1	0.17	0.16	0.13	0.15	11.87	ppb
Arsenic	75-2	0.02	0.02	-0.01	0.01	175.74	ppb
Barium	135-1	-0.01	-0.01	-0.02	-0.01		ppb
Barium	137-1	-0.02	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.11	0.14	0.13	0.13	11.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	14.82	11.46	11.82	12.70	14.53	ppb
Boron	11-1	12.26	12.84	12.40	12.50	2.46	ppb
Cadmium	111-1	-0.10	-0.10	-0.08	-0.09		ppb
Cadmium	106-1	-1.62	-1.51	-1.50	-1.54		ppb
Cadmium	108-1	0.13	0.10	0.02	0.08	70.94	ppb
Calcium	43-1	-26.63	-24.68	-31.02	-27.44		ppb
Calcium	44-1	-15.07	-14.60	-13.38	-14.35		ppb
Chromium	52-2	-0.01	0.06	0.00	0.02	223.11	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.17	0.15	0.13	0.15	10.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.59	0.58	0.77	0.65	16.80	ppb
Iron	57-2	-0.81	2.79	0.46	0.81	224.74	ppb
Lead	206-1	0.04	0.03	0.03	0.03	18.53	ppb
Lead	207-1	0.07	0.03	0.06	0.05	32.32	ppb
Lead	208-1	0.06	0.04	0.04	0.05	23.26	ppb
Lithium	6-1						%
Magnesium	24-2	0.29	1.47	0.96	0.91	65.12	ppb
Manganese	55-2	0.05	-0.06	-0.03	-0.01		ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 19:03:33	DataFile Name :	099CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.05	0.04	0.04	12.71	ppb
Molybdenum	95-1	0.04	0.06	0.03	0.04	37.97	ppb
Molybdenum	96-1	0.04	0.05	0.06	0.05	13.18	ppb
Molybdenum	97-1	0.05	0.07	0.05	0.06	20.15	ppb
Molybdenum	98-1	0.05	0.03	0.02	0.03	37.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.17	-0.31	-0.26	-0.25		ppb
Phosphorus	31-2	-11.05	34.62	34.19	19.25	136.30	ppb
Potassium	39-2	3.39	3.14	3.19	3.24	4.03	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.06	0.47	-0.11	0.47	124.13	ppb
Selenium	82-1	-0.10	0.50	0.28	0.23	134.90	ppb
Silicon	28-1	-24.42	-22.41	-19.77	-22.20		ppb
Silver	109-1	0.06	0.04	0.05	0.05	15.67	ppb
Silver	107-1	0.04	0.05	0.04	0.04	17.71	ppb
Sodium	23-2	73.49	72.84	78.01	74.78	3.76	ppb
Strontium	86-1	0.02	0.00	-0.09	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	951.03	ppb
Sulfur	34-1	-1250.99	-1071.10	-1056.99	-1126.36		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.05	0.05	13.01	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	15.00	ppb
Tin	118-1	0.07	0.08	0.06	0.07	16.32	ppb
Titanium	47-1	0.01	-0.04	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	62.20	ppb
Vanadium	51-2	-0.01	-0.01	0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.09	-0.21	-0.01	-0.05		ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	17.56	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 19:03:33	DataFile Name :	099CCBE_P8081017.D

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.05	0.06	0.06	16.84	ppb

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:28:01	DataFile Name :	004CALB_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	50	36	48.03	cps
Antimony	121-1	67	67	125	86	39.11	cps
Arsenic	75-2	4	4	9	6	57.80	cps
Barium	135-1	17	25	67	36	74.18	cps
Barium	137-1	58	108	83	83	30.00	cps
Beryllium	9-1	94	67	72	78	18.90	cps
Bismuth	209-1	3298713	3442989	3425132	3388945	2.32	cps
Bismuth	209-2	1558647	1568291	1558521	1561819	0.36	cps
Boron	10-1	250	317	325	297	13.83	cps
Boron	11-1	1383	1325	1292	1333	3.48	cps
Cadmium	111-1	846	982	917	915	7.43	cps
Cadmium	106-1	1183	1375	1292	1283	7.49	cps
Cadmium	108-1	17	8	0	8	100.02	cps
Calcium	43-1	2759	2600	2792	2717	3.77	cps
Calcium	44-1	48535	49714	49823	49357	1.45	cps
Chromium	52-2	1077	1177	1080	1111	5.11	cps
Cobalt	59-2	60	43	67	57	21.21	cps
Copper	63-2	257	237	220	238	7.72	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	33	67	50	33.34	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	25	58	50	44	39.04	cps
Gadolinium	160-2	27	17	10	18	47.19	cps
Holmium	165-1	5623021	5847163	5872274	5780820	2.37	cps
Holmium	165-2	2053682	2090135	2068092	2070636	0.89	cps
Indium	115-1	5607202	5879402	5871039	5785881	2.68	cps
Indium	115-2	394298	398445	398680	397141	0.62	cps
Iron	56-2	3617	3673	3284	3525	5.97	cps
Iron	57-2	106	83	83	91	14.14	cps
Lead	206-1	317	328	294	313	5.42	cps
Lead	207-1	211	256	261	243	11.30	cps
Lead	208-1	1267	1239	1106	1204	7.16	cps
Lithium	6-1	1155140	1219077	1223354	1199190	3.19	cps
Magnesium	24-2	100	125	192	139	34.12	cps
Manganese	55-2	117	140	120	126	10.05	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:28:01	DataFile Name :	004CALB_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	167	208	189	11.11	cps
Molybdenum	95-1	42	25	33	33	25.01	cps
Molybdenum	96-1	58	58	67	61	7.87	cps
Molybdenum	97-1	33	33	17	28	34.63	cps
Molybdenum	98-1	42	75	58	58	28.57	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	290	270	277	279	3.65	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	3734	3909	3742	3795	2.60	cps
Rhodium	103-1	5561326	5848535	5774081	5727981	2.60	cps
Rhodium	103-2	2047661	2047078	2052954	2049231	0.16	cps
Scandium	45-1	4042160	4192208	4213875	4149414	2.25	cps
Scandium	45-2	44347	44698	45176	44740	0.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-16	-2	-111	-43	-138.75	cps
Silicon	28-1	448486	452448	451870	450934	0.47	cps
Silver	109-1	75	58	58	64	15.05	cps
Silver	107-1	100	108	75	94	18.37	cps
Sodium	23-2	4759	5026	4809	4865	2.91	cps
Strontium	86-1	1142	1525	1375	1347	14.34	cps
Strontium	88-1	600	608	483	564	12.39	cps
Sulfur	34-1	386688	390335	389532	388852	0.49	cps
Terbium	159-1	5920993	6186434	6174955	6094127	2.46	cps
Terbium	159-2	2020687	2019228	2065817	2035244	1.30	cps
Thallium	203-1	50	42	50	47	10.18	cps
Thallium	205-1	67	125	92	94	30.99	cps
Tin	118-1	742	658	633	678	8.37	cps
Titanium	47-1	150	125	117	131	13.29	cps
Uranium	238-1	42	67	17	42	60.00	cps
Vanadium	51-2	27	23	13	21	32.88	cps
Yttrium	89-1	6386076	6575183	6635087	6532115	1.99	cps
Yttrium	89-2	296350	295911	300012	297424	0.76	cps
Zinc	66-2	87	93	120	100	17.64	cps
Zirconium	90-1	492	458	383	444	12.49	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:28:01	DataFile Name :	004CALB_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	117	50	81	41.81	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:35:00	DataFile Name :	006CAL5_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	183	183	172	11.17	cps
Antimony	121-1	15042	15001	14934	14992	0.36	cps
Arsenic	75-2	143	148	154	148	3.75	cps
Barium	135-1	14400	14525	15243	14723	3.09	cps
Barium	137-1	24883	25108	25167	25052	0.60	cps
Beryllium	9-1	1411	1439	1478	1443	2.32	cps
Bismuth	209-1	3358884	3353666	3377785	3363445	0.38	cps
Bismuth	209-2	1557968	1534009	1548231	1546736	0.78	cps
Boron	10-1	4009	3959	4242	4070	3.72	cps
Boron	11-1	18888	18838	19063	18930	0.63	cps
Cadmium	111-1	2558	2592	2466	2538	2.57	cps
Cadmium	106-1	1475	1500	1417	1464	2.92	cps
Cadmium	108-1	125	83	121	110	20.91	cps
Calcium	43-1	12106	12264	12815	12395	3.00	cps
Calcium	44-1	211310	207725	207555	208863	1.02	cps
Chromium	52-2	3501	3297	3347	3382	3.13	cps
Cobalt	59-2	2404	2137	2250	2264	5.91	cps
Copper	63-2	4597	4471	4574	4547	1.48	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	7	17	17	13	43.29	cps
Gadolinium	160-1	100	50	67	72	35.25	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	5815776	5832898	5932130	5860268	1.07	cps
Holmium	165-2	2102673	2076124	2068845	2082547	0.85	cps
Indium	115-1	5902598	5841361	5875171	5873043	0.52	cps
Indium	115-2	397007	395250	396531	396263	0.23	cps
Iron	56-2	40671	40298	39540	40170	1.43	cps
Iron	57-2	956	1078	1078	1037	6.80	cps
Lead	206-1	4506	4457	4701	4555	2.84	cps
Lead	207-1	3773	4234	3979	3995	5.78	cps
Lead	208-1	17867	18194	18167	18076	1.01	cps
Lithium	6-1	1217009	1229906	1223518	1223477	0.53	cps
Magnesium	24-2	19130	18630	18604	18788	1.58	cps
Manganese	55-2	460	477	480	472	2.27	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:35:00	DataFile Name :	006CAL5_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14016	13424	13657	13699	2.18	cps
Molybdenum	95-1	16193	16369	16861	16474	2.10	cps
Molybdenum	96-1	18046	18622	17595	18088	2.84	cps
Molybdenum	97-1	10279	10121	9871	10090	2.04	cps
Molybdenum	98-1	26093	25350	26819	26087	2.82	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	993	953	930	959	3.34	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	15985	15509	15317	15604	2.20	cps
Rhodium	103-1	5766392	5801903	5863385	5810560	0.84	cps
Rhodium	103-2	2055420	2051357	2035578	2047452	0.51	cps
Scandium	45-1	4225556	4208231	4235355	4223047	0.33	cps
Scandium	45-2	45534	45651	45590	45592	0.13	cps
Selenium	77-2	13	0	3	6	124.93	cps
Selenium	78-2	17	26	19	20	24.05	cps
Selenium	82-1	630	540	475	549	14.16	cps
Silicon	28-1	501079	499933	507066	502693	0.76	cps
Silver	109-1	10505	10063	9445	10004	5.32	cps
Silver	107-1	10830	10313	10496	10546	2.48	cps
Sodium	23-2	51761	51461	50223	51148	1.59	cps
Strontium	86-1	3642	3751	3476	3623	3.82	cps
Strontium	88-1	19773	19573	19598	19648	0.56	cps
Sulfur	34-1	391379	391467	388077	390308	0.50	cps
Terbium	159-1	6117990	6188854	6230969	6179271	0.92	cps
Terbium	159-2	2015928	2023866	2028045	2022613	0.30	cps
Thallium	203-1	3976	4493	4418	4295	6.50	cps
Thallium	205-1	10221	9821	10421	10155	3.01	cps
Tin	118-1	25876	25951	27061	26296	2.52	cps
Titanium	47-1	5501	5651	5510	5554	1.52	cps
Uranium	238-1	12290	12023	12473	12262	1.85	cps
Vanadium	51-2	4071	4124	3801	3998	4.34	cps
Yttrium	89-1	6649628	6599727	6624272	6624543	0.38	cps
Yttrium	89-2	299446	297087	297104	297879	0.46	cps
Zinc	66-2	493	513	507	504	2.02	cps
Zirconium	90-1	12148	12089	11889	12042	1.13	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:35:00	DataFile Name :	006CALS_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2725	2725	2600	2684	2.69	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:38:28	DataFile Name :	007CAL5_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8453	8728	8445	8542	1.89	cps
Antimony	121-1	401821	401438	400632	401297	0.15	cps
Arsenic	75-2	7126	7434	7154	7238	2.35	cps
Barium	135-1	397696	397246	399565	398169	0.31	cps
Barium	137-1	687371	684484	693338	688398	0.66	cps
Beryllium	9-1	76553	76128	76184	76288	0.30	cps
Bismuth	209-1	3438094	3458798	3466714	3454535	0.43	cps
Bismuth	209-2	1587122	1585065	1604154	1592114	0.66	cps
Boron	10-1	9203	8620	9353	9059	4.28	cps
Boron	11-1	41536	42648	41603	41929	1.49	cps
Cadmium	111-1	92551	92292	91661	92168	0.50	cps
Cadmium	106-1	10479	10012	10471	10321	2.59	cps
Cadmium	108-1	6360	6352	6377	6363	0.20	cps
Calcium	43-1	110599	110458	109936	110331	0.32	cps
Calcium	44-1	1842982	1867030	1845073	1851695	0.72	cps
Chromium	52-2	61106	60908	60407	60807	0.59	cps
Cobalt	59-2	121978	123054	122445	122492	0.44	cps
Copper	63-2	209623	210956	211277	210619	0.42	cps
Dysprosium	156-1	42	42	0	28	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	25	67	42	52.92	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	17	58	8	28	96.44	cps
Gadolinium	160-2	13	0	7	7	99.98	cps
Holmium	165-1	6036468	5990453	5971435	5999452	0.56	cps
Holmium	165-2	2122204	2116805	2118584	2119198	0.13	cps
Indium	115-1	5943478	5903114	5974420	5940337	0.60	cps
Indium	115-2	396801	400872	403071	400248	0.79	cps
Iron	56-2	2034165	2026934	2045754	2035618	0.47	cps
Iron	57-2	50547	49878	50091	50172	0.68	cps
Lead	206-1	187747	188073	186420	187413	0.47	cps
Lead	207-1	169310	168428	168780	168840	0.26	cps
Lead	208-1	757275	758498	753628	756467	0.33	cps
Lithium	6-1	1222116	1250413	1229717	1234082	1.19	cps
Magnesium	24-2	207443	208861	206183	207496	0.65	cps
Manganese	55-2	34296	33741	34526	34187	1.18	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:38:28	DataFile Name :	007CAL5_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	339253	339155	337497	338635	0.29	cps
Molybdenum	95-1	183193	183272	181707	182724	0.48	cps
Molybdenum	96-1	232274	235036	233588	233633	0.59	cps
Molybdenum	97-1	111648	110666	112875	111730	0.99	cps
Molybdenum	98-1	291932	289425	289015	290124	0.54	cps
Neodymium	150-1	53	0	7	20	145.29	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	36311	36702	36321	36445	0.61	cps
Phosphorus	31-2	692	608	758	686	10.95	cps
Potassium	39-2	72261	69120	69724	70368	2.37	cps
Rhodium	103-1	5795778	5804238	5841991	5814003	0.42	cps
Rhodium	103-2	2055574	2071665	2066173	2064471	0.40	cps
Scandium	45-1	4304563	4243712	4258224	4268833	0.74	cps
Scandium	45-2	46008	45236	45403	45549	0.89	cps
Selenium	77-2	63	60	37	53	27.24	cps
Selenium	78-2	207	202	194	201	3.23	cps
Selenium	82-1	6134	5895	5879	5969	2.39	cps
Silicon	28-1	702886	700798	707640	703775	0.50	cps
Silver	109-1	434802	426370	435743	432305	1.19	cps
Silver	107-1	451958	453027	452404	452463	0.12	cps
Sodium	23-2	505047	509670	507983	507567	0.46	cps
Strontium	86-1	122016	120569	120493	121026	0.71	cps
Strontium	88-1	1030161	1027756	1035782	1031233	0.40	cps
Sulfur	34-1	430078	423169	421581	424943	1.06	cps
Terbium	159-1	6312871	6308273	6341500	6320881	0.28	cps
Terbium	159-2	2089483	2054848	2071943	2072091	0.84	cps
Thallium	203-1	232325	235673	234889	234295	0.75	cps
Thallium	205-1	551576	551635	548522	550578	0.32	cps
Tin	118-1	277370	277706	279811	278296	0.48	cps
Titanium	47-1	57761	57620	56666	57349	1.04	cps
Uranium	238-1	650292	654761	658835	654629	0.65	cps
Vanadium	51-2	43357	43424	43798	43526	0.55	cps
Yttrium	89-1	6684206	6672833	6722490	6693176	0.39	cps
Yttrium	89-2	298840	300649	299570	299686	0.30	cps
Zinc	66-2	19274	19754	19771	19600	1.44	cps
Zirconium	90-1	654449	658814	661786	658350	0.56	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:38:28	DataFile Name :	007CALS_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	143491	144899	144662	144351	0.52	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 12:41:57 DataFile Name : 008CAL5_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21801	20232	20816	20950	3.78	cps
Antimony	121-1	1022303	1020341	1029325	1023990	0.46	cps
Arsenic	75-2	18331	18529	17906	18255	1.74	cps
Barium	135-1	1012002	1019146	1024306	1018485	0.61	cps
Barium	137-1	1781344	1790383	1786858	1786195	0.26	cps
Beryllium	9-1	193077	191833	192341	192417	0.33	cps
Bismuth	209-1	3489376	3478941	3493782	3487366	0.22	cps
Bismuth	209-2	1595776	1585074	1591905	1590918	0.34	cps
Boron	10-1	21425	22643	22452	22174	2.95	cps
Boron	11-1	101675	102589	103355	102540	0.82	cps
Cadmium	111-1	233659	231664	230684	232002	0.65	cps
Cadmium	106-1	25024	24314	24682	24673	1.44	cps
Cadmium	108-1	16068	16268	16786	16374	2.26	cps
Calcium	43-1	273142	272652	274275	273356	0.30	cps
Calcium	44-1	4522947	4500678	4480240	4501288	0.47	cps
Chromium	52-2	146919	147693	147302	147304	0.26	cps
Cobalt	59-2	303688	304365	304405	304153	0.13	cps
Copper	63-2	521259	521055	523504	521939	0.26	cps
Dysprosium	156-1	25	17	50	31	56.77	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	33	58	42	44	28.65	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	6111556	6065875	5999226	6058885	0.93	cps
Holmium	165-2	2103828	2121051	2135663	2120181	0.75	cps
Indium	115-1	5938035	5957130	5959279	5951482	0.20	cps
Indium	115-2	394013	395644	395721	395126	0.24	cps
Iron	56-2	5004762	4984561	4957857	4982393	0.47	cps
Iron	57-2	124512	126940	126223	125891	0.99	cps
Lead	206-1	478753	481455	483591	481266	0.50	cps
Lead	207-1	427296	434911	435084	432430	1.03	cps
Lead	208-1	1923315	1940054	1944780	1936050	0.58	cps
Lithium	6-1	1238544	1254987	1239933	1244488	0.73	cps
Magnesium	24-2	511278	513398	514306	512994	0.30	cps
Manganese	55-2	83427	83957	85305	84230	1.15	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:41:57	DataFile Name :	008CAL5_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	856600	857847	860857	858435	0.25	cps
Molybdenum	95-1	460529	461506	464089	462041	0.40	cps
Molybdenum	96-1	590287	595966	597295	594516	0.63	cps
Molybdenum	97-1	287600	286807	285662	286690	0.34	cps
Molybdenum	98-1	738862	745765	732859	739162	0.87	cps
Neodymium	150-1	33	73	53	53	37.51	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	89002	89777	89851	89543	0.52	cps
Phosphorus	31-2	1800	1642	1492	1645	9.38	cps
Potassium	39-2	170471	168573	167914	168986	0.79	cps
Rhodium	103-1	5824137	5838929	5783623	5815563	0.49	cps
Rhodium	103-2	2048988	2039729	2034454	2041057	0.36	cps
Scandium	45-1	4264343	4250900	4268497	4261247	0.22	cps
Scandium	45-2	44918	45169	44015	44701	1.36	cps
Selenium	77-2	157	147	147	150	3.85	cps
Selenium	78-2	448	476	444	456	3.77	cps
Selenium	82-1	15334	15530	15417	15427	0.64	cps
Silicon	28-1	933012	921558	927485	927352	0.62	cps
Silver	109-1	1102355	1098362	1099594	1100104	0.19	cps
Silver	107-1	1150020	1153803	1156427	1153416	0.28	cps
Sodium	23-2	1281057	1280438	1288001	1283165	0.33	cps
Strontium	86-1	303292	303132	308047	304824	0.92	cps
Strontium	88-1	2607477	2622659	2634754	2621630	0.52	cps
Sulfur	34-1	472439	473239	473007	472895	0.09	cps
Terbium	159-1	6457232	6371566	6453051	6427283	0.75	cps
Terbium	159-2	2082827	2059043	2076020	2072630	0.59	cps
Thallium	203-1	596235	597307	596457	596666	0.09	cps
Thallium	205-1	1423566	1424887	1424149	1424200	0.05	cps
Tin	118-1	707331	706243	716820	710132	0.82	cps
Titanium	47-1	143166	143233	144766	143722	0.63	cps
Uranium	238-1	1717458	1724879	1704255	1715531	0.61	cps
Vanadium	51-2	108251	108812	108146	108403	0.33	cps
Yttrium	89-1	6752344	6733139	6715527	6733670	0.27	cps
Yttrium	89-2	299720	298463	298391	298858	0.25	cps
Zinc	66-2	49488	48792	49331	49204	0.74	cps
Zirconium	90-1	1715364	1679470	1682656	1692497	1.17	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:41:57	DataFile Name :	008CALS_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	368978	367844	366518	367780	0.33	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:45:21	DataFile Name :	009CAL5_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40417	39857	41052	40442	1.48	cps
Antimony	121-1	2104272	2132877	2130095	2122415	0.74	cps
Arsenic	75-2	35371	36019	35540	35643	0.94	cps
Barium	135-1	2083301	2096506	2118598	2099468	0.85	cps
Barium	137-1	3578609	3604219	3634184	3605671	0.77	cps
Beryllium	9-1	381460	384892	384688	383680	0.50	cps
Bismuth	209-1	3620083	3630877	3617660	3622873	0.19	cps
Bismuth	209-2	1610873	1596717	1566419	1591336	1.43	cps
Boron	10-1	43643	44537	44879	44353	1.44	cps
Boron	11-1	199097	200245	206660	202001	2.02	cps
Cadmium	111-1	462591	466330	465795	464905	0.43	cps
Cadmium	106-1	49500	49776	50579	49952	1.12	cps
Cadmium	108-1	33450	33985	33145	33527	1.27	cps
Calcium	43-1	541561	545022	541105	542563	0.39	cps
Calcium	44-1	8762094	8864002	8798452	8808182	0.59	cps
Chromium	52-2	289394	292289	288781	290155	0.65	cps
Cobalt	59-2	595433	597959	597778	597057	0.24	cps
Copper	63-2	1025253	1027260	1019107	1023873	0.41	cps
Dysprosium	156-1	58	58	50	56	8.67	cps
Dysprosium	156-2	13	3	13	10	57.75	cps
Erbium	164-1	33	33	17	28	34.63	cps
Erbium	164-2	13	23	3	13	75.02	cps
Gadolinium	160-1	25	58	50	44	39.04	cps
Gadolinium	160-2	10	17	23	17	39.99	cps
Holmium	165-1	6224444	6322940	6313911	6287098	0.87	cps
Holmium	165-2	2111000	2135526	2073336	2106621	1.49	cps
Indium	115-1	5959202	6087251	6046471	6030975	1.08	cps
Indium	115-2	389090	386173	379890	385051	1.22	cps
Iron	56-2	9699105	9797897	9735092	9744031	0.51	cps
Iron	57-2	246538	248630	243643	246270	1.02	cps
Lead	206-1	979365	992921	984672	985653	0.69	cps
Lead	207-1	886552	889124	899321	891666	0.76	cps
Lead	208-1	4049211	4032630	4042744	4041528	0.21	cps
Lithium	6-1	1252166	1228069	1234004	1238080	1.01	cps
Magnesium	24-2	1008442	1013698	1005441	1009194	0.41	cps
Manganese	55-2	165264	166139	165092	165498	0.34	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:45:21	DataFile Name :	009CAL5_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1762797	1758258	1782306	1767787	0.72	cps
Molybdenum	95-1	927781	932845	932304	930976	0.30	cps
Molybdenum	96-1	1186209	1197142	1202879	1195410	0.71	cps
Molybdenum	97-1	575828	577456	580233	577839	0.39	cps
Molybdenum	98-1	1501862	1511362	1475371	1496198	1.25	cps
Neodymium	150-1	53	53	33	47	24.74	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	174954	176543	175865	175787	0.45	cps
Phosphorus	31-2	3526	3009	3017	3184	9.30	cps
Potassium	39-2	324886	324190	322446	323841	0.39	cps
Rhodium	103-1	5894204	5858444	5909131	5887260	0.44	cps
Rhodium	103-2	2011655	1989803	1979676	1993712	0.82	cps
Scandium	45-1	4215690	4271031	4230456	4239059	0.68	cps
Scandium	45-2	44112	44002	44283	44133	0.32	cps
Selenium	77-2	287	283	263	278	4.54	cps
Selenium	78-2	878	989	848	905	8.20	cps
Selenium	82-1	30748	30913	31011	30891	0.43	cps
Silicon	28-1	1392289	1399241	1406135	1399222	0.49	cps
Silver	109-1	2251063	2241863	2253431	2248786	0.27	cps
Silver	107-1	2357812	2358129	2381038	2365660	0.56	cps
Sodium	23-2	2514349	2507081	2470887	2497439	0.93	cps
Strontium	86-1	602482	605963	609183	605876	0.55	cps
Strontium	88-1	5156940	5197736	5196955	5183877	0.45	cps
Sulfur	34-1	545571	548039	549146	547585	0.33	cps
Terbium	159-1	6610613	6574149	6648678	6611147	0.56	cps
Terbium	159-2	2054746	2043653	2025820	2041406	0.71	cps
Thallium	203-1	1215987	1230438	1230587	1225671	0.68	cps
Thallium	205-1	2960513	2981404	2946294	2962737	0.60	cps
Tin	118-1	1425873	1433932	1435007	1431604	0.35	cps
Titanium	47-1	285956	281325	284306	283862	0.83	cps
Uranium	238-1	3574084	3574926	3561431	3570147	0.21	cps
Vanadium	51-2	214063	215633	215013	214903	0.37	cps
Yttrium	89-1	6782561	6757997	6821118	6787225	0.47	cps
Yttrium	89-2	292626	290389	286532	289849	1.06	cps
Zinc	66-2	95898	95217	95637	95584	0.36	cps
Zirconium	90-1	3421893	3359036	3428247	3403058	1.12	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:45:21	DataFile Name :	009CALS_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	738024	746077	745194	743098	0.59	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:56:27	DataFile Name :	012CAL5_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75015	75392	75568	75325	0.38	cps
Antimony	121-1	4212246	4254055	4171023	4212441	0.99	cps
Arsenic	75-2	66405	67143	67501	67016	0.83	cps
Barium	135-1	4310305	4253128	4169005	4244146	1.67	cps
Barium	137-1	7266368	7293240	7123667	7227758	1.26	cps
Beryllium	9-1	745610	751281	726223	741038	1.77	cps
Bismuth	209-1	3520265	3716284	3715866	3650805	3.10	cps
Bismuth	209-2	1556077	1546790	1557465	1553444	0.37	cps
Boron	10-1	89310	89873	89453	89545	0.33	cps
Boron	11-1	401729	409817	399840	403795	1.31	cps
Cadmium	111-1	931742	938855	902693	924430	2.07	cps
Cadmium	106-1	96955	98063	92406	95808	3.13	cps
Cadmium	108-1	66291	65596	63888	65259	1.89	cps
Calcium	43-1	1053747	1061094	1031893	1048911	1.45	cps
Calcium	44-1	17227529	17193169	16656682	17025793	1.88	cps
Chromium	52-2	533957	539646	539699	537768	0.61	cps
Cobalt	59-2	1105107	1118569	1121661	1115113	0.79	cps
Copper	63-2	1936237	1953513	1952368	1947373	0.50	cps
Dysprosium	156-1	33	58	83	58	42.85	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	25	67	42	44	47.19	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	83	50	108	81	36.33	cps
Gadolinium	160-2	23	20	17	20	16.65	cps
Holmium	165-1	6029033	6397225	6486938	6304399	3.85	cps
Holmium	165-2	2036219	2067733	2068190	2057380	0.89	cps
Indium	115-1	5643006	5847435	5953529	5814656	2.71	cps
Indium	115-2	364981	366402	367065	366150	0.29	cps
Iron	56-2	17934578	18100305	18199739	18078207	0.74	cps
Iron	57-2	450237	456365	463423	456675	1.44	cps
Lead	206-1	2107957	2145842	2066290	2106696	1.89	cps
Lead	207-1	1896562	1890289	1859986	1882279	1.04	cps
Lead	208-1	8525991	8569728	8341956	8479225	1.43	cps
Lithium	6-1	1123761	1195024	1206931	1175239	3.83	cps
Magnesium	24-2	1886614	1913984	1896511	1899036	0.73	cps
Manganese	55-2	302063	307227	308885	306058	1.16	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:56:27	DataFile Name :	012CAL5_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3530418	3538312	3432767	3500499	1.68	cps
Molybdenum	95-1	1957550	1945083	1889188	1930607	1.89	cps
Molybdenum	96-1	2511393	2488952	2401068	2467138	2.36	cps
Molybdenum	97-1	1168529	1160992	1129809	1153110	1.78	cps
Molybdenum	98-1	3072448	3044050	2919841	3012113	2.69	cps
Neodymium	150-1	113	147	153	138	15.55	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	326214	327058	325389	326220	0.26	cps
Phosphorus	31-2	5368	5977	5726	5690	5.38	cps
Potassium	39-2	591686	597678	595750	595038	0.51	cps
Rhodium	103-1	5493276	5656371	5790349	5646665	2.63	cps
Rhodium	103-2	1906574	1937162	1915477	1919738	0.82	cps
Scandium	45-1	3915752	4005608	4043446	3988268	1.64	cps
Scandium	45-2	41464	42250	42083	41933	0.99	cps
Selenium	77-2	480	503	497	493	2.44	cps
Selenium	78-2	1552	1676	1767	1665	6.48	cps
Selenium	82-1	61032	61331	59369	60577	1.75	cps
Silicon	28-1	2218318	2225308	2219687	2221104	0.17	cps
Silver	109-1	4498665	4511997	4326367	4445676	2.33	cps
Silver	107-1	4708218	4737113	4552796	4666042	2.12	cps
Sodium	23-2	4639115	4665535	4615978	4640209	0.53	cps
Strontium	86-1	1211180	1213291	1183038	1202503	1.40	cps
Strontium	88-1	10388243	10349563	9997112	10244973	2.10	cps
Sulfur	34-1	680730	690037	664384	678384	1.91	cps
Terbium	159-1	6358354	6632910	6756609	6582624	3.10	cps
Terbium	159-2	1994755	1978484	2008308	1993849	0.75	cps
Thallium	203-1	2656153	2704880	2588889	2649974	2.20	cps
Thallium	205-1	6130810	6168676	5955083	6084856	1.87	cps
Tin	118-1	2910405	2937690	2906386	2918160	0.58	cps
Titanium	47-1	560980	558249	536489	551906	2.43	cps
Uranium	238-1	7534914	7594731	7301252	7476966	2.07	cps
Vanadium	51-2	401346	398888	403268	401167	0.55	cps
Yttrium	89-1	6326323	6574977	6724944	6542081	3.08	cps
Yttrium	89-2	275404	279686	276225	277105	0.82	cps
Zinc	66-2	175426	179164	176848	177146	1.06	cps
Zirconium	90-1	6716116	6702777	6516755	6645216	1.68	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 12:56:27	DataFile Name :	012CALS_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1486978	1491225	1450805	1476336	1.50	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:02:47	DataFile Name :	014CAL5_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	147669	146052	145885	146535	0.67	cps
Antimony	121-1	8191088	8234221	8170210	8198506	0.40	cps
Arsenic	75-2	130679	130625	129401	130235	0.56	cps
Barium	135-1	8299623	8239617	8242103	8260447	0.41	cps
Barium	137-1	14340399	14334139	14253531	14309356	0.34	cps
Beryllium	9-1	1440545	1445266	1462818	1449543	0.81	cps
Bismuth	209-1	3479741	3688141	3707866	3625249	3.49	cps
Bismuth	209-2	1496385	1517934	1518956	1511091	0.84	cps
Boron	10-1	169220	172104	176135	172486	2.01	cps
Boron	11-1	774113	781891	791685	782563	1.13	cps
Cadmium	111-1	1853830	1810929	1812152	1825637	1.34	cps
Cadmium	106-1	185037	185206	187337	185860	0.69	cps
Cadmium	108-1	126163	125835	126941	126313	0.45	cps
Calcium	43-1	2058185	2068425	2060505	2062372	0.26	cps
Calcium	44-1	33374932	33011038	32908758	33098243	0.74	cps
Chromium	52-2	1045144	1054161	1052090	1050465	0.45	cps
Cobalt	59-2	2224514	2217317	2219634	2220488	0.17	cps
Copper	63-2	3754640	3749446	3755035	3753040	0.08	cps
Dysprosium	156-1	108	108	117	111	4.33	cps
Dysprosium	156-2	30	23	23	26	15.07	cps
Erbium	164-1	33	42	17	31	41.66	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	167	117	100	128	27.15	cps
Gadolinium	160-2	17	3	30	17	80.01	cps
Holmium	165-1	5933936	6399633	6485478	6273016	4.73	cps
Holmium	165-2	2012742	2011256	2013824	2012607	0.06	cps
Indium	115-1	5396050	5819578	5876022	5697217	4.60	cps
Indium	115-2	346378	348663	350810	348617	0.64	cps
Iron	56-2	35387683	35513524	35634109	35511772	0.35	cps
Iron	57-2	888687	896492	896726	893968	0.51	cps
Lead	206-1	4112161	4173015	4171565	4152247	0.84	cps
Lead	207-1	3699766	3671292	3734933	3701997	0.86	cps
Lead	208-1	16631952	16579222	16709897	16640357	0.40	cps
Lithium	6-1	1103698	1186911	1205470	1165360	4.65	cps
Magnesium	24-2	3689979	3750730	3744168	3728292	0.89	cps
Manganese	55-2	595885	600455	599350	598563	0.40	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:02:47	DataFile Name :	014CAL5_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6825376	6808110	6833145	6822210	0.19	cps
Molybdenum	95-1	3758778	3750509	3763227	3757505	0.17	cps
Molybdenum	96-1	4815763	4820918	4838980	4825220	0.25	cps
Molybdenum	97-1	2311175	2301572	2320176	2310974	0.40	cps
Molybdenum	98-1	5848881	5892529	5866242	5869217	0.37	cps
Neodymium	150-1	187	247	233	222	14.18	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	634359	633783	631756	633299	0.22	cps
Phosphorus	31-2	11430	11764	11230	11475	2.35	cps
Potassium	39-2	1159176	1160330	1157714	1159073	0.11	cps
Rhodium	103-1	5207630	5604604	5653506	5488580	4.46	cps
Rhodium	103-2	1852633	1857183	1845100	1851639	0.33	cps
Scandium	45-1	3773759	3996504	4019983	3930082	3.46	cps
Scandium	45-2	41123	41608	41291	41341	0.60	cps
Selenium	77-2	940	930	920	930	1.08	cps
Selenium	78-2	3278	3195	3130	3201	2.32	cps
Selenium	82-1	116972	118351	117249	117524	0.62	cps
Silicon	28-1	3903169	3939748	3939142	3927353	0.53	cps
Silver	109-1	8538518	8608618	8528187	8558441	0.51	cps
Silver	107-1	9106870	8904921	9029678	9013823	1.13	cps
Sodium	23-2	9035992	9040624	9150698	9075771	0.72	cps
Strontium	86-1	2393832	2444050	2419478	2419120	1.04	cps
Strontium	88-1	20390270	20443834	20465603	20433236	0.19	cps
Sulfur	34-1	985214	986197	984362	985258	0.09	cps
Terbium	159-1	6237377	6738744	6764728	6580283	4.52	cps
Terbium	159-2	1967389	1979534	1960383	1969102	0.49	cps
Thallium	203-1	5154284	5122367	5147886	5141513	0.33	cps
Thallium	205-1	11808704	11867615	12058779	11911699	1.10	cps
Tin	118-1	5741059	5742320	5746820	5743400	0.05	cps
Titanium	47-1	1081185	1087925	1070060	1079723	0.84	cps
Uranium	238-1	14954094	14940148	15079322	14991188	0.51	cps
Vanadium	51-2	787194	790390	789157	788914	0.20	cps
Yttrium	89-1	6127511	6605565	6645619	6459565	4.46	cps
Yttrium	89-2	269617	269787	272383	270595	0.57	cps
Zinc	66-2	341213	342866	341755	341945	0.25	cps
Zirconium	90-1	13175442	13098064	13050044	13107850	0.48	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:02:47	DataFile Name :	014CALS_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2901037	2919633	2911326	2910665	0.32	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:05:53	DataFile Name :	015CALS_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	810937	816058	811717	812904	0.34	cps
Antimony	121-1	18480	17662	17462	17868	3.02	cps
Arsenic	75-2	39	54	33	42	25.09	cps
Barium	135-1	2775	2609	2759	2714	3.38	cps
Barium	137-1	4718	4584	5060	4787	5.12	cps
Beryllium	9-1	511	489	544	515	5.43	cps
Bismuth	209-1	3569374	3575308	3461198	3535293	1.82	cps
Bismuth	209-2	1507782	1448505	1501656	1485981	2.19	cps
Boron	10-1	7277	7461	6368	7035	8.31	cps
Boron	11-1	34317	32822	30174	32438	6.47	cps
Cadmium	111-1	1060	1154	1244	1153	7.99	cps
Cadmium	106-1	1158	1242	1517	1306	14.36	cps
Cadmium	108-1	25	46	25	32	37.65	cps
Calcium	43-1	10774309	10784330	10789139	10782593	0.07	cps
Calcium	44-1	175692166	176308212	174984187	175661522	0.38	cps
Chromium	52-2	5278	5231	5068	5192	2.12	cps
Cobalt	59-2	2764	2780	2794	2779	0.54	cps
Copper	63-2	5715	5605	5638	5652	1.00	cps
Dysprosium	156-1	42	92	42	58	49.48	cps
Dysprosium	156-2	20	23	10	18	39.03	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	83	67	125	92	32.78	cps
Gadolinium	160-2	27	23	10	20	44.10	cps
Holmium	165-1	6560822	6415908	6354766	6443832	1.64	cps
Holmium	165-2	2119560	2035507	2133104	2096057	2.52	cps
Indium	115-1	5905540	5964938	5877319	5915932	0.76	cps
Indium	115-2	375831	360538	378109	371493	2.57	cps
Iron	56-2	184632510	184479060	186341465	185151012	0.56	cps
Iron	57-2	4661096	4627138	4714340	4667525	0.94	cps
Lead	206-1	8670	8864	8420	8651	2.58	cps
Lead	207-1	7086	7402	7119	7202	2.42	cps
Lead	208-1	33235	34019	32311	33188	2.58	cps
Lithium	6-1	1217284	1207803	1206430	1210506	0.49	cps
Magnesium	24-2	19522941	19633606	19619328	19591958	0.31	cps
Manganese	55-2	1737	1673	1703	1705	1.86	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:05:53	DataFile Name :	015CAL5_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3284	3226	3109	3206	2.78	cps
Molybdenum	95-1	4092	3792	3534	3806	7.34	cps
Molybdenum	96-1	6443	6660	6460	6521	1.85	cps
Molybdenum	97-1	2409	2284	2209	2300	4.39	cps
Molybdenum	98-1	6460	5735	5885	6027	6.35	cps
Neodymium	150-1	73	73	107	84	22.79	cps
Neodymium	150-2	20	23	23	22	8.65	cps
Nickel	60-2	1803	1683	1870	1786	5.30	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	6207559	6231916	6280345	6239940	0.59	cps
Rhodium	103-1	5498788	5579090	5552879	5543585	0.74	cps
Rhodium	103-2	1886378	1794549	1892371	1857766	2.95	cps
Scandium	45-1	4157187	4180133	4159866	4165729	0.30	cps
Scandium	45-2	44139	41906	44066	43370	2.92	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	4	7	4	65.54	cps
Selenium	82-1	-27	66	45	28	174.31	cps
Silicon	28-1	484822	486237	479860	483640	0.69	cps
Silver	109-1	800	875	908	861	6.44	cps
Silver	107-1	925	1042	850	939	10.29	cps
Sodium	23-2	48008905	48130414	48547998	48229106	0.59	cps
Strontium	86-1	85089	85803	86105	85665	0.61	cps
Strontium	88-1	729164	725688	724311	726387	0.34	cps
Sulfur	34-1	373070	379825	382718	378538	1.31	cps
Terbium	159-1	6861653	6822414	6691429	6791832	1.31	cps
Terbium	159-2	2087975	1971931	2065788	2041898	3.02	cps
Thallium	203-1	1650	1483	1609	1581	5.49	cps
Thallium	205-1	4084	3751	3276	3703	10.97	cps
Tin	118-1	3876	3909	3484	3756	6.29	cps
Titanium	47-1	825	850	967	881	8.59	cps
Uranium	238-1	925	950	908	928	2.26	cps
Vanadium	51-2	220	190	210	207	7.39	cps
Yttrium	89-1	6740542	6838427	6787949	6788972	0.72	cps
Yttrium	89-2	292012	280452	291337	287934	2.25	cps
Zinc	66-2	1290	1207	1217	1238	3.68	cps
Zirconium	90-1	2517	2609	2267	2464	7.18	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:05:53	DataFile Name :	015CALS_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	492	542	492	508	5.68	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 13:14:02 DataFile Name : 016ICV01_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4001	4326	4284	4204	4.21	cps
Antimony	121-1	1604809	1614781	1577272	1598954	1.22	cps
Arsenic	75-2	28607	28557	28091	28419	1.00	cps
Barium	135-1	157401	158707	157627	157912	0.44	cps
Barium	137-1	276362	278928	275697	276996	0.62	cps
Beryllium	9-1	148889	151196	149377	149821	0.81	cps
Bismuth	209-1	3464864	3530283	3496887	3497344	0.94	cps
Bismuth	209-2	1613355	1613646	1603151	1610051	0.37	cps
Boron	10-1	96709	95039	97279	96342	1.21	cps
Boron	11-1	436512	440170	439939	438874	0.47	cps
Cadmium	111-1	184710	185304	182756	184257	0.72	cps
Cadmium	106-1	29817	29349	30034	29734	1.18	cps
Cadmium	108-1	16177	16318	16719	16405	1.71	cps
Calcium	43-1	49187	50166	50501	49951	1.37	cps
Calcium	44-1	801892	805055	807586	804845	0.35	cps
Chromium	52-2	116739	114352	115606	115566	1.03	cps
Cobalt	59-2	243657	242033	242388	242693	0.35	cps
Copper	63-2	207859	207982	207529	207790	0.11	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	50	58	53	9.12	cps
Erbium	164-2	27	3	20	17	72.13	cps
Gadolinium	160-1	42	42	67	50	28.87	cps
Gadolinium	160-2	0	10	17	9	94.38	cps
Holmium	165-1	6017518	6053802	6051606	6040976	0.34	cps
Holmium	165-2	2144741	2135871	2130541	2137051	0.34	cps
Indium	115-1	5964137	5974183	5921424	5953248	0.47	cps
Indium	115-2	396172	397315	395186	396224	0.27	cps
Iron	56-2	786990	784952	787784	786576	0.19	cps
Iron	57-2	20265	19659	19915	19946	1.53	cps
Lead	206-1	747327	761365	754939	754543	0.93	cps
Lead	207-1	642977	663396	657400	654591	1.60	cps
Lead	208-1	2947423	3023430	3003485	2991446	1.32	cps
Lithium	6-1	1294900	1272059	1270529	1279162	1.07	cps
Magnesium	24-2	49922	48919	49863	49568	1.14	cps
Manganese	55-2	33935	33153	33597	33562	1.17	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:14:02	DataFile Name :	016ICV01_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3448624	3401044	3401671	3417113	0.80	cps
Molybdenum	95-1	1882809	1892946	1903102	1892952	0.54	cps
Molybdenum	96-1	2416829	2394241	2410926	2407332	0.49	cps
Molybdenum	97-1	1121027	1136397	1122426	1126617	0.75	cps
Molybdenum	98-1	2920154	2971261	2937896	2943104	0.88	cps
Neodymium	150-1	27	7	27	20	57.73	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	70936	71476	71361	71258	0.40	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	57343	57703	56765	57270	0.83	cps
Rhodium	103-1	5847773	5998952	5885838	5910854	1.33	cps
Rhodium	103-2	2081160	2066892	2100362	2082805	0.81	cps
Scandium	45-1	4316658	4302724	4290026	4303136	0.31	cps
Scandium	45-2	47196	46624	46691	46837	0.67	cps
Selenium	77-2	170	143	177	163	10.80	cps
Selenium	78-2	706	769	706	727	5.00	cps
Selenium	82-1	24085	24261	24008	24118	0.54	cps
Silicon	28-1	2297493	2322037	2268145	2295891	1.18	cps
Silver	109-1	846781	856471	844351	849201	0.76	cps
Silver	107-1	897549	907533	893377	899487	0.81	cps
Sodium	23-2	211964	208842	210222	210343	0.74	cps
Strontium	86-1	1211827	1203535	1199369	1204910	0.53	cps
Strontium	88-1	10278582	10202073	10205673	10228776	0.42	cps
Sulfur	34-1	382855	384122	379322	382100	0.65	cps
Terbium	159-1	6396639	6357103	6196414	6316719	1.68	cps
Terbium	159-2	2098379	2086855	2051300	2078844	1.18	cps
Thallium	203-1	951436	948463	969285	956395	1.18	cps
Thallium	205-1	2306712	2317870	2320274	2314952	0.31	cps
Tin	118-1	2865207	2854947	2844591	2854915	0.36	cps
Titanium	47-1	566946	565293	564846	565695	0.20	cps
Uranium	238-1	7039596	7163474	7123335	7108802	0.89	cps
Vanadium	51-2	85438	86096	85770	85768	0.38	cps
Yttrium	89-1	6877767	6782698	6817588	6826018	0.70	cps
Yttrium	89-2	302456	304595	302757	303269	0.38	cps
Zinc	66-2	38704	39032	38330	38689	0.91	cps
Zirconium	90-1	6511879	6561760	6506851	6526830	0.47	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:14:02	DataFile Name :	016ICV01_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1448488	1442419	1449331	1446746	0.26	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:21:27	DataFile Name :	018LCSE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	142	217	181	20.81	cps
Antimony	121-1	12848	13065	12782	12898	1.15	cps
Arsenic	75-2	111	139	119	123	11.71	cps
Barium	135-1	12907	13182	11689	12593	6.31	cps
Barium	137-1	21844	20784	21652	21426	2.64	cps
Beryllium	9-1	1400	1572	1350	1441	8.09	cps
Bismuth	209-1	3464183	3466523	3370621	3433776	1.59	cps
Bismuth	209-2	1577615	1541586	1548611	1555937	1.23	cps
Boron	10-1	5443	5084	5351	5293	3.52	cps
Boron	11-1	25081	24889	24705	24892	0.75	cps
Cadmium	111-1	2436	2359	2409	2401	1.65	cps
Cadmium	106-1	1625	1450	1433	1503	7.07	cps
Cadmium	108-1	121	117	117	118	2.04	cps
Calcium	43-1	10496	11330	11572	11133	5.07	cps
Calcium	44-1	190426	194607	190612	191882	1.23	cps
Chromium	52-2	3114	3254	3230	3199	2.34	cps
Cobalt	59-2	1904	2040	2094	2012	4.87	cps
Copper	63-2	4251	3947	4061	4086	3.75	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	17	17	22	43.30	cps
Erbium	164-2	3	3	23	10	115.51	cps
Gadolinium	160-1	25	50	17	31	56.77	cps
Gadolinium	160-2	20	7	13	13	49.99	cps
Holmium	165-1	6134319	5923748	5873730	5977266	2.31	cps
Holmium	165-2	2150097	2078712	2106883	2111897	1.70	cps
Indium	115-1	6106097	5960630	5986770	6017833	1.29	cps
Indium	115-2	407255	393712	398216	399728	1.73	cps
Iron	56-2	35640	34783	35891	35438	1.64	cps
Iron	57-2	833	933	878	882	5.68	cps
Lead	206-1	4418	4240	4223	4293	2.51	cps
Lead	207-1	4006	3445	3495	3649	8.51	cps
Lead	208-1	17967	16466	16633	17022	4.83	cps
Lithium	6-1	1277045	1257537	1266064	1266882	0.77	cps
Magnesium	24-2	16877	17019	15934	16610	3.55	cps
Manganese	55-2	400	387	373	387	3.45	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:21:27	DataFile Name :	018LCSE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12373	12289	11873	12178	2.20	cps
Molybdenum	95-1	14984	14041	13866	14297	4.21	cps
Molybdenum	96-1	16536	15443	15851	15943	3.46	cps
Molybdenum	97-1	8862	8912	8945	8906	0.47	cps
Molybdenum	98-1	22970	22386	22511	22622	1.36	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	790	893	703	796	11.96	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	15109	15359	14950	15139	1.36	cps
Rhodium	103-1	6057071	5924805	5756582	5912820	2.55	cps
Rhodium	103-2	2124987	2045106	2040486	2070193	2.29	cps
Scandium	45-1	4323736	4381442	4308165	4337781	0.89	cps
Scandium	45-2	46938	45016	45333	45762	2.25	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	7	22	22	17	49.47	cps
Selenium	82-1	449	566	427	481	15.63	cps
Silicon	28-1	487227	486932	472043	482067	1.80	cps
Silver	109-1	9162	9420	8995	9192	2.33	cps
Silver	107-1	9654	9921	9712	9762	1.44	cps
Sodium	23-2	48885	49428	48651	48988	0.81	cps
Strontium	86-1	3334	3292	3392	3339	1.50	cps
Strontium	88-1	16961	17178	16619	16919	1.67	cps
Sulfur	34-1	378662	373992	377370	376675	0.64	cps
Terbium	159-1	6371324	6316031	6244323	6310559	1.01	cps
Terbium	159-2	2085877	2036289	2037282	2053149	1.38	cps
Thallium	203-1	3968	4134	3817	3973	3.99	cps
Thallium	205-1	8962	9262	9220	9148	1.78	cps
Tin	118-1	22086	23296	22269	22550	2.89	cps
Titanium	47-1	4309	4526	4568	4468	3.11	cps
Uranium	238-1	10346	10530	10071	10316	2.24	cps
Vanadium	51-2	3634	3430	3244	3436	5.68	cps
Yttrium	89-1	6860400	6882148	6695364	6812637	1.50	cps
Yttrium	89-2	302980	297503	299645	300043	0.92	cps
Zinc	66-2	617	587	520	574	8.61	cps
Zirconium	90-1	10605	10121	10721	10482	3.04	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:21:27	DataFile Name :	018LCSE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2575	2442	2375	2464	4.13	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 13:24:37 DataFile Name : 019CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	17	14	34.67	cps
Antimony	121-1	408	392	358	386	6.59	cps
Arsenic	75-2	9	9	7	9	12.36	cps
Barium	135-1	25	42	33	33	25.01	cps
Barium	137-1	58	42	58	53	18.23	cps
Beryllium	9-1	194	244	206	215	12.22	cps
Bismuth	209-1	3316402	3284427	3338670	3313166	0.82	cps
Bismuth	209-2	1582602	1565805	1566073	1571494	0.61	cps
Boron	10-1	2075	1900	1967	1981	4.46	cps
Boron	11-1	8578	8228	8044	8283	3.27	cps
Cadmium	111-1	932	783	838	851	8.88	cps
Cadmium	106-1	1308	1100	1192	1200	8.70	cps
Cadmium	108-1	13	0	0	4	173.21	cps
Calcium	43-1	2750	2650	2517	2639	4.44	cps
Calcium	44-1	49371	49371	50124	49622	0.88	cps
Chromium	52-2	1247	1160	1113	1173	5.77	cps
Cobalt	59-2	50	53	87	63	32.02	cps
Copper	63-2	323	477	323	374	23.64	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	50	8	28	75.51	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	75	92	42	69	36.66	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	5866295	5747633	5861792	5825240	1.15	cps
Holmium	165-2	2115152	2102058	2118641	2111951	0.41	cps
Indium	115-1	5820697	5843776	5906404	5856959	0.76	cps
Indium	115-2	400152	404619	402257	402342	0.56	cps
Iron	56-2	3534	3589	3745	3623	3.02	cps
Iron	57-2	106	100	117	107	7.90	cps
Lead	206-1	467	511	500	493	4.70	cps
Lead	207-1	417	400	500	439	12.21	cps
Lead	208-1	1978	2011	1956	1982	1.41	cps
Lithium	6-1	1244859	1207759	1236206	1229608	1.58	cps
Magnesium	24-2	208	217	158	194	16.23	cps
Manganese	55-2	107	140	123	123	13.51	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:24:37	DataFile Name :	019CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	158	175	181	14.10	cps
Molybdenum	95-1	33	58	67	53	32.88	cps
Molybdenum	96-1	150	150	150	150	0.00	cps
Molybdenum	97-1	83	50	17	50	66.67	cps
Molybdenum	98-1	125	92	83	100	22.05	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	217	213	233	221	4.85	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3684	3851	3734	3756	2.28	cps
Rhodium	103-1	5836147	5684553	5723313	5748005	1.37	cps
Rhodium	103-2	2091225	2115221	2091221	2099222	0.66	cps
Scandium	45-1	4239034	4202654	4211893	4217860	0.45	cps
Scandium	45-2	46316	45744	46192	46084	0.65	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	-23	-4	-84	-37	-112.04	cps
Silicon	28-1	446835	442845	450851	446844	0.90	cps
Silver	109-1	367	325	417	369	12.42	cps
Silver	107-1	400	375	333	369	9.12	cps
Sodium	23-2	8136	7928	7944	8003	1.45	cps
Strontium	86-1	1225	1408	1483	1372	9.69	cps
Strontium	88-1	183	225	192	200	11.02	cps
Sulfur	34-1	381451	381790	380034	381092	0.24	cps
Terbium	159-1	6116706	6070642	6137863	6108404	0.56	cps
Terbium	159-2	2076449	2073858	2056695	2069000	0.52	cps
Thallium	203-1	150	225	250	208	24.98	cps
Thallium	205-1	558	642	600	600	6.94	cps
Tin	118-1	1008	1225	1150	1128	9.76	cps
Titanium	47-1	258	158	175	197	27.17	cps
Uranium	238-1	42	75	58	58	28.57	cps
Vanadium	51-2	23	10	20	18	39.03	cps
Yttrium	89-1	6720035	6516246	6576581	6604287	1.59	cps
Yttrium	89-2	302036	302345	301326	301902	0.17	cps
Zinc	66-2	127	133	110	123	9.75	cps
Zirconium	90-1	500	508	508	506	0.95	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:24:37	DataFile Name :	019CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	117	108	103	16.88	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:27:45	DataFile Name :	020ICSA01_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	738092	725405	730034	731177	0.88	cps
Antimony	121-1	9646	9637	10046	9776	2.39	cps
Arsenic	75-2	30	56	31	39	37.20	cps
Barium	135-1	2200	2350	2450	2334	5.39	cps
Barium	137-1	4418	4176	4451	4348	3.45	cps
Beryllium	9-1	594	600	628	607	2.94	cps
Bismuth	209-1	3495812	3453938	3454631	3468127	0.69	cps
Bismuth	209-2	1460642	1498925	1507025	1488864	1.66	cps
Boron	10-1	2092	2092	1842	2009	7.19	cps
Boron	11-1	9170	8836	8836	8948	2.15	cps
Cadmium	111-1	1553	1358	1382	1431	7.42	cps
Cadmium	106-1	1325	1258	1317	1300	2.79	cps
Cadmium	108-1	738	842	825	801	6.98	cps
Calcium	43-1	2135675	2136238	2142115	2138009	0.17	cps
Calcium	44-1	34773596	34721100	34863986	34786227	0.21	cps
Chromium	52-2	23290	23039	23159	23163	0.54	cps
Cobalt	59-2	2837	2567	2690	2698	5.01	cps
Copper	63-2	15315	16113	15909	15779	2.63	cps
Dysprosium	156-1	17	42	50	36	48.03	cps
Dysprosium	156-2	13	10	17	13	25.01	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	13	3	17	11	62.48	cps
Gadolinium	160-1	67	83	83	78	12.37	cps
Gadolinium	160-2	33	33	13	27	43.31	cps
Holmium	165-1	6238021	6231979	6219873	6229958	0.15	cps
Holmium	165-2	2041016	2076940	2064224	2060727	0.88	cps
Indium	115-1	5969342	5971908	5908735	5949995	0.60	cps
Indium	115-2	366250	380504	374303	373686	1.91	cps
Iron	56-2	74159563	73476560	73471096	73702406	0.54	cps
Iron	57-2	1912066	1897481	1868463	1892670	1.17	cps
Lead	206-1	18848	18948	17880	18558	3.18	cps
Lead	207-1	14770	14570	14142	14494	2.22	cps
Lead	208-1	68957	68355	67416	68243	1.14	cps
Lithium	6-1	1216538	1181800	1201591	1199976	1.45	cps
Magnesium	24-2	3869709	3805174	3819003	3831295	0.89	cps
Manganese	55-2	2597	2580	2640	2606	1.19	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:27:45	DataFile Name :	020ICSA01_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4072244	4122150	4127652	4107349	0.74	cps
Molybdenum	95-1	7177261	7270035	7270340	7239212	0.74	cps
Molybdenum	96-1	7807538	7808925	7737845	7784770	0.52	cps
Molybdenum	97-1	4492839	4431628	4405382	4443283	1.01	cps
Molybdenum	98-1	11430261	11504448	11367101	11433937	0.60	cps
Neodymium	150-1	27	20	27	24	15.75	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	3981	3717	3907	3868	3.51	cps
Phosphorus	31-2	60271	60464	59410	60048	0.93	cps
Potassium	39-2	2507763	2474248	2481882	2487964	0.71	cps
Rhodium	103-1	5758824	5747333	5671194	5725784	0.83	cps
Rhodium	103-2	1878280	1922987	1951667	1917644	1.93	cps
Scandium	45-1	4216945	4237830	4178564	4211113	0.71	cps
Scandium	45-2	42254	42942	43113	42770	1.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	-100	35	17	-16	-450.55	cps
Silicon	28-1	576011	568868	570248	571709	0.66	cps
Silver	109-1	2092	2142	2142	2125	1.36	cps
Silver	107-1	1967	2159	2142	2089	5.08	cps
Sodium	23-2	9506550	9359378	9344704	9403544	0.95	cps
Strontium	86-1	83111	82155	83077	82781	0.65	cps
Strontium	88-1	701443	697047	695677	698056	0.43	cps
Sulfur	34-1	2895783	2883100	2869234	2882706	0.46	cps
Terbium	159-1	6518527	6573699	6529061	6540429	0.45	cps
Terbium	159-2	1994848	2050698	2055537	2033695	1.66	cps
Thallium	203-1	417	417	467	433	6.66	cps
Thallium	205-1	1000	1042	1250	1097	12.21	cps
Tin	118-1	1825	1734	1875	1811	3.97	cps
Titanium	47-1	2218763	2236138	2220961	2225287	0.43	cps
Uranium	238-1	250	317	308	292	12.45	cps
Vanadium	51-2	143	140	147	143	2.33	cps
Yttrium	89-1	6809628	6826213	6689819	6775220	1.10	cps
Yttrium	89-2	281316	288928	289656	286633	1.61	cps
Zinc	66-2	2417	2694	2267	2459	8.80	cps
Zirconium	90-1	1725	1700	1367	1597	12.53	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:27:45	DataFile Name :	020ICSA01_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	458	275	364	25.23	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 13:30:50 DataFile Name : 021ICSB_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	721757	710505	708492	713585	1.00	cps
Antimony	121-1	162628	167834	168323	166262	1.90	cps
Arsenic	75-2	2741	2624	2489	2618	4.81	cps
Barium	135-1	35206	34145	35549	34967	2.09	cps
Barium	137-1	59493	58514	60381	59463	1.57	cps
Beryllium	9-1	29124	28813	29714	29217	1.57	cps
Bismuth	209-1	3438333	3474427	3450404	3454388	0.53	cps
Bismuth	209-2	1505618	1479841	1274243	1419901	8.93	cps
Boron	10-1	10763	11288	10938	10996	2.43	cps
Boron	11-1	47588	47605	49269	48154	2.01	cps
Cadmium	111-1	37095	36141	36913	36716	1.38	cps
Cadmium	106-1	5526	5293	5418	5412	2.16	cps
Cadmium	108-1	3459	3442	3521	3474	1.20	cps
Calcium	43-1	2119684	2106409	2139626	2121906	0.79	cps
Calcium	44-1	34231326	34467452	34418724	34372500	0.36	cps
Chromium	52-2	44889	43929	43959	44259	1.23	cps
Cobalt	59-2	47758	47544	47110	47471	0.70	cps
Copper	63-2	54701	52566	53165	53477	2.06	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	33	50	75	53	39.74	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	108	17	50	58	79.54	cps
Gadolinium	160-2	20	13	20	18	21.66	cps
Holmium	165-1	6282521	6292687	6271318	6282175	0.17	cps
Holmium	165-2	2065966	2063253	1741581	1956933	9.53	cps
Indium	115-1	5910099	5972703	5968418	5950407	0.59	cps
Indium	115-2	377371	372749	321993	357371	8.60	cps
Iron	56-2	72666985	71397690	70854436	71639704	1.30	cps
Iron	57-2	1856732	1827741	1811573	1832015	1.25	cps
Lead	206-1	94461	93811	94628	94300	0.46	cps
Lead	207-1	78402	77174	78732	78103	1.05	cps
Lead	208-1	362285	358293	363460	361346	0.75	cps
Lithium	6-1	1175926	1190407	1198626	1188320	0.97	cps
Magnesium	24-2	3762495	3711897	3665774	3713389	1.30	cps
Manganese	55-2	8893	8569	8766	8743	1.86	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 13:30:50 DataFile Name : 021ICSB_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4385097	4431519	4406290	4407635	0.53	cps
Molybdenum	95-1	7277142	7384110	7454224	7371825	1.21	cps
Molybdenum	96-1	7875421	7962724	7962782	7933642	0.64	cps
Molybdenum	97-1	4512104	4558935	4536864	4535967	0.52	cps
Molybdenum	98-1	11484242	11591999	11709404	11595215	0.97	cps
Neodymium	150-1	47	60	27	44	37.74	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	16987	16860	16357	16735	1.99	cps
Phosphorus	31-2	59183	58455	58170	58603	0.89	cps
Potassium	39-2	2462569	2411403	2416059	2430010	1.16	cps
Rhodium	103-1	5676945	5724030	5806159	5735711	1.14	cps
Rhodium	103-2	1952604	1919574	1641714	1837964	9.29	cps
Scandium	45-1	4219115	4262479	4218123	4233239	0.60	cps
Scandium	45-2	42996	43266	37324	41195	8.15	cps
Selenium	77-2	23	20	7	17	52.90	cps
Selenium	78-2	61	56	69	62	10.53	cps
Selenium	82-1	2336	2412	2381	2376	1.61	cps
Silicon	28-1	806473	812995	813890	811119	0.50	cps
Silver	109-1	159603	161517	161164	160761	0.63	cps
Silver	107-1	167134	166518	168121	167258	0.48	cps
Sodium	23-2	9329112	9110936	9097391	9179146	1.42	cps
Strontium	86-1	200434	202007	201583	201341	0.40	cps
Strontium	88-1	1727096	1760654	1742692	1743481	0.96	cps
Sulfur	34-1	2788829	2809042	2834837	2810903	0.82	cps
Terbium	159-1	6581962	6537127	6571615	6563568	0.36	cps
Terbium	159-2	2011080	2017764	1724658	1917834	8.72	cps
Thallium	203-1	95458	94501	95331	95097	0.55	cps
Thallium	205-1	224890	228310	225548	226249	0.80	cps
Tin	118-1	280836	284619	287693	284383	1.21	cps
Titanium	47-1	2263998	2265245	2256410	2261884	0.21	cps
Uranium	238-1	692611	687536	690602	690249	0.37	cps
Vanadium	51-2	16300	16210	16340	16283	0.41	cps
Yttrium	89-1	6739573	6821432	6752168	6771058	0.65	cps
Yttrium	89-2	289199	285640	246904	273914	8.56	cps
Zinc	66-2	5865	5718	5801	5795	1.27	cps
Zirconium	90-1	665771	672213	666897	668294	0.51	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:30:50	DataFile Name :	021ICSB_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	146144	148284	148182	147536	0.82	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:33:53	DataFile Name :	022CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	390140	391474	395297	392304	0.68	cps
Antimony	121-1	4043056	4078898	4066602	4062852	0.45	cps
Arsenic	75-2	68254	67370	68189	67938	0.73	cps
Barium	135-1	4129887	4120201	4104123	4118070	0.32	cps
Barium	137-1	6921614	7050102	7007872	6993196	0.94	cps
Beryllium	9-1	712852	718358	714235	715148	0.40	cps
Bismuth	209-1	3405749	3454595	3414501	3424948	0.76	cps
Bismuth	209-2	1471267	1480954	1486428	1479549	0.52	cps
Boron	10-1	81548	85362	84456	83789	2.38	cps
Boron	11-1	377382	385134	389810	384109	1.63	cps
Cadmium	111-1	867275	880968	870033	872759	0.83	cps
Cadmium	106-1	90705	91409	92929	91681	1.24	cps
Cadmium	108-1	60661	61841	61058	61187	0.98	cps
Calcium	43-1	5097633	5153029	5114851	5121838	0.55	cps
Calcium	44-1	83118556	83875527	83904491	83632858	0.53	cps
Chromium	52-2	548848	554060	562922	555277	1.28	cps
Cobalt	59-2	1122702	1123325	1137097	1127708	0.72	cps
Copper	63-2	1939778	1924006	1947718	1937167	0.62	cps
Dysprosium	156-1	58	67	83	69	18.33	cps
Dysprosium	156-2	7	13	20	13	49.99	cps
Erbium	164-1	75	25	50	50	50.00	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	150	67	100	106	39.74	cps
Gadolinium	160-2	13	30	23	22	37.76	cps
Holmium	165-1	6092561	6133126	6103307	6109665	0.34	cps
Holmium	165-2	2044897	2060477	2063112	2056162	0.48	cps
Indium	115-1	5667772	5800975	5710182	5726310	1.19	cps
Indium	115-2	361266	361354	366151	362924	0.77	cps
Iron	56-2	88543319	88772619	89634969	88983635	0.65	cps
Iron	57-2	2284711	2278990	2288924	2284208	0.22	cps
Lead	206-1	1969969	1952844	1944974	1955929	0.65	cps
Lead	207-1	1731666	1739904	1706514	1726028	1.01	cps
Lead	208-1	7865336	7906095	7807935	7859789	0.63	cps
Lithium	6-1	1147099	1169424	1177416	1164646	1.35	cps
Magnesium	24-2	9542535	9430272	9556891	9509900	0.73	cps
Manganese	55-2	315087	314906	321647	317213	1.21	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : CCV82 Instrumnet Name : P8
 Client Sample ID : CCV82 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 13:33:53 DataFile Name : 022CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3467444	3494419	3459076	3473646	0.53	cps
Molybdenum	95-1	1906897	1912044	1886095	1901679	0.72	cps
Molybdenum	96-1	2435197	2430927	2448153	2438092	0.37	cps
Molybdenum	97-1	1122170	1141220	1142533	1135308	1.00	cps
Molybdenum	98-1	2941504	2979668	2945981	2955717	0.71	cps
Neodymium	150-1	147	120	167	144	16.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	324148	324075	326978	325067	0.51	cps
Phosphorus	31-2	5868	5935	6001	5935	1.12	cps
Potassium	39-2	3064017	3083038	3096266	3081107	0.53	cps
Rhodium	103-1	5433205	5438976	5494854	5455678	0.62	cps
Rhodium	103-2	1876758	1861153	1874948	1870953	0.46	cps
Scandium	45-1	4093268	4110128	4125487	4109628	0.39	cps
Scandium	45-2	42628	42668	42939	42745	0.40	cps
Selenium	77-2	480	480	527	496	5.44	cps
Selenium	78-2	1567	1752	1732	1683	6.03	cps
Selenium	82-1	58548	59334	58792	58891	0.68	cps
Silicon	28-1	2206493	2240369	2207076	2217979	0.87	cps
Silver	109-1	4139926	4194108	4167269	4167101	0.65	cps
Silver	107-1	4401383	4409129	4444415	4418309	0.52	cps
Sodium	23-2	23251561	23279453	23443134	23324716	0.44	cps
Strontium	86-1	1206097	1228343	1213460	1215967	0.93	cps
Strontium	88-1	10241257	10425063	10367315	10344545	0.91	cps
Sulfur	34-1	659512	667207	674537	667085	1.13	cps
Terbium	159-1	6433991	6481153	6461007	6458717	0.37	cps
Terbium	159-2	1958133	1966374	2012919	1979142	1.49	cps
Thallium	203-1	2441680	2450195	2421056	2437643	0.61	cps
Thallium	205-1	5655418	5713418	5637969	5668935	0.70	cps
Tin	118-1	2777965	2834342	2810380	2807562	1.01	cps
Titanium	47-1	548167	552514	555414	552032	0.66	cps
Uranium	238-1	7028904	7071719	6985627	7028750	0.61	cps
Vanadium	51-2	416945	414320	419599	416955	0.63	cps
Yttrium	89-1	6530024	6583211	6568445	6560560	0.42	cps
Yttrium	89-2	281961	280169	284080	282070	0.69	cps
Zinc	66-2	176291	176085	177131	176502	0.31	cps
Zirconium	90-1	6562075	6655720	6562151	6593315	0.82	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:33:53	DataFile Name :	022CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1462019	1503462	1454879	1473453	1.78	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:44:31	DataFile Name :	023LCSE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	167	150	178	19.52	cps
Antimony	121-1	12348	13282	13507	13046	4.71	cps
Arsenic	75-2	113	124	128	122	6.34	cps
Barium	135-1	12239	11998	12189	12142	1.05	cps
Barium	137-1	21193	21402	20942	21179	1.09	cps
Beryllium	9-1	1289	1261	1239	1263	1.98	cps
Bismuth	209-1	3416901	3407850	3435443	3420065	0.41	cps
Bismuth	209-2	1553386	1535506	1540913	1543268	0.59	cps
Boron	10-1	4418	4493	4159	4356	4.01	cps
Boron	11-1	18947	20349	20299	19865	4.00	cps
Cadmium	111-1	2163	2221	2158	2181	1.62	cps
Cadmium	106-1	1300	1242	1225	1256	3.14	cps
Cadmium	108-1	133	104	113	117	12.88	cps
Calcium	43-1	10529	11097	11038	10888	2.87	cps
Calcium	44-1	182977	189572	187048	186532	1.78	cps
Chromium	52-2	3000	3007	3040	3016	0.71	cps
Cobalt	59-2	1934	1994	1967	1965	1.53	cps
Copper	63-2	3877	3857	3691	3808	2.69	cps
Dysprosium	156-1	8	33	17	19	65.48	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	33	17	33	50.00	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	75	17	25	39	81.13	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	5798241	6015645	5890585	5901491	1.85	cps
Holmium	165-2	2090762	2067190	2054066	2070672	0.90	cps
Indium	115-1	5855144	5995777	5892454	5914458	1.23	cps
Indium	115-2	393536	391820	389336	391564	0.54	cps
Iron	56-2	33942	33730	32962	33545	1.54	cps
Iron	57-2	817	867	783	822	5.10	cps
Lead	206-1	4034	4301	4134	4156	3.24	cps
Lead	207-1	3634	3590	3434	3552	2.96	cps
Lead	208-1	16060	16694	16355	16369	1.94	cps
Lithium	6-1	1192242	1232648	1213403	1212764	1.67	cps
Magnesium	24-2	16143	16118	15150	15804	3.58	cps
Manganese	55-2	380	363	443	396	10.67	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:44:31	DataFile Name :	023LCSE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11814	11914	11922	11883	0.51	cps
Molybdenum	95-1	13899	14542	14333	14258	2.30	cps
Molybdenum	96-1	15735	15585	15993	15771	1.31	cps
Molybdenum	97-1	8853	8762	9045	8887	1.63	cps
Molybdenum	98-1	23229	22319	22035	22528	2.77	cps
Neodymium	150-1	7	20	27	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	760	723	863	782	9.28	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	14391	14391	14725	14502	1.33	cps
Rhodium	103-1	5800927	5909546	5741998	5817490	1.46	cps
Rhodium	103-2	2052240	2021177	2010766	2028061	1.06	cps
Scandium	45-1	4138837	4260156	4188015	4195669	1.45	cps
Scandium	45-2	44567	44327	44343	44412	0.30	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	20	13	28	20	36.38	cps
Selenium	82-1	475	422	536	478	11.93	cps
Silicon	28-1	470111	474447	471386	471981	0.47	cps
Silver	109-1	8320	8653	9287	8753	5.61	cps
Silver	107-1	8962	9445	9429	9279	2.96	cps
Sodium	23-2	47932	46552	46318	46934	1.86	cps
Strontium	86-1	3492	3134	3376	3334	5.48	cps
Strontium	88-1	16102	16986	16970	16686	3.03	cps
Sulfur	34-1	363809	367461	368215	366495	0.64	cps
Terbium	159-1	6132080	6453293	6335344	6306905	2.58	cps
Terbium	159-2	2020472	2024247	2009182	2017967	0.39	cps
Thallium	203-1	3526	3976	3817	3773	6.05	cps
Thallium	205-1	8920	8512	9254	8895	4.18	cps
Tin	118-1	21719	22453	22420	22197	1.87	cps
Titanium	47-1	4426	4468	4768	4554	4.09	cps
Uranium	238-1	10230	10755	10271	10419	2.80	cps
Vanadium	51-2	3334	3230	3400	3322	2.58	cps
Yttrium	89-1	6573501	6677791	6679825	6643706	0.92	cps
Yttrium	89-2	295556	293501	292663	293907	0.51	cps
Zinc	66-2	527	513	390	477	15.81	cps
Zirconium	90-1	10338	11330	10296	10655	5.49	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLCCV1	Instrumnet Name :	P8
Client Sample ID :	LLCCV1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:44:31	DataFile Name :	023LCSE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2584	2250	2425	2420	6.89	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:47:41	DataFile Name :	024CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	17	17	0.00	cps
Antimony	121-1	300	317	308	308	2.70	cps
Arsenic	75-2	2	9	6	6	66.68	cps
Barium	135-1	58	25	25	36	53.30	cps
Barium	137-1	58	25	17	33	66.14	cps
Beryllium	9-1	178	161	161	167	5.77	cps
Bismuth	209-1	3189217	3292880	3279806	3253968	1.73	cps
Bismuth	209-2	1504627	1519119	1515851	1513199	0.50	cps
Boron	10-1	1225	1275	1233	1245	2.15	cps
Boron	11-1	5084	5335	5218	5212	2.40	cps
Cadmium	111-1	823	914	926	888	6.33	cps
Cadmium	106-1	1150	1308	1317	1258	7.46	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	2350	2225	2309	2295	2.77	cps
Calcium	44-1	53076	53837	51997	52970	1.75	cps
Chromium	52-2	1103	1217	1057	1126	7.31	cps
Cobalt	59-2	60	50	50	53	10.83	cps
Copper	63-2	370	353	370	364	2.64	cps
Dysprosium	156-1	33	17	33	28	34.64	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	25	58	31	83.33	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	50	17	58	42	52.91	cps
Gadolinium	160-2	7	3	13	8	65.47	cps
Holmium	165-1	5474872	5695943	5763618	5644811	2.68	cps
Holmium	165-2	2034388	2005048	2043142	2027526	0.98	cps
Indium	115-1	5506417	5695763	5784441	5662207	2.51	cps
Indium	115-2	380396	382349	386388	383044	0.80	cps
Iron	56-2	3306	3701	3728	3578	6.60	cps
Iron	57-2	83	133	106	107	23.32	cps
Lead	206-1	400	417	417	411	2.34	cps
Lead	207-1	461	361	383	402	13.07	cps
Lead	208-1	1900	1600	1761	1754	8.56	cps
Lithium	6-1	1146986	1205161	1191501	1181216	2.58	cps
Magnesium	24-2	317	225	158	233	34.07	cps
Manganese	55-2	130	127	90	116	19.21	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:47:41	DataFile Name :	024CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	175	275	225	225	22.22	cps
Molybdenum	95-1	75	50	83	69	24.98	cps
Molybdenum	96-1	200	117	158	158	26.32	cps
Molybdenum	97-1	100	50	25	58	65.47	cps
Molybdenum	98-1	67	108	117	97	27.55	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	200	220	237	219	8.39	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	3992	3776	4351	4040	7.19	cps
Rhodium	103-1	5393459	5651606	5557851	5534305	2.36	cps
Rhodium	103-2	1969396	1988610	1989235	1982414	0.57	cps
Scandium	45-1	3914794	4154755	4061280	4043609	2.99	cps
Scandium	45-2	43484	43236	43621	43447	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	7	4	65.54	cps
Selenium	82-1	-118	21	12	-28	-274.43	cps
Silicon	28-1	445311	437028	447471	443270	1.24	cps
Silver	109-1	333	325	217	292	22.31	cps
Silver	107-1	283	317	300	300	5.55	cps
Sodium	23-2	8911	8378	8528	8606	3.20	cps
Strontium	86-1	1525	1417	1283	1408	8.60	cps
Strontium	88-1	142	142	125	136	7.07	cps
Sulfur	34-1	370685	373807	371780	372091	0.43	cps
Terbium	159-1	5820973	6087902	6090580	5999818	2.58	cps
Terbium	159-2	1951216	1969271	1970046	1963511	0.54	cps
Thallium	203-1	175	233	150	186	22.98	cps
Thallium	205-1	383	450	400	411	8.44	cps
Tin	118-1	875	692	933	833	15.13	cps
Titanium	47-1	167	58	183	136	49.86	cps
Uranium	238-1	17	42	33	31	41.66	cps
Vanadium	51-2	20	30	10	20	50.00	cps
Yttrium	89-1	6301221	6486274	6507934	6431810	1.77	cps
Yttrium	89-2	286397	289278	289723	288466	0.63	cps
Zinc	66-2	107	43	90	80	41.04	cps
Zirconium	90-1	450	583	533	522	12.90	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:47:41	DataFile Name :	024CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	142	167	139	21.07	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:50:48	DataFile Name :	025LCSE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	100	167	142	25.64	cps
Antimony	121-1	13032	12923	12515	12823	2.13	cps
Arsenic	75-2	137	131	104	124	14.39	cps
Barium	135-1	12181	12673	12440	12431	1.98	cps
Barium	137-1	21076	21577	20559	21070	2.42	cps
Beryllium	9-1	1245	1245	1256	1248	0.51	cps
Bismuth	209-1	3227353	3274325	3276606	3259428	0.85	cps
Bismuth	209-2	1526778	1538345	1528460	1531194	0.41	cps
Boron	10-1	4184	4684	4509	4459	5.69	cps
Boron	11-1	18638	19197	19155	18997	1.64	cps
Cadmium	111-1	2133	2443	2019	2198	9.99	cps
Cadmium	106-1	1342	1375	1150	1289	9.42	cps
Cadmium	108-1	117	88	88	97	17.32	cps
Calcium	43-1	10863	11197	10763	10941	2.08	cps
Calcium	44-1	187647	193533	192488	191222	1.64	cps
Chromium	52-2	3297	3117	3024	3146	4.42	cps
Cobalt	59-2	2097	2027	2174	2099	3.50	cps
Copper	63-2	4154	4141	4061	4118	1.23	cps
Dysprosium	156-1	0	50	8	19	137.78	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	50	8	36	66.62	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	42	25	58	42	40.00	cps
Gadolinium	160-2	20	7	7	11	69.25	cps
Holmium	165-1	5588440	5736241	5695620	5673434	1.35	cps
Holmium	165-2	2058230	2055743	2061733	2058568	0.15	cps
Indium	115-1	5617499	5678155	5776266	5690640	1.41	cps
Indium	115-2	394360	391419	393084	392954	0.38	cps
Iron	56-2	36448	35217	35290	35652	1.94	cps
Iron	57-2	900	933	811	882	7.17	cps
Lead	206-1	3962	4023	4217	4067	3.28	cps
Lead	207-1	3584	3423	3695	3567	3.84	cps
Lead	208-1	16032	15832	16171	16012	1.06	cps
Lithium	6-1	1146834	1220725	1203868	1190476	3.25	cps
Magnesium	24-2	17078	16318	16260	16552	2.76	cps
Manganese	55-2	367	427	377	390	8.24	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:50:48	DataFile Name :	025LCSE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11731	12198	11747	11892	2.23	cps
Molybdenum	95-1	13783	14492	14350	14208	2.64	cps
Molybdenum	96-1	15576	16144	16110	15943	2.00	cps
Molybdenum	97-1	8503	8953	9178	8878	3.87	cps
Molybdenum	98-1	21626	21167	22895	21896	4.09	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	897	680	833	803	13.87	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	14558	14950	14909	14806	1.45	cps
Rhodium	103-1	5522309	5603390	5730279	5618659	1.87	cps
Rhodium	103-2	2034800	2026847	2052762	2038137	0.65	cps
Scandium	45-1	4025561	4105686	4124130	4085126	1.28	cps
Scandium	45-2	45126	44477	44554	44719	0.79	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	15	7	30	17	65.47	cps
Selenium	82-1	486	554	409	483	15.00	cps
Silicon	28-1	482791	470003	481457	478084	1.47	cps
Silver	109-1	8770	8720	8912	8801	1.13	cps
Silver	107-1	8945	8837	9796	9192	5.71	cps
Sodium	23-2	48024	48258	48417	48233	0.41	cps
Strontium	86-1	3451	3201	3292	3314	3.82	cps
Strontium	88-1	15660	16527	17128	16438	4.49	cps
Sulfur	34-1	370297	372945	371683	371642	0.36	cps
Terbium	159-1	5990769	6148923	6040685	6060126	1.33	cps
Terbium	159-2	2002877	2033742	1994431	2010350	1.03	cps
Thallium	203-1	3834	3684	3709	3742	2.15	cps
Thallium	205-1	8553	8712	8520	8595	1.19	cps
Tin	118-1	22136	22545	23229	22637	2.44	cps
Titanium	47-1	4276	4484	4609	4456	3.78	cps
Uranium	238-1	10380	9813	9963	10052	2.92	cps
Vanadium	51-2	3737	3497	3531	3588	3.62	cps
Yttrium	89-1	6349782	6425421	6436696	6403966	0.74	cps
Yttrium	89-2	294522	297238	297103	296288	0.52	cps
Zinc	66-2	377	473	410	420	11.69	cps
Zirconium	90-1	10329	10630	10863	10607	2.52	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:50:48	DataFile Name :	025LCSE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2375	2417	2400	2398	0.88	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : CRIRE Instrumnet Name : P8
 Client Sample ID : CRIRE Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 13:53:57 DataFile Name : 026LCSE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	242	117	183	34.32	cps
Antimony	121-1	13674	14967	14508	14383	4.56	cps
Arsenic	75-2	167	137	113	139	19.37	cps
Barium	135-1	14091	14000	14267	14119	0.96	cps
Barium	137-1	24640	24557	24465	24554	0.36	cps
Beryllium	9-1	1461	1550	1378	1463	5.89	cps
Bismuth	209-1	3359362	3360974	3413713	3378016	0.92	cps
Bismuth	209-2	1554055	1532271	1529326	1538551	0.88	cps
Boron	10-1	4701	4726	4618	4682	1.21	cps
Boron	11-1	21400	21283	22109	21598	2.07	cps
Cadmium	111-1	2274	2374	2624	2424	7.44	cps
Cadmium	106-1	1350	1375	1283	1336	3.55	cps
Cadmium	108-1	108	163	125	132	21.02	cps
Calcium	43-1	12072	11922	12181	12058	1.08	cps
Calcium	44-1	208504	211037	209864	209802	0.60	cps
Chromium	52-2	3227	3184	3127	3179	1.58	cps
Cobalt	59-2	2210	2280	2357	2282	3.21	cps
Copper	63-2	4644	4517	4711	4624	2.12	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	50	58	47	26.97	cps
Erbium	164-2	13	7	0	7	99.98	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	5836554	6001734	5939332	5925873	1.41	cps
Holmium	165-2	2104896	2064087	2089309	2086097	0.99	cps
Indium	115-1	5831576	5941847	5948143	5907188	1.11	cps
Indium	115-2	398142	396365	395352	396619	0.36	cps
Iron	56-2	39145	39284	38587	39005	0.95	cps
Iron	57-2	1000	828	1006	945	10.70	cps
Lead	206-1	4390	4112	4290	4264	3.30	cps
Lead	207-1	3740	3912	3906	3853	2.54	cps
Lead	208-1	17466	17205	17839	17503	1.82	cps
Lithium	6-1	1182316	1238955	1231816	1217696	2.53	cps
Magnesium	24-2	17720	16944	17503	17389	2.30	cps
Manganese	55-2	450	467	440	452	2.98	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:53:57	DataFile Name :	026LCSE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13382	12581	13240	13068	3.27	cps
Molybdenum	95-1	15301	15818	16135	15751	2.67	cps
Molybdenum	96-1	17220	17595	18221	17679	2.86	cps
Molybdenum	97-1	9662	9737	9846	9748	0.95	cps
Molybdenum	98-1	25667	26001	25291	25653	1.38	cps
Neodymium	150-1	7	13	33	18	78.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	827	880	913	873	5.01	cps
Phosphorus	31-2	8	33	0	14	124.91	cps
Potassium	39-2	16076	16268	16018	16121	0.81	cps
Rhodium	103-1	5758845	5875354	5831995	5822065	1.01	cps
Rhodium	103-2	2082005	2047803	2069456	2066421	0.84	cps
Scandium	45-1	4179989	4285119	4246052	4237053	1.25	cps
Scandium	45-2	45868	45487	44413	45256	1.67	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	24	20	24	23	9.35	cps
Selenium	82-1	614	546	419	526	18.77	cps
Silicon	28-1	487226	478832	484223	483427	0.88	cps
Silver	109-1	9904	10004	10338	10082	2.25	cps
Silver	107-1	10780	10588	10997	10788	1.90	cps
Sodium	23-2	54188	51954	52640	52927	2.16	cps
Strontium	86-1	3459	3384	3676	3506	4.32	cps
Strontium	88-1	19231	20149	19131	19504	2.88	cps
Sulfur	34-1	374789	380234	374441	376488	0.86	cps
Terbium	159-1	6131740	6298299	6228686	6219575	1.34	cps
Terbium	159-2	2062201	2008591	2048195	2039662	1.36	cps
Thallium	203-1	4201	4284	4418	4301	2.54	cps
Thallium	205-1	10380	10146	9546	10024	4.29	cps
Tin	118-1	25342	25133	24874	25116	0.93	cps
Titanium	47-1	4884	4984	5060	4976	1.77	cps
Uranium	238-1	11381	11239	11564	11395	1.43	cps
Vanadium	51-2	3891	4107	4054	4017	2.81	cps
Yttrium	89-1	6585392	6697349	6698679	6660473	0.98	cps
Yttrium	89-2	300586	300114	298682	299794	0.33	cps
Zinc	66-2	567	497	480	514	8.94	cps
Zirconium	90-1	11722	12606	12048	12125	3.69	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:53:57	DataFile Name :	026LCSE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2592	2684	2950	2742	6.79	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101361BL	Instrumnet Name :	P8
Client Sample ID :	PB101361BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:57:05	DataFile Name :	027CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	25	39	32.73	cps
Antimony	121-1	150	192	192	178	13.53	cps
Arsenic	75-2	4	4	2	3	34.64	cps
Barium	135-1	17	33	92	47	83.40	cps
Barium	137-1	83	58	42	61	34.32	cps
Beryllium	9-1	122	194	139	152	24.90	cps
Bismuth	209-1	3209873	3337715	3317441	3288343	2.09	cps
Bismuth	209-2	1531350	1532224	1386343	1483305	5.66	cps
Boron	10-1	983	1308	1008	1100	16.44	cps
Boron	11-1	4501	4701	4159	4454	6.15	cps
Cadmium	111-1	1026	767	780	858	16.96	cps
Cadmium	106-1	1433	1100	1092	1208	16.13	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	2567	2867	2467	2634	7.91	cps
Calcium	44-1	51019	52206	49262	50829	2.91	cps
Chromium	52-2	1237	1187	1227	1217	2.18	cps
Cobalt	59-2	63	30	57	50	35.28	cps
Copper	63-2	323	360	373	352	7.35	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	25	25	31	31.50	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	58	42	50	50	16.67	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	5615572	5799122	5734892	5716529	1.63	cps
Holmium	165-2	2033594	2044304	1831335	1969744	6.09	cps
Indium	115-1	5650244	5877861	5719284	5749130	2.03	cps
Indium	115-2	384940	389336	352977	375751	5.28	cps
Iron	56-2	3517	3773	3551	3614	3.85	cps
Iron	57-2	144	122	94	120	20.81	cps
Lead	206-1	467	467	500	478	4.03	cps
Lead	207-1	494	367	417	426	15.12	cps
Lead	208-1	1883	1856	1872	1870	0.75	cps
Lithium	6-1	1168438	1191680	1177453	1179190	0.99	cps
Magnesium	24-2	292	342	283	306	10.33	cps
Manganese	55-2	143	107	130	127	14.65	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101361BL	Instrumnet Name :	P8
Client Sample ID :	PB101361BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:57:05	DataFile Name :	027CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	125	150	200	158	24.12	cps
Molybdenum	95-1	50	25	50	42	34.64	cps
Molybdenum	96-1	100	67	42	69	42.14	cps
Molybdenum	97-1	25	58	58	47	40.76	cps
Molybdenum	98-1	75	75	75	75	0.00	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	207	230	183	207	11.29	cps
Phosphorus	31-2	0	17	33	17	100.00	cps
Potassium	39-2	4201	3926	4101	4076	3.42	cps
Rhodium	103-1	5552298	5658571	5656911	5622593	1.08	cps
Rhodium	103-2	2004235	2006519	1817237	1942664	5.59	cps
Scandium	45-1	4035020	4158518	4131623	4108387	1.58	cps
Scandium	45-2	45059	43989	40766	43271	5.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	6	4	86.60	cps
Selenium	82-1	12	32	-111	-22	-348.25	cps
Silicon	28-1	468843	510674	442784	474100	7.22	cps
Silver	109-1	292	242	242	258	11.17	cps
Silver	107-1	375	358	350	361	3.52	cps
Sodium	23-2	7519	7677	7294	7497	2.57	cps
Strontium	86-1	1308	1417	1517	1414	7.37	cps
Strontium	88-1	767	642	583	664	14.11	cps
Sulfur	34-1	381060	377374	374683	377706	0.85	cps
Terbium	159-1	5900856	6125968	6033740	6020188	1.88	cps
Terbium	159-2	1990880	2002674	1811933	1935162	5.52	cps
Thallium	203-1	108	150	183	147	25.53	cps
Thallium	205-1	283	392	308	328	17.31	cps
Tin	118-1	608	642	692	647	6.48	cps
Titanium	47-1	150	192	158	167	13.23	cps
Uranium	238-1	42	50	75	56	31.22	cps
Vanadium	51-2	17	13	17	16	12.40	cps
Yttrium	89-1	6298258	6497158	6401326	6398914	1.55	cps
Yttrium	89-2	292731	289345	266015	282697	5.15	cps
Zinc	66-2	90	50	117	86	39.22	cps
Zirconium	90-1	500	550	475	508	7.51	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101361BL	Instrumnet Name :	P8
Client Sample ID :	PB101361BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 13:57:05	DataFile Name :	027CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	100	183	131	35.15	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101419BL	Instrumnet Name :	P8
Client Sample ID :	PB101419BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:00:15	DataFile Name :	028LCS6_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	250	317	278	12.49	cps
Antimony	121-1	28640	30394	29049	29361	3.13	cps
Arsenic	75-2	322	306	324	317	3.21	cps
Barium	135-1	28532	28298	28891	28573	1.05	cps
Barium	137-1	49469	51442	48331	49747	3.16	cps
Beryllium	9-1	3017	3167	2984	3056	3.20	cps
Bismuth	209-1	3285215	3274182	3301023	3286807	0.41	cps
Bismuth	209-2	1509623	1459001	1522454	1497026	2.24	cps
Boron	10-1	8394	8678	9253	8775	4.99	cps
Boron	11-1	38595	37834	40048	38826	2.90	cps
Cadmium	111-1	4175	4101	4209	4162	1.33	cps
Cadmium	106-1	1575	1425	1484	1495	5.06	cps
Cadmium	108-1	254	300	150	235	32.75	cps
Calcium	43-1	22385	22436	22277	22366	0.36	cps
Calcium	44-1	377832	386704	381067	381868	1.18	cps
Chromium	52-2	5611	5998	5865	5825	3.37	cps
Cobalt	59-2	4651	4871	4954	4825	3.25	cps
Copper	63-2	8516	8646	8836	8666	1.86	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	42	75	64	30.12	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	100	67	50	72	35.25	cps
Gadolinium	160-2	3	7	13	8	65.47	cps
Holmium	165-1	5683960	5797896	5736999	5739618	0.99	cps
Holmium	165-2	2027679	1953495	2048720	2009964	2.49	cps
Indium	115-1	5661081	5812408	5809321	5760936	1.50	cps
Indium	115-2	384520	375593	394052	384722	2.40	cps
Iron	56-2	297966	297664	300467	298699	0.52	cps
Iron	57-2	7591	7741	7274	7536	3.16	cps
Lead	206-1	8759	8764	8525	8683	1.57	cps
Lead	207-1	7502	7786	7419	7569	2.54	cps
Lead	208-1	34592	34914	33713	34406	1.81	cps
Lithium	6-1	1195432	1194795	1221742	1203990	1.28	cps
Magnesium	24-2	38453	39038	38645	38712	0.77	cps
Manganese	55-2	850	930	940	907	5.44	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101419BL	Instrumnet Name :	P8
Client Sample ID :	PB101419BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:00:15	DataFile Name :	028LCS6_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	28331	27211	28489	28010	2.49	cps
Molybdenum	95-1	33927	34403	33300	33877	1.63	cps
Molybdenum	96-1	35673	37528	36985	36729	2.60	cps
Molybdenum	97-1	20024	20908	21543	20825	3.66	cps
Molybdenum	98-1	52219	53800	53482	53167	1.57	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1593	1693	1733	1673	4.31	cps
Phosphorus	31-2	25	17	17	19	24.73	cps
Potassium	39-2	28263	29198	28238	28566	1.92	cps
Rhodium	103-1	5648544	5721404	5712414	5694121	0.70	cps
Rhodium	103-2	2039870	1958760	2020994	2006541	2.12	cps
Scandium	45-1	4108407	4171563	4115383	4131784	0.84	cps
Scandium	45-2	44975	42782	45079	44279	2.93	cps
Selenium	77-2	7	13	10	10	33.30	cps
Selenium	78-2	39	37	37	38	2.84	cps
Selenium	82-1	1081	1103	1178	1121	4.56	cps
Silicon	28-1	546278	539892	540009	542059	0.67	cps
Silver	109-1	16386	17454	17203	17014	3.28	cps
Silver	107-1	17387	16928	17270	17195	1.39	cps
Sodium	23-2	101361	101645	102040	101682	0.34	cps
Strontium	86-1	5927	5785	5635	5782	2.52	cps
Strontium	88-1	39784	41063	41305	40718	2.01	cps
Sulfur	34-1	380405	374493	377996	377631	0.79	cps
Terbium	159-1	6027321	6133473	6043890	6068228	0.94	cps
Terbium	159-2	1986331	1928186	1995704	1970074	1.86	cps
Thallium	203-1	8720	8587	8320	8542	2.39	cps
Thallium	205-1	20184	20835	20810	20609	1.79	cps
Tin	118-1	50780	53826	52303	52303	2.91	cps
Titanium	47-1	10513	10796	10304	10538	2.34	cps
Uranium	238-1	24149	24483	24099	24244	0.86	cps
Vanadium	51-2	8376	8299	7909	8195	3.06	cps
Yttrium	89-1	6424991	6530054	6475038	6476694	0.81	cps
Yttrium	89-2	291417	282039	295599	289685	2.40	cps
Zinc	66-2	967	980	980	976	0.79	cps
Zirconium	90-1	24590	24189	24507	24429	0.87	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101419BL	Instrumnet Name :	P8
Client Sample ID :	PB101419BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:00:15	DataFile Name :	028LCS6_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5301	5435	5268	5335	1.65	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101361BS	Instrumnet Name :	P8
Client Sample ID :	PB101361BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:04:14	DataFile Name :	029LCS6_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79774	79791	78895	79487	0.64	cps
Antimony	121-1	4097631	4100363	4139461	4112485	0.57	cps
Arsenic	75-2	69619	69989	69816	69808	0.27	cps
Barium	135-1	4061561	4153024	4185459	4133348	1.55	cps
Barium	137-1	6866830	7001301	7099021	6989051	1.67	cps
Beryllium	9-1	733355	738157	746436	739316	0.90	cps
Bismuth	209-1	3383636	3455168	3538521	3459108	2.24	cps
Bismuth	209-2	1555955	1560998	1563373	1560109	0.24	cps
Boron	10-1	84624	84901	87709	85745	1.99	cps
Boron	11-1	378891	394748	398133	390591	2.63	cps
Cadmium	111-1	886076	910709	910976	902587	1.58	cps
Cadmium	106-1	92751	94488	95303	94181	1.38	cps
Cadmium	108-1	62038	63784	64721	63514	2.14	cps
Calcium	43-1	1051171	1075380	1070590	1065714	1.20	cps
Calcium	44-1	17312725	17612722	17508192	17477880	0.87	cps
Chromium	52-2	566746	571155	571209	569703	0.45	cps
Cobalt	59-2	1166150	1177252	1166145	1169849	0.55	cps
Copper	63-2	2038100	2054526	2034474	2042367	0.52	cps
Dysprosium	156-1	75	67	83	75	11.11	cps
Dysprosium	156-2	20	3	10	11	75.52	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	92	125	83	100	22.05	cps
Gadolinium	160-2	13	20	17	17	20.01	cps
Holmium	165-1	6084624	6115680	6174103	6124802	0.74	cps
Holmium	165-2	2084518	2073673	2101894	2086695	0.68	cps
Indium	115-1	5790330	5891720	5913067	5865039	1.12	cps
Indium	115-2	376832	376159	375814	376268	0.14	cps
Iron	56-2	19375068	19265002	19227751	19289274	0.40	cps
Iron	57-2	484927	485223	483926	484692	0.14	cps
Lead	206-1	1898738	1961684	1988941	1949787	2.37	cps
Lead	207-1	1654877	1721452	1754899	1710409	2.98	cps
Lead	208-1	7620750	7908906	7972363	7834006	2.39	cps
Lithium	6-1	1212556	1233588	1242334	1229493	1.24	cps
Magnesium	24-2	2031731	2020431	2019849	2024004	0.33	cps
Manganese	55-2	324569	325217	327841	325876	0.53	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101361BS	Instrumnet Name :	P8
Client Sample ID :	PB101361BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:04:14	DataFile Name :	029LCS6_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3469789	3485038	3508606	3487811	0.56	cps
Molybdenum	95-1	1882394	1898726	1917788	1899636	0.93	cps
Molybdenum	96-1	2415462	2440942	2460264	2438889	0.92	cps
Molybdenum	97-1	1127345	1142755	1152048	1140716	1.09	cps
Molybdenum	98-1	2944221	2937701	2990548	2957490	0.97	cps
Neodymium	150-1	140	173	180	164	13.03	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	340024	346283	340605	342304	1.01	cps
Phosphorus	31-2	5926	6502	6385	6271	4.85	cps
Potassium	39-2	633000	632630	636367	633999	0.32	cps
Rhodium	103-1	5539779	5668526	5770347	5659551	2.04	cps
Rhodium	103-2	1973348	1961042	1950405	1961598	0.59	cps
Scandium	45-1	4121181	4169809	4224785	4171925	1.24	cps
Scandium	45-2	43972	43731	43922	43875	0.29	cps
Selenium	77-2	503	590	460	518	12.78	cps
Selenium	78-2	1696	1798	1785	1760	3.15	cps
Selenium	82-1	59270	60409	60983	60221	1.45	cps
Silicon	28-1	2232076	2259082	2260295	2250485	0.71	cps
Silver	109-1	4261426	4376047	4484698	4374057	2.55	cps
Silver	107-1	4489828	4575388	4611657	4558957	1.37	cps
Sodium	23-2	4938323	4901910	4916541	4918925	0.37	cps
Strontium	86-1	1177481	1199344	1207893	1194906	1.31	cps
Strontium	88-1	10060794	10226363	10274854	10187337	1.10	cps
Sulfur	34-1	701495	709764	706155	705805	0.59	cps
Terbium	159-1	6297684	6401390	6515970	6405015	1.70	cps
Terbium	159-2	2019808	2000527	2013683	2011339	0.49	cps
Thallium	203-1	2407413	2464237	2450383	2440677	1.21	cps
Thallium	205-1	5563100	5710507	5770081	5681229	1.88	cps
Tin	118-1	2850084	2853333	2853066	2852161	0.06	cps
Titanium	47-1	552969	564792	566336	561366	1.30	cps
Uranium	238-1	6697465	6903341	6985189	6861998	2.16	cps
Vanadium	51-2	422229	427067	426674	425324	0.63	cps
Yttrium	89-1	6641600	6688293	6690102	6673332	0.41	cps
Yttrium	89-2	288673	288991	287158	288274	0.34	cps
Zinc	66-2	184668	185529	185046	185081	0.23	cps
Zirconium	90-1	6558993	6652629	6715181	6642268	1.18	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101361BS	Instrumnet Name :	P8
Client Sample ID :	PB101361BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:04:14	DataFile Name :	029LCS6_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1460895	1499064	1494637	1484865	1.41	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101419BS	Instrumnet Name :	P8
Client Sample ID :	PB101419BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:13:20	DataFile Name :	030CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	0	67	31	110.22	cps
Antimony	121-1	408	442	517	456	12.18	cps
Arsenic	75-2	9	0	6	5	94.35	cps
Barium	135-1	25	25	8	19	49.50	cps
Barium	137-1	67	92	50	69	30.20	cps
Beryllium	9-1	106	150	178	144	25.22	cps
Bismuth	209-1	3230995	3430429	3344329	3335251	3.00	cps
Bismuth	209-2	1544070	1544685	1555926	1548227	0.43	cps
Boron	10-1	1158	1208	1183	1183	2.11	cps
Boron	11-1	5160	5109	4859	5043	3.19	cps
Cadmium	111-1	769	810	891	823	7.52	cps
Cadmium	106-1	1092	1150	1275	1172	7.99	cps
Cadmium	108-1	17	17	8	14	34.67	cps
Calcium	43-1	2475	2534	2550	2520	1.56	cps
Calcium	44-1	51036	51228	49112	50458	2.32	cps
Chromium	52-2	1137	1073	1157	1122	3.88	cps
Cobalt	59-2	73	60	40	58	29.04	cps
Copper	63-2	270	313	283	289	7.68	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	67	42	50	53	24.12	cps
Gadolinium	160-2	13	10	0	8	89.21	cps
Holmium	165-1	5612964	5941672	5920092	5824909	3.16	cps
Holmium	165-2	2068268	2053407	2078385	2066687	0.61	cps
Indium	115-1	5621516	5948063	5866686	5812088	2.92	cps
Indium	115-2	387697	389913	391562	389724	0.50	cps
Iron	56-2	3573	3639	3584	3599	0.99	cps
Iron	57-2	61	78	144	94	46.69	cps
Lead	206-1	417	367	444	409	9.63	cps
Lead	207-1	361	322	328	337	6.24	cps
Lead	208-1	1583	1489	1545	1539	3.08	cps
Lithium	6-1	1126202	1216429	1220400	1187677	4.49	cps
Magnesium	24-2	192	217	200	203	6.28	cps
Manganese	55-2	77	107	140	108	29.39	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101419BS	Instrumnet Name :	P8
Client Sample ID :	PB101419BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:13:20	DataFile Name :	030CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	242	200	231	11.62	cps
Molybdenum	95-1	75	58	50	61	20.83	cps
Molybdenum	96-1	75	133	133	114	29.57	cps
Molybdenum	97-1	75	50	42	56	31.22	cps
Molybdenum	98-1	142	100	100	114	21.12	cps
Neodymium	150-1	27	27	0	18	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	193	170	257	207	21.70	cps
Phosphorus	31-2	17	25	17	19	24.73	cps
Potassium	39-2	3542	3892	4242	3892	8.99	cps
Rhodium	103-1	5489767	5833687	5737856	5687104	3.12	cps
Rhodium	103-2	2039313	2031654	2032886	2034618	0.20	cps
Scandium	45-1	3991097	4215215	4173046	4126453	2.89	cps
Scandium	45-2	44307	44768	44908	44661	0.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	22	-3	-56	-12	-326.60	cps
Silicon	28-1	434384	434687	436905	435325	0.32	cps
Silver	109-1	267	275	300	281	6.18	cps
Silver	107-1	192	200	250	214	14.75	cps
Sodium	23-2	7010	6685	6827	6841	2.38	cps
Strontium	86-1	1225	1442	1433	1367	8.98	cps
Strontium	88-1	575	467	475	506	11.93	cps
Sulfur	34-1	363485	364742	364263	364163	0.17	cps
Terbium	159-1	5931482	6279864	6175719	6129022	2.92	cps
Terbium	159-2	2017816	2012741	2012433	2014330	0.15	cps
Thallium	203-1	92	100	92	94	5.10	cps
Thallium	205-1	250	317	300	289	12.01	cps
Tin	118-1	792	700	683	725	8.05	cps
Titanium	47-1	125	192	208	175	25.20	cps
Uranium	238-1	50	33	75	53	39.75	cps
Vanadium	51-2	23	7	3	11	96.43	cps
Yttrium	89-1	6269332	6553914	6560984	6461410	2.58	cps
Yttrium	89-2	292155	294709	294646	293837	0.50	cps
Zinc	66-2	47	87	73	69	29.56	cps
Zirconium	90-1	575	525	442	514	13.11	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101419BS	Instrumnet Name :	P8
Client Sample ID :	PB101419BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:13:20	DataFile Name :	030CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	100	67	81	21.53	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DL3X10	Instrumnet Name :	P8
Client Sample ID :	0522DL	Dilution Factor :	10
Date & Time Acquired ::	2017-08-10 14:16:28	DataFile Name :	031SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51093	48250	49763	49702	2.86	cps
Antimony	121-1	397762	407556	402317	402545	1.22	cps
Arsenic	75-2	25906	25512	25405	25608	1.03	cps
Barium	135-1	380665	385508	386678	384284	0.83	cps
Barium	137-1	656189	667838	664345	662791	0.90	cps
Beryllium	9-1	167918	171329	169154	169467	1.02	cps
Bismuth	209-1	3319148	3358013	3387791	3354984	1.03	cps
Bismuth	209-2	1548050	1529208	1537870	1538376	0.61	cps
Boron	10-1	60009	63634	64085	62576	3.57	cps
Boron	11-1	278315	287072	289033	284807	2.00	cps
Cadmium	111-1	311708	319125	318206	316346	1.28	cps
Cadmium	106-1	29458	29199	28898	29185	0.96	cps
Cadmium	108-1	20566	20741	20679	20662	0.43	cps
Calcium	43-1	247480	252050	249370	249633	0.92	cps
Calcium	44-1	4076900	4212131	4121994	4137008	1.66	cps
Chromium	52-2	226696	225872	225446	226004	0.28	cps
Cobalt	59-2	205377	204846	204937	205053	0.14	cps
Copper	63-2	279930	279208	279763	279634	0.14	cps
Dysprosium	156-1	6510	6735	6710	6652	1.86	cps
Dysprosium	156-2	2467	2410	2590	2489	3.70	cps
Erbium	164-1	5435	6235	5727	5799	6.99	cps
Erbium	164-2	1857	1847	1854	1852	0.27	cps
Gadolinium	160-1	6777	6894	6519	6730	2.85	cps
Gadolinium	160-2	2914	3057	3070	3014	2.88	cps
Holmium	165-1	5789892	5963677	5925765	5893112	1.55	cps
Holmium	165-2	2080957	2044333	2046817	2057369	0.99	cps
Indium	115-1	5791466	5853638	5884293	5843132	0.81	cps
Indium	115-2	390029	383046	383313	385462	1.03	cps
Iron	56-2	7806596	7724154	7740533	7757094	0.56	cps
Iron	57-2	196076	195681	194843	195533	0.32	cps
Lead	206-1	567934	584143	588075	580050	1.84	cps
Lead	207-1	493483	511884	508292	504553	1.93	cps
Lead	208-1	2260076	2315619	2318480	2298058	1.43	cps
Lithium	6-1	1202223	1221649	1223091	1215655	0.96	cps
Magnesium	24-2	153309	153192	155770	154090	0.94	cps
Manganese	55-2	343958	337812	341583	341118	0.91	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DL3X10	Instrumnet Name :	P8
Client Sample ID :	0522DL	Dilution Factor :	10
Date & Time Acquired ::	2017-08-10 14:16:28	DataFile Name :	031SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	94268	98933	96006	96402	2.45	cps
Molybdenum	95-1	149592	153600	152608	151933	1.37	cps
Molybdenum	96-1	161787	165303	164883	163991	1.17	cps
Molybdenum	97-1	92707	94595	93203	93502	1.05	cps
Molybdenum	98-1	239746	240417	244458	241540	1.06	cps
Neodymium	150-1	8977	8663	9397	9012	4.09	cps
Neodymium	150-2	2000	2067	1997	2021	1.95	cps
Nickel	60-2	198791	198368	197317	198158	0.38	cps
Phosphorus	31-2	267	308	308	294	8.17	cps
Potassium	39-2	47515	47422	46880	47272	0.73	cps
Rhodium	103-1	5602300	5785481	5787298	5725026	1.86	cps
Rhodium	103-2	2046387	2005616	1998382	2016795	1.28	cps
Scandium	45-1	4183142	4242110	4198865	4208039	0.73	cps
Scandium	45-2	45724	44159	44283	44722	1.95	cps
Selenium	77-2	370	260	360	330	18.43	cps
Selenium	78-2	1048	1015	1037	1033	1.64	cps
Selenium	82-1	34751	35667	35667	35362	1.49	cps
Silicon	28-1	1349559	1360584	1439207	1383117	3.53	cps
Silver	109-1	624428	640233	639226	634629	1.39	cps
Silver	107-1	655313	671926	673350	666863	1.50	cps
Sodium	23-2	315306	310511	313398	313072	0.77	cps
Strontium	86-1	555696	568437	564148	562760	1.15	cps
Strontium	88-1	4741450	4868556	4850804	4820270	1.43	cps
Sulfur	34-1	360219	360268	361339	360609	0.18	cps
Terbium	159-1	6052065	6361240	6284813	6232706	2.58	cps
Terbium	159-2	2008910	2007598	1994446	2003651	0.40	cps
Thallium	203-1	858934	884736	887857	877176	1.81	cps
Thallium	205-1	2095526	2156594	2145943	2132687	1.53	cps
Tin	118-1	734594	743096	738327	738672	0.58	cps
Titanium	47-1	29282	30000	29281	29521	1.40	cps
Uranium	238-1	3534	3817	3501	3617	4.81	cps
Vanadium	51-2	217738	215186	217508	216811	0.65	cps
Yttrium	89-1	6546873	6839131	6751142	6712382	2.23	cps
Yttrium	89-2	299988	296009	294566	296854	0.95	cps
Zinc	66-2	48842	48842	48404	48696	0.52	cps
Zirconium	90-1	29408	29867	29992	29756	1.03	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DL3X10	Instrumnet Name :	P8
Client Sample ID :	0522DL	Dilution Factor :	10
Date & Time Acquired ::	2017-08-10 14:16:28	DataFile Name :	031SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6610	6544	6552	6569	0.55	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	0522DL2	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 14:19:35	DataFile Name :	032SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101109	96636	97484	98410	2.41	cps
Antimony	121-1	784866	805209	813532	801202	1.84	cps
Arsenic	75-2	50895	50021	49895	50271	1.08	cps
Barium	135-1	754378	768248	775074	765900	1.38	cps
Barium	137-1	1295315	1344341	1326729	1322128	1.88	cps
Beryllium	9-1	323890	329276	331953	328373	1.25	cps
Bismuth	209-1	3343852	3413008	3412148	3389669	1.17	cps
Bismuth	209-2	1555729	1542482	1551834	1550015	0.44	cps
Boron	10-1	120461	123385	127185	123677	2.73	cps
Boron	11-1	546604	568514	571423	562180	2.41	cps
Cadmium	111-1	619390	639474	630544	629803	1.60	cps
Cadmium	106-1	57055	59415	58126	58199	2.03	cps
Cadmium	108-1	40691	41748	41723	41387	1.46	cps
Calcium	43-1	483383	494204	491209	489599	1.14	cps
Calcium	44-1	7914925	8085907	7970938	7990590	1.09	cps
Chromium	52-2	447707	440153	443843	443901	0.85	cps
Cobalt	59-2	402497	401155	405423	403025	0.54	cps
Copper	63-2	555278	547644	553268	552063	0.72	cps
Dysprosium	156-1	13199	14000	13015	13405	3.91	cps
Dysprosium	156-2	5108	4961	4791	4953	3.20	cps
Erbium	164-1	11164	12165	11873	11734	4.39	cps
Erbium	164-2	3741	3614	3811	3722	2.68	cps
Gadolinium	160-1	13116	13658	14142	13638	3.76	cps
Gadolinium	160-2	5908	5801	5915	5875	1.08	cps
Holmium	165-1	5868469	6043948	5908064	5940160	1.55	cps
Holmium	165-2	2060496	2049159	2053536	2054397	0.28	cps
Indium	115-1	5723652	5869785	5851715	5815051	1.37	cps
Indium	115-2	385302	380929	383010	383080	0.57	cps
Iron	56-2	15301536	15357906	15222207	15293883	0.45	cps
Iron	57-2	386572	385689	388379	386880	0.35	cps
Lead	206-1	1151231	1172202	1163381	1162271	0.91	cps
Lead	207-1	992752	1018777	1013760	1008430	1.37	cps
Lead	208-1	4611703	4728032	4710629	4683455	1.34	cps
Lithium	6-1	1196256	1228072	1198111	1207480	1.48	cps
Magnesium	24-2	303669	302794	305528	303997	0.46	cps
Manganese	55-2	673519	664408	663227	667051	0.84	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	0522DL2	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 14:19:35	DataFile Name :	032SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	188923	196161	193552	192878	1.90	cps
Molybdenum	95-1	295688	304311	300462	300154	1.44	cps
Molybdenum	96-1	320815	331839	329866	327507	1.79	cps
Molybdenum	97-1	186834	191400	186652	188296	1.43	cps
Molybdenum	98-1	474797	490186	480122	481702	1.62	cps
Neodymium	150-1	17913	18567	18600	18360	2.11	cps
Neodymium	150-2	3727	3711	3854	3764	2.08	cps
Nickel	60-2	392110	385392	388801	388768	0.86	cps
Phosphorus	31-2	583	483	550	539	9.45	cps
Potassium	39-2	90892	89710	90910	90504	0.76	cps
Rhodium	103-1	5576069	5663980	5674183	5638077	0.96	cps
Rhodium	103-2	2030771	1994208	2019556	2014845	0.93	cps
Scandium	45-1	4198212	4248900	4217080	4221397	0.61	cps
Scandium	45-2	44724	44056	43889	44223	1.00	cps
Selenium	77-2	630	580	643	618	5.41	cps
Selenium	78-2	2037	2019	2069	2042	1.24	cps
Selenium	82-1	69161	70864	70678	70234	1.33	cps
Silicon	28-1	2257569	2208901	2211015	2225828	1.24	cps
Silver	109-1	1244971	1297225	1278140	1273446	2.08	cps
Silver	107-1	1310560	1345346	1347854	1334587	1.56	cps
Sodium	23-2	611342	599399	612078	607606	1.17	cps
Strontium	86-1	1096474	1130942	1122957	1116791	1.62	cps
Strontium	88-1	9404501	9631626	9446465	9494197	1.27	cps
Sulfur	34-1	360222	360870	362110	361067	0.27	cps
Terbium	159-1	6225120	6327509	6257885	6270171	0.83	cps
Terbium	159-2	2021596	1998542	1998425	2006188	0.67	cps
Thallium	203-1	1813947	1859067	1834048	1835687	1.23	cps
Thallium	205-1	4235474	4272287	4268502	4258754	0.48	cps
Tin	118-1	1442305	1481849	1479651	1467935	1.51	cps
Titanium	47-1	61443	58757	59699	59966	2.27	cps
Uranium	238-1	6894	7403	7686	7328	5.48	cps
Vanadium	51-2	427642	427066	422458	425722	0.67	cps
Yttrium	89-1	6757557	6823553	6703666	6761592	0.89	cps
Yttrium	89-2	302422	296773	297642	298946	1.02	cps
Zinc	66-2	96640	95153	95308	95700	0.85	cps
Zirconium	90-1	58284	59991	57824	58700	1.95	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	0522DL2	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 14:19:35	DataFile Name :	032SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	12648	13274	13474	13132	3.28	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01	Instrumnet Name :	P8
Client Sample ID :	0522	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:28:51	DataFile Name :	033SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	431662	432223	427412	430432	0.61	cps
Antimony	121-1	3830199	3886930	3975811	3897647	1.88	cps
Arsenic	75-2	229095	230160	227910	229055	0.49	cps
Barium	135-1	3712961	3784171	3794965	3764032	1.18	cps
Barium	137-1	6258486	6416094	6430370	6368317	1.50	cps
Beryllium	9-1	1483167	1500329	1514645	1499380	1.05	cps
Bismuth	209-1	3351064	3449258	3476792	3425704	1.93	cps
Bismuth	209-2	1435915	1444642	1445259	1441939	0.36	cps
Boron	10-1	557545	567429	583583	569519	2.31	cps
Boron	11-1	2544160	2614882	2689454	2616165	2.78	cps
Cadmium	111-1	2906961	3010555	3001503	2973006	1.93	cps
Cadmium	106-1	259648	266872	272741	266421	2.46	cps
Cadmium	108-1	189084	192655	198623	193454	2.49	cps
Calcium	43-1	2330362	2341686	2345663	2339237	0.34	cps
Calcium	44-1	37039961	37366291	38043051	37483101	1.37	cps
Chromium	52-2	2080548	2063674	2065066	2069763	0.45	cps
Cobalt	59-2	1880499	1884124	1883960	1882861	0.11	cps
Copper	63-2	2554413	2549708	2568474	2557532	0.38	cps
Dysprosium	156-1	63823	65842	67022	65562	2.47	cps
Dysprosium	156-2	23241	22987	23147	23125	0.55	cps
Erbium	164-1	56181	56859	58340	57126	1.93	cps
Erbium	164-2	16914	17178	17452	17182	1.56	cps
Gadolinium	160-1	65314	66244	66796	66118	1.13	cps
Gadolinium	160-2	27356	27305	27536	27399	0.44	cps
Holmium	165-1	5896894	5955339	5983118	5945117	0.74	cps
Holmium	165-2	1921756	1949013	1941166	1937312	0.72	cps
Indium	115-1	5505383	5654915	5599060	5586453	1.35	cps
Indium	115-2	330427	333700	333342	332490	0.54	cps
Iron	56-2	69141629	69170011	69478478	69263373	0.27	cps
Iron	57-2	1781443	1776564	1785685	1781231	0.26	cps
Lead	206-1	5589192	5838851	5842193	5756745	2.52	cps
Lead	207-1	4889176	4990440	5080850	4986822	1.92	cps
Lead	208-1	22136594	22790772	23072038	22666468	2.12	cps
Lithium	6-1	1287049	1319066	1320603	1308906	1.45	cps
Magnesium	24-2	1402963	1367842	1383919	1384908	1.27	cps
Manganese	55-2	3019914	3045161	2994808	3019961	0.83	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01	Instrumnet Name :	P8
Client Sample ID :	0522	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:28:51	DataFile Name :	033SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	892790	920627	931884	915100	2.20	cps
Molybdenum	95-1	1427511	1469169	1504297	1466992	2.62	cps
Molybdenum	96-1	1559145	1620245	1633662	1604351	2.48	cps
Molybdenum	97-1	863951	898332	898373	886885	2.24	cps
Molybdenum	98-1	2271297	2342796	2390168	2334754	2.56	cps
Neodymium	150-1	86121	89337	91732	89063	3.16	cps
Neodymium	150-2	17842	17502	17489	17611	1.14	cps
Nickel	60-2	1784381	1798286	1815532	1799400	0.87	cps
Phosphorus	31-2	2384	2709	2192	2428	10.76	cps
Potassium	39-2	385918	382151	376272	381447	1.27	cps
Rhodium	103-1	5319956	5443014	5506230	5423067	1.75	cps
Rhodium	103-2	1837834	1837997	1849302	1841711	0.36	cps
Scandium	45-1	4140532	4205443	4194678	4180217	0.83	cps
Scandium	45-2	41374	41926	41013	41438	1.11	cps
Selenium	77-2	2754	2807	2824	2795	1.31	cps
Selenium	78-2	9042	9042	8853	8979	1.22	cps
Selenium	82-1	321191	326721	332326	326746	1.70	cps
Silicon	28-1	8171660	8145362	8617782	8311601	3.19	cps
Silver	109-1	5872560	5979688	6030650	5960966	1.35	cps
Silver	107-1	6109311	6275691	6439896	6274966	2.63	cps
Sodium	23-2	2770816	2792256	2755166	2772746	0.67	cps
Strontium	86-1	5192465	5269006	5357848	5273106	1.57	cps
Strontium	88-1	44453690	45210326	45938073	45200696	1.64	cps
Sulfur	34-1	440687	442269	444375	442444	0.42	cps
Terbium	159-1	6148462	6358793	6374967	6294074	2.01	cps
Terbium	159-2	1870963	1859407	1882812	1871061	0.63	cps
Thallium	203-1	8557885	8803354	8944006	8768415	2.23	cps
Thallium	205-1	20168951	20608004	20951308	20576087	1.91	cps
Tin	118-1	6806744	7026415	7011912	6948357	1.77	cps
Titanium	47-1	267221	271338	273337	270632	1.15	cps
Uranium	238-1	35594	35000	35836	35477	1.21	cps
Vanadium	51-2	2005688	1986541	2000606	1997612	0.50	cps
Yttrium	89-1	7240139	7292553	7349142	7293945	0.75	cps
Yttrium	89-2	301729	301987	302409	302042	0.11	cps
Zinc	66-2	417267	421337	419507	419371	0.49	cps
Zirconium	90-1	267378	276341	276708	273476	1.93	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01	Instrumnet Name :	P8
Client Sample ID :	0522	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:28:51	DataFile Name :	033SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	60310	61699	62109	61373	1.54	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DLX2	Instrumnet Name :	P8
Client Sample ID :	0522DL	Dilution Factor :	2
Date & Time Acquired ::	2017-08-10 14:41:18	DataFile Name :	034SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	228310	223424	225750	225828	1.08	cps
Antimony	121-1	1950530	2004039	2017400	1990656	1.78	cps
Arsenic	75-2	120021	119076	119933	119677	0.44	cps
Barium	135-1	1902524	1936298	1953588	1930803	1.35	cps
Barium	137-1	3223763	3360888	3347660	3310770	2.28	cps
Beryllium	9-1	757086	772332	784040	771153	1.75	cps
Bismuth	209-1	3322408	3423492	3454321	3400073	2.03	cps
Bismuth	209-2	1467128	1484896	1475936	1475987	0.60	cps
Boron	10-1	286684	293153	299242	293027	2.14	cps
Boron	11-1	1330482	1352807	1361524	1348271	1.19	cps
Cadmium	111-1	1480368	1509915	1549152	1513145	2.28	cps
Cadmium	106-1	135249	138069	142950	138756	2.81	cps
Cadmium	108-1	97226	100379	102540	100048	2.67	cps
Calcium	43-1	1171202	1168600	1196426	1178743	1.30	cps
Calcium	44-1	19047231	19265683	19432187	19248367	1.00	cps
Chromium	52-2	1063165	1058767	1061523	1061152	0.21	cps
Cobalt	59-2	962736	953940	959603	958760	0.46	cps
Copper	63-2	1320988	1316604	1318607	1318733	0.17	cps
Dysprosium	156-1	32224	33043	32667	32645	1.26	cps
Dysprosium	156-2	11829	11799	11822	11817	0.13	cps
Erbium	164-1	27572	27839	28148	27853	1.04	cps
Erbium	164-2	8870	8863	8980	8904	0.74	cps
Gadolinium	160-1	33561	33336	34748	33881	2.24	cps
Gadolinium	160-2	14125	14448	14061	14211	1.46	cps
Holmium	165-1	5833467	5968013	6048987	5950156	1.83	cps
Holmium	165-2	1967811	1967229	1933041	1956027	1.02	cps
Indium	115-1	5567151	5695608	5782364	5681708	1.91	cps
Indium	115-2	351465	352550	351434	351816	0.18	cps
Iron	56-2	36580245	36202622	36162661	36315176	0.63	cps
Iron	57-2	920438	912740	911365	914848	0.53	cps
Lead	206-1	2885229	2972706	3037770	2965235	2.58	cps
Lead	207-1	2499772	2545100	2591134	2545335	1.79	cps
Lead	208-1	11416364	11674063	11954292	11681573	2.30	cps
Lithium	6-1	1205797	1240079	1247541	1231139	1.81	cps
Magnesium	24-2	713467	710229	711467	711721	0.23	cps
Manganese	55-2	1589795	1593144	1594529	1592489	0.15	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DLX2	Instrumnet Name :	P8
Client Sample ID :	0522DL	Dilution Factor :	2
Date & Time Acquired ::	2017-08-10 14:41:18	DataFile Name :	034SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	460516	465892	476929	467779	1.79	cps
Molybdenum	95-1	719741	732356	737864	729987	1.27	cps
Molybdenum	96-1	783373	796326	811843	797181	1.79	cps
Molybdenum	97-1	446435	453723	466281	455480	2.20	cps
Molybdenum	98-1	1155131	1173946	1199229	1176102	1.88	cps
Neodymium	150-1	43974	46256	47159	45796	3.58	cps
Neodymium	150-2	9590	9337	9160	9362	2.31	cps
Nickel	60-2	930226	931250	928553	930009	0.15	cps
Phosphorus	31-2	1225	942	1233	1133	14.65	cps
Potassium	39-2	205208	202882	202960	203684	0.65	cps
Rhodium	103-1	5459685	5565990	5681284	5568986	1.99	cps
Rhodium	103-2	1936310	1909057	1865400	1903589	1.88	cps
Scandium	45-1	4122266	4093743	4205942	4140650	1.41	cps
Scandium	45-2	42340	42601	42571	42504	0.34	cps
Selenium	77-2	1447	1493	1367	1436	4.46	cps
Selenium	78-2	4556	4775	4577	4636	2.60	cps
Selenium	82-1	165906	169466	172400	169257	1.92	cps
Silicon	28-1	4586404	4646302	4729669	4654125	1.55	cps
Silver	109-1	3059720	3135407	3167034	3120720	1.77	cps
Silver	107-1	3228797	3306677	3320813	3285429	1.51	cps
Sodium	23-2	1468346	1459355	1458180	1461960	0.38	cps
Strontium	86-1	2685168	2721667	2760145	2722327	1.38	cps
Strontium	88-1	22855182	23078539	23339735	23091152	1.05	cps
Sulfur	34-1	379878	378598	381026	379834	0.32	cps
Terbium	159-1	6139849	6267498	6430524	6279290	2.32	cps
Terbium	159-2	1930012	1919155	1897181	1915449	0.87	cps
Thallium	203-1	4419440	4540542	4594725	4518236	1.99	cps
Thallium	205-1	10208466	10418298	10746106	10457624	2.59	cps
Tin	118-1	3576109	3620067	3645535	3613904	0.97	cps
Titanium	47-1	135096	140524	142778	139466	2.83	cps
Uranium	238-1	17530	18439	18373	18114	2.80	cps
Vanadium	51-2	1019418	1017242	1008381	1015014	0.58	cps
Yttrium	89-1	6857290	6932753	7040221	6943421	1.32	cps
Yttrium	89-2	292011	290592	291157	291253	0.25	cps
Zinc	66-2	223610	222694	222133	222812	0.33	cps
Zirconium	90-1	139553	142532	141925	141337	1.11	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4349-01DLX2	Instrumnet Name :	P8
Client Sample ID :	0522DL	Dilution Factor :	2
Date & Time Acquired ::	2017-08-10 14:41:18	DataFile Name :	034SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	32323	31471	32532	32109	1.75	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:50:52	DataFile Name :	035CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	381207	383995	391949	385717	1.45	cps
Antimony	121-1	3980838	4100865	4186522	4089408	2.53	cps
Arsenic	75-2	66094	66764	67605	66821	1.13	cps
Barium	135-1	4073689	4185900	4287447	4182346	2.56	cps
Barium	137-1	6888577	7212258	7230088	7110308	2.70	cps
Beryllium	9-1	710194	723186	731090	721490	1.46	cps
Bismuth	209-1	3472266	3629838	3647139	3583081	2.69	cps
Bismuth	209-2	1502175	1515700	1534242	1517372	1.06	cps
Boron	10-1	84021	88154	89059	87078	3.08	cps
Boron	11-1	388950	404214	414795	402653	3.23	cps
Cadmium	111-1	862009	889977	904067	885351	2.42	cps
Cadmium	106-1	90101	93464	93330	92298	2.06	cps
Cadmium	108-1	60280	63202	63754	62412	2.99	cps
Calcium	43-1	5007944	5167371	5145807	5107041	1.69	cps
Calcium	44-1	81595985	83843219	84625325	83354843	1.89	cps
Chromium	52-2	542634	543771	553001	546469	1.04	cps
Cobalt	59-2	1098026	1115968	1119520	1111171	1.04	cps
Copper	63-2	1883711	1901194	1931142	1905349	1.26	cps
Dysprosium	156-1	58	100	100	86	27.93	cps
Dysprosium	156-2	20	10	10	13	43.30	cps
Erbium	164-1	67	42	83	64	32.83	cps
Erbium	164-2	20	7	7	11	69.25	cps
Gadolinium	160-1	83	100	150	111	31.22	cps
Gadolinium	160-2	10	23	23	19	40.75	cps
Holmium	165-1	6227442	6432328	6454511	6371427	1.96	cps
Holmium	165-2	2025267	2059226	2096793	2060429	1.74	cps
Indium	115-1	5713927	5844042	5979465	5845812	2.27	cps
Indium	115-2	360557	361422	364295	362091	0.54	cps
Iron	56-2	86331805	87081419	87999249	87137491	0.96	cps
Iron	57-2	2195961	2248747	2255864	2233524	1.47	cps
Lead	206-1	1992765	2031603	2071012	2031793	1.93	cps
Lead	207-1	1780720	1807736	1827159	1805205	1.29	cps
Lead	208-1	7974384	8213128	8275814	8154442	1.95	cps
Lithium	6-1	1138448	1167683	1180279	1162137	1.85	cps
Magnesium	24-2	9185185	9280176	9354848	9273403	0.92	cps
Manganese	55-2	305772	309356	310219	308449	0.76	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:50:52	DataFile Name :	035CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3399143	3548475	3573501	3507039	2.69	cps
Molybdenum	95-1	1841071	1912748	1938777	1897532	2.67	cps
Molybdenum	96-1	2385416	2449196	2480432	2438348	1.99	cps
Molybdenum	97-1	1112698	1145163	1161723	1139861	2.19	cps
Molybdenum	98-1	2952638	2993559	3048136	2998111	1.60	cps
Neodymium	150-1	167	220	193	193	13.79	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	318782	320048	326219	321683	1.24	cps
Phosphorus	31-2	5535	5643	6018	5732	4.43	cps
Potassium	39-2	2980929	2974173	3005165	2986755	0.55	cps
Rhodium	103-1	5470615	5632621	5685072	5596103	2.00	cps
Rhodium	103-2	1894126	1872488	1872806	1879807	0.66	cps
Scandium	45-1	4041301	4162163	4152314	4118593	1.63	cps
Scandium	45-2	41368	41652	42691	41904	1.66	cps
Selenium	77-2	433	487	430	450	7.07	cps
Selenium	78-2	1624	1602	1615	1614	0.69	cps
Selenium	82-1	57083	59177	60781	59014	3.14	cps
Silicon	28-1	2163650	2191918	2220299	2191956	1.29	cps
Silver	109-1	4163205	4293108	4333433	4263248	2.09	cps
Silver	107-1	4358767	4533187	4530139	4474031	2.23	cps
Sodium	23-2	22622078	22910923	23149861	22894287	1.15	cps
Strontium	86-1	1191646	1237197	1248866	1225903	2.47	cps
Strontium	88-1	10187940	10617820	10696228	10500663	2.61	cps
Sulfur	34-1	670827	686111	689027	681988	1.43	cps
Terbium	159-1	6446731	6809169	6882217	6712705	3.47	cps
Terbium	159-2	2016589	2019142	2025895	2020542	0.24	cps
Thallium	203-1	2473398	2544558	2567620	2528525	1.94	cps
Thallium	205-1	5756773	5898644	5931057	5862158	1.58	cps
Tin	118-1	2791249	2852542	2923475	2855756	2.32	cps
Titanium	47-1	549086	556967	560565	555539	1.06	cps
Uranium	238-1	7158180	7410689	7525883	7364918	2.55	cps
Vanadium	51-2	404018	409039	412860	408639	1.09	cps
Yttrium	89-1	6536283	6796906	6896298	6743162	2.76	cps
Yttrium	89-2	277416	278550	280661	278876	0.59	cps
Zinc	66-2	171360	171283	175498	172714	1.40	cps
Zirconium	90-1	6485679	6777866	6758516	6674020	2.45	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 14:50:52	DataFile Name :	035CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1447174	1494140	1519455	1486923	2.47	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:10:43	DataFile Name :	038LCS6_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	217	233	239	10.66	cps
Antimony	121-1	13916	14317	14191	14141	1.45	cps
Arsenic	75-2	120	139	150	136	10.97	cps
Barium	135-1	13099	14125	13891	13705	3.92	cps
Barium	137-1	23664	23630	23889	23728	0.59	cps
Beryllium	9-1	1456	1622	1417	1498	7.29	cps
Bismuth	209-1	3238804	3413402	3399480	3350562	2.90	cps
Bismuth	209-2	1518429	1502790	1475703	1498974	1.44	cps
Boron	10-1	5335	5560	5726	5540	3.55	cps
Boron	11-1	25724	24605	26375	25568	3.50	cps
Cadmium	111-1	2347	2464	2487	2433	3.09	cps
Cadmium	106-1	1292	1283	1408	1328	5.26	cps
Cadmium	108-1	142	108	100	117	18.90	cps
Calcium	43-1	11564	12114	11363	11680	3.33	cps
Calcium	44-1	196329	201932	201248	199836	1.53	cps
Chromium	52-2	3197	3337	3404	3313	3.18	cps
Cobalt	59-2	2257	2160	2097	2171	3.71	cps
Copper	63-2	4628	4554	4581	4588	0.81	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	17	25	28	45.82	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	0	13	10	8	89.21	cps
Holmium	165-1	5678699	5856530	5916290	5817173	2.12	cps
Holmium	165-2	2042577	2005694	1975364	2007878	1.68	cps
Indium	115-1	5626665	5870075	5802979	5766573	2.18	cps
Indium	115-2	381918	375571	374094	377194	1.10	cps
Iron	56-2	38448	37830	37579	37952	1.18	cps
Iron	57-2	917	1017	861	932	8.46	cps
Lead	206-1	3667	4073	3867	3869	5.24	cps
Lead	207-1	3712	3706	3395	3604	5.03	cps
Lead	208-1	15810	16599	16160	16190	2.44	cps
Lithium	6-1	1145117	1204231	1175059	1174802	2.52	cps
Magnesium	24-2	18004	17528	18263	17931	2.08	cps
Manganese	55-2	503	437	510	483	8.39	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:10:43	DataFile Name :	038LCS6_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12506	13149	13441	13032	3.67	cps
Molybdenum	95-1	14850	15484	16361	15565	4.87	cps
Molybdenum	96-1	16845	17387	16844	17025	1.84	cps
Molybdenum	97-1	9279	9437	9679	9465	2.13	cps
Molybdenum	98-1	24147	25174	24965	24762	2.19	cps
Neodymium	150-1	27	20	0	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	850	797	800	816	3.66	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	14959	14833	15326	15039	1.70	cps
Rhodium	103-1	5523814	5708604	5756281	5662900	2.17	cps
Rhodium	103-2	2014436	1964417	1972189	1983681	1.36	cps
Scandium	45-1	3917693	4155764	4136065	4069840	3.25	cps
Scandium	45-2	43778	43177	42210	43055	1.84	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	19	22	24	22	13.08	cps
Selenium	82-1	533	495	571	533	7.15	cps
Silicon	28-1	454511	456040	459061	456537	0.51	cps
Silver	109-1	10029	9837	10655	10174	4.20	cps
Silver	107-1	10596	10821	11222	10880	2.91	cps
Sodium	23-2	49470	49838	49261	49523	0.59	cps
Strontium	86-1	3526	3326	3634	3495	4.48	cps
Strontium	88-1	18505	19331	19048	18961	2.21	cps
Sulfur	34-1	362835	366989	364033	364619	0.59	cps
Terbium	159-1	5977964	6255274	6213039	6148759	2.43	cps
Terbium	159-2	1960842	1947112	1941237	1949730	0.52	cps
Thallium	203-1	3901	3984	4068	3984	2.09	cps
Thallium	205-1	10155	10488	9496	10046	5.03	cps
Tin	118-1	24022	24907	25150	24693	2.40	cps
Titanium	47-1	4968	5101	5243	5104	2.70	cps
Uranium	238-1	11114	11781	11839	11578	3.48	cps
Vanadium	51-2	3867	3897	3791	3852	1.43	cps
Yttrium	89-1	6396789	6677791	6541006	6538529	2.15	cps
Yttrium	89-2	286104	282194	280522	282940	1.01	cps
Zinc	66-2	407	497	503	469	11.51	cps
Zirconium	90-1	10963	11956	11697	11539	4.46	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	LLCCV2	Instrumnet Name :	P8
Client Sample ID :	LLCCV2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:10:43	DataFile Name :	038LCS6_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2492	2684	2809	2661	5.99	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : CCB83 Instrumnet Name : P8
 Client Sample ID : CCB83 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 15:14:57 DataFile Name : 039CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	50	28	75.51	cps
Antimony	121-1	125	92	125	114	16.90	cps
Arsenic	75-2	4	2	15	7	103.29	cps
Barium	135-1	33	17	25	25	33.32	cps
Barium	137-1	58	50	92	67	33.07	cps
Beryllium	9-1	144	139	156	146	5.80	cps
Bismuth	209-1	3159606	3293477	3353105	3268729	3.03	cps
Bismuth	209-2	1530252	1521036	1522665	1524651	0.32	cps
Boron	10-1	1825	1967	1934	1909	3.88	cps
Boron	11-1	8278	8495	8545	8439	1.68	cps
Cadmium	111-1	809	835	710	785	8.42	cps
Cadmium	106-1	1167	1175	1008	1117	8.41	cps
Cadmium	108-1	17	13	13	14	17.33	cps
Calcium	43-1	2250	2525	2492	2423	6.20	cps
Calcium	44-1	44823	45809	45074	45235	1.13	cps
Chromium	52-2	1090	1177	1160	1142	4.03	cps
Cobalt	59-2	77	33	57	56	39.04	cps
Copper	63-2	313	263	413	330	23.15	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	17	0	17	99.99	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	33	67	25	42	52.92	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	5396697	5650820	5823612	5623710	3.82	cps
Holmium	165-2	2047291	2015605	2010081	2024326	0.99	cps
Indium	115-1	5404196	5735570	5768571	5636112	3.58	cps
Indium	115-2	378236	379872	383183	380430	0.66	cps
Iron	56-2	3595	3584	3484	3554	1.72	cps
Iron	57-2	78	106	94	93	15.10	cps
Lead	206-1	433	378	383	398	7.69	cps
Lead	207-1	378	344	489	404	18.73	cps
Lead	208-1	1706	1533	1828	1689	8.76	cps
Lithium	6-1	1103343	1153004	1163826	1140058	2.83	cps
Magnesium	24-2	158	175	208	181	14.10	cps
Manganese	55-2	110	110	97	106	7.29	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:14:57	DataFile Name :	039CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150	225	183	186	20.19	cps
Molybdenum	95-1	50	50	17	39	49.48	cps
Molybdenum	96-1	108	142	133	128	13.57	cps
Molybdenum	97-1	58	125	50	78	52.85	cps
Molybdenum	98-1	17	25	17	19	24.73	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	163	147	170	160	7.51	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	3692	3551	4051	3765	6.85	cps
Rhodium	103-1	5299870	5577460	5670052	5515794	3.49	cps
Rhodium	103-2	2018243	2014542	1967426	2000071	1.42	cps
Scandium	45-1	3788050	4056228	4142939	3995739	4.63	cps
Scandium	45-2	44183	43166	43912	43754	1.20	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	6	6	5	21.74	cps
Selenium	82-1	34	-50	43	9	557.99	cps
Silicon	28-1	421930	428301	429123	426451	0.92	cps
Silver	109-1	250	342	367	319	19.23	cps
Silver	107-1	417	317	358	364	13.80	cps
Sodium	23-2	6152	5751	5918	5940	3.38	cps
Strontium	86-1	1250	1600	1450	1433	12.25	cps
Strontium	88-1	175	158	167	167	5.00	cps
Sulfur	34-1	365305	370527	371725	369186	0.92	cps
Terbium	159-1	5665047	6034629	6267717	5989131	5.07	cps
Terbium	159-2	1990808	1971463	1955547	1972606	0.90	cps
Thallium	203-1	117	142	142	133	10.83	cps
Thallium	205-1	333	292	258	294	12.76	cps
Tin	118-1	675	758	750	728	6.31	cps
Titanium	47-1	133	100	108	114	15.23	cps
Uranium	238-1	50	25	42	39	32.73	cps
Vanadium	51-2	3	30	20	18	75.79	cps
Yttrium	89-1	5987577	6443903	6440294	6290591	4.17	cps
Yttrium	89-2	289025	287521	286032	287526	0.52	cps
Zinc	66-2	70	90	73	78	13.78	cps
Zirconium	90-1	508	542	425	492	12.22	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:14:57	DataFile Name :	039CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	92	58	81	23.89	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101417BL	Instrumnet Name :	P8
Client Sample ID :	PB101417BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:48:22	DataFile Name :	040CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	25	19	24.73	cps
Antimony	121-1	133	150	100	128	19.93	cps
Arsenic	75-2	4	6	0	3	91.69	cps
Barium	135-1	58	17	50	42	52.91	cps
Barium	137-1	50	67	117	78	44.61	cps
Beryllium	9-1	122	178	161	154	18.55	cps
Bismuth	209-1	3363457	3411480	3415468	3396802	0.85	cps
Bismuth	209-2	1585815	1567220	1566922	1573319	0.69	cps
Boron	10-1	683	833	958	825	16.69	cps
Boron	11-1	3892	3367	3551	3603	7.40	cps
Cadmium	111-1	733	968	901	867	13.91	cps
Cadmium	106-1	1042	1367	1275	1228	13.65	cps
Cadmium	108-1	0	8	13	7	91.66	cps
Calcium	43-1	2642	2550	2625	2606	1.87	cps
Calcium	44-1	46035	45140	46570	45915	1.57	cps
Chromium	52-2	1107	1043	1077	1076	2.95	cps
Cobalt	59-2	37	50	63	50	26.66	cps
Copper	63-2	227	200	220	216	6.44	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	75	25	47	53.91	cps
Erbium	164-2	3	10	13	9	57.30	cps
Gadolinium	160-1	50	42	75	56	31.22	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	5970979	5853420	5898332	5907577	1.00	cps
Holmium	165-2	2138863	2115098	2096849	2116937	1.00	cps
Indium	115-1	6010016	6008490	5972729	5997078	0.35	cps
Indium	115-2	405998	404279	405947	405408	0.24	cps
Iron	56-2	3606	3573	3562	3580	0.65	cps
Iron	57-2	72	100	67	80	22.42	cps
Lead	206-1	356	367	383	369	3.79	cps
Lead	207-1	300	328	339	322	6.21	cps
Lead	208-1	1267	1456	1539	1420	9.82	cps
Lithium	6-1	1245918	1237624	1236900	1240147	0.40	cps
Magnesium	24-2	142	167	158	156	8.18	cps
Manganese	55-2	140	113	133	129	10.76	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101417BL	Instrumnet Name :	P8
Client Sample ID :	PB101417BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:48:22	DataFile Name :	040CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	258	192	142	197	29.68	cps
Molybdenum	95-1	17	25	17	19	24.73	cps
Molybdenum	96-1	133	58	50	81	56.97	cps
Molybdenum	97-1	17	42	67	42	60.00	cps
Molybdenum	98-1	17	17	0	11	86.60	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	143	177	190	170	14.14	cps
Phosphorus	31-2	17	25	17	19	24.73	cps
Potassium	39-2	3609	3917	3742	3756	4.12	cps
Rhodium	103-1	5901699	5934916	5961074	5932563	0.50	cps
Rhodium	103-2	2147770	2095226	2106128	2116375	1.31	cps
Scandium	45-1	4335976	4367592	4338917	4347495	0.40	cps
Scandium	45-2	46182	47427	47075	46895	1.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	7	9	7	24.97	cps
Selenium	82-1	-6	79	-38	12	521.63	cps
Silicon	28-1	436357	430922	430515	432598	0.75	cps
Silver	109-1	133	117	150	133	12.50	cps
Silver	107-1	192	150	167	169	12.38	cps
Sodium	23-2	5251	5735	5568	5518	4.45	cps
Strontium	86-1	1375	1484	1092	1317	15.36	cps
Strontium	88-1	550	550	550	550	0.00	cps
Sulfur	34-1	381750	384691	382428	382957	0.40	cps
Terbium	159-1	6323306	6206806	6248920	6259678	0.94	cps
Terbium	159-2	2093835	2039067	2061187	2064697	1.33	cps
Thallium	203-1	75	117	117	103	23.41	cps
Thallium	205-1	358	308	300	322	9.79	cps
Tin	118-1	675	500	575	583	15.05	cps
Titanium	47-1	175	200	125	167	22.91	cps
Uranium	238-1	42	42	50	44	10.82	cps
Vanadium	51-2	17	10	20	16	32.73	cps
Yttrium	89-1	6825079	6848333	6796476	6823296	0.38	cps
Yttrium	89-2	308411	307194	307136	307580	0.23	cps
Zinc	66-2	87	83	77	82	6.19	cps
Zirconium	90-1	508	550	375	478	19.13	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101417BL	Instrumnet Name :	P8
Client Sample ID :	PB101417BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:48:22	DataFile Name :	040CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	125	117	106	25.38	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101417BS	Instrumnet Name :	P8
Client Sample ID :	PB101417BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:51:32	DataFile Name :	041LCS6_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79590	78064	81132	79595	1.93	cps
Antimony	121-1	4071277	4135448	4144542	4117089	0.97	cps
Arsenic	75-2	69641	70300	70817	70253	0.84	cps
Barium	135-1	4036842	4112442	4175408	4108231	1.69	cps
Barium	137-1	6942033	7012613	6990181	6981609	0.52	cps
Beryllium	9-1	744348	750325	754115	749596	0.66	cps
Bismuth	209-1	3469687	3623976	3609636	3567766	2.39	cps
Bismuth	209-2	1585322	1593612	1604343	1594426	0.60	cps
Boron	10-1	85018	86560	88581	86720	2.06	cps
Boron	11-1	379599	396422	400370	392130	2.81	cps
Cadmium	111-1	890881	909341	923897	908039	1.82	cps
Cadmium	106-1	95429	96351	96444	96075	0.58	cps
Cadmium	108-1	63064	64612	64918	64198	1.55	cps
Calcium	43-1	1075664	1081946	1080098	1079236	0.30	cps
Calcium	44-1	17546018	17658263	17683364	17629215	0.41	cps
Chromium	52-2	576426	571218	577932	575192	0.61	cps
Cobalt	59-2	1188811	1178410	1186879	1184700	0.47	cps
Copper	63-2	2074008	2048985	2054216	2059070	0.64	cps
Dysprosium	156-1	25	58	83	56	52.68	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	42	8	42	31	62.99	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	42	92	58	64	39.85	cps
Gadolinium	160-2	13	13	3	10	57.75	cps
Holmium	165-1	6158619	6244241	6338636	6247165	1.44	cps
Holmium	165-2	2141786	2116004	2153283	2137024	0.89	cps
Indium	115-1	5983244	5990990	6123401	6032545	1.31	cps
Indium	115-2	385441	384800	388416	386219	0.50	cps
Iron	56-2	19264905	19195998	19266017	19242307	0.21	cps
Iron	57-2	483723	486181	488106	486003	0.45	cps
Lead	206-1	1918412	2015481	1976964	1970286	2.48	cps
Lead	207-1	1699517	1780323	1767123	1748987	2.48	cps
Lead	208-1	7706261	8047451	7948672	7900795	2.22	cps
Lithium	6-1	1235050	1217179	1240667	1230965	1.00	cps
Magnesium	24-2	2046498	2017460	2028349	2030769	0.72	cps
Manganese	55-2	327132	325233	329516	327294	0.66	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101417BS	Instrumnet Name :	P8
Client Sample ID :	PB101417BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:51:32	DataFile Name :	041LCS6_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3430924	3468476	3509986	3469795	1.14	cps
Molybdenum	95-1	1909663	1901773	1927528	1912988	0.69	cps
Molybdenum	96-1	2424208	2453466	2490300	2455991	1.35	cps
Molybdenum	97-1	1139514	1140256	1153151	1144307	0.67	cps
Molybdenum	98-1	2951377	2972268	3018154	2980600	1.15	cps
Neodymium	150-1	113	133	140	129	10.77	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	346999	343478	345339	345272	0.51	cps
Phosphorus	31-2	6152	6068	6402	6207	2.80	cps
Potassium	39-2	639864	640175	641433	640491	0.13	cps
Rhodium	103-1	5860448	5798384	5948109	5868980	1.28	cps
Rhodium	103-2	2036248	2009849	2030631	2025576	0.69	cps
Scandium	45-1	4281160	4303130	4371813	4318701	1.09	cps
Scandium	45-2	45437	45109	45463	45337	0.44	cps
Selenium	77-2	470	533	520	508	6.57	cps
Selenium	78-2	1761	1698	1709	1723	1.95	cps
Selenium	82-1	60368	60857	61626	60950	1.04	cps
Silicon	28-1	2268463	2289157	2335261	2297627	1.49	cps
Silver	109-1	4332775	4407542	4487754	4409357	1.76	cps
Silver	107-1	4589961	4612935	4653552	4618816	0.70	cps
Sodium	23-2	4932081	4999532	4959049	4963554	0.68	cps
Strontium	86-1	1193741	1201733	1209048	1201508	0.64	cps
Strontium	88-1	10220933	10301102	10290529	10270855	0.42	cps
Sulfur	34-1	718723	725707	721272	721901	0.49	cps
Terbium	159-1	6527031	6624175	6643488	6598231	0.95	cps
Terbium	159-2	2078328	2088173	2083722	2083408	0.24	cps
Thallium	203-1	2399917	2452073	2471386	2441125	1.51	cps
Thallium	205-1	5600422	5777013	5730452	5702629	1.60	cps
Tin	118-1	2820020	2874527	2873714	2856087	1.09	cps
Titanium	47-1	567366	573144	568099	569536	0.55	cps
Uranium	238-1	6732713	6948071	6951958	6877581	1.82	cps
Vanadium	51-2	429073	428404	429540	429006	0.13	cps
Yttrium	89-1	6827729	6852987	6857153	6845956	0.23	cps
Yttrium	89-2	297928	294134	296384	296149	0.64	cps
Zinc	66-2	186941	187170	186903	187005	0.08	cps
Zirconium	90-1	6535646	6721850	6674764	6644087	1.46	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101417BS	Instrumnet Name :	P8
Client Sample ID :	PB101417BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:51:32	DataFile Name :	041LCS6_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1486625	1486944	1456876	1476815	1.17	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01	Instrumnet Name :	P8
Client Sample ID :	VE-4-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:54:32	DataFile Name :	042SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	158	117	131	18.43	cps
Antimony	121-1	15860	16127	16210	16066	1.14	cps
Arsenic	75-2	217	211	207	212	2.20	cps
Barium	135-1	130194	131076	133847	131706	1.45	cps
Barium	137-1	225596	228325	233815	229245	1.83	cps
Beryllium	9-1	256	189	211	219	15.53	cps
Bismuth	209-1	3406978	3369224	3509328	3428510	2.11	cps
Bismuth	209-2	1431851	1430262	1428502	1430205	0.12	cps
Boron	10-1	13399	14049	13415	13621	2.72	cps
Boron	11-1	62002	62679	60001	61561	2.26	cps
Cadmium	111-1	904	1075	1051	1010	9.16	cps
Cadmium	106-1	1067	1258	1292	1206	10.07	cps
Cadmium	108-1	38	21	29	29	28.58	cps
Calcium	43-1	5292421	5314255	5283585	5296754	0.30	cps
Calcium	44-1	87459248	86730673	85429162	86539694	1.19	cps
Chromium	52-2	1760	1733	1880	1791	4.36	cps
Cobalt	59-2	1780	1760	1723	1755	1.64	cps
Copper	63-2	13267	13420	12923	13203	1.93	cps
Dysprosium	156-1	200	192	275	222	20.65	cps
Dysprosium	156-2	73	53	57	61	17.54	cps
Erbium	164-1	283	233	267	261	9.75	cps
Erbium	164-2	50	43	80	58	33.81	cps
Gadolinium	160-1	225	283	283	264	12.76	cps
Gadolinium	160-2	87	57	103	82	28.76	cps
Holmium	165-1	5872995	5810347	5958293	5880545	1.26	cps
Holmium	165-2	1902853	1876945	1882797	1887532	0.72	cps
Indium	115-1	5808721	5689936	5831520	5776726	1.32	cps
Indium	115-2	346918	345451	343384	345251	0.51	cps
Iron	56-2	708139	698622	704396	703719	0.68	cps
Iron	57-2	17979	17083	17923	17662	2.84	cps
Lead	206-1	3223	2762	2862	2949	8.23	cps
Lead	207-1	2611	2645	2534	2597	2.20	cps
Lead	208-1	12464	11369	11052	11628	6.37	cps
Lithium	6-1	1397651	1419691	1453150	1423497	1.96	cps
Magnesium	24-2	2194786	2142443	2146647	2161292	1.35	cps
Manganese	55-2	8176	8576	8346	8366	2.40	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01	Instrumnet Name :	P8
Client Sample ID :	VE-4-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:54:32	DataFile Name :	042SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3542	3259	3025	3276	7.90	cps
Molybdenum	95-1	2917	2925	2884	2909	0.76	cps
Molybdenum	96-1	3542	3442	3467	3484	1.49	cps
Molybdenum	97-1	1884	1909	1909	1900	0.76	cps
Molybdenum	98-1	4526	4901	4935	4787	4.74	cps
Neodymium	150-1	267	240	373	293	24.05	cps
Neodymium	150-2	50	53	30	44	28.39	cps
Nickel	60-2	1160	1007	1277	1148	11.80	cps
Phosphorus	31-2	42	42	17	33	43.30	cps
Potassium	39-2	34777	34802	34886	34822	0.16	cps
Rhodium	103-1	5262449	5317184	5324751	5301462	0.64	cps
Rhodium	103-2	1826835	1820598	1816102	1821178	0.30	cps
Scandium	45-1	3997191	3949131	3937095	3961139	0.80	cps
Scandium	45-2	39770	39369	38840	39326	1.19	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	7	15	11	11	33.30	cps
Selenium	82-1	445	227	281	318	35.69	cps
Silicon	28-1	21007703	20976084	20947655	20977147	0.14	cps
Silver	109-1	5676	5518	5126	5440	5.21	cps
Silver	107-1	6910	5935	5985	6277	8.75	cps
Sodium	23-2	2745597	2721040	2697802	2721480	0.88	cps
Strontium	86-1	1682277	1692626	1721292	1698732	1.19	cps
Strontium	88-1	14228731	14148819	14385586	14254378	0.85	cps
Sulfur	34-1	2871502	2890444	2870131	2877359	0.39	cps
Terbium	159-1	6092511	6197962	6234403	6174959	1.19	cps
Terbium	159-2	1862819	1859650	1841885	1854784	0.61	cps
Thallium	203-1	417	550	300	422	29.63	cps
Thallium	205-1	1092	958	808	953	14.88	cps
Tin	118-1	22044	22904	23154	22701	2.56	cps
Titanium	47-1	1108	1375	1250	1245	10.72	cps
Uranium	238-1	52270	53575	56069	53971	3.58	cps
Vanadium	51-2	693	623	680	666	5.58	cps
Yttrium	89-1	6261842	6236476	6364753	6287690	1.08	cps
Yttrium	89-2	258646	254030	258400	257025	1.01	cps
Zinc	66-2	1900	1894	1747	1847	4.69	cps
Zirconium	90-1	4659	4626	4218	4501	5.47	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01	Instrumnet Name :	P8
Client Sample ID :	VE-4-11	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:54:32	DataFile Name :	042SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1000	942	1033	992	4.68	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01DUP	Instrumnet Name :	P8
Client Sample ID :	VE-4-11DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:57:39	DataFile Name :	043SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	150	92	128	24.69	cps
Antimony	121-1	14141	15218	14892	14750	3.74	cps
Arsenic	75-2	257	202	176	212	19.66	cps
Barium	135-1	135614	140665	137762	138014	1.84	cps
Barium	137-1	238251	238482	237668	238134	0.18	cps
Beryllium	9-1	211	200	222	211	5.26	cps
Bismuth	209-1	3506582	3433247	3521352	3487060	1.35	cps
Bismuth	209-2	1398576	1407700	1416614	1407630	0.64	cps
Boron	10-1	12923	12231	12731	12628	2.83	cps
Boron	11-1	53592	56001	54763	54786	2.20	cps
Cadmium	111-1	1112	985	1159	1085	8.30	cps
Cadmium	106-1	1292	1092	1317	1233	10.00	cps
Cadmium	108-1	25	54	13	31	69.98	cps
Calcium	43-1	5327656	5358250	5346867	5344258	0.29	cps
Calcium	44-1	86240806	87109881	86847996	86732894	0.51	cps
Chromium	52-2	1857	1767	1760	1795	3.01	cps
Cobalt	59-2	1730	1713	1760	1735	1.36	cps
Copper	63-2	13213	13403	13610	13409	1.48	cps
Dysprosium	156-1	175	208	283	222	24.97	cps
Dysprosium	156-2	37	63	67	56	29.59	cps
Erbium	164-1	250	192	242	228	13.85	cps
Erbium	164-2	47	80	83	70	28.96	cps
Gadolinium	160-1	242	267	317	275	13.89	cps
Gadolinium	160-2	70	100	97	89	18.50	cps
Holmium	165-1	6008645	6093687	6034763	6045698	0.72	cps
Holmium	165-2	1871561	1871173	1872220	1871651	0.03	cps
Indium	115-1	5672759	5740048	5703955	5705587	0.59	cps
Indium	115-2	332374	331294	333942	332537	0.40	cps
Iron	56-2	706402	705315	708221	706646	0.21	cps
Iron	57-2	17623	18196	17728	17849	1.71	cps
Lead	206-1	2139	1961	2245	2115	6.77	cps
Lead	207-1	2100	1895	1872	1956	6.42	cps
Lead	208-1	8557	8318	8713	8529	2.33	cps
Lithium	6-1	1465857	1484959	1493053	1481290	0.94	cps
Magnesium	24-2	2163283	2181749	2164570	2169867	0.48	cps
Manganese	55-2	8213	8339	8473	8342	1.56	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01DUP	Instrumnet Name :	P8
Client Sample ID :	VE-4-11DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:57:39	DataFile Name :	043SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3367	3176	3059	3201	4.87	cps
Molybdenum	95-1	2750	2492	2684	2642	5.08	cps
Molybdenum	96-1	3551	3417	3759	3576	4.82	cps
Molybdenum	97-1	1942	1867	1750	1853	5.21	cps
Molybdenum	98-1	4559	4634	4651	4615	1.06	cps
Neodymium	150-1	320	273	320	304	8.85	cps
Neodymium	150-2	80	77	87	81	6.28	cps
Nickel	60-2	1140	1203	1250	1198	4.61	cps
Phosphorus	31-2	42	17	25	28	45.82	cps
Potassium	39-2	34117	33524	34034	33892	0.95	cps
Rhodium	103-1	5340914	5352104	5375034	5356017	0.32	cps
Rhodium	103-2	1809773	1802385	1792284	1801480	0.49	cps
Scandium	45-1	3881152	3865378	3886170	3877567	0.28	cps
Scandium	45-2	37988	38820	37804	38204	1.42	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	15	6	6	9	61.79	cps
Selenium	82-1	208	243	251	234	9.75	cps
Silicon	28-1	20801753	21083821	20717083	20867552	0.92	cps
Silver	109-1	3242	3175	3217	3212	1.05	cps
Silver	107-1	3317	3517	3776	3537	6.50	cps
Sodium	23-2	2758960	2751212	2758938	2756370	0.16	cps
Strontium	86-1	1730791	1726745	1723884	1727140	0.20	cps
Strontium	88-1	14398256	14547120	14557970	14501115	0.62	cps
Sulfur	34-1	2861498	2858340	2862563	2860800	0.08	cps
Terbium	159-1	6332513	6360658	6402180	6365117	0.55	cps
Terbium	159-2	1829107	1830282	1838993	1832794	0.29	cps
Thallium	203-1	167	175	117	153	20.65	cps
Thallium	205-1	483	508	392	461	13.32	cps
Tin	118-1	19674	19473	19724	19624	0.68	cps
Titanium	47-1	1025	1358	1442	1275	17.29	cps
Uranium	238-1	58589	57702	59493	58595	1.53	cps
Vanadium	51-2	663	637	733	678	7.37	cps
Yttrium	89-1	6223567	6212860	6289349	6241925	0.66	cps
Yttrium	89-2	249488	251701	251606	250932	0.50	cps
Zinc	66-2	2274	2537	2577	2462	6.69	cps
Zirconium	90-1	4535	4751	4343	4543	4.50	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01DUP	Instrumnet Name :	P8
Client Sample ID :	VE-4-11DUP	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 15:57:39	DataFile Name :	043SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	900	900	1050	950	9.12	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01LX5	Instrumnet Name :	P8
Client Sample ID :	VE-4-11L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 16:00:45	DataFile Name :	044SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	58	42	40.00	cps
Antimony	121-1	2950	2692	2909	2850	4.87	cps
Arsenic	75-2	33	46	44	41	16.96	cps
Barium	135-1	28047	27179	27446	27557	1.61	cps
Barium	137-1	48030	46190	46283	46834	2.21	cps
Beryllium	9-1	233	83	150	156	48.31	cps
Bismuth	209-1	3438106	3522987	3547130	3502741	1.63	cps
Bismuth	209-2	1537136	1539466	1558964	1545189	0.78	cps
Boron	10-1	3651	3576	3626	3617	1.06	cps
Boron	11-1	15934	15542	15984	15820	1.53	cps
Cadmium	111-1	914	972	1043	976	6.59	cps
Cadmium	106-1	1267	1325	1408	1333	5.34	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	1112495	1097588	1087900	1099327	1.13	cps
Calcium	44-1	18117522	18022714	17687218	17942485	1.26	cps
Chromium	52-2	1180	1040	1227	1149	8.46	cps
Cobalt	59-2	437	443	427	436	1.93	cps
Copper	63-2	3160	3090	3187	3146	1.59	cps
Dysprosium	156-1	58	42	33	44	28.65	cps
Dysprosium	156-2	10	13	17	13	25.01	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	13	20	30	21	39.75	cps
Gadolinium	160-1	125	92	83	100	22.05	cps
Gadolinium	160-2	13	13	23	17	34.65	cps
Holmium	165-1	6087288	6165676	6243160	6165375	1.26	cps
Holmium	165-2	2058378	2079515	2075457	2071117	0.54	cps
Indium	115-1	5869395	5970541	6075961	5971966	1.73	cps
Indium	115-2	378748	375379	379921	378016	0.62	cps
Iron	56-2	150715	150677	152666	151353	0.75	cps
Iron	57-2	3990	3845	3728	3854	3.39	cps
Lead	206-1	678	683	683	682	0.47	cps
Lead	207-1	567	539	578	561	3.57	cps
Lead	208-1	2678	2672	2728	2693	1.14	cps
Lithium	6-1	1258998	1302533	1295020	1285517	1.81	cps
Magnesium	24-2	450851	448994	446575	448807	0.48	cps
Manganese	55-2	1917	1994	1883	1931	2.92	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01LX5	Instrumnet Name :	P8
Client Sample ID :	VE-4-11L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 16:00:45	DataFile Name :	044SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	725	650	775	717	8.78	cps
Molybdenum	95-1	542	533	692	589	15.13	cps
Molybdenum	96-1	775	717	733	742	4.05	cps
Molybdenum	97-1	550	400	358	436	23.12	cps
Molybdenum	98-1	992	867	883	914	7.43	cps
Neodymium	150-1	73	53	73	67	17.32	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	363	350	417	377	9.37	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	10137	10329	10204	10224	0.95	cps
Rhodium	103-1	5657450	5843445	5811068	5770655	1.72	cps
Rhodium	103-2	2041900	2010586	2013210	2021899	0.86	cps
Scandium	45-1	4094565	4196153	4187905	4159541	1.36	cps
Scandium	45-2	42828	43598	43648	43358	1.06	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	9	4	5	78.12	cps
Selenium	82-1	-131	44	-44	-44	-199.26	cps
Silicon	28-1	4720511	4693312	4673777	4695866	0.50	cps
Silver	109-1	1550	1375	1625	1517	8.46	cps
Silver	107-1	1408	1600	1584	1531	6.94	cps
Sodium	23-2	566660	562570	566521	565250	0.41	cps
Strontium	86-1	343026	340477	338155	340553	0.72	cps
Strontium	88-1	2982468	2961610	2917955	2954011	1.11	cps
Sulfur	34-1	944514	929310	921168	931664	1.27	cps
Terbium	159-1	6296269	6586626	6467261	6450052	2.26	cps
Terbium	159-2	2024388	2022759	2040047	2029065	0.47	cps
Thallium	203-1	117	83	117	106	18.23	cps
Thallium	205-1	300	225	242	256	15.41	cps
Tin	118-1	2434	2317	2325	2359	2.76	cps
Titanium	47-1	408	300	275	328	21.62	cps
Uranium	238-1	11781	10797	10964	11181	4.71	cps
Vanadium	51-2	147	143	180	157	12.94	cps
Yttrium	89-1	6452928	6667895	6668032	6596285	1.88	cps
Yttrium	89-2	286138	283759	285750	285215	0.45	cps
Zinc	66-2	487	443	583	504	14.21	cps
Zirconium	90-1	1417	1133	1150	1233	12.90	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01LX5	Instrumnet Name :	P8
Client Sample ID :	VE-4-11L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 16:00:45	DataFile Name :	044SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	350	175	217	247	36.98	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-02	Instrumnet Name :	P8
Client Sample ID :	VE-4-11MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:03:52	DataFile Name :	045SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58706	58697	56589	57997	2.10	cps
Antimony	121-1	3544878	3656291	3687235	3629468	2.06	cps
Arsenic	75-2	57844	57777	57711	57777	0.12	cps
Barium	135-1	3595176	3714156	3728942	3679425	1.99	cps
Barium	137-1	6096233	6313258	6328134	6245875	2.08	cps
Beryllium	9-1	593291	604923	604646	600953	1.10	cps
Bismuth	209-1	3383684	3477424	3496934	3452681	1.75	cps
Bismuth	209-2	1360493	1310895	1347114	1339501	1.92	cps
Boron	10-1	77518	77576	78675	77923	0.84	cps
Boron	11-1	343865	356480	360680	353675	2.47	cps
Cadmium	111-1	760504	790179	788595	779759	2.14	cps
Cadmium	106-1	79970	82058	84162	82063	2.55	cps
Cadmium	108-1	53715	56050	56242	55336	2.54	cps
Calcium	43-1	5902789	6010848	6017338	5976992	1.08	cps
Calcium	44-1	96768369	98906229	98887300	98187299	1.25	cps
Chromium	52-2	479994	483746	485342	483027	0.57	cps
Cobalt	59-2	985580	987638	991845	988354	0.32	cps
Copper	63-2	1683525	1680241	1686058	1683275	0.17	cps
Dysprosium	156-1	292	342	408	347	16.86	cps
Dysprosium	156-2	77	77	97	83	13.86	cps
Erbium	164-1	2675	3025	2934	2878	6.31	cps
Erbium	164-2	880	777	880	846	7.06	cps
Gadolinium	160-1	400	350	483	411	16.38	cps
Gadolinium	160-2	190	127	157	158	20.08	cps
Holmium	165-1	6021765	6136202	6239738	6132568	1.78	cps
Holmium	165-2	1830515	1769864	1844661	1815013	2.19	cps
Indium	115-1	5434813	5576441	5639882	5550379	1.89	cps
Indium	115-2	314210	300359	308737	307769	2.27	cps
Iron	56-2	15463997	15321862	15488834	15424898	0.58	cps
Iron	57-2	386963	390655	392052	389890	0.67	cps
Lead	206-1	1781233	1819679	1848313	1816409	1.85	cps
Lead	207-1	1546703	1605182	1626859	1592915	2.60	cps
Lead	208-1	7119502	7351938	7440334	7303925	2.27	cps
Lithium	6-1	1404686	1430836	1427050	1420857	0.99	cps
Magnesium	24-2	3649029	3651434	3639699	3646721	0.17	cps
Manganese	55-2	254055	255441	253838	254445	0.34	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-02	Instrumnet Name :	P8
Client Sample ID :	VE-4-11MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:03:52	DataFile Name :	045SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2921207	3039221	3035892	2998773	2.24	cps
Molybdenum	95-1	1569738	1621899	1603695	1598444	1.66	cps
Molybdenum	96-1	2041118	2091287	2107257	2079888	1.66	cps
Molybdenum	97-1	944994	969926	971282	962068	1.54	cps
Molybdenum	98-1	2467015	2485070	2529315	2493800	1.29	cps
Neodymium	150-1	407	427	347	393	10.59	cps
Neodymium	150-2	57	77	67	67	15.00	cps
Nickel	60-2	289099	289603	291847	290183	0.50	cps
Phosphorus	31-2	25	17	17	19	24.73	cps
Potassium	39-2	496506	501504	498985	498998	0.50	cps
Rhodium	103-1	5162455	5296123	5314994	5257857	1.58	cps
Rhodium	103-2	1725201	1658466	1741489	1708385	2.58	cps
Scandium	45-1	3772691	3836864	3862318	3823958	1.21	cps
Scandium	45-2	36581	35702	37072	36452	1.90	cps
Selenium	77-2	397	383	380	387	2.28	cps
Selenium	78-2	1309	1459	1219	1329	9.15	cps
Selenium	82-1	52238	52414	53766	52806	1.58	cps
Silicon	28-1	20871854	21544898	21430855	21282536	1.69	cps
Silver	109-1	3556162	3716990	3664571	3645908	2.25	cps
Silver	107-1	3764805	3897417	3886208	3849476	1.91	cps
Sodium	23-2	6556242	6616068	6572089	6581466	0.47	cps
Strontium	86-1	1648368	1692487	1677619	1672825	1.34	cps
Strontium	88-1	13698793	14068225	14119989	13962336	1.65	cps
Sulfur	34-1	2681364	2728581	2762573	2724172	1.50	cps
Terbium	159-1	6223704	6413033	6391855	6342864	1.64	cps
Terbium	159-2	1808068	1709432	1775678	1764393	2.85	cps
Thallium	203-1	2290902	2390731	2374926	2352187	2.28	cps
Thallium	205-1	5331242	5557528	5507454	5465408	2.17	cps
Tin	118-1	2339060	2422338	2445262	2402220	2.33	cps
Titanium	47-1	444461	455758	456147	452122	1.47	cps
Uranium	238-1	6533158	6626551	6617497	6592402	0.78	cps
Vanadium	51-2	350428	350623	348442	349831	0.35	cps
Yttrium	89-1	6029703	6211941	6253774	6165139	1.93	cps
Yttrium	89-2	240207	233149	239237	237531	1.61	cps
Zinc	66-2	143139	143449	143234	143274	0.11	cps
Zirconium	90-1	5550395	5778217	5773790	5700801	2.29	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-02	Instrumnet Name :	P8
Client Sample ID :	VE-4-11MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:03:52	DataFile Name :	045SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1238985	1273194	1268980	1260386	1.48	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-03	Instrumnet Name :	P8
Client Sample ID :	VE-4-11MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:06:53	DataFile Name :	046SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60279	60472	58923	59891	1.41	cps
Antimony	121-1	3782391	3837799	3845591	3821927	0.90	cps
Arsenic	75-2	59368	60238	60206	59937	0.82	cps
Barium	135-1	3780845	3852550	3889796	3841064	1.44	cps
Barium	137-1	6413012	6557671	6643137	6537940	1.78	cps
Beryllium	9-1	606470	622585	616448	615168	1.32	cps
Bismuth	209-1	3360878	3428781	3531501	3440387	2.50	cps
Bismuth	209-2	1354533	1363255	1359566	1359118	0.32	cps
Boron	10-1	79771	82395	82194	81453	1.79	cps
Boron	11-1	353998	371802	373015	366272	2.91	cps
Cadmium	111-1	792254	821351	823269	812291	2.14	cps
Cadmium	106-1	81018	84507	84389	83305	2.38	cps
Cadmium	108-1	56041	57907	56865	56938	1.64	cps
Calcium	43-1	5938402	6113299	6173890	6075197	2.01	cps
Calcium	44-1	96967673	100742021	100393665	99367786	2.10	cps
Chromium	52-2	492302	498944	492244	494497	0.78	cps
Cobalt	59-2	1022400	1026411	1027891	1025567	0.28	cps
Copper	63-2	1760057	1756343	1737642	1751347	0.69	cps
Dysprosium	156-1	350	308	292	317	9.49	cps
Dysprosium	156-2	53	67	70	63	13.93	cps
Erbium	164-1	3059	3284	3176	3173	3.55	cps
Erbium	164-2	833	867	780	827	5.29	cps
Gadolinium	160-1	550	558	658	589	10.24	cps
Gadolinium	160-2	173	137	157	156	11.80	cps
Holmium	165-1	6117988	5952106	6200945	6090347	2.08	cps
Holmium	165-2	1808618	1817015	1823284	1816306	0.41	cps
Indium	115-1	5489543	5384997	5668002	5514181	2.60	cps
Indium	115-2	309580	310796	311431	310602	0.30	cps
Iron	56-2	15750653	15884781	15856399	15830611	0.45	cps
Iron	57-2	394881	400451	402816	399383	1.02	cps
Lead	206-1	1884044	1920863	1945332	1916746	1.61	cps
Lead	207-1	1648493	1697047	1730522	1692021	2.44	cps
Lead	208-1	7540679	7766278	7838811	7715256	2.02	cps
Lithium	6-1	1382546	1364951	1416877	1388125	1.90	cps
Magnesium	24-2	3677919	3680998	3680417	3679778	0.04	cps
Manganese	55-2	260280	261163	261737	261060	0.28	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-03	Instrumnet Name :	P8
Client Sample ID :	VE-4-11MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:06:53	DataFile Name :	046SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3043564	3127780	3068590	3079978	1.40	cps
Molybdenum	95-1	1638282	1677393	1659862	1658512	1.18	cps
Molybdenum	96-1	2088985	2181227	2169106	2146440	2.34	cps
Molybdenum	97-1	980457	1010410	999563	996810	1.52	cps
Molybdenum	98-1	2543489	2662605	2645996	2617364	2.46	cps
Neodymium	150-1	387	393	413	398	3.49	cps
Neodymium	150-2	20	57	60	46	48.72	cps
Nickel	60-2	300619	301659	304067	302115	0.59	cps
Phosphorus	31-2	33	17	25	25	33.34	cps
Potassium	39-2	510303	508505	513012	510607	0.44	cps
Rhodium	103-1	5134761	5081821	5386483	5201022	3.13	cps
Rhodium	103-2	1732773	1759534	1739856	1744054	0.80	cps
Scandium	45-1	3735904	3676791	3831931	3748209	2.09	cps
Scandium	45-2	36344	36247	36865	36485	0.91	cps
Selenium	77-2	467	390	420	426	9.08	cps
Selenium	78-2	1309	1382	1452	1381	5.16	cps
Selenium	82-1	53585	55560	55582	54909	2.09	cps
Silicon	28-1	21098348	21901445	21613906	21537900	1.89	cps
Silver	109-1	3735614	3857487	3816318	3803140	1.63	cps
Silver	107-1	3901874	4061666	3980475	3981338	2.01	cps
Sodium	23-2	6716136	6625105	6690982	6677408	0.70	cps
Strontium	86-1	1658459	1726547	1701609	1695538	2.03	cps
Strontium	88-1	13933058	14480462	14323408	14245643	1.98	cps
Sulfur	34-1	2680286	2734673	2748769	2721243	1.33	cps
Terbium	159-1	6358782	6348698	6570122	6425867	1.95	cps
Terbium	159-2	1753608	1771230	1771593	1765477	0.58	cps
Thallium	203-1	2432412	2536004	2520576	2496331	2.24	cps
Thallium	205-1	5604208	5824970	5775191	5734790	2.02	cps
Tin	118-1	2452752	2528625	2581154	2520844	2.56	cps
Titanium	47-1	455266	478181	470966	468138	2.50	cps
Uranium	238-1	6705285	7095537	7034821	6945214	3.02	cps
Vanadium	51-2	359034	360062	358558	359218	0.21	cps
Yttrium	89-1	5968547	5919399	6239888	6042611	2.86	cps
Yttrium	89-2	238917	238088	239383	238796	0.27	cps
Zinc	66-2	146581	148390	147350	147440	0.62	cps
Zirconium	90-1	5755452	5991203	5922345	5889666	2.06	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-03	Instrumnet Name :	P8
Client Sample ID :	VE-4-11MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:06:53	DataFile Name :	046SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1275909	1323765	1312757	1304144	1.92	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01A	Instrumnet Name :	P8
Client Sample ID :	VE-4-11A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:09:54	DataFile Name :	047SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59116	59368	60463	59649	1.20	cps
Antimony	121-1	3788123	3913615	3923883	3875207	1.95	cps
Arsenic	75-2	60186	59550	60682	60139	0.94	cps
Barium	135-1	3821869	3906874	3907832	3878858	1.27	cps
Barium	137-1	6510817	6668565	6727137	6635506	1.69	cps
Beryllium	9-1	608168	619203	620713	616028	1.11	cps
Bismuth	209-1	3476529	3524360	3580371	3527087	1.47	cps
Bismuth	209-2	1360264	1364703	1353228	1359398	0.43	cps
Boron	10-1	79059	83502	81532	81364	2.74	cps
Boron	11-1	359043	376992	379051	371695	2.96	cps
Cadmium	111-1	803444	829332	839039	823938	2.23	cps
Cadmium	106-1	82939	86109	89219	86089	3.65	cps
Cadmium	108-1	56451	57652	58878	57660	2.10	cps
Calcium	43-1	6153519	6227671	6401063	6260751	2.03	cps
Calcium	44-1	101644231	103304159	104168779	103039056	1.25	cps
Chromium	52-2	497476	498037	502669	499394	0.57	cps
Cobalt	59-2	1026762	1026442	1031102	1028102	0.25	cps
Copper	63-2	1740484	1754488	1759746	1751573	0.57	cps
Dysprosium	156-1	325	325	383	344	9.78	cps
Dysprosium	156-2	77	97	83	86	11.90	cps
Erbium	164-1	2825	3034	3159	3006	5.60	cps
Erbium	164-2	830	847	883	853	3.20	cps
Gadolinium	160-1	583	508	508	533	8.12	cps
Gadolinium	160-2	137	153	133	141	7.59	cps
Holmium	165-1	6070044	6260260	6327266	6219190	2.15	cps
Holmium	165-2	1798586	1819397	1799699	1805894	0.65	cps
Indium	115-1	5432730	5608835	5630801	5557455	1.95	cps
Indium	115-2	308893	306632	307565	307697	0.37	cps
Iron	56-2	15971859	15924024	15901007	15932296	0.23	cps
Iron	57-2	402702	399495	402722	401640	0.46	cps
Lead	206-1	1904958	1980429	1992317	1959235	2.42	cps
Lead	207-1	1674389	1737392	1761260	1724347	2.60	cps
Lead	208-1	7679529	7916781	7988144	7861485	2.06	cps
Lithium	6-1	1363482	1396960	1428494	1396312	2.33	cps
Magnesium	24-2	3785312	3764317	3791873	3780501	0.38	cps
Manganese	55-2	262182	260832	264620	262545	0.73	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01A	Instrumnet Name :	P8
Client Sample ID :	VE-4-11A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:09:54	DataFile Name :	047SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3075587	3151966	3174193	3133915	1.65	cps
Molybdenum	95-1	1664664	1686750	1698650	1683355	1.02	cps
Molybdenum	96-1	2124304	2184316	2195482	2168034	1.77	cps
Molybdenum	97-1	985426	1021082	1027230	1011246	2.23	cps
Molybdenum	98-1	2586004	2640278	2666936	2631072	1.57	cps
Neodymium	150-1	493	500	407	467	11.16	cps
Neodymium	150-2	60	47	37	48	24.50	cps
Nickel	60-2	301348	304335	304591	303425	0.59	cps
Phosphorus	31-2	33	0	17	17	100.00	cps
Potassium	39-2	505838	508081	512465	508795	0.66	cps
Rhodium	103-1	5184192	5310281	5425741	5306738	2.28	cps
Rhodium	103-2	1724482	1730624	1723421	1726176	0.23	cps
Scandium	45-1	3718969	3815301	3785990	3773420	1.31	cps
Scandium	45-2	36056	36655	37206	36639	1.57	cps
Selenium	77-2	367	480	403	417	13.88	cps
Selenium	78-2	1465	1337	1463	1422	5.15	cps
Selenium	82-1	53869	55639	55891	55133	2.00	cps
Silicon	28-1	21908765	22370491	22573269	22284175	1.53	cps
Silver	109-1	3772356	3867686	3933547	3857863	2.10	cps
Silver	107-1	3975505	4042548	4111907	4043320	1.69	cps
Sodium	23-2	6833413	6850221	6780448	6821361	0.53	cps
Strontium	86-1	1720658	1775754	1755393	1750602	1.59	cps
Strontium	88-1	14618763	15072340	15066426	14919177	1.74	cps
Sulfur	34-1	2750046	2820722	2822809	2797859	1.48	cps
Terbium	159-1	6368746	6482470	6674124	6508447	2.37	cps
Terbium	159-2	1778989	1780838	1766309	1775378	0.45	cps
Thallium	203-1	2470311	2560272	2574497	2535027	2.23	cps
Thallium	205-1	5774257	5954610	5953829	5894232	1.76	cps
Tin	118-1	2428750	2553249	2575661	2519220	3.14	cps
Titanium	47-1	462225	473128	475166	470173	1.48	cps
Uranium	238-1	6912960	7184363	7281401	7126242	2.68	cps
Vanadium	51-2	363062	360612	363041	362238	0.39	cps
Yttrium	89-1	6069757	6231097	6267582	6189479	1.70	cps
Yttrium	89-2	240324	236170	239092	238528	0.89	cps
Zinc	66-2	148569	146289	148973	147943	0.98	cps
Zirconium	90-1	5841436	5979343	6070117	5963632	1.93	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-01A	Instrumnet Name :	P8
Client Sample ID :	VE-4-11A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:09:54	DataFile Name :	047SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1290709	1318159	1331268	1313379	1.58	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4631-04 Instrumnet Name : P8
 Client Sample ID : VE-1-2 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 16:12:52 DataFile Name : 048SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	58	117	97	34.64	cps
Antimony	121-1	19599	19657	20066	19774	1.29	cps
Arsenic	75-2	172	172	206	183	10.50	cps
Barium	135-1	93445	92749	96643	94279	2.20	cps
Barium	137-1	160318	164189	167526	164011	2.20	cps
Beryllium	9-1	272	361	361	331	15.48	cps
Bismuth	209-1	3597099	3729430	3705406	3677312	1.92	cps
Bismuth	209-2	1362549	1394523	1403080	1386717	1.54	cps
Boron	10-1	17478	17803	17970	17751	1.41	cps
Boron	11-1	79143	81640	81188	80657	1.65	cps
Cadmium	111-1	931	1071	1147	1050	10.43	cps
Cadmium	106-1	1008	1167	1383	1186	15.87	cps
Cadmium	108-1	29	42	13	28	52.68	cps
Calcium	43-1	3357336	3391587	3418129	3389017	0.90	cps
Calcium	44-1	53869928	55385674	55714335	54989979	1.79	cps
Chromium	52-2	1710	1673	1587	1657	3.82	cps
Cobalt	59-2	1117	1270	1220	1202	6.50	cps
Copper	63-2	7222	7525	7632	7460	2.85	cps
Dysprosium	156-1	25	42	33	33	25.01	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	50	50	75	58	24.75	cps
Gadolinium	160-2	30	3	3	12	126.01	cps
Holmium	165-1	6319808	6449194	6542496	6437166	1.74	cps
Holmium	165-2	1816262	1830482	1851742	1832829	0.97	cps
Indium	115-1	5689851	5772439	5877128	5779806	1.62	cps
Indium	115-2	305723	315254	319137	313371	2.20	cps
Iron	56-2	8201613	8105340	8170818	8159257	0.60	cps
Iron	57-2	205261	205103	205103	205156	0.04	cps
Lead	206-1	7052	7141	7464	7219	3.00	cps
Lead	207-1	5868	6113	6157	6046	2.57	cps
Lead	208-1	27068	27924	28252	27748	2.20	cps
Lithium	6-1	1380224	1357343	1425704	1387757	2.51	cps
Magnesium	24-2	936595	926510	931436	931514	0.54	cps
Manganese	55-2	145777	145367	147509	146218	0.78	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-04	Instrumnet Name :	P8
Client Sample ID :	VE-1-2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:12:52	DataFile Name :	048SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1400	1417	1692	1503	10.91	cps
Molybdenum	95-1	1075	950	808	945	14.13	cps
Molybdenum	96-1	1542	1425	1267	1411	9.78	cps
Molybdenum	97-1	633	600	800	678	15.81	cps
Molybdenum	98-1	1800	1950	1850	1867	4.09	cps
Neodymium	150-1	33	47	47	42	18.24	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2640	2547	2704	2630	3.00	cps
Phosphorus	31-2	567	408	525	500	16.42	cps
Potassium	39-2	113782	111213	113295	112763	1.21	cps
Rhodium	103-1	5350162	5571408	5589875	5503815	2.42	cps
Rhodium	103-2	1735794	1784720	1783283	1767932	1.57	cps
Scandium	45-1	3809528	3899291	3914133	3874317	1.46	cps
Scandium	45-2	34593	35989	36153	35579	2.41	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	6	7	6	6	17.29	cps
Selenium	82-1	37	140	-4	58	127.95	cps
Silicon	28-1	44278493	44924506	45595875	44932958	1.47	cps
Silver	109-1	2384	2434	2159	2325	6.30	cps
Silver	107-1	2325	2792	2734	2617	9.72	cps
Sodium	23-2	4538893	4552045	4563806	4551582	0.27	cps
Strontium	86-1	2133915	2221452	2201692	2185686	2.10	cps
Strontium	88-1	18025286	18391119	18570296	18328901	1.52	cps
Sulfur	34-1	331976	333032	330499	331836	0.38	cps
Terbium	159-1	6499807	6770478	6800237	6690174	2.47	cps
Terbium	159-2	1717864	1805539	1810081	1777828	2.92	cps
Thallium	203-1	408	300	300	336	18.61	cps
Thallium	205-1	833	775	658	756	11.79	cps
Tin	118-1	16795	16978	17420	17064	1.88	cps
Titanium	47-1	1358	1675	1583	1539	10.59	cps
Uranium	238-1	992	1067	1108	1056	5.60	cps
Vanadium	51-2	263	303	340	302	12.69	cps
Yttrium	89-1	6131002	6283932	6381416	6265450	2.01	cps
Yttrium	89-2	230084	238066	240470	236207	2.30	cps
Zinc	66-2	2344	2490	2260	2365	4.93	cps
Zirconium	90-1	2242	2242	2400	2295	3.98	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-04	Instrumnet Name :	P8
Client Sample ID :	VE-1-2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:12:52	DataFile Name :	048SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	583	558	525	556	5.27	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4631-05 Instrumnet Name : P8
 Client Sample ID : VE-1-4 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 16:15:59 DataFile Name : 049SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	308	217	286	21.47	cps
Antimony	121-1	14917	15360	15459	15245	1.89	cps
Arsenic	75-2	141	159	130	143	10.45	cps
Barium	135-1	256798	264539	259092	260143	1.53	cps
Barium	137-1	447170	456122	455015	452769	1.08	cps
Beryllium	9-1	211	239	278	243	13.80	cps
Bismuth	209-1	3591702	3737680	3726027	3685136	2.20	cps
Bismuth	209-2	1382152	1381502	1382685	1382113	0.04	cps
Boron	10-1	12005	12715	12064	12261	3.21	cps
Boron	11-1	53250	55082	53484	53938	1.85	cps
Cadmium	111-1	837	941	1020	933	9.82	cps
Cadmium	106-1	958	1075	1208	1081	11.58	cps
Cadmium	108-1	13	17	38	22	60.27	cps
Calcium	43-1	3269286	3398094	3342631	3336671	1.94	cps
Calcium	44-1	53371922	54690093	53950172	54004062	1.22	cps
Chromium	52-2	2367	2334	2374	2358	0.91	cps
Cobalt	59-2	413	350	373	379	8.45	cps
Copper	63-2	78634	78212	78514	78453	0.28	cps
Dysprosium	156-1	150	158	108	139	19.29	cps
Dysprosium	156-2	30	40	37	36	14.32	cps
Erbium	164-1	133	233	233	200	28.87	cps
Erbium	164-2	57	33	53	48	26.42	cps
Gadolinium	160-1	142	233	133	169	32.75	cps
Gadolinium	160-2	67	40	90	66	38.16	cps
Holmium	165-1	6390548	6468378	6517214	6458713	0.99	cps
Holmium	165-2	1849191	1840295	1854826	1848104	0.40	cps
Indium	115-1	5644293	5875744	5795750	5771929	2.04	cps
Indium	115-2	314374	315755	312985	314372	0.44	cps
Iron	56-2	8245971	8248663	8251546	8248727	0.03	cps
Iron	57-2	207369	207292	207567	207409	0.07	cps
Lead	206-1	63257	65541	64620	64473	1.78	cps
Lead	207-1	52604	54668	54584	53952	2.17	cps
Lead	208-1	245170	254917	252739	250942	2.04	cps
Lithium	6-1	1351026	1390877	1372846	1371583	1.45	cps
Magnesium	24-2	853512	853008	856194	854238	0.20	cps
Manganese	55-2	76679	76773	77463	76972	0.56	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-05	Instrumnet Name :	P8
Client Sample ID :	VE-1-4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:15:59	DataFile Name :	049SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2267	2242	2000	2170	6.79	cps
Molybdenum	95-1	1517	1292	1659	1489	12.42	cps
Molybdenum	96-1	2167	2092	1950	2070	5.32	cps
Molybdenum	97-1	958	900	1175	1011	14.33	cps
Molybdenum	98-1	2709	2725	2859	2764	2.98	cps
Neodymium	150-1	227	180	220	209	12.08	cps
Neodymium	150-2	17	47	23	29	54.53	cps
Nickel	60-2	1603	1660	1647	1637	1.81	cps
Phosphorus	31-2	200	208	208	206	2.34	cps
Potassium	39-2	114412	116514	116085	115670	0.96	cps
Rhodium	103-1	5424153	5483549	5485802	5464501	0.64	cps
Rhodium	103-2	1768187	1773720	1759977	1767295	0.39	cps
Scandium	45-1	3752450	3893112	3868150	3837904	1.96	cps
Scandium	45-2	36080	35662	35328	35690	1.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-55	-8	-92	-52	-81.59	cps
Silicon	28-1	34175039	34574886	34405713	34385213	0.58	cps
Silver	109-1	2109	2059	1875	2014	6.10	cps
Silver	107-1	2225	2050	2209	2161	4.47	cps
Sodium	23-2	5839580	5795966	5866366	5833971	0.61	cps
Strontium	86-1	1888101	1938304	1892977	1906461	1.45	cps
Strontium	88-1	15735606	16255336	16090084	16027009	1.66	cps
Sulfur	34-1	355547	352317	353618	353827	0.46	cps
Terbium	159-1	6670317	6844930	6783843	6766364	1.31	cps
Terbium	159-2	1782633	1800766	1783054	1788818	0.58	cps
Thallium	203-1	167	200	233	200	16.67	cps
Thallium	205-1	558	567	483	536	8.56	cps
Tin	118-1	18814	20124	19949	19629	3.62	cps
Titanium	47-1	3176	3384	2950	3170	6.84	cps
Uranium	238-1	1150	1258	1208	1206	4.50	cps
Vanadium	51-2	580	657	540	592	10.01	cps
Yttrium	89-1	6187416	6327213	6333823	6282817	1.32	cps
Yttrium	89-2	238765	238630	237040	238145	0.40	cps
Zinc	66-2	5451	5425	5461	5446	0.35	cps
Zirconium	90-1	2934	3701	3459	3365	11.66	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-05	Instrumnet Name :	P8
Client Sample ID :	VE-1-4	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:15:59	DataFile Name :	049SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	858	908	642	803	17.66	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:19:06	DataFile Name :	050CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	372206	371598	371062	371622	0.15	cps
Antimony	121-1	3894445	3936136	3967101	3932561	0.93	cps
Arsenic	75-2	65173	65192	65947	65437	0.67	cps
Barium	135-1	4248576	4362347	4326458	4312460	1.35	cps
Barium	137-1	7311498	7419963	7430023	7387161	0.89	cps
Beryllium	9-1	721159	736690	738660	732170	1.31	cps
Bismuth	209-1	3733394	3755268	3808687	3765783	1.03	cps
Bismuth	209-2	1538602	1527713	1536263	1534193	0.37	cps
Boron	10-1	83518	89335	86989	86614	3.38	cps
Boron	11-1	381291	396727	403832	393950	2.93	cps
Cadmium	111-1	897523	919294	920817	912545	1.43	cps
Cadmium	106-1	94699	97888	96839	96475	1.69	cps
Cadmium	108-1	62838	64650	64813	64100	1.71	cps
Calcium	43-1	5170675	5269856	5339838	5260123	1.62	cps
Calcium	44-1	84255181	86812167	86273725	85780357	1.57	cps
Chromium	52-2	548271	542773	543826	544957	0.54	cps
Cobalt	59-2	1121466	1110668	1116919	1116351	0.49	cps
Copper	63-2	1950953	1932445	1935324	1939574	0.51	cps
Dysprosium	156-1	108	100	75	94	18.37	cps
Dysprosium	156-2	10	23	20	18	39.03	cps
Erbium	164-1	67	33	8	36	81.06	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	117	100	75	97	21.57	cps
Gadolinium	160-2	47	17	37	33	45.82	cps
Holmium	165-1	6620192	6772017	6842467	6744892	1.68	cps
Holmium	165-2	2112859	2091032	2104672	2102854	0.52	cps
Indium	115-1	5966349	6077832	6029476	6024552	0.93	cps
Indium	115-2	353336	349882	350591	351270	0.52	cps
Iron	56-2	86753449	85467541	86124127	86115039	0.75	cps
Iron	57-2	2224217	2188062	2211589	2207956	0.83	cps
Lead	206-1	2112598	2169008	2224023	2168543	2.57	cps
Lead	207-1	1890667	1925830	1973491	1929996	2.15	cps
Lead	208-1	8575353	8718368	8875789	8723170	1.72	cps
Lithium	6-1	1191770	1205940	1207852	1201854	0.73	cps
Magnesium	24-2	9148244	9085920	9084284	9106149	0.40	cps
Manganese	55-2	300972	298702	299146	299607	0.40	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:19:06	DataFile Name :	050CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3549710	3642777	3613534	3602007	1.32	cps
Molybdenum	95-1	1958170	2014390	2011359	1994640	1.59	cps
Molybdenum	96-1	2502401	2559186	2538673	2533420	1.14	cps
Molybdenum	97-1	1168681	1187164	1186399	1180748	0.89	cps
Molybdenum	98-1	3087424	3113564	3133819	3111603	0.75	cps
Neodymium	150-1	127	140	180	149	18.64	cps
Neodymium	150-2	13	20	0	11	91.66	cps
Nickel	60-2	324998	321321	323527	323282	0.57	cps
Phosphorus	31-2	5843	5501	5135	5493	6.45	cps
Potassium	39-2	2866004	2855358	2825407	2848923	0.74	cps
Rhodium	103-1	5757828	5834455	5809127	5800470	0.67	cps
Rhodium	103-2	1893072	1859273	1899454	1883933	1.15	cps
Scandium	45-1	4164197	4252536	4256138	4224291	1.23	cps
Scandium	45-2	41675	40609	40358	40881	1.71	cps
Selenium	77-2	487	457	413	452	8.15	cps
Selenium	78-2	1624	1517	1585	1575	3.45	cps
Selenium	82-1	58681	60549	61074	60102	2.09	cps
Silicon	28-1	2187546	2222437	2234328	2214770	1.10	cps
Silver	109-1	4293381	4437657	4449237	4393425	1.98	cps
Silver	107-1	4538605	4620298	4630655	4596519	1.10	cps
Sodium	23-2	22732553	22573897	22532612	22613021	0.47	cps
Strontium	86-1	1224422	1256348	1272761	1251177	1.96	cps
Strontium	88-1	10478460	10693766	10871045	10681090	1.84	cps
Sulfur	34-1	678854	690231	687994	685693	0.88	cps
Terbium	159-1	7014617	7083813	7122449	7073626	0.77	cps
Terbium	159-2	2041440	2037602	2018525	2032522	0.60	cps
Thallium	203-1	2650041	2705440	2719784	2691755	1.37	cps
Thallium	205-1	6215829	6270694	6308347	6264957	0.74	cps
Tin	118-1	2935253	2969015	2965189	2956486	0.63	cps
Titanium	47-1	557266	572380	560111	563252	1.43	cps
Uranium	238-1	7753329	7856768	8011824	7873974	1.65	cps
Vanadium	51-2	409314	402600	405446	405787	0.83	cps
Yttrium	89-1	6750457	6909577	6922251	6860762	1.40	cps
Yttrium	89-2	273922	267922	272323	271389	1.14	cps
Zinc	66-2	170469	168148	170790	169802	0.85	cps
Zirconium	90-1	6799123	6844605	6917738	6853822	0.87	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:19:06	DataFile Name :	050CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1515241	1565040	1544236	1541506	1.62	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:22:05	DataFile Name :	051CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	33	25	57.74	cps
Antimony	121-1	1784	1809	1667	1753	4.31	cps
Arsenic	75-2	7	7	2	6	57.77	cps
Barium	135-1	17	17	33	22	43.28	cps
Barium	137-1	67	50	67	61	15.75	cps
Beryllium	9-1	222	256	261	246	8.54	cps
Bismuth	209-1	3595750	3814681	3762599	3724343	3.07	cps
Bismuth	209-2	1592477	1552076	1562123	1568892	1.34	cps
Boron	10-1	3342	2817	3034	3064	8.61	cps
Boron	11-1	14992	14166	13857	14338	4.09	cps
Cadmium	111-1	1059	1122	997	1059	5.92	cps
Cadmium	106-1	1333	1467	1300	1367	6.45	cps
Cadmium	108-1	29	13	25	22	39.04	cps
Calcium	43-1	2325	2234	2317	2292	2.21	cps
Calcium	44-1	46395	45567	47197	46386	1.76	cps
Chromium	52-2	1063	1090	1117	1090	2.45	cps
Cobalt	59-2	37	43	33	38	13.48	cps
Copper	63-2	570	533	640	581	9.33	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	17	33	58	36	58.08	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	6057548	6565069	6406344	6342987	4.09	cps
Holmium	165-2	2065470	2048508	2028550	2047509	0.90	cps
Indium	115-1	5802722	6073145	6179934	6018600	3.23	cps
Indium	115-2	369293	363357	363769	365473	0.91	cps
Iron	56-2	3940	3845	3940	3908	1.40	cps
Iron	57-2	100	83	72	85	16.41	cps
Lead	206-1	478	383	428	430	11.00	cps
Lead	207-1	372	339	433	382	12.55	cps
Lead	208-1	1728	1750	1856	1778	3.84	cps
Lithium	6-1	1163950	1207467	1203462	1191627	2.02	cps
Magnesium	24-2	175	150	275	200	33.07	cps
Manganese	55-2	77	130	123	110	26.42	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : CCB84 Instrumnet Name : P8
 Client Sample ID : CCB84 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 16:22:05 DataFile Name : 051CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	492	517	425	478	9.92	cps
Molybdenum	95-1	158	233	250	214	22.83	cps
Molybdenum	96-1	342	292	333	322	8.31	cps
Molybdenum	97-1	175	158	192	175	9.53	cps
Molybdenum	98-1	367	317	350	344	7.39	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	143	127	130	133	6.62	cps
Phosphorus	31-2	8	33	0	14	124.91	cps
Potassium	39-2	3509	3742	3367	3540	5.35	cps
Rhodium	103-1	5659246	6024083	5926726	5870018	3.22	cps
Rhodium	103-2	2026108	1985481	1995848	2002479	1.05	cps
Scandium	45-1	3898494	4178522	4152441	4076486	3.79	cps
Scandium	45-2	41438	40378	40465	40760	1.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	92	6	6	35	143.31	cps
Silicon	28-1	403758	406871	412249	407626	1.05	cps
Silver	109-1	1008	733	900	881	15.73	cps
Silver	107-1	917	733	875	842	11.42	cps
Sodium	23-2	7819	7302	7627	7583	3.45	cps
Strontium	86-1	1400	1183	1225	1270	9.06	cps
Strontium	88-1	483	392	392	422	12.53	cps
Sulfur	34-1	338495	345392	346907	343598	1.31	cps
Terbium	159-1	6399986	6806261	6789133	6665127	3.45	cps
Terbium	159-2	2036397	1988705	1973354	1999485	1.64	cps
Thallium	203-1	342	300	358	333	9.01	cps
Thallium	205-1	850	775	600	742	17.30	cps
Tin	118-1	1100	1167	1133	1133	2.94	cps
Titanium	47-1	142	192	117	150	25.46	cps
Uranium	238-1	75	67	75	72	6.66	cps
Vanadium	51-2	30	37	13	27	45.08	cps
Yttrium	89-1	6290308	6743661	6685047	6573005	3.75	cps
Yttrium	89-2	275967	271611	267666	271748	1.53	cps
Zinc	66-2	180	120	127	142	23.13	cps
Zirconium	90-1	850	900	850	867	3.33	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:22:05	DataFile Name :	051CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	150	192	175	12.60	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-06	Instrumnet Name :	P8
Client Sample ID :	DAY-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:35:24	DataFile Name :	052SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	158	117	158	26.32	cps
Antimony	121-1	17270	15651	14450	15791	8.96	cps
Arsenic	75-2	1250	1339	1285	1291	3.47	cps
Barium	135-1	210550	219306	218300	216052	2.22	cps
Barium	137-1	361927	381386	382457	375257	3.08	cps
Beryllium	9-1	156	178	156	163	7.88	cps
Bismuth	209-1	3573159	3698338	3702648	3658048	2.01	cps
Bismuth	209-2	1433432	1420603	1421802	1425279	0.50	cps
Boron	10-1	9620	9328	9429	9459	1.57	cps
Boron	11-1	38987	41745	41904	40879	4.01	cps
Cadmium	111-1	952	802	843	866	8.95	cps
Cadmium	106-1	1167	1000	1067	1078	7.78	cps
Cadmium	108-1	21	21	17	19	12.35	cps
Calcium	43-1	4362711	4445851	4399804	4402789	0.95	cps
Calcium	44-1	70730870	72313297	72002127	71682098	1.17	cps
Chromium	52-2	1887	1733	1857	1826	4.45	cps
Cobalt	59-2	617	650	700	656	6.40	cps
Copper	63-2	5218	5288	5358	5288	1.32	cps
Dysprosium	156-1	292	250	358	300	18.22	cps
Dysprosium	156-2	113	80	127	107	22.54	cps
Erbium	164-1	300	358	325	328	8.93	cps
Erbium	164-2	100	70	103	91	20.15	cps
Gadolinium	160-1	275	317	383	325	16.81	cps
Gadolinium	160-2	117	117	130	121	6.35	cps
Holmium	165-1	6090934	6358177	6312339	6253817	2.29	cps
Holmium	165-2	1902124	1894480	1877852	1891486	0.66	cps
Indium	115-1	5629928	5800904	5781659	5737497	1.63	cps
Indium	115-2	324435	323902	325832	324723	0.31	cps
Iron	56-2	27724315	27448712	27677112	27616713	0.53	cps
Iron	57-2	694951	686773	696685	692803	0.76	cps
Lead	206-1	2228	2423	2078	2243	7.70	cps
Lead	207-1	1784	1878	1628	1763	7.16	cps
Lead	208-1	8374	8551	7846	8257	4.45	cps
Lithium	6-1	1328442	1366121	1372600	1355721	1.76	cps
Magnesium	24-2	1663166	1638925	1639604	1647232	0.84	cps
Manganese	55-2	1462373	1429272	1450053	1447233	1.16	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-06	Instrumnet Name :	P8
Client Sample ID :	DAY-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:35:24	DataFile Name :	052SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2767	2417	2784	2656	7.80	cps
Molybdenum	95-1	733	758	700	731	4.01	cps
Molybdenum	96-1	1250	1425	1500	1392	9.22	cps
Molybdenum	97-1	467	417	408	431	7.33	cps
Molybdenum	98-1	1192	1325	1475	1331	10.65	cps
Neodymium	150-1	420	413	293	376	18.98	cps
Neodymium	150-2	57	83	107	82	30.43	cps
Nickel	60-2	633	610	650	631	3.18	cps
Phosphorus	31-2	92	142	133	122	21.92	cps
Potassium	39-2	232936	236885	231431	233751	1.21	cps
Rhodium	103-1	5342377	5519092	5447042	5436170	1.63	cps
Rhodium	103-2	1804653	1820648	1818370	1814557	0.48	cps
Scandium	45-1	3824370	3907377	3902410	3878053	1.20	cps
Scandium	45-2	37734	37183	36919	37278	1.12	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-64	-44	2	-36	-94.77	cps
Silicon	28-1	24064452	24652862	24553641	24423652	1.29	cps
Silver	109-1	3101	2892	2709	2900	6.76	cps
Silver	107-1	2934	3134	2617	2895	9.00	cps
Sodium	23-2	2956265	2978294	2964872	2966477	0.37	cps
Strontium	86-1	1135593	1172101	1171036	1159577	1.79	cps
Strontium	88-1	9822227	10165608	10053950	10013928	1.75	cps
Sulfur	34-1	375686	376585	369321	373864	1.06	cps
Terbium	159-1	6459317	6727179	6715218	6633905	2.28	cps
Terbium	159-2	1857533	1830319	1835366	1841073	0.79	cps
Thallium	203-1	175	125	133	144	18.54	cps
Thallium	205-1	500	358	300	386	26.64	cps
Tin	118-1	13974	13691	13774	13813	1.06	cps
Titanium	47-1	1942	2175	2225	2114	7.15	cps
Uranium	238-1	583	600	633	606	4.21	cps
Vanadium	51-2	3961	3967	3871	3933	1.37	cps
Yttrium	89-1	6148359	6386384	6330449	6288397	1.98	cps
Yttrium	89-2	247095	246856	247045	246998	0.05	cps
Zinc	66-2	1997	1873	2050	1974	4.59	cps
Zirconium	90-1	6761	6577	6103	6481	5.24	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-06	Instrumnet Name :	P8
Client Sample ID :	DAY-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:35:24	DataFile Name :	052SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1458	1500	1433	1464	2.30	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4631-07 Instrumnet Name : P8
 Client Sample ID : VE-3-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 16:38:30 DataFile Name : 053SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1150	1575	1508	1411	16.20	cps
Antimony	121-1	16494	17470	16887	16950	2.90	cps
Arsenic	75-2	2297	2128	2339	2255	4.95	cps
Barium	135-1	181799	185198	186354	184450	1.28	cps
Barium	137-1	320179	323677	322559	322138	0.55	cps
Beryllium	9-1	261	206	244	237	12.03	cps
Bismuth	209-1	3750074	3825988	3872793	3816285	1.62	cps
Bismuth	209-2	1415707	1427977	1440789	1428158	0.88	cps
Boron	10-1	3109	3150	3117	3125	0.71	cps
Boron	11-1	14416	14616	14733	14588	1.10	cps
Cadmium	111-1	898	979	1101	992	10.27	cps
Cadmium	106-1	1133	1158	1367	1220	10.51	cps
Cadmium	108-1	29	46	21	32	39.85	cps
Calcium	43-1	1739894	1740129	1734652	1738225	0.18	cps
Calcium	44-1	28147315	28147923	28600690	28298643	0.92	cps
Chromium	52-2	5935	5725	5865	5841	1.83	cps
Cobalt	59-2	3104	2967	2910	2994	3.32	cps
Copper	63-2	16663	15742	16056	16154	2.90	cps
Dysprosium	156-1	3826	4001	3742	3856	3.42	cps
Dysprosium	156-2	1217	1220	1173	1203	2.16	cps
Erbium	164-1	4518	4218	4459	4398	3.62	cps
Erbium	164-2	1230	1133	1203	1189	4.20	cps
Gadolinium	160-1	4226	3651	4117	3998	7.64	cps
Gadolinium	160-2	1520	1413	1433	1456	3.90	cps
Holmium	165-1	6400135	6462604	6662217	6508318	2.10	cps
Holmium	165-2	1851241	1845132	1903888	1866754	1.73	cps
Indium	115-1	5996420	6006338	6056415	6019725	0.53	cps
Indium	115-2	317211	323641	326892	322582	1.53	cps
Iron	56-2	19608993	19394101	19177809	19393634	1.11	cps
Iron	57-2	491521	489046	486451	489006	0.52	cps
Lead	206-1	12684	12523	12284	12497	1.61	cps
Lead	207-1	10338	10115	10655	10369	2.61	cps
Lead	208-1	49228	48154	49011	48797	1.16	cps
Lithium	6-1	1351868	1351298	1380392	1361186	1.22	cps
Magnesium	24-2	616259	608003	607943	610735	0.78	cps
Manganese	55-2	210738	209355	207639	209244	0.74	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-07	Instrumnet Name :	P8
Client Sample ID :	VE-3-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:38:30	DataFile Name :	053SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6312	8332	7465	7370	13.75	cps
Molybdenum	95-1	3542	3917	3584	3681	5.59	cps
Molybdenum	96-1	4443	4443	4759	4548	4.02	cps
Molybdenum	97-1	2250	2359	2450	2353	4.26	cps
Molybdenum	98-1	6010	5660	6068	5913	3.74	cps
Neodymium	150-1	3994	4308	4121	4141	3.81	cps
Neodymium	150-2	807	787	767	787	2.54	cps
Nickel	60-2	1370	1453	1270	1365	6.73	cps
Phosphorus	31-2	175	192	117	161	24.45	cps
Potassium	39-2	73919	74355	72830	73701	1.07	cps
Rhodium	103-1	5614133	5619168	5727102	5653468	1.13	cps
Rhodium	103-2	1775951	1838853	1858308	1824371	2.36	cps
Scandium	45-1	3943265	3934459	4002285	3960003	0.93	cps
Scandium	45-2	35943	36451	36367	36254	0.75	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	7	6	4	6	33.38	cps
Selenium	82-1	45	58	50	51	12.72	cps
Silicon	28-1	23950789	24031951	24114592	24032444	0.34	cps
Silver	109-1	1767	2042	1925	1911	7.22	cps
Silver	107-1	2150	2509	2159	2273	9.00	cps
Sodium	23-2	2906343	2904857	2868125	2893108	0.75	cps
Strontium	86-1	582924	586667	588730	586107	0.50	cps
Strontium	88-1	5039179	5085395	5092437	5072337	0.57	cps
Sulfur	34-1	425513	426140	421705	424453	0.57	cps
Terbium	159-1	6732040	6793193	6904360	6809864	1.28	cps
Terbium	159-2	1768649	1831756	1865770	1822058	2.70	cps
Thallium	203-1	75	142	100	106	31.91	cps
Thallium	205-1	233	192	167	197	17.08	cps
Tin	118-1	13766	14291	14450	14169	2.53	cps
Titanium	47-1	31553	31812	31545	31637	0.48	cps
Uranium	238-1	11981	11923	11731	11878	1.10	cps
Vanadium	51-2	62847	61293	62425	62189	1.29	cps
Yttrium	89-1	6477816	6471263	6578791	6509290	0.93	cps
Yttrium	89-2	241535	246753	246574	244954	1.21	cps
Zinc	66-2	2617	2617	2804	2679	4.02	cps
Zirconium	90-1	13095	13228	16053	14125	11.83	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-07	Instrumnet Name :	P8
Client Sample ID :	VE-3-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:38:30	DataFile Name :	053SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3179	3678	2584	3147	17.41	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-08	Instrumnet Name :	P8
Client Sample ID :	VE-2-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:43:55	DataFile Name :	054SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	25	36	35.25	cps
Antimony	121-1	14175	14892	14425	14497	2.51	cps
Arsenic	75-2	106	126	104	112	11.03	cps
Barium	135-1	272374	272918	275193	273495	0.55	cps
Barium	137-1	473289	481534	477132	477318	0.86	cps
Beryllium	9-1	139	200	122	154	26.64	cps
Bismuth	209-1	3632668	3658028	3675628	3655442	0.59	cps
Bismuth	209-2	1412550	1402432	1401558	1405513	0.43	cps
Boron	10-1	5685	6043	6243	5990	4.72	cps
Boron	11-1	27235	27461	27118	27271	0.64	cps
Cadmium	111-1	838	825	807	823	1.91	cps
Cadmium	106-1	1125	1108	1125	1120	0.86	cps
Cadmium	108-1	29	38	8	25	60.10	cps
Calcium	43-1	3369333	3360093	3338789	3356072	0.47	cps
Calcium	44-1	54309320	54528187	54599241	54478916	0.28	cps
Chromium	52-2	1540	1663	1530	1578	4.71	cps
Cobalt	59-2	470	397	440	436	8.47	cps
Copper	63-2	5741	6055	6078	5958	3.16	cps
Dysprosium	156-1	92	142	117	117	21.43	cps
Dysprosium	156-2	43	47	30	40	22.05	cps
Erbium	164-1	150	192	208	183	16.39	cps
Erbium	164-2	83	87	57	76	21.76	cps
Gadolinium	160-1	108	158	192	153	27.45	cps
Gadolinium	160-2	50	40	30	40	25.00	cps
Holmium	165-1	6262779	6453686	6446429	6387631	1.69	cps
Holmium	165-2	1888142	1875469	1854066	1872559	0.92	cps
Indium	115-1	5850667	5779244	5831957	5820623	0.64	cps
Indium	115-2	320734	322024	318791	320516	0.51	cps
Iron	56-2	5704979	5684682	5638590	5676084	0.60	cps
Iron	57-2	144647	143234	142578	143486	0.74	cps
Lead	206-1	1083	1011	1028	1041	3.63	cps
Lead	207-1	867	950	995	937	6.92	cps
Lead	208-1	4034	4345	4312	4230	4.04	cps
Lithium	6-1	1309946	1307921	1295583	1304483	0.60	cps
Magnesium	24-2	955742	948978	937803	947508	0.96	cps
Manganese	55-2	160267	160509	159799	160192	0.23	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-08	Instrumnet Name :	P8
Client Sample ID :	VE-2-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:43:55	DataFile Name :	054SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1725	2009	1850	1861	7.63	cps
Molybdenum	95-1	625	767	583	658	14.60	cps
Molybdenum	96-1	1192	992	917	1033	13.76	cps
Molybdenum	97-1	617	417	600	544	20.38	cps
Molybdenum	98-1	1342	1350	1400	1364	2.31	cps
Neodymium	150-1	113	153	147	138	15.55	cps
Neodymium	150-2	27	23	27	26	7.55	cps
Nickel	60-2	1990	1867	2040	1966	4.54	cps
Phosphorus	31-2	158	108	192	153	27.45	cps
Potassium	39-2	101431	99911	99156	100166	1.16	cps
Rhodium	103-1	5502960	5433402	5565626	5500663	1.20	cps
Rhodium	103-2	1800437	1805548	1769753	1791913	1.08	cps
Scandium	45-1	3919481	3890035	3892697	3900738	0.42	cps
Scandium	45-2	36538	35986	36260	36261	0.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	6	2	5	57.32	cps
Selenium	82-1	-64	-26	-98	-62	-57.93	cps
Silicon	28-1	22984519	22850370	22846089	22893659	0.34	cps
Silver	109-1	1667	1692	1483	1614	7.05	cps
Silver	107-1	1834	1725	1992	1850	7.25	cps
Sodium	23-2	7504691	7495529	7413922	7471380	0.67	cps
Strontium	86-1	1160389	1164315	1174980	1166561	0.65	cps
Strontium	88-1	9918427	9954466	10115931	9996275	1.05	cps
Sulfur	34-1	342873	338825	340181	340627	0.60	cps
Terbium	159-1	6655701	6785478	6768020	6736400	1.05	cps
Terbium	159-2	1844920	1824508	1832565	1833998	0.56	cps
Thallium	203-1	67	125	92	94	30.99	cps
Thallium	205-1	125	158	192	158	21.05	cps
Tin	118-1	10313	11005	11589	10969	5.82	cps
Titanium	47-1	1108	1075	1000	1061	5.23	cps
Uranium	238-1	2325	2242	2325	2298	2.09	cps
Vanadium	51-2	653	667	577	632	7.68	cps
Yttrium	89-1	6303802	6322128	6455764	6360565	1.30	cps
Yttrium	89-2	244185	244022	240051	242753	0.96	cps
Zinc	66-2	1773	1793	1870	1812	2.82	cps
Zirconium	90-1	5118	4868	4701	4896	4.29	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4631-08	Instrumnet Name :	P8
Client Sample ID :	VE-2-1	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:43:55	DataFile Name :	054SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1167	983	1033	1061	8.94	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-02	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:47:02	DataFile Name :	055SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	133	183	136	33.72	cps
Antimony	121-1	15318	15376	15885	15526	2.01	cps
Arsenic	75-2	91	93	91	91	1.17	cps
Barium	135-1	44041	42879	43873	43598	1.44	cps
Barium	137-1	77024	75952	78240	77072	1.49	cps
Beryllium	9-1	161	139	200	167	18.56	cps
Bismuth	209-1	3395815	3773476	3845068	3671453	6.57	cps
Bismuth	209-2	1430472	1446826	1430000	1435766	0.67	cps
Boron	10-1	2034	2042	1934	2003	3.01	cps
Boron	11-1	9462	9103	8853	9139	3.35	cps
Cadmium	111-1	894	708	745	782	12.64	cps
Cadmium	106-1	1200	967	1025	1064	11.41	cps
Cadmium	108-1	0	33	21	18	93.27	cps
Calcium	43-1	1691711	1675655	1690415	1685927	0.53	cps
Calcium	44-1	27240257	26992469	27102050	27111592	0.46	cps
Chromium	52-2	1573	1894	1850	1772	9.80	cps
Cobalt	59-2	90	197	183	157	37.10	cps
Copper	63-2	5158	5218	5381	5252	2.20	cps
Dysprosium	156-1	258	300	275	278	7.55	cps
Dysprosium	156-2	80	80	77	79	2.44	cps
Erbium	164-1	267	208	317	264	20.55	cps
Erbium	164-2	63	70	77	70	9.53	cps
Gadolinium	160-1	400	208	408	339	33.39	cps
Gadolinium	160-2	120	103	117	113	7.78	cps
Holmium	165-1	5903237	6493994	6585234	6327488	5.85	cps
Holmium	165-2	1877265	1913057	1856969	1882430	1.51	cps
Indium	115-1	5317108	5828343	5941985	5695812	5.84	cps
Indium	115-2	321647	324022	318948	321539	0.79	cps
Iron	56-2	10160	10021	9932	10037	1.15	cps
Iron	57-2	361	267	272	300	17.67	cps
Lead	206-1	889	850	839	859	3.06	cps
Lead	207-1	778	833	750	787	5.39	cps
Lead	208-1	3395	3673	3384	3484	4.70	cps
Lithium	6-1	1230891	1328193	1334509	1297864	4.48	cps
Magnesium	24-2	405704	410217	408962	408294	0.57	cps
Manganese	55-2	2030	2044	2154	2076	3.26	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-02	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:47:02	DataFile Name :	055SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1500	1508	1800	1603	10.66	cps
Molybdenum	95-1	2317	2625	2575	2506	6.61	cps
Molybdenum	96-1	2792	2600	2842	2745	4.65	cps
Molybdenum	97-1	1600	1475	1600	1558	4.63	cps
Molybdenum	98-1	4376	4001	4184	4187	4.48	cps
Neodymium	150-1	480	600	640	573	14.52	cps
Neodymium	150-2	113	107	120	113	5.88	cps
Nickel	60-2	257	267	290	271	6.31	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	39381	40860	39849	40030	1.89	cps
Rhodium	103-1	5044909	5522683	5638486	5402026	5.82	cps
Rhodium	103-2	1813802	1826397	1822953	1821051	0.36	cps
Scandium	45-1	3457656	3814046	3936654	3736119	6.66	cps
Scandium	45-2	35993	36120	36217	36110	0.31	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	2	0	3	124.95	cps
Selenium	82-1	-39	80	-5	12	519.27	cps
Silicon	28-1	16274605	16182590	16129340	16195512	0.45	cps
Silver	109-1	1642	1717	1734	1697	2.88	cps
Silver	107-1	1967	2042	1759	1922	7.64	cps
Sodium	23-2	280054	277447	277132	278211	0.58	cps
Strontium	86-1	1282061	1275351	1272719	1276710	0.38	cps
Strontium	88-1	11038285	11012660	10872281	10974409	0.81	cps
Sulfur	34-1	424075	425853	423023	424317	0.34	cps
Terbium	159-1	6120273	6764367	6769601	6551413	5.70	cps
Terbium	159-2	1819233	1823143	1812475	1818284	0.30	cps
Thallium	203-1	117	50	75	81	41.81	cps
Thallium	205-1	183	225	217	208	10.58	cps
Tin	118-1	9862	10563	10504	10310	3.77	cps
Titanium	47-1	1428	592	800	940	46.34	cps
Uranium	238-1	16178	16320	16487	16328	0.95	cps
Vanadium	51-2	137	117	97	117	17.14	cps
Yttrium	89-1	5765775	6263582	6385074	6138143	5.35	cps
Yttrium	89-2	240371	241513	239589	240491	0.40	cps
Zinc	66-2	1243	1347	1513	1368	9.96	cps
Zirconium	90-1	733	683	833	750	10.18	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-02	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY04	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:47:02	DataFile Name :	055SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	167	150	172	14.78	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-03	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY04-9006	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:50:09	DataFile Name :	056SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	58	92	72	24.02	cps
Antimony	121-1	15476	15893	15902	15757	1.54	cps
Arsenic	75-2	93	100	87	93	6.98	cps
Barium	135-1	43247	44526	44376	44050	1.59	cps
Barium	137-1	76396	77528	76831	76918	0.74	cps
Beryllium	9-1	139	139	156	144	6.66	cps
Bismuth	209-1	3801368	3851719	3949328	3867472	1.95	cps
Bismuth	209-2	1434783	1418861	1383735	1412460	1.85	cps
Boron	10-1	1909	1850	1917	1892	1.92	cps
Boron	11-1	8761	8269	7636	8222	6.86	cps
Cadmium	111-1	825	925	726	826	12.09	cps
Cadmium	106-1	1167	1267	992	1142	12.19	cps
Cadmium	108-1	29	4	8	14	96.44	cps
Calcium	43-1	1667911	1684955	1670407	1674424	0.55	cps
Calcium	44-1	26892113	27245501	27318682	27152099	0.84	cps
Chromium	52-2	1787	1753	1743	1761	1.29	cps
Cobalt	59-2	127	157	147	143	10.66	cps
Copper	63-2	5338	4998	5188	5174	3.29	cps
Dysprosium	156-1	342	333	217	297	23.51	cps
Dysprosium	156-2	87	90	110	96	13.21	cps
Erbium	164-1	283	267	200	250	17.64	cps
Erbium	164-2	77	60	87	74	18.10	cps
Gadolinium	160-1	383	258	333	325	19.36	cps
Gadolinium	160-2	90	83	120	98	19.97	cps
Holmium	165-1	6514382	6529922	6594598	6546301	0.65	cps
Holmium	165-2	1879176	1851015	1799512	1843234	2.19	cps
Indium	115-1	5891301	5923862	5919735	5911633	0.30	cps
Indium	115-2	318434	319668	307996	315366	2.03	cps
Iron	56-2	8881	8469	8798	8716	2.50	cps
Iron	57-2	278	161	194	211	28.46	cps
Lead	206-1	633	683	644	654	4.02	cps
Lead	207-1	711	644	461	606	21.38	cps
Lead	208-1	2722	2706	2600	2676	2.48	cps
Lithium	6-1	1303507	1330605	1293937	1309350	1.45	cps
Magnesium	24-2	405199	405102	408874	406391	0.53	cps
Manganese	55-2	2014	1990	2027	2010	0.92	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-03	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY04-9006	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:50:09	DataFile Name :	056SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1884	1442	1617	1647	13.50	cps
Molybdenum	95-1	2434	2409	2617	2486	4.58	cps
Molybdenum	96-1	2800	2734	2667	2734	2.44	cps
Molybdenum	97-1	1675	1642	1700	1672	1.75	cps
Molybdenum	98-1	4193	4759	4634	4529	6.58	cps
Neodymium	150-1	673	593	640	636	6.32	cps
Neodymium	150-2	113	120	113	116	3.33	cps
Nickel	60-2	273	250	203	242	14.71	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	39456	39139	40167	39587	1.33	cps
Rhodium	103-1	5530665	5593186	5691591	5605148	1.45	cps
Rhodium	103-2	1810562	1820806	1736434	1789267	2.57	cps
Scandium	45-1	3860716	3903419	3924643	3896259	0.84	cps
Scandium	45-2	35618	35311	34045	34991	2.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-155	-44	-65	-88	-66.63	cps
Silicon	28-1	16162778	16249953	16116014	16176248	0.42	cps
Silver	109-1	1600	1567	1525	1564	2.40	cps
Silver	107-1	1542	1425	1600	1522	5.85	cps
Sodium	23-2	278297	275789	272990	275692	0.96	cps
Strontium	86-1	1269956	1273225	1294383	1279188	1.04	cps
Strontium	88-1	10943074	10927893	11059994	10976987	0.66	cps
Sulfur	34-1	422918	420981	425186	423028	0.50	cps
Terbium	159-1	6821064	6893925	6948197	6887729	0.93	cps
Terbium	159-2	1788213	1821909	1739532	1783218	2.32	cps
Thallium	203-1	67	58	83	69	18.33	cps
Thallium	205-1	242	108	208	186	37.28	cps
Tin	118-1	9695	9862	9879	9812	1.03	cps
Titanium	47-1	600	583	558	581	3.61	cps
Uranium	238-1	15869	16278	16687	16278	2.51	cps
Vanadium	51-2	147	103	117	122	18.16	cps
Yttrium	89-1	6305426	6429782	6421734	6385647	1.09	cps
Yttrium	89-2	238502	238036	228469	235002	2.41	cps
Zinc	66-2	1373	1267	1357	1332	4.31	cps
Zirconium	90-1	533	758	833	708	22.04	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-03	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY04-9006	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:50:09	DataFile Name :	056SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	142	242	172	35.01	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-04	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:53:17	DataFile Name :	057SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	175	175	172	2.79	cps
Antimony	121-1	14717	15126	14442	14762	2.33	cps
Arsenic	75-2	80	61	76	72	13.57	cps
Barium	135-1	52020	53241	53275	52845	1.35	cps
Barium	137-1	91206	92507	92858	92190	0.94	cps
Beryllium	9-1	106	133	128	122	12.03	cps
Bismuth	209-1	3920887	3867933	3956958	3915260	1.14	cps
Bismuth	209-2	1440240	1427131	1441986	1436452	0.57	cps
Boron	10-1	1717	1834	1859	1803	4.19	cps
Boron	11-1	8186	8003	7519	7903	4.36	cps
Cadmium	111-1	842	847	810	833	2.44	cps
Cadmium	106-1	1150	1175	1092	1139	3.75	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	1787863	1780688	1783193	1783915	0.20	cps
Calcium	44-1	28478090	28406833	28707606	28530843	0.55	cps
Chromium	52-2	1700	1553	1723	1659	5.56	cps
Cobalt	59-2	150	167	193	170	12.86	cps
Copper	63-2	5081	4918	5011	5003	1.64	cps
Dysprosium	156-1	333	325	467	375	21.20	cps
Dysprosium	156-2	97	123	113	111	12.13	cps
Erbium	164-1	392	400	308	367	13.83	cps
Erbium	164-2	90	73	67	77	15.68	cps
Gadolinium	160-1	308	417	492	406	22.73	cps
Gadolinium	160-2	97	117	157	123	24.77	cps
Holmium	165-1	6614897	6719291	6645986	6660058	0.80	cps
Holmium	165-2	1874601	1860599	1874236	1869812	0.43	cps
Indium	115-1	5986434	6017911	5917855	5974067	0.86	cps
Indium	115-2	317147	316396	316967	316837	0.12	cps
Iron	56-2	17506	17734	17422	17554	0.92	cps
Iron	57-2	483	450	467	467	3.57	cps
Lead	206-1	1261	1422	1411	1365	6.59	cps
Lead	207-1	1100	1178	1100	1126	3.99	cps
Lead	208-1	5017	5534	5451	5334	5.20	cps
Lithium	6-1	1282481	1297119	1303601	1294400	0.84	cps
Magnesium	24-2	366634	363369	363821	364608	0.49	cps
Manganese	55-2	2844	2627	2470	2647	7.08	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-04	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:53:17	DataFile Name :	057SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1809	1467	1558	1611	10.98	cps
Molybdenum	95-1	2075	2009	2184	2089	4.23	cps
Molybdenum	96-1	2534	2659	2600	2598	2.41	cps
Molybdenum	97-1	1350	1533	1500	1461	6.68	cps
Molybdenum	98-1	4259	4218	4067	4181	2.41	cps
Neodymium	150-1	687	853	780	773	10.80	cps
Neodymium	150-2	107	110	127	114	9.36	cps
Nickel	60-2	257	227	250	244	6.44	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	25516	24798	24898	25070	1.55	cps
Rhodium	103-1	5733777	5683515	5627483	5681592	0.94	cps
Rhodium	103-2	1814790	1795855	1792513	1801053	0.67	cps
Scandium	45-1	3915337	3883491	3934883	3911237	0.66	cps
Scandium	45-2	35585	35505	35478	35523	0.16	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	6	2	5	57.32	cps
Selenium	82-1	133	-195	31	-10	-1615.63	cps
Silicon	28-1	16353492	16368175	16427899	16383188	0.24	cps
Silver	109-1	1542	1642	1675	1620	4.29	cps
Silver	107-1	1475	1533	1584	1531	3.54	cps
Sodium	23-2	335952	331244	332486	333227	0.73	cps
Strontium	86-1	1306952	1301215	1310426	1306198	0.36	cps
Strontium	88-1	11337518	11174065	11267566	11259716	0.73	cps
Sulfur	34-1	415901	417233	414280	415805	0.36	cps
Terbium	159-1	6901935	6999562	6970549	6957349	0.72	cps
Terbium	159-2	1814640	1811086	1822754	1816160	0.33	cps
Thallium	203-1	75	83	58	72	17.62	cps
Thallium	205-1	225	208	233	222	5.73	cps
Tin	118-1	10438	10229	11197	10621	4.79	cps
Titanium	47-1	700	675	667	681	2.55	cps
Uranium	238-1	20918	20660	20969	20849	0.80	cps
Vanadium	51-2	167	147	130	148	12.42	cps
Yttrium	89-1	6442661	6394686	6366807	6401385	0.60	cps
Yttrium	89-2	237915	236966	236362	237081	0.33	cps
Zinc	66-2	1580	1507	1660	1582	4.85	cps
Zirconium	90-1	2484	750	950	1395	68.01	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-04	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:53:17	DataFile Name :	057SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	283	225	244	13.78	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-05	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:56:25	DataFile Name :	058SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60404	59492	57618	59171	2.40	cps
Antimony	121-1	4046023	4058479	4121497	4075333	0.99	cps
Arsenic	75-2	59524	60353	60524	60134	0.89	cps
Barium	135-1	4026253	4028663	4081912	4045609	0.78	cps
Barium	137-1	6748937	6850906	6906974	6835605	1.17	cps
Beryllium	9-1	631435	638230	634076	634580	0.54	cps
Bismuth	209-1	3714338	3739615	3771112	3741688	0.76	cps
Bismuth	209-2	1310951	1384864	1386500	1360772	3.17	cps
Boron	10-1	68581	69376	69904	69287	0.96	cps
Boron	11-1	306291	313567	324623	314827	2.93	cps
Cadmium	111-1	867147	878229	878543	874640	0.74	cps
Cadmium	106-1	89899	91703	90762	90788	0.99	cps
Cadmium	108-1	60585	61653	61912	61384	1.15	cps
Calcium	43-1	2804734	2814646	2782329	2800570	0.59	cps
Calcium	44-1	45092283	45112082	45054433	45086266	0.06	cps
Chromium	52-2	503027	500624	500161	501270	0.31	cps
Cobalt	59-2	1043480	1035744	1041846	1040357	0.39	cps
Copper	63-2	1803421	1769554	1764171	1779049	1.20	cps
Dysprosium	156-1	467	425	400	431	7.82	cps
Dysprosium	156-2	127	77	140	114	29.17	cps
Erbium	164-1	3476	3459	3509	3481	0.73	cps
Erbium	164-2	903	980	983	956	4.74	cps
Gadolinium	160-1	658	842	667	722	14.34	cps
Gadolinium	160-2	207	193	243	214	12.07	cps
Holmium	165-1	6515352	6604742	6619857	6579984	0.86	cps
Holmium	165-2	1726723	1821001	1850038	1799254	3.58	cps
Indium	115-1	5684062	5674137	5750542	5702914	0.73	cps
Indium	115-2	289008	303379	306257	299548	3.08	cps
Iron	56-2	15447953	15217801	15344122	15336626	0.75	cps
Iron	57-2	388073	384005	387874	386651	0.59	cps
Lead	206-1	2183110	2173991	2190750	2182617	0.38	cps
Lead	207-1	1909946	1929809	1959164	1932973	1.28	cps
Lead	208-1	8679411	8707809	8793217	8726813	0.68	cps
Lithium	6-1	1251730	1257613	1267570	1258971	0.64	cps
Magnesium	24-2	2068462	2031002	2042108	2047190	0.94	cps
Manganese	55-2	254934	254419	254918	254757	0.12	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-05	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:56:25	DataFile Name :	058SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3234947	3267192	3314299	3272146	1.22	cps
Molybdenum	95-1	1755926	1741051	1808914	1768630	2.02	cps
Molybdenum	96-1	2268078	2263345	2296490	2275971	0.79	cps
Molybdenum	97-1	1044814	1056834	1069871	1057173	1.19	cps
Molybdenum	98-1	2756862	2771457	2805417	2777912	0.90	cps
Neodymium	150-1	1053	847	927	942	11.06	cps
Neodymium	150-2	120	153	150	141	13.01	cps
Nickel	60-2	311629	308247	307093	308990	0.76	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	493847	494560	494443	494283	0.08	cps
Rhodium	103-1	5367363	5473636	5550315	5463771	1.68	cps
Rhodium	103-2	1658776	1746045	1755153	1719991	3.09	cps
Scandium	45-1	3779277	3805528	3817072	3800625	0.51	cps
Scandium	45-2	34035	35475	36414	35308	3.39	cps
Selenium	77-2	400	380	443	408	7.94	cps
Selenium	78-2	1396	1383	1356	1378	1.51	cps
Selenium	82-1	57135	57191	57063	57130	0.11	cps
Silicon	28-1	17948017	17864012	18068665	17960231	0.57	cps
Silver	109-1	4046601	4132827	4050731	4076720	1.19	cps
Silver	107-1	4321405	4303478	4246081	4290322	0.92	cps
Sodium	23-2	4495191	4494324	4464481	4484665	0.39	cps
Strontium	86-1	1338341	1357669	1342389	1346133	0.76	cps
Strontium	88-1	11585767	11556068	11577559	11573131	0.13	cps
Sulfur	34-1	421558	415801	417961	418440	0.69	cps
Terbium	159-1	6743990	6815029	6904711	6821243	1.18	cps
Terbium	159-2	1702328	1787984	1777018	1755777	2.65	cps
Thallium	203-1	2784844	2802750	2783213	2790269	0.39	cps
Thallium	205-1	6437147	6456547	6500553	6464749	0.50	cps
Tin	118-1	2597453	2598735	2601599	2599262	0.08	cps
Titanium	47-1	485239	483988	486366	485197	0.25	cps
Uranium	238-1	7760261	7694584	7817759	7757535	0.79	cps
Vanadium	51-2	362983	363204	362811	362999	0.05	cps
Yttrium	89-1	6211549	6315899	6307548	6278332	0.92	cps
Yttrium	89-2	221362	236105	235614	231027	3.62	cps
Zinc	66-2	149697	148361	149047	149035	0.45	cps
Zirconium	90-1	6303712	6299428	6323948	6309029	0.21	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-05	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05MS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:56:25	DataFile Name :	058SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1397028	1369851	1384947	1383942	0.98	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-06	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:59:24	DataFile Name :	059SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60497	60932	60070	60500	0.71	cps
Antimony	121-1	4165473	4177204	4135864	4159514	0.51	cps
Arsenic	75-2	60932	61123	61756	61270	0.70	cps
Barium	135-1	4046592	4104554	4134514	4095220	1.09	cps
Barium	137-1	6962131	6954715	7019933	6978926	0.51	cps
Beryllium	9-1	645666	644625	642425	644238	0.26	cps
Bismuth	209-1	3685502	3714684	3692440	3697542	0.41	cps
Bismuth	209-2	1376075	1315095	1344214	1345128	2.27	cps
Boron	10-1	72877	73329	74628	73611	1.23	cps
Boron	11-1	321550	328900	329395	326615	1.35	cps
Cadmium	111-1	893195	898429	893589	895071	0.33	cps
Cadmium	106-1	90058	91887	93348	91764	1.80	cps
Cadmium	108-1	62494	62943	62926	62787	0.40	cps
Calcium	43-1	2863988	2835244	2839027	2846087	0.55	cps
Calcium	44-1	45990312	46282579	46027169	46100020	0.35	cps
Chromium	52-2	512051	517415	514570	514679	0.52	cps
Cobalt	59-2	1070593	1069295	1071886	1070591	0.12	cps
Copper	63-2	1833891	1832719	1809242	1825284	0.76	cps
Dysprosium	156-1	467	475	283	408	26.53	cps
Dysprosium	156-2	123	130	133	129	3.95	cps
Erbium	164-1	3276	3926	3709	3637	9.10	cps
Erbium	164-2	913	930	1023	956	6.20	cps
Gadolinium	160-1	692	758	725	725	4.60	cps
Gadolinium	160-2	207	147	233	196	22.70	cps
Holmium	165-1	6482814	6477875	6439384	6466691	0.37	cps
Holmium	165-2	1822005	1730888	1788814	1780569	2.59	cps
Indium	115-1	5606117	5679883	5635842	5640614	0.66	cps
Indium	115-2	304273	287605	296507	296128	2.82	cps
Iron	56-2	15698862	15758718	15579562	15679047	0.58	cps
Iron	57-2	393827	394542	399306	395892	0.75	cps
Lead	206-1	2170098	2169722	2216323	2185381	1.23	cps
Lead	207-1	1919098	1956987	1954406	1943497	1.09	cps
Lead	208-1	8739106	8794189	8862147	8798481	0.70	cps
Lithium	6-1	1235995	1258685	1259189	1251290	1.06	cps
Magnesium	24-2	2105852	2116950	2105045	2109282	0.32	cps
Manganese	55-2	259319	263800	260811	261310	0.87	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-06	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:59:24	DataFile Name :	059SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3347296	3329336	3317156	3331263	0.46	cps
Molybdenum	95-1	1787653	1790568	1767003	1781741	0.72	cps
Molybdenum	96-1	2328031	2341440	2317730	2329067	0.51	cps
Molybdenum	97-1	1080282	1092273	1078491	1083682	0.69	cps
Molybdenum	98-1	2818810	2829055	2810579	2819481	0.33	cps
Neodymium	150-1	807	847	847	833	2.77	cps
Neodymium	150-2	167	130	163	153	13.22	cps
Nickel	60-2	318050	315210	318037	317099	0.52	cps
Phosphorus	31-2	17	25	0	14	91.65	cps
Potassium	39-2	501795	505831	507879	505169	0.61	cps
Rhodium	103-1	5453187	5478193	5477529	5469636	0.26	cps
Rhodium	103-2	1732623	1680808	1709327	1707586	1.52	cps
Scandium	45-1	3783583	3837237	3793339	3804720	0.75	cps
Scandium	45-2	34402	33751	33617	33923	1.24	cps
Selenium	77-2	467	390	433	430	8.94	cps
Selenium	78-2	1574	1326	1504	1468	8.71	cps
Selenium	82-1	57036	57913	58115	57688	0.99	cps
Silicon	28-1	18105268	18348390	18179231	18210963	0.68	cps
Silver	109-1	4248160	4151811	4214999	4204990	1.16	cps
Silver	107-1	4388787	4368817	4455656	4404420	1.03	cps
Sodium	23-2	4649288	4620195	4651167	4640217	0.37	cps
Strontium	86-1	1357621	1375311	1364438	1365790	0.65	cps
Strontium	88-1	11735325	11788751	11695428	11739834	0.40	cps
Sulfur	34-1	402602	402057	398322	400994	0.58	cps
Terbium	159-1	6679282	6776129	6880143	6778518	1.48	cps
Terbium	159-2	1768129	1685842	1718531	1724167	2.40	cps
Thallium	203-1	2818786	2806263	2815760	2813603	0.23	cps
Thallium	205-1	6486760	6511082	6549326	6515723	0.48	cps
Tin	118-1	2638290	2677256	2674264	2663270	0.81	cps
Titanium	47-1	496486	497042	500533	498020	0.44	cps
Uranium	238-1	7816571	7901210	7865131	7860971	0.54	cps
Vanadium	51-2	369925	373553	371471	371650	0.49	cps
Yttrium	89-1	6255495	6203149	6257089	6238578	0.49	cps
Yttrium	89-2	232709	222016	228948	227891	2.38	cps
Zinc	66-2	152332	153929	154573	153612	0.75	cps
Zirconium	90-1	6446046	6416230	6466292	6442856	0.39	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-06	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05MSD	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 16:59:24	DataFile Name :	059SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1423268	1428629	1433173	1428357	0.35	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-04A	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:02:25	DataFile Name :	060SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62028	61124	60940	61364	0.95	cps
Antimony	121-1	4262060	4251077	4278989	4264042	0.33	cps
Arsenic	75-2	62243	62626	63032	62634	0.63	cps
Barium	135-1	4247392	4199030	4237546	4227989	0.60	cps
Barium	137-1	7164035	7122544	7205923	7164167	0.58	cps
Beryllium	9-1	660958	659658	659907	660175	0.10	cps
Bismuth	209-1	3781822	3759674	3771697	3771064	0.29	cps
Bismuth	209-2	1287747	1396496	1402576	1362273	4.74	cps
Boron	10-1	73312	75760	76874	75315	2.42	cps
Boron	11-1	336292	337844	342756	338964	1.00	cps
Cadmium	111-1	916970	917306	919042	917773	0.12	cps
Cadmium	106-1	94346	95110	93733	94396	0.73	cps
Cadmium	108-1	64332	63901	63913	64049	0.38	cps
Calcium	43-1	2947809	2889589	2941873	2926424	1.09	cps
Calcium	44-1	47432689	47174167	47301641	47302832	0.27	cps
Chromium	52-2	530256	530975	528200	529810	0.27	cps
Cobalt	59-2	1103230	1103156	1103485	1103290	0.02	cps
Copper	63-2	1890734	1898958	1867521	1885738	0.86	cps
Dysprosium	156-1	383	417	517	439	15.81	cps
Dysprosium	156-2	147	107	100	118	21.43	cps
Erbium	164-1	3792	3884	3784	3820	1.45	cps
Erbium	164-2	967	1013	937	972	3.97	cps
Gadolinium	160-1	783	650	658	697	10.71	cps
Gadolinium	160-2	263	217	213	231	12.10	cps
Holmium	165-1	6588088	6595222	6668415	6617242	0.67	cps
Holmium	165-2	1719195	1878540	1842399	1813378	4.61	cps
Indium	115-1	5788499	5766939	5785554	5780331	0.20	cps
Indium	115-2	281132	304746	306217	297365	4.73	cps
Iron	56-2	16216675	16265228	16155651	16212518	0.34	cps
Iron	57-2	410153	410036	407846	409345	0.32	cps
Lead	206-1	2268618	2259929	2286555	2271701	0.60	cps
Lead	207-1	1988475	2035117	2021196	2014930	1.19	cps
Lead	208-1	9033369	9114637	9192274	9113427	0.87	cps
Lithium	6-1	1272304	1238087	1269434	1259941	1.51	cps
Magnesium	24-2	2165547	2159661	2140163	2155124	0.62	cps
Manganese	55-2	268730	268666	268984	268793	0.06	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-04A	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:02:25	DataFile Name :	060SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3457667	3418059	3411139	3428955	0.73	cps
Molybdenum	95-1	1878657	1840541	1861812	1860337	1.03	cps
Molybdenum	96-1	2400458	2372686	2397655	2390266	0.64	cps
Molybdenum	97-1	1105500	1107127	1116347	1109658	0.53	cps
Molybdenum	98-1	2904669	2921161	2914240	2913356	0.28	cps
Neodymium	150-1	820	960	987	922	9.71	cps
Neodymium	150-2	110	110	177	132	29.11	cps
Nickel	60-2	328078	327366	325753	327066	0.36	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	514389	517999	517831	516740	0.39	cps
Rhodium	103-1	5553160	5519714	5618421	5563765	0.90	cps
Rhodium	103-2	1638131	1758620	1778254	1725002	4.40	cps
Scandium	45-1	3899350	3878999	3935222	3904524	0.73	cps
Scandium	45-2	33069	35492	36317	34959	4.83	cps
Selenium	77-2	403	423	477	434	8.73	cps
Selenium	78-2	1346	1446	1517	1437	5.96	cps
Selenium	82-1	59533	59531	60429	59831	0.87	cps
Silicon	28-1	19033709	18604629	18931503	18856614	1.19	cps
Silver	109-1	4293403	4253144	4276862	4274470	0.47	cps
Silver	107-1	4496633	4507044	4491423	4498367	0.18	cps
Sodium	23-2	4843206	4745534	4727546	4772095	1.30	cps
Strontium	86-1	1437737	1415006	1427164	1426636	0.80	cps
Strontium	88-1	12289048	11995660	12145652	12143453	1.21	cps
Sulfur	34-1	404293	397559	398367	400073	0.92	cps
Terbium	159-1	6824992	6900201	6923420	6882871	0.75	cps
Terbium	159-2	1656170	1812203	1804735	1757703	5.01	cps
Thallium	203-1	2879402	2893127	2891828	2888119	0.26	cps
Thallium	205-1	6648174	6746879	6823026	6739360	1.30	cps
Tin	118-1	2752871	2733526	2769842	2752080	0.66	cps
Titanium	47-1	514614	511293	516020	513976	0.47	cps
Uranium	238-1	8069600	8015712	8202821	8096044	1.19	cps
Vanadium	51-2	383331	382222	383008	382854	0.15	cps
Yttrium	89-1	6452518	6320573	6403047	6392046	1.04	cps
Yttrium	89-2	218234	235898	236678	230270	4.53	cps
Zinc	66-2	159105	155918	157040	157354	1.03	cps
Zirconium	90-1	6679144	6578991	6639758	6632631	0.76	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-04A	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY05A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:02:25	DataFile Name :	060SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1482292	1446128	1472168	1466863	1.27	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-07	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY06	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:05:23	DataFile Name :	061SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	858	900	858	872	2.76	cps
Antimony	121-1	13282	13082	13616	13327	2.02	cps
Arsenic	75-2	120	93	83	99	19.52	cps
Barium	135-1	59200	58740	59686	59208	0.80	cps
Barium	137-1	103974	101748	103974	103232	1.25	cps
Beryllium	9-1	300	356	333	330	8.48	cps
Bismuth	209-1	3825976	3895312	3881843	3867711	0.95	cps
Bismuth	209-2	1435407	1425177	1423819	1428134	0.44	cps
Boron	10-1	4801	4676	4234	4570	6.52	cps
Boron	11-1	20791	20232	18830	19951	5.06	cps
Cadmium	111-1	1112	957	1135	1068	9.06	cps
Cadmium	106-1	1225	1117	1233	1192	5.46	cps
Cadmium	108-1	29	29	17	25	28.86	cps
Calcium	43-1	2272865	2251653	2289957	2271491	0.84	cps
Calcium	44-1	36733926	36801659	36908381	36814655	0.24	cps
Chromium	52-2	1813	1737	1717	1756	2.91	cps
Cobalt	59-2	290	307	270	289	6.36	cps
Copper	63-2	5221	5294	5181	5232	1.10	cps
Dysprosium	156-1	650	708	533	631	14.13	cps
Dysprosium	156-2	227	157	200	194	18.17	cps
Erbium	164-1	542	583	717	614	14.89	cps
Erbium	164-2	153	127	150	143	10.14	cps
Gadolinium	160-1	700	608	700	669	7.91	cps
Gadolinium	160-2	270	230	220	240	11.02	cps
Holmium	165-1	6572170	6648149	6744082	6654800	1.29	cps
Holmium	165-2	1895368	1872947	1856882	1875066	1.03	cps
Indium	115-1	5912225	6032698	5984826	5976583	1.01	cps
Indium	115-2	318834	314875	313233	315647	0.91	cps
Iron	56-2	126805	126089	126037	126310	0.34	cps
Iron	57-2	3106	3100	3100	3102	0.10	cps
Lead	206-1	1406	1417	1233	1352	7.60	cps
Lead	207-1	1089	1056	1100	1082	2.14	cps
Lead	208-1	4956	5045	4784	4928	2.69	cps
Lithium	6-1	1220070	1248618	1259905	1242864	1.65	cps
Magnesium	24-2	526749	523285	519384	523139	0.70	cps
Manganese	55-2	2877	2917	2870	2888	0.87	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-07	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY06	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:05:23	DataFile Name :	061SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1892	1825	2142	1953	8.56	cps
Molybdenum	95-1	1467	1417	1175	1353	11.53	cps
Molybdenum	96-1	1667	1909	1750	1775	6.92	cps
Molybdenum	97-1	842	750	1167	920	23.81	cps
Molybdenum	98-1	2425	2667	2659	2584	5.31	cps
Neodymium	150-1	1140	1267	1213	1207	5.27	cps
Neodymium	150-2	253	240	187	227	15.56	cps
Nickel	60-2	483	373	490	449	14.60	cps
Phosphorus	31-2	33	0	50	28	91.65	cps
Potassium	39-2	24263	23763	24297	24108	1.24	cps
Rhodium	103-1	5567640	5661530	5699159	5642776	1.20	cps
Rhodium	103-2	1822300	1813915	1813901	1816705	0.27	cps
Scandium	45-1	3905589	3907140	3943630	3918786	0.55	cps
Scandium	45-2	36197	35769	35378	35781	1.14	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	6	6	2	4	49.54	cps
Selenium	82-1	45	-53	90	27	269.00	cps
Silicon	28-1	19712842	19654523	19841430	19736265	0.48	cps
Silver	109-1	1809	1875	2142	1942	9.09	cps
Silver	107-1	1834	2067	2009	1970	6.17	cps
Sodium	23-2	231616	230995	228293	230301	0.77	cps
Strontium	86-1	1667632	1673408	1696737	1679259	0.92	cps
Strontium	88-1	14190051	14228038	14325525	14247871	0.49	cps
Sulfur	34-1	384390	381864	384629	383628	0.40	cps
Terbium	159-1	6971142	6897195	7042697	6970345	1.04	cps
Terbium	159-2	1844156	1799352	1796183	1813230	1.48	cps
Thallium	203-1	375	367	417	386	6.94	cps
Thallium	205-1	1033	750	725	836	20.48	cps
Tin	118-1	24123	23731	24198	24017	1.04	cps
Titanium	47-1	1634	1734	1559	1642	5.35	cps
Uranium	238-1	19307	21365	20401	20358	5.06	cps
Vanadium	51-2	260	237	257	251	5.03	cps
Yttrium	89-1	6395097	6445018	6450836	6430317	0.48	cps
Yttrium	89-2	239428	238746	236080	238085	0.74	cps
Zinc	66-2	1313	1363	1330	1336	1.91	cps
Zirconium	90-1	3604	4760	3001	3788	23.60	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-07	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY06	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:05:23	DataFile Name :	061SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	658	10054	583	3765	144.65	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:08:30	DataFile Name :	062CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	370275	369355	369949	369859	0.13	cps
Antimony	121-1	3999848	4008750	4074511	4027703	1.01	cps
Arsenic	75-2	67789	67000	67123	67304	0.63	cps
Barium	135-1	4485557	4456016	4460988	4467520	0.35	cps
Barium	137-1	7696139	7652485	7566751	7638458	0.86	cps
Beryllium	9-1	742856	738158	737394	739469	0.40	cps
Bismuth	209-1	3960755	3932159	3865832	3919582	1.24	cps
Bismuth	209-2	1582243	1574395	1562116	1572918	0.64	cps
Boron	10-1	84121	87021	87223	86122	2.02	cps
Boron	11-1	393735	393919	400155	395937	0.92	cps
Cadmium	111-1	935417	931895	923803	930372	0.64	cps
Cadmium	106-1	98669	99464	97729	98621	0.88	cps
Cadmium	108-1	65726	65680	66161	65856	0.40	cps
Calcium	43-1	5428375	5391223	5345547	5388382	0.77	cps
Calcium	44-1	89119250	88831964	87955875	88635696	0.68	cps
Chromium	52-2	552730	549251	550456	550812	0.32	cps
Cobalt	59-2	1141451	1138078	1129805	1136445	0.53	cps
Copper	63-2	2023744	1949498	1972083	1981775	1.92	cps
Dysprosium	156-1	83	158	117	119	31.46	cps
Dysprosium	156-2	20	10	13	14	35.26	cps
Erbium	164-1	67	50	58	58	14.29	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	67	58	67	64	7.53	cps
Gadolinium	160-2	23	20	20	21	9.11	cps
Holmium	165-1	7048913	6957584	6916719	6974405	0.97	cps
Holmium	165-2	2165245	2142835	2139538	2149206	0.65	cps
Indium	115-1	6207245	6267336	6229362	6234648	0.49	cps
Indium	115-2	356502	358639	354608	356583	0.57	cps
Iron	56-2	88046541	87413621	87309060	87589741	0.46	cps
Iron	57-2	2251814	2247221	2244554	2247863	0.16	cps
Lead	206-1	2225153	2223677	2233485	2227438	0.24	cps
Lead	207-1	2001496	1947666	1971426	1973529	1.37	cps
Lead	208-1	8982291	8952741	8892211	8942415	0.51	cps
Lithium	6-1	1202925	1220362	1225788	1216358	0.98	cps
Magnesium	24-2	9222102	9116291	9119339	9152577	0.66	cps
Manganese	55-2	303936	303018	302367	303107	0.26	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:08:30	DataFile Name :	062CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3692374	3714784	3694227	3700462	0.34	cps
Molybdenum	95-1	2037817	1994585	2023938	2018780	1.09	cps
Molybdenum	96-1	2569693	2606487	2613797	2596659	0.91	cps
Molybdenum	97-1	1209818	1210024	1211880	1210574	0.09	cps
Molybdenum	98-1	3176539	3176471	3164456	3172489	0.22	cps
Neodymium	150-1	180	140	113	144	23.23	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	330372	329731	330402	330169	0.11	cps
Phosphorus	31-2	5643	5718	5801	5721	1.38	cps
Potassium	39-2	2845572	2893201	2862700	2867158	0.84	cps
Rhodium	103-1	6006031	6025650	5942660	5991447	0.72	cps
Rhodium	103-2	1943970	1941748	1941519	1942412	0.07	cps
Scandium	45-1	4373652	4405370	4300427	4359816	1.23	cps
Scandium	45-2	42053	40883	41043	41326	1.53	cps
Selenium	77-2	453	403	450	436	6.42	cps
Selenium	78-2	1561	1650	1545	1585	3.58	cps
Selenium	82-1	61742	61575	61628	61648	0.14	cps
Silicon	28-1	2273543	2275327	2245984	2264952	0.73	cps
Silver	109-1	4537664	4551358	4483186	4524069	0.80	cps
Silver	107-1	4756537	4735016	4701860	4731138	0.58	cps
Sodium	23-2	23068443	22916770	22904937	22963383	0.40	cps
Strontium	86-1	1274360	1278812	1273006	1275393	0.24	cps
Strontium	88-1	10952499	10926439	10896363	10925100	0.26	cps
Sulfur	34-1	700505	700688	695070	698754	0.46	cps
Terbium	159-1	7408109	7336104	7247124	7330446	1.10	cps
Terbium	159-2	2081668	2092724	2037112	2070501	1.42	cps
Thallium	203-1	2731471	2769058	2778697	2759742	0.90	cps
Thallium	205-1	6512371	6452975	6423448	6462931	0.70	cps
Tin	118-1	3041060	3068933	3033792	3047928	0.61	cps
Titanium	47-1	581384	580949	578451	580262	0.27	cps
Uranium	238-1	8147826	8137226	8005169	8096740	0.98	cps
Vanadium	51-2	412378	411512	408241	410710	0.53	cps
Yttrium	89-1	7028966	7118549	7051330	7066282	0.66	cps
Yttrium	89-2	275995	276880	274444	275773	0.45	cps
Zinc	66-2	173462	172494	174489	173482	0.58	cps
Zirconium	90-1	7029359	7000459	7042707	7024175	0.31	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:08:30	DataFile Name :	062CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1575099	1571115	1573771	1573328	0.13	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:11:28	DataFile Name :	063CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	8	31	68.64	cps
Antimony	121-1	1984	1867	1800	1884	4.93	cps
Arsenic	75-2	11	11	7	10	21.63	cps
Barium	135-1	50	33	100	61	56.78	cps
Barium	137-1	58	92	158	103	49.54	cps
Beryllium	9-1	306	228	278	270	14.58	cps
Bismuth	209-1	3931741	3947788	3894333	3924621	0.70	cps
Bismuth	209-2	1652341	1651474	1545569	1616461	3.80	cps
Boron	10-1	3300	3050	2867	3073	7.08	cps
Boron	11-1	14633	13732	12890	13751	6.34	cps
Cadmium	111-1	1078	1134	1050	1087	3.96	cps
Cadmium	106-1	1383	1467	1400	1417	3.11	cps
Cadmium	108-1	17	25	38	26	39.73	cps
Calcium	43-1	2342	2234	2234	2270	2.76	cps
Calcium	44-1	45868	46670	46419	46319	0.89	cps
Chromium	52-2	993	1143	1203	1113	9.72	cps
Cobalt	59-2	23	30	23	26	15.07	cps
Copper	63-2	447	537	500	494	9.15	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	67	108	83	86	24.35	cps
Gadolinium	160-2	17	20	13	17	20.01	cps
Holmium	165-1	6749745	6809939	6697230	6752305	0.84	cps
Holmium	165-2	2164966	2176838	2048274	2130026	3.34	cps
Indium	115-1	6454572	6437757	6445228	6445852	0.13	cps
Indium	115-2	386030	387220	363911	379054	3.46	cps
Iron	56-2	4078	3840	4034	3984	3.19	cps
Iron	57-2	128	133	133	131	2.44	cps
Lead	206-1	439	467	461	456	3.23	cps
Lead	207-1	361	344	339	348	3.32	cps
Lead	208-1	1695	1756	1633	1695	3.61	cps
Lithium	6-1	1234396	1250194	1236294	1240295	0.70	cps
Magnesium	24-2	150	183	217	183	18.18	cps
Manganese	55-2	123	130	123	126	3.06	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:11:28	DataFile Name :	063CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	617	625	333	525	31.63	cps
Molybdenum	95-1	317	192	192	233	30.93	cps
Molybdenum	96-1	500	467	458	475	4.64	cps
Molybdenum	97-1	292	225	258	258	12.90	cps
Molybdenum	98-1	317	375	308	333	10.90	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	93	117	133	114	17.56	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	4034	3734	3434	3734	8.04	cps
Rhodium	103-1	6296119	6290815	6323523	6303486	0.28	cps
Rhodium	103-2	2104504	2118789	1961911	2061735	4.21	cps
Scandium	45-1	4427942	4487411	4423111	4446155	0.81	cps
Scandium	45-2	42304	42889	41171	42121	2.07	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	-92	-227	-26	-115	-88.96	cps
Silicon	28-1	396271	402526	391415	396737	1.40	cps
Silver	109-1	842	658	883	795	15.07	cps
Silver	107-1	833	725	825	795	7.59	cps
Sodium	23-2	7052	6719	7035	6935	2.71	cps
Strontium	86-1	1367	1292	1417	1358	4.63	cps
Strontium	88-1	467	783	775	675	26.74	cps
Sulfur	34-1	347442	346573	349818	347944	0.48	cps
Terbium	159-1	7187573	7175437	7084021	7149011	0.79	cps
Terbium	159-2	2108387	2075971	1977413	2053924	3.32	cps
Thallium	203-1	317	217	200	244	25.81	cps
Thallium	205-1	858	717	667	747	13.31	cps
Tin	118-1	1150	992	983	1042	9.02	cps
Titanium	47-1	150	108	100	119	22.43	cps
Uranium	238-1	25	125	100	83	62.45	cps
Vanadium	51-2	23	37	20	27	33.08	cps
Yttrium	89-1	7108223	7144209	7030443	7094292	0.82	cps
Yttrium	89-2	287245	289075	269569	281963	3.82	cps
Zinc	66-2	193	197	107	166	30.82	cps
Zirconium	90-1	917	983	858	920	6.80	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:11:28	DataFile Name :	063CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	108	258	186	40.38	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-08	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ5-ER2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:14:36	DataFile Name :	064SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	50	36	35.25	cps
Antimony	121-1	34153	29158	26869	30060	12.39	cps
Arsenic	75-2	65	57	41	54	22.70	cps
Barium	135-1	58	83	67	69	18.33	cps
Barium	137-1	108	92	108	103	9.36	cps
Beryllium	9-1	211	222	211	215	2.99	cps
Bismuth	209-1	3810156	3854131	3834525	3832937	0.57	cps
Bismuth	209-2	1441749	1432336	1416908	1430331	0.88	cps
Boron	10-1	1975	1917	1884	1925	2.41	cps
Boron	11-1	8795	9312	8378	8828	5.30	cps
Cadmium	111-1	1055	983	973	1003	4.49	cps
Cadmium	106-1	1217	1208	1117	1181	4.70	cps
Cadmium	108-1	25	25	25	25	0.00	cps
Calcium	43-1	2425	2234	2784	2481	11.26	cps
Calcium	44-1	43393	44012	45500	44302	2.44	cps
Chromium	52-2	1597	1703	1580	1627	4.11	cps
Cobalt	59-2	80	53	47	60	29.40	cps
Copper	63-2	4001	4324	4301	4208	4.29	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	0	75	28	148.00	cps
Erbium	164-2	0	10	7	6	91.64	cps
Gadolinium	160-1	67	58	58	61	7.87	cps
Gadolinium	160-2	13	3	0	6	124.93	cps
Holmium	165-1	6329194	6505030	6464242	6432822	1.43	cps
Holmium	165-2	1823201	1840975	1816948	1827041	0.68	cps
Indium	115-1	5842794	5928563	5934146	5901834	0.87	cps
Indium	115-2	322621	318759	316929	319436	0.91	cps
Iron	56-2	6018	6318	6218	6185	2.47	cps
Iron	57-2	183	122	156	154	19.91	cps
Lead	206-1	967	900	1039	969	7.17	cps
Lead	207-1	922	745	917	861	11.74	cps
Lead	208-1	4134	3800	3984	3973	4.20	cps
Lithium	6-1	1240868	1276741	1266007	1261205	1.46	cps
Magnesium	24-2	167	167	292	208	34.64	cps
Manganese	55-2	240	207	243	230	8.82	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-08	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ5-ER2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:14:36	DataFile Name :	064SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	517	483	492	497	3.49	cps
Molybdenum	95-1	167	158	158	161	2.99	cps
Molybdenum	96-1	425	367	467	419	11.97	cps
Molybdenum	97-1	217	183	192	197	8.80	cps
Molybdenum	98-1	450	525	667	547	20.11	cps
Neodymium	150-1	7	27	13	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	207	193	217	206	5.69	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3667	3484	3226	3459	6.42	cps
Rhodium	103-1	5607085	5748351	5727414	5694283	1.34	cps
Rhodium	103-2	1852553	1818619	1811018	1827397	1.21	cps
Scandium	45-1	3884627	3853147	3867904	3868559	0.41	cps
Scandium	45-2	35963	35709	34115	35262	2.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	-97	-24	5	-39	-135.07	cps
Silicon	28-1	399000	397984	388714	395233	1.43	cps
Silver	109-1	2300	2392	2184	2292	4.56	cps
Silver	107-1	2859	2567	2634	2687	5.69	cps
Sodium	23-2	10871	10805	10396	10691	2.41	cps
Strontium	86-1	1392	1342	1450	1395	3.89	cps
Strontium	88-1	692	625	783	700	11.36	cps
Sulfur	34-1	316831	315149	312449	314810	0.70	cps
Terbium	159-1	6700833	6776821	6702830	6726828	0.64	cps
Terbium	159-2	1817354	1771471	1765092	1784639	1.60	cps
Thallium	203-1	250	358	192	267	31.71	cps
Thallium	205-1	642	567	425	544	20.21	cps
Tin	118-1	20859	18814	18480	19384	6.64	cps
Titanium	47-1	375	283	275	311	17.83	cps
Uranium	238-1	83	50	108	81	36.33	cps
Vanadium	51-2	57	60	77	64	16.63	cps
Yttrium	89-1	6374601	6332122	6385856	6364193	0.45	cps
Yttrium	89-2	236410	239832	235624	237289	0.94	cps
Zinc	66-2	1553	1690	1637	1627	4.23	cps
Zirconium	90-1	1042	1017	1067	1042	2.40	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4668-08	Instrumnet Name :	P8
Client Sample ID :	SP17-GMZ5-ER2	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:14:36	DataFile Name :	064SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	250	250	264	9.12	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4686-02	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY07	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:17:44	DataFile Name :	065SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	767	625	808	733	13.11	cps
Antimony	121-1	19406	19331	19648	19462	0.85	cps
Arsenic	75-2	102	76	96	91	14.94	cps
Barium	135-1	46834	47512	48816	47720	2.11	cps
Barium	137-1	82926	84260	85493	84227	1.52	cps
Beryllium	9-1	222	183	189	198	10.61	cps
Bismuth	209-1	3829415	3867014	3891312	3862580	0.81	cps
Bismuth	209-2	1411254	1408454	1422849	1414185	0.54	cps
Boron	10-1	2675	3009	2517	2734	9.18	cps
Boron	11-1	12272	12281	11380	11978	4.32	cps
Cadmium	111-1	944	1002	744	897	15.07	cps
Cadmium	106-1	1167	1292	958	1139	14.79	cps
Cadmium	108-1	21	33	8	21	60.01	cps
Calcium	43-1	2223514	2243977	2201840	2223110	0.95	cps
Calcium	44-1	35282082	36299152	35842034	35807756	1.42	cps
Chromium	52-2	1703	1753	1693	1717	1.87	cps
Cobalt	59-2	227	180	223	210	12.40	cps
Copper	63-2	4954	5154	5468	5192	4.99	cps
Dysprosium	156-1	400	383	483	422	12.69	cps
Dysprosium	156-2	93	97	100	97	3.44	cps
Erbium	164-1	342	317	417	358	14.52	cps
Erbium	164-2	83	107	73	88	19.49	cps
Gadolinium	160-1	392	433	450	425	7.07	cps
Gadolinium	160-2	143	113	107	121	16.13	cps
Holmium	165-1	6589258	6609680	6601509	6600149	0.16	cps
Holmium	165-2	1837397	1843256	1858713	1846455	0.60	cps
Indium	115-1	5842939	5865652	5867354	5858649	0.23	cps
Indium	115-2	312382	309860	310572	310938	0.42	cps
Iron	56-2	85888	84025	84731	84881	1.11	cps
Iron	57-2	2111	2256	2295	2221	4.35	cps
Lead	206-1	1145	1095	1061	1100	3.81	cps
Lead	207-1	972	983	1011	989	2.03	cps
Lead	208-1	4489	4567	4250	4436	3.72	cps
Lithium	6-1	1219337	1246096	1229291	1231575	1.10	cps
Magnesium	24-2	501352	502678	506055	503362	0.48	cps
Manganese	55-2	1683	1673	1667	1675	0.50	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4686-02	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY07	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:17:44	DataFile Name :	065SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1717	1634	1667	1672	2.51	cps
Molybdenum	95-1	1367	1317	1317	1333	2.17	cps
Molybdenum	96-1	1859	1650	1734	1747	6.00	cps
Molybdenum	97-1	1017	1092	1008	1039	4.42	cps
Molybdenum	98-1	2842	2800	2584	2742	5.06	cps
Neodymium	150-1	653	640	693	662	4.19	cps
Neodymium	150-2	117	83	133	111	22.91	cps
Nickel	60-2	337	400	383	373	8.79	cps
Phosphorus	31-2	17	8	33	19	65.48	cps
Potassium	39-2	21325	21033	21626	21328	1.39	cps
Rhodium	103-1	5510175	5567318	5551748	5543080	0.53	cps
Rhodium	103-2	1782327	1791499	1787913	1787246	0.26	cps
Scandium	45-1	3877914	3928737	3861182	3889278	0.90	cps
Scandium	45-2	35094	35161	34870	35042	0.43	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	-68	-32	-55	-52	-34.75	cps
Silicon	28-1	19231695	19230512	19134762	19198990	0.29	cps
Silver	109-1	1734	1759	1884	1792	4.49	cps
Silver	107-1	2117	2284	1950	2117	7.87	cps
Sodium	23-2	242567	240787	243880	242411	0.64	cps
Strontium	86-1	1656922	1649117	1649165	1651735	0.27	cps
Strontium	88-1	13826018	13753485	13872887	13817463	0.44	cps
Sulfur	34-1	391878	392372	391060	391770	0.17	cps
Terbium	159-1	6863881	6893420	6918461	6891920	0.40	cps
Terbium	159-2	1806175	1782171	1778600	1788982	0.84	cps
Thallium	203-1	158	133	125	139	12.49	cps
Thallium	205-1	383	250	367	333	21.80	cps
Tin	118-1	14358	14792	15193	14781	2.82	cps
Titanium	47-1	1467	3075	1283	1942	50.75	cps
Uranium	238-1	19065	19992	19566	19541	2.37	cps
Vanadium	51-2	220	177	197	198	10.97	cps
Yttrium	89-1	6302776	6349743	6363023	6338514	0.50	cps
Yttrium	89-2	232668	233126	237621	234472	1.17	cps
Zinc	66-2	1317	1423	1450	1397	5.05	cps
Zirconium	90-1	3010	2918	2234	2721	15.60	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4686-02	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY07	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:17:44	DataFile Name :	065SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	583	567	558	569	2.23	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4686-03	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY08	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:20:50	DataFile Name :	066SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1008	867	1333	1070	22.37	cps
Antimony	121-1	17971	17320	18263	17852	2.70	cps
Arsenic	75-2	91	109	98	99	9.38	cps
Barium	135-1	55409	52865	53677	53984	2.41	cps
Barium	137-1	91567	92859	92187	92204	0.70	cps
Beryllium	9-1	278	228	217	241	13.52	cps
Bismuth	209-1	4011225	3968958	3926248	3968810	1.07	cps
Bismuth	209-2	1404492	1405652	1403554	1404566	0.07	cps
Boron	10-1	2525	2342	2534	2467	4.39	cps
Boron	11-1	11280	11455	11589	11441	1.35	cps
Cadmium	111-1	886	865	847	866	2.24	cps
Cadmium	106-1	1183	1133	1108	1142	3.34	cps
Cadmium	108-1	25	29	29	28	8.67	cps
Calcium	43-1	2153549	2143662	2178812	2158674	0.84	cps
Calcium	44-1	34892571	34485074	34916863	34764836	0.70	cps
Chromium	52-2	1870	1924	2251	2015	10.23	cps
Cobalt	59-2	427	423	443	431	2.49	cps
Copper	63-2	5348	5601	5628	5526	2.80	cps
Dysprosium	156-1	442	575	583	533	14.91	cps
Dysprosium	156-2	123	160	183	156	19.44	cps
Erbium	164-1	433	392	375	400	7.51	cps
Erbium	164-2	107	113	103	108	4.72	cps
Gadolinium	160-1	658	467	542	556	17.39	cps
Gadolinium	160-2	200	170	197	189	8.71	cps
Holmium	165-1	6772061	6693541	6755786	6740463	0.61	cps
Holmium	165-2	1813292	1829177	1819927	1820799	0.44	cps
Indium	115-1	5917294	5925817	5929511	5924207	0.11	cps
Indium	115-2	306401	307788	307128	307105	0.23	cps
Iron	56-2	146939	148592	146473	147335	0.76	cps
Iron	57-2	3912	3884	3723	3840	2.66	cps
Lead	206-1	1272	1311	1328	1304	2.19	cps
Lead	207-1	1256	1039	1211	1169	9.79	cps
Lead	208-1	5528	5051	5228	5269	4.58	cps
Lithium	6-1	1230215	1234210	1217137	1227187	0.73	cps
Magnesium	24-2	460043	459526	460762	460110	0.13	cps
Manganese	55-2	8613	8466	8663	8581	1.19	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4686-03	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY08	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:20:50	DataFile Name :	066SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10888	10296	10479	10555	2.87	cps
Molybdenum	95-1	16077	15893	15251	15740	2.76	cps
Molybdenum	96-1	17103	17362	16944	17136	1.23	cps
Molybdenum	97-1	9879	9612	10021	9837	2.11	cps
Molybdenum	98-1	25959	25049	26051	25686	2.16	cps
Neodymium	150-1	853	880	927	887	4.19	cps
Neodymium	150-2	130	180	153	154	16.20	cps
Nickel	60-2	537	570	437	514	13.49	cps
Phosphorus	31-2	25	17	8	17	50.01	cps
Potassium	39-2	34017	33825	33616	33819	0.59	cps
Rhodium	103-1	5636264	5607926	5603463	5615884	0.32	cps
Rhodium	103-2	1748506	1798483	1772907	1773299	1.41	cps
Scandium	45-1	3884577	3897333	3878346	3886752	0.25	cps
Scandium	45-2	34095	34760	33844	34233	1.38	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	6	0	9	5	94.35	cps
Selenium	82-1	-175	2	-118	-97	-93.24	cps
Silicon	28-1	18555283	18602143	18597627	18585017	0.14	cps
Silver	109-1	1592	1575	1875	1681	10.03	cps
Silver	107-1	1959	2084	1692	1911	10.47	cps
Sodium	23-2	458005	463112	466726	462614	0.95	cps
Strontium	86-1	1543654	1572383	1580661	1565566	1.24	cps
Strontium	88-1	13113194	13138404	13200167	13150588	0.34	cps
Sulfur	34-1	420136	417483	423827	420482	0.76	cps
Terbium	159-1	7029167	6976398	7045265	7016943	0.51	cps
Terbium	159-2	1768005	1790904	1789717	1782875	0.72	cps
Thallium	203-1	158	83	83	108	39.97	cps
Thallium	205-1	267	342	300	303	12.41	cps
Tin	118-1	11414	12081	12356	11950	4.06	cps
Titanium	47-1	2059	8129	3387	4525	70.53	cps
Uranium	238-1	25160	25812	25352	25441	1.32	cps
Vanadium	51-2	243	250	273	256	6.16	cps
Yttrium	89-1	6398343	6310706	6374024	6361024	0.71	cps
Yttrium	89-2	229468	233811	230135	231138	1.01	cps
Zinc	66-2	1123	1277	1153	1185	6.86	cps
Zirconium	90-1	3401	4399	3676	3825	13.48	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4686-03	Instrumnet Name :	P8
Client Sample ID :	SP17-CHY08	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:20:50	DataFile Name :	066SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	683	883	1092	886	23.07	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 17:23:58 DataFile Name : 067SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	75	33	58	37.80	cps
Antimony	121-1	16586	16886	16044	16505	2.59	cps
Arsenic	75-2	8886	9020	8881	8929	0.88	cps
Barium	135-1	200499	202442	202449	201797	0.56	cps
Barium	137-1	346350	346792	348599	347247	0.34	cps
Beryllium	9-1	200	178	183	187	6.18	cps
Bismuth	209-1	3893378	3923502	3903646	3906842	0.39	cps
Bismuth	209-2	1378602	1375425	1385232	1379753	0.36	cps
Boron	10-1	29916	30016	30491	30141	1.02	cps
Boron	11-1	141283	142570	144428	142760	1.11	cps
Cadmium	111-1	856	824	804	828	3.12	cps
Cadmium	106-1	1175	1108	1108	1131	3.40	cps
Cadmium	108-1	13	8	25	15	56.79	cps
Calcium	43-1	2223279	2214039	2184706	2207341	0.91	cps
Calcium	44-1	35368887	35555114	35112618	35345540	0.63	cps
Chromium	52-2	2390	2330	2610	2444	6.03	cps
Cobalt	59-2	1047	1163	1127	1112	5.36	cps
Copper	63-2	4731	5061	5048	4947	3.78	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	42	17	31	41.66	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	50	17	25	31	56.77	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	6664992	6672260	6680866	6672706	0.12	cps
Holmium	165-2	1808077	1802663	1802894	1804545	0.17	cps
Indium	115-1	5893946	5874688	5894871	5887835	0.19	cps
Indium	115-2	301203	300878	301487	301189	0.10	cps
Iron	56-2	5291897	5195336	5292270	5259834	1.06	cps
Iron	57-2	131744	128991	132176	130970	1.32	cps
Lead	206-1	694	800	706	733	7.91	cps
Lead	207-1	600	567	578	582	2.92	cps
Lead	208-1	2856	2834	2795	2828	1.09	cps
Lithium	6-1	1208005	1209630	1188541	1202059	0.98	cps
Magnesium	24-2	436246	432112	433441	433933	0.49	cps
Manganese	55-2	194615	193359	194186	194053	0.33	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:23:58	DataFile Name :	067SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3592	3701	3667	3653	1.52	cps
Molybdenum	95-1	5343	5485	5818	5549	4.40	cps
Molybdenum	96-1	6435	6160	6343	6313	2.22	cps
Molybdenum	97-1	3367	3534	3467	3456	2.43	cps
Molybdenum	98-1	8962	9137	9170	9090	1.23	cps
Neodymium	150-1	13	27	27	22	34.66	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1107	1067	1080	1085	1.88	cps
Phosphorus	31-2	200	183	167	183	9.09	cps
Potassium	39-2	50977	50073	50450	50500	0.90	cps
Rhodium	103-1	5464387	5541440	5556959	5520929	0.90	cps
Rhodium	103-2	1724399	1729397	1737916	1730570	0.39	cps
Scandium	45-1	3824862	3780057	3744118	3783012	1.07	cps
Scandium	45-2	32758	34289	33694	33580	2.30	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	35	-50	64	16	367.40	cps
Silicon	28-1	38977007	38817481	38551652	38782047	0.55	cps
Silver	109-1	1684	1584	1667	1645	3.26	cps
Silver	107-1	1792	1617	1684	1697	5.20	cps
Sodium	23-2	3223561	3192574	3215331	3210489	0.50	cps
Strontium	86-1	1205268	1223505	1232534	1220436	1.14	cps
Strontium	88-1	10376879	10488923	10501840	10455881	0.66	cps
Sulfur	34-1	619008	610969	610878	613619	0.76	cps
Terbium	159-1	6960114	7018842	7044343	7007766	0.62	cps
Terbium	159-2	1744948	1713815	1737834	1732199	0.94	cps
Thallium	203-1	108	67	117	97	27.55	cps
Thallium	205-1	267	142	200	203	30.85	cps
Tin	118-1	10138	10605	11047	10596	4.29	cps
Titanium	47-1	858	925	1008	931	8.08	cps
Uranium	238-1	6602	6243	6660	6502	3.47	cps
Vanadium	51-2	273	257	277	269	3.99	cps
Yttrium	89-1	6290591	6289408	6271728	6283909	0.17	cps
Yttrium	89-2	226727	225354	229651	227244	0.97	cps
Zinc	66-2	1127	1227	1227	1193	4.84	cps
Zirconium	90-1	1158	1275	1125	1186	6.64	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:23:58	DataFile Name :	067SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	292	417	358	17.56	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01DUP Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808DL Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 17:27:04 DataFile Name : 068SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	125	83	81	56.98	cps
Antimony	121-1	15401	16244	15126	15590	3.74	cps
Arsenic	75-2	9183	9325	9133	9214	1.09	cps
Barium	135-1	197701	198542	202196	199480	1.20	cps
Barium	137-1	349146	345715	350889	348583	0.76	cps
Beryllium	9-1	178	150	150	159	10.07	cps
Bismuth	209-1	3847659	3865904	3832937	3848834	0.43	cps
Bismuth	209-2	1395661	1402043	1390884	1396196	0.40	cps
Boron	10-1	31093	30801	30199	30698	1.48	cps
Boron	11-1	142929	143814	144461	143735	0.54	cps
Cadmium	111-1	761	754	723	746	2.77	cps
Cadmium	106-1	1067	1067	992	1042	4.16	cps
Cadmium	108-1	21	25	25	24	10.20	cps
Calcium	43-1	2226456	2252107	2226036	2234866	0.67	cps
Calcium	44-1	35810879	35740185	35273044	35608036	0.82	cps
Chromium	52-2	2330	2290	2560	2394	6.09	cps
Cobalt	59-2	1073	1163	1073	1103	4.71	cps
Copper	63-2	4778	5084	5064	4975	3.45	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	58	42	42	47	20.38	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	67	83	58	69	18.33	cps
Gadolinium	160-2	17	7	17	13	43.29	cps
Holmium	165-1	6560420	6576506	6556909	6564612	0.16	cps
Holmium	165-2	1851386	1852516	1835057	1846320	0.53	cps
Indium	115-1	5831410	5810271	5900556	5847413	0.81	cps
Indium	115-2	307142	307951	308679	307924	0.25	cps
Iron	56-2	5382538	5297864	5343630	5341344	0.79	cps
Iron	57-2	135294	133326	135311	134644	0.85	cps
Lead	206-1	800	617	806	741	14.51	cps
Lead	207-1	644	678	567	630	9.06	cps
Lead	208-1	2861	2739	2717	2772	2.81	cps
Lithium	6-1	1202903	1192105	1159669	1184892	1.90	cps
Magnesium	24-2	443911	436212	437014	439046	0.96	cps
Manganese	55-2	198518	197769	197413	197900	0.29	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808DL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:27:04	DataFile Name :	068SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3576	3317	3317	3403	4.38	cps
Molybdenum	95-1	5310	5618	5651	5526	3.41	cps
Molybdenum	96-1	5827	5960	5685	5824	2.36	cps
Molybdenum	97-1	3326	3359	3292	3326	1.00	cps
Molybdenum	98-1	9112	8995	8603	8903	2.99	cps
Neodymium	150-1	27	7	27	20	57.73	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1053	1193	1083	1110	6.64	cps
Phosphorus	31-2	200	217	267	228	15.23	cps
Potassium	39-2	51018	51253	50300	50857	0.98	cps
Rhodium	103-1	5561381	5599082	5504154	5554872	0.86	cps
Rhodium	103-2	1776994	1779075	1762325	1772798	0.51	cps
Scandium	45-1	3874676	3811062	3796831	3827523	1.08	cps
Scandium	45-2	33971	34269	34700	34313	1.07	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	7	2	4	4	65.54	cps
Selenium	82-1	98	-4	-45	16	453.71	cps
Silicon	28-1	38648146	38596866	38897887	38714300	0.42	cps
Silver	109-1	1575	1567	1350	1497	8.52	cps
Silver	107-1	1684	1759	1675	1706	2.69	cps
Sodium	23-2	3282833	3246726	3285345	3271635	0.66	cps
Strontium	86-1	1221312	1209292	1210231	1213612	0.55	cps
Strontium	88-1	10451331	10523697	10400872	10458633	0.59	cps
Sulfur	34-1	616262	609222	615277	613587	0.62	cps
Terbium	159-1	6920414	6832234	6917232	6889960	0.73	cps
Terbium	159-2	1799874	1776412	1781826	1786037	0.69	cps
Thallium	203-1	92	83	108	94	13.48	cps
Thallium	205-1	192	242	192	208	13.86	cps
Tin	118-1	9137	9679	10238	9684	5.68	cps
Titanium	47-1	925	933	817	892	7.30	cps
Uranium	238-1	6369	6385	6452	6402	0.69	cps
Vanadium	51-2	267	250	303	273	9.98	cps
Yttrium	89-1	6359463	6301475	6209203	6290047	1.20	cps
Yttrium	89-2	232387	231921	232945	232418	0.22	cps
Zinc	66-2	1077	1300	1190	1189	9.39	cps
Zirconium	90-1	875	958	1000	945	6.74	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808DL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:27:04	DataFile Name :	068SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	325	383	336	12.73	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01LX5 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808L Dilution Factor : 5
 Date & Time Acquired :: 2017-08-10 17:30:11 DataFile Name : 069SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	8	17	28	96.44	cps
Antimony	121-1	4926	4884	4676	4829	2.77	cps
Arsenic	75-2	2021	2022	1959	2001	1.79	cps
Barium	135-1	41575	41299	41783	41552	0.59	cps
Barium	137-1	73999	73404	74267	73890	0.60	cps
Beryllium	9-1	144	122	128	131	8.80	cps
Bismuth	209-1	3937830	3968385	3915586	3940600	0.67	cps
Bismuth	209-2	1582328	1566290	1576606	1575075	0.52	cps
Boron	10-1	7886	8028	8978	8297	7.16	cps
Boron	11-1	38411	39873	39355	39213	1.89	cps
Cadmium	111-1	1014	917	896	942	6.69	cps
Cadmium	106-1	1433	1308	1267	1336	6.49	cps
Cadmium	108-1	8	17	4	10	65.47	cps
Calcium	43-1	496246	492576	494457	494426	0.37	cps
Calcium	44-1	8082045	7995762	8069962	8049257	0.58	cps
Chromium	52-2	1357	1317	1497	1390	6.80	cps
Cobalt	59-2	227	243	227	232	4.14	cps
Copper	63-2	1473	1443	1340	1419	4.93	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	42	58	42	47	20.38	cps
Gadolinium	160-2	10	10	0	7	86.60	cps
Holmium	165-1	6843214	6723080	6766176	6777490	0.90	cps
Holmium	165-2	2053183	2063582	2062267	2059677	0.27	cps
Indium	115-1	6326196	6310690	6415161	6350682	0.89	cps
Indium	115-2	356462	359681	360242	358795	0.57	cps
Iron	56-2	1214021	1222155	1224831	1220336	0.46	cps
Iron	57-2	30617	30501	31119	30745	1.07	cps
Lead	206-1	472	356	478	435	15.86	cps
Lead	207-1	294	406	394	365	16.77	cps
Lead	208-1	1683	1650	1733	1689	2.48	cps
Lithium	6-1	1162026	1164406	1156381	1160938	0.36	cps
Magnesium	24-2	101452	100454	99992	100633	0.74	cps
Manganese	55-2	46360	45391	47029	46260	1.78	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 17:30:11	DataFile Name :	069SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	733	833	708	758	8.72	cps
Molybdenum	95-1	1258	1233	1125	1206	5.88	cps
Molybdenum	96-1	1258	1342	1500	1367	8.98	cps
Molybdenum	97-1	783	800	850	811	4.28	cps
Molybdenum	98-1	1950	1867	2034	1950	4.27	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	387	360	357	368	4.47	cps
Phosphorus	31-2	83	8	50	47	79.58	cps
Potassium	39-2	15025	14925	14333	14761	2.54	cps
Rhodium	103-1	6141204	6097783	6110789	6116592	0.36	cps
Rhodium	103-2	1979549	2002034	2009902	1997162	0.79	cps
Scandium	45-1	4289263	4249154	4280753	4273057	0.49	cps
Scandium	45-2	39713	39883	40672	40089	1.28	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	9	2	4	5	78.12	cps
Selenium	82-1	-122	-90	-137	-116	-20.97	cps
Silicon	28-1	9197977	9276155	9120453	9198195	0.85	cps
Silver	109-1	783	850	725	786	7.96	cps
Silver	107-1	867	825	767	820	6.13	cps
Sodium	23-2	722939	721209	728664	724271	0.54	cps
Strontium	86-1	268518	269151	269674	269114	0.22	cps
Strontium	88-1	2384655	2341940	2326076	2350890	1.29	cps
Sulfur	34-1	413042	416081	413215	414113	0.41	cps
Terbium	159-1	7090737	7068275	7105638	7088217	0.27	cps
Terbium	159-2	2009918	1995481	2003183	2002861	0.36	cps
Thallium	203-1	92	8	42	47	88.83	cps
Thallium	205-1	92	158	175	142	31.13	cps
Tin	118-1	1767	1750	1575	1697	6.26	cps
Titanium	47-1	233	258	292	261	11.21	cps
Uranium	238-1	1225	1225	1150	1200	3.61	cps
Vanadium	51-2	97	113	80	97	17.24	cps
Yttrium	89-1	6917351	6930357	6829783	6892497	0.79	cps
Yttrium	89-2	269029	268133	270190	269117	0.38	cps
Zinc	66-2	357	320	350	342	5.71	cps
Zirconium	90-1	442	475	575	497	13.96	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808L	Dilution Factor :	5
Date & Time Acquired ::	2017-08-10 17:30:11	DataFile Name :	069SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	142	92	108	26.65	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-02 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808M Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 17:33:19 DataFile Name : 070SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58128	59333	58479	58647	1.06	cps
Antimony	121-1	4100929	4115146	4064264	4093447	0.64	cps
Arsenic	75-2	68446	68732	67873	68350	0.64	cps
Barium	135-1	4151108	4185384	4184652	4173715	0.47	cps
Barium	137-1	7136970	7155870	7209701	7167513	0.53	cps
Beryllium	9-1	619869	629490	624027	624462	0.77	cps
Bismuth	209-1	3751638	3818502	3805953	3792031	0.94	cps
Bismuth	209-2	1364020	1365518	1361277	1363605	0.16	cps
Boron	10-1	97505	99099	99561	98722	1.09	cps
Boron	11-1	447557	460563	455543	454554	1.44	cps
Cadmium	111-1	868165	881260	880056	876494	0.83	cps
Cadmium	106-1	90109	89865	92096	90690	1.35	cps
Cadmium	108-1	60318	61917	62034	61423	1.56	cps
Calcium	43-1	3149567	3126295	3161160	3145674	0.56	cps
Calcium	44-1	50946836	51125929	51266388	51113051	0.31	cps
Chromium	52-2	500950	502365	505263	502859	0.44	cps
Cobalt	59-2	1043952	1047958	1051195	1047702	0.35	cps
Copper	63-2	1794491	1799939	1820567	1804999	0.76	cps
Dysprosium	156-1	75	167	92	111	43.95	cps
Dysprosium	156-2	17	7	20	14	48.02	cps
Erbium	164-1	3067	3267	3217	3184	3.27	cps
Erbium	164-2	800	767	853	807	5.42	cps
Gadolinium	160-1	358	317	300	325	9.25	cps
Gadolinium	160-2	87	83	67	79	13.58	cps
Holmium	165-1	6600584	6581288	6664669	6615514	0.66	cps
Holmium	165-2	1825342	1826570	1818314	1823409	0.24	cps
Indium	115-1	5708932	5729290	5765027	5734417	0.50	cps
Indium	115-2	297686	299824	299770	299093	0.41	cps
Iron	56-2	20720157	20643232	20753796	20705728	0.27	cps
Iron	57-2	519168	519913	520913	519998	0.17	cps
Lead	206-1	2131633	2187457	2176189	2165093	1.36	cps
Lead	207-1	1916301	1943264	1897564	1919043	1.20	cps
Lead	208-1	8601088	8765167	8708319	8691524	0.96	cps
Lithium	6-1	1181015	1197879	1209516	1196137	1.20	cps
Magnesium	24-2	2102905	2109838	2099438	2104060	0.25	cps
Manganese	55-2	443966	447113	445605	445561	0.35	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-02 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808M Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 17:33:19 DataFile Name : 070SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3248903	3294340	3352614	3298619	1.58	cps
Molybdenum	95-1	1763945	1796052	1778731	1779576	0.90	cps
Molybdenum	96-1	2288924	2305944	2330421	2308430	0.90	cps
Molybdenum	97-1	1057629	1075897	1071664	1068397	0.90	cps
Molybdenum	98-1	2771379	2836777	2828898	2812351	1.27	cps
Neodymium	150-1	100	140	167	136	24.75	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	308103	310783	310434	309774	0.47	cps
Phosphorus	31-2	233	208	167	203	16.61	cps
Potassium	39-2	518827	520713	521012	520184	0.23	cps
Rhodium	103-1	5417178	5566914	5501175	5495089	1.37	cps
Rhodium	103-2	1728832	1749285	1740155	1739424	0.59	cps
Scandium	45-1	3835304	3923575	3857699	3872193	1.19	cps
Scandium	45-2	35264	34726	35141	35044	0.80	cps
Selenium	77-2	373	403	483	420	13.54	cps
Selenium	78-2	1332	1352	1382	1355	1.86	cps
Selenium	82-1	56617	56882	57433	56977	0.73	cps
Silicon	28-1	39789882	39571700	39603173	39654918	0.30	cps
Silver	109-1	4090486	4120930	4114521	4108646	0.39	cps
Silver	107-1	4253248	4267930	4312906	4278028	0.73	cps
Sodium	23-2	7267930	7354803	7332212	7318315	0.62	cps
Strontium	86-1	1189290	1201053	1202364	1197569	0.60	cps
Strontium	88-1	10228064	10323473	10354726	10302088	0.64	cps
Sulfur	34-1	625906	618824	617159	620630	0.75	cps
Terbium	159-1	6878266	6910231	6933867	6907455	0.40	cps
Terbium	159-2	1777799	1795455	1774664	1782639	0.63	cps
Thallium	203-1	2751426	2824600	2803012	2793013	1.35	cps
Thallium	205-1	6410117	6542903	6449745	6467588	1.05	cps
Tin	118-1	2598008	2631963	2645696	2625222	0.94	cps
Titanium	47-1	490058	493322	498202	493861	0.83	cps
Uranium	238-1	7599403	7801231	7853043	7751225	1.73	cps
Vanadium	51-2	359048	361647	366164	362286	0.99	cps
Yttrium	89-1	6349528	6361761	6416737	6376009	0.56	cps
Yttrium	89-2	231352	231830	232553	231912	0.26	cps
Zinc	66-2	150020	150493	150024	150179	0.18	cps
Zirconium	90-1	6349719	6278380	6347047	6325049	0.64	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-02	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:33:19	DataFile Name :	070SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1390899	1414393	1416409	1407234	1.01	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-03 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808M Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 17:36:18 DataFile Name : 071SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59149	59417	58940	59169	0.40	cps
Antimony	121-1	4131936	4098527	4194687	4141717	1.18	cps
Arsenic	75-2	70065	70521	69780	70122	0.53	cps
Barium	135-1	4214311	4205476	4215646	4211811	0.13	cps
Barium	137-1	7184208	7068242	7172318	7141589	0.89	cps
Beryllium	9-1	630949	627726	627346	628674	0.31	cps
Bismuth	209-1	3765775	3745465	3774455	3761898	0.40	cps
Bismuth	209-2	1378997	1373742	1371611	1374783	0.28	cps
Boron	10-1	100912	100090	101927	100976	0.91	cps
Boron	11-1	451333	452863	465537	456578	1.71	cps
Cadmium	111-1	890026	888950	897330	892102	0.51	cps
Cadmium	106-1	91887	91468	92088	91814	0.34	cps
Cadmium	108-1	61586	62628	62021	62078	0.84	cps
Calcium	43-1	3143808	3115904	3146910	3135541	0.54	cps
Calcium	44-1	50789489	50663787	50728914	50727396	0.12	cps
Chromium	52-2	512035	509888	515153	512359	0.52	cps
Cobalt	59-2	1070136	1058441	1064827	1064468	0.55	cps
Copper	63-2	1839472	1819590	1792836	1817299	1.29	cps
Dysprosium	156-1	108	150	117	125	17.64	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	3059	3367	3584	3337	7.91	cps
Erbium	164-2	777	767	837	793	4.77	cps
Gadolinium	160-1	300	383	317	333	13.23	cps
Gadolinium	160-2	90	80	77	82	8.44	cps
Holmium	165-1	6595133	6717195	6750313	6687547	1.22	cps
Holmium	165-2	1855141	1840285	1844123	1846516	0.42	cps
Indium	115-1	5679405	5752133	5810667	5747402	1.14	cps
Indium	115-2	303606	299950	298346	300634	0.90	cps
Iron	56-2	20657351	20734630	20571307	20654429	0.40	cps
Iron	57-2	521687	518001	509733	516474	1.19	cps
Lead	206-1	2179561	2171657	2220757	2190658	1.20	cps
Lead	207-1	1949281	1921331	1963615	1944742	1.11	cps
Lead	208-1	8750265	8710857	8923019	8794714	1.28	cps
Lithium	6-1	1183408	1173577	1190606	1182530	0.72	cps
Magnesium	24-2	2118850	2137394	2110831	2122358	0.64	cps
Manganese	55-2	449512	448949	442504	446989	0.87	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-03 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808M Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 17:36:18 DataFile Name : 071SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3322329	3327077	3376733	3342046	0.90	cps
Molybdenum	95-1	1788851	1800575	1797678	1795701	0.34	cps
Molybdenum	96-1	2285284	2331926	2329378	2315530	1.13	cps
Molybdenum	97-1	1078201	1068289	1080720	1075736	0.61	cps
Molybdenum	98-1	2807324	2818253	2847570	2824382	0.74	cps
Neodymium	150-1	60	160	140	120	44.10	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	321330	316895	314258	317494	1.13	cps
Phosphorus	31-2	200	200	108	169	31.23	cps
Potassium	39-2	522711	524061	524597	523790	0.19	cps
Rhodium	103-1	5496535	5465207	5548634	5503459	0.77	cps
Rhodium	103-2	1785231	1734110	1764937	1761426	1.46	cps
Scandium	45-1	3896791	3869302	3906233	3890775	0.49	cps
Scandium	45-2	35502	35171	34950	35208	0.79	cps
Selenium	77-2	357	403	450	403	11.57	cps
Selenium	78-2	1417	1448	1345	1403	3.79	cps
Selenium	82-1	57535	57790	58027	57784	0.43	cps
Silicon	28-1	39346677	39060592	39388414	39265228	0.45	cps
Silver	109-1	4146082	4115989	4154835	4138969	0.49	cps
Silver	107-1	4340501	4354703	4316926	4337377	0.44	cps
Sodium	23-2	7413652	7334477	7325054	7357728	0.66	cps
Strontium	86-1	1187109	1194617	1193143	1191623	0.33	cps
Strontium	88-1	10169930	10170504	10240644	10193693	0.40	cps
Sulfur	34-1	605714	599951	598299	601321	0.65	cps
Terbium	159-1	6872824	6869488	6804407	6848906	0.56	cps
Terbium	159-2	1794971	1765029	1783738	1781246	0.85	cps
Thallium	203-1	2798318	2802154	2894676	2831716	1.93	cps
Thallium	205-1	6425767	6516665	6588340	6510257	1.25	cps
Tin	118-1	2631589	2665938	2685335	2660954	1.02	cps
Titanium	47-1	495435	498495	497305	497078	0.31	cps
Uranium	238-1	7809997	7772868	7872790	7818551	0.65	cps
Vanadium	51-2	370553	369840	370795	370396	0.13	cps
Yttrium	89-1	6295080	6389005	6334664	6339583	0.74	cps
Yttrium	89-2	235414	232518	233420	233784	0.63	cps
Zinc	66-2	152703	150408	150233	151115	0.91	cps
Zirconium	90-1	6362819	6382989	6423147	6389651	0.48	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-03	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808M	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:36:18	DataFile Name :	071SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1421632	1427044	1415441	1421372	0.41	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01A Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808A Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 17:39:18 DataFile Name : 072SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59718	60680	60037	60145	0.82	cps
Antimony	121-1	4174311	4202693	4185914	4187639	0.34	cps
Arsenic	75-2	70471	70363	69950	70261	0.39	cps
Barium	135-1	4229141	4248081	4276244	4251155	0.56	cps
Barium	137-1	7207207	7273806	7349544	7276852	0.98	cps
Beryllium	9-1	632013	633414	637479	634302	0.45	cps
Bismuth	209-1	3709872	3814705	3751101	3758559	1.41	cps
Bismuth	209-2	1375880	1376414	1374073	1375456	0.09	cps
Boron	10-1	101692	101558	105368	102873	2.10	cps
Boron	11-1	455634	465412	475723	465590	2.16	cps
Cadmium	111-1	888681	899133	895991	894602	0.60	cps
Cadmium	106-1	90444	94614	92919	92659	2.26	cps
Cadmium	108-1	62566	63298	62092	62652	0.97	cps
Calcium	43-1	3186239	3211385	3216253	3204626	0.50	cps
Calcium	44-1	51696852	51816955	52000274	51838027	0.29	cps
Chromium	52-2	517392	517789	517880	517687	0.05	cps
Cobalt	59-2	1072777	1075948	1074317	1074347	0.15	cps
Copper	63-2	1853573	1848874	1830345	1844264	0.67	cps
Dysprosium	156-1	67	117	117	100	28.87	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	3592	3384	3592	3523	3.42	cps
Erbium	164-2	803	843	890	846	5.13	cps
Gadolinium	160-1	342	392	333	356	8.87	cps
Gadolinium	160-2	60	83	77	73	16.39	cps
Holmium	165-1	6620002	6673665	6638195	6643954	0.41	cps
Holmium	165-2	1843213	1847182	1827730	1839375	0.56	cps
Indium	115-1	5749415	5763764	5726997	5746726	0.32	cps
Indium	115-2	301579	299790	304138	301836	0.72	cps
Iron	56-2	21002263	20980462	21225662	21069462	0.64	cps
Iron	57-2	530974	531215	532615	531601	0.17	cps
Lead	206-1	2196908	2208660	2245070	2216879	1.13	cps
Lead	207-1	1960175	1963975	1982495	1968881	0.61	cps
Lead	208-1	8781714	8896117	8948952	8875594	0.96	cps
Lithium	6-1	1168282	1168032	1159404	1165240	0.43	cps
Magnesium	24-2	2145801	2145452	2168952	2153402	0.63	cps
Manganese	55-2	453900	456150	453182	454411	0.34	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01A Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808A Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 17:39:18 DataFile Name : 072SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3393400	3396083	3401015	3396833	0.11	cps
Molybdenum	95-1	1811481	1828720	1814941	1818381	0.50	cps
Molybdenum	96-1	2346241	2379179	2339571	2354997	0.90	cps
Molybdenum	97-1	1085158	1098354	1090490	1091334	0.61	cps
Molybdenum	98-1	2842584	2913946	2862849	2873126	1.28	cps
Neodymium	150-1	153	133	120	136	12.37	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	320752	319765	318685	319734	0.32	cps
Phosphorus	31-2	167	225	192	194	15.05	cps
Potassium	39-2	529805	531974	528990	530257	0.29	cps
Rhodium	103-1	5474788	5560519	5550481	5528596	0.85	cps
Rhodium	103-2	1770579	1772662	1759177	1767473	0.41	cps
Scandium	45-1	3900961	3957294	3887391	3915215	0.95	cps
Scandium	45-2	35248	36220	35341	35603	1.51	cps
Selenium	77-2	470	390	393	418	10.83	cps
Selenium	78-2	1424	1356	1398	1393	2.48	cps
Selenium	82-1	58740	58409	58298	58482	0.39	cps
Silicon	28-1	39956140	39882232	40742506	40193626	1.19	cps
Silver	109-1	4216752	4197745	4231640	4215379	0.40	cps
Silver	107-1	4380802	4375427	4409063	4388430	0.41	cps
Sodium	23-2	7492835	7430904	7486419	7470053	0.46	cps
Strontium	86-1	1210375	1225329	1230184	1221963	0.84	cps
Strontium	88-1	10432896	10581573	10551686	10522052	0.75	cps
Sulfur	34-1	610284	610952	609272	610170	0.14	cps
Terbium	159-1	6840508	6999035	6845984	6895176	1.31	cps
Terbium	159-2	1764888	1813145	1797375	1791803	1.37	cps
Thallium	203-1	2822765	2838551	2863248	2841521	0.72	cps
Thallium	205-1	6469525	6548640	6560434	6526200	0.76	cps
Tin	118-1	2688072	2718938	2676091	2694367	0.82	cps
Titanium	47-1	500660	503434	505146	503080	0.45	cps
Uranium	238-1	7810585	7942849	7939988	7897807	0.96	cps
Vanadium	51-2	373572	372860	372315	372916	0.17	cps
Yttrium	89-1	6369516	6419446	6343142	6377368	0.61	cps
Yttrium	89-2	234793	233384	233864	234014	0.31	cps
Zinc	66-2	154435	152127	151820	152794	0.94	cps
Zirconium	90-1	6450377	6559813	6495860	6502017	0.85	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01A	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808A	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:39:18	DataFile Name :	072SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1437333	1450817	1442503	1443551	0.47	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-04	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:42:17	DataFile Name :	073SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	67	25	78	76.02	cps
Antimony	121-1	11531	12281	11831	11881	3.18	cps
Arsenic	75-2	915	880	865	886	2.90	cps
Barium	135-1	173608	176411	177271	175763	1.09	cps
Barium	137-1	301040	306673	307334	305015	1.13	cps
Beryllium	9-1	339	417	344	367	11.83	cps
Bismuth	209-1	3814992	3797882	3849952	3820942	0.69	cps
Bismuth	209-2	1389268	1375640	1389898	1384935	0.58	cps
Boron	10-1	63131	62746	65667	63848	2.49	cps
Boron	11-1	294392	302000	304160	300184	1.71	cps
Cadmium	111-1	905	1176	985	1022	13.66	cps
Cadmium	106-1	992	1233	1033	1086	11.90	cps
Cadmium	108-1	21	29	25	25	16.68	cps
Calcium	43-1	2938359	2906807	2896407	2913858	0.75	cps
Calcium	44-1	46674350	47009652	47206368	46963457	0.57	cps
Chromium	52-2	1347	1387	1303	1346	3.10	cps
Cobalt	59-2	807	880	827	838	4.53	cps
Copper	63-2	5241	5231	5088	5187	1.65	cps
Dysprosium	156-1	125	83	117	108	20.35	cps
Dysprosium	156-2	13	33	20	22	45.83	cps
Erbium	164-1	167	167	108	147	22.88	cps
Erbium	164-2	33	40	40	38	10.19	cps
Gadolinium	160-1	117	125	108	117	7.14	cps
Gadolinium	160-2	43	27	63	44	41.30	cps
Holmium	165-1	6597150	6670544	6662261	6643318	0.61	cps
Holmium	165-2	1878258	1865839	1857966	1867354	0.55	cps
Indium	115-1	5834950	5890869	5931581	5885800	0.82	cps
Indium	115-2	311644	310778	312053	311492	0.21	cps
Iron	56-2	1810271	1798949	1774860	1794694	1.01	cps
Iron	57-2	44165	44655	43920	44247	0.85	cps
Lead	206-1	1684	1656	1734	1691	2.33	cps
Lead	207-1	1439	1295	1500	1411	7.48	cps
Lead	208-1	6734	6423	6840	6666	3.25	cps
Lithium	6-1	1149971	1177264	1188869	1172034	1.70	cps
Magnesium	24-2	815610	807842	815541	812997	0.55	cps
Manganese	55-2	102207	100337	100790	101112	0.96	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-04	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:42:17	DataFile Name :	073SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4343	4084	4218	4215	3.07	cps
Molybdenum	95-1	6285	6752	6327	6455	4.00	cps
Molybdenum	96-1	7261	6894	7152	7102	2.65	cps
Molybdenum	97-1	4234	4234	4251	4240	0.23	cps
Molybdenum	98-1	10855	10613	10871	10780	1.34	cps
Neodymium	150-1	67	60	60	62	6.19	cps
Neodymium	150-2	27	3	10	13	90.16	cps
Nickel	60-2	767	623	613	668	12.85	cps
Phosphorus	31-2	92	75	50	72	29.04	cps
Potassium	39-2	43134	42733	44237	43368	1.80	cps
Rhodium	103-1	5533769	5612867	5650932	5599189	1.07	cps
Rhodium	103-2	1802949	1770123	1776337	1783136	0.98	cps
Scandium	45-1	3946859	3973415	3989749	3970008	0.55	cps
Scandium	45-2	35732	35716	35679	35709	0.08	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	7	6	6	17.29	cps
Selenium	82-1	32	-19	3	5	467.08	cps
Silicon	28-1	37506447	37608263	37479879	37531530	0.18	cps
Silver	109-1	2167	2317	2309	2264	3.72	cps
Silver	107-1	2534	2417	2375	2442	3.36	cps
Sodium	23-2	7018126	6863621	6934662	6938803	1.11	cps
Strontium	86-1	1940827	1963034	1943286	1949049	0.62	cps
Strontium	88-1	16353129	16691239	16666020	16570130	1.14	cps
Sulfur	34-1	1360086	1355784	1334547	1350139	1.01	cps
Terbium	159-1	6969211	6947594	6905216	6940673	0.47	cps
Terbium	159-2	1810304	1782772	1788441	1793839	0.81	cps
Thallium	203-1	350	358	383	364	4.77	cps
Thallium	205-1	1058	975	867	967	9.94	cps
Tin	118-1	18731	19206	18230	18722	2.61	cps
Titanium	47-1	833	692	908	811	13.57	cps
Uranium	238-1	186617	191113	191750	189827	1.47	cps
Vanadium	51-2	323	337	360	340	5.46	cps
Yttrium	89-1	6428589	6478246	6409266	6438700	0.55	cps
Yttrium	89-2	237061	233808	234011	234960	0.78	cps
Zinc	66-2	883	1037	973	964	7.99	cps
Zirconium	90-1	1942	1567	1859	1789	11.01	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-04	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:42:17	DataFile Name :	073SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	433	558	383	458	19.67	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:45:24	DataFile Name :	074CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	366039	364748	367098	365962	0.32	cps
Antimony	121-1	4638941	4668379	4670257	4659192	0.38	cps
Arsenic	75-2	66877	66654	66656	66729	0.19	cps
Barium	135-1	4449086	4433708	4404350	4429048	0.51	cps
Barium	137-1	7548119	7583553	7569170	7566948	0.24	cps
Beryllium	9-1	715763	719834	721549	719049	0.41	cps
Bismuth	209-1	3499084	3767160	3878106	3714783	5.25	cps
Bismuth	209-2	1569375	1560969	1559883	1563409	0.33	cps
Boron	10-1	85648	87483	88305	87145	1.56	cps
Boron	11-1	395277	400123	403000	399467	0.98	cps
Cadmium	111-1	922669	929933	927682	926761	0.40	cps
Cadmium	106-1	97611	96108	97056	96925	0.78	cps
Cadmium	108-1	64491	65513	64914	64972	0.79	cps
Calcium	43-1	5437228	5470008	5467814	5458350	0.34	cps
Calcium	44-1	88361467	88892617	89017781	88757288	0.39	cps
Chromium	52-2	553759	552266	549313	551779	0.41	cps
Cobalt	59-2	1139118	1138569	1134663	1137450	0.21	cps
Copper	63-2	1964321	1981063	1943197	1962861	0.97	cps
Dysprosium	156-1	67	100	108	92	24.05	cps
Dysprosium	156-2	20	30	17	22	31.22	cps
Erbium	164-1	33	42	17	31	41.66	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	108	158	50	106	51.37	cps
Gadolinium	160-2	13	10	23	16	44.60	cps
Holmium	165-1	6285252	6768059	6953471	6668927	5.17	cps
Holmium	165-2	2164016	2143653	2134480	2147383	0.70	cps
Indium	115-1	5602890	6099719	6190533	5964381	5.30	cps
Indium	115-2	355850	359798	356855	357501	0.57	cps
Iron	56-2	88123177	87574499	86790030	87495902	0.77	cps
Iron	57-2	2277414	2243312	2227064	2249263	1.14	cps
Lead	206-1	2236285	2195047	2202016	2211116	1.00	cps
Lead	207-1	1946959	1938211	1953071	1946080	0.38	cps
Lead	208-1	8831287	8803418	8809246	8814650	0.17	cps
Lithium	6-1	1061476	1155377	1178533	1131795	5.48	cps
Magnesium	24-2	9127646	9110800	9114779	9117742	0.10	cps
Manganese	55-2	302318	302796	301835	302316	0.16	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:45:24	DataFile Name :	074CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3612597	3681082	3627576	3640419	0.99	cps
Molybdenum	95-1	2002449	1999999	2019318	2007256	0.52	cps
Molybdenum	96-1	2583870	2605926	2606802	2598866	0.50	cps
Molybdenum	97-1	1204076	1208495	1193560	1202044	0.64	cps
Molybdenum	98-1	3131082	3167770	3110524	3136459	0.92	cps
Neodymium	150-1	167	107	200	158	29.98	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	330970	330949	330379	330766	0.10	cps
Phosphorus	31-2	6093	5585	5318	5665	6.95	cps
Potassium	39-2	2865015	2855410	2890155	2870193	0.63	cps
Rhodium	103-1	5430433	5812200	5987855	5743496	4.96	cps
Rhodium	103-2	1967992	1960149	1950256	1959465	0.45	cps
Scandium	45-1	4007456	4327711	4445420	4260196	5.32	cps
Scandium	45-2	42437	40629	42203	41756	2.36	cps
Selenium	77-2	447	480	507	478	6.29	cps
Selenium	78-2	1600	1589	1608	1599	0.58	cps
Selenium	82-1	60910	60953	61151	61005	0.21	cps
Silicon	28-1	2281308	2295487	2306315	2294370	0.55	cps
Silver	109-1	4427622	4510682	4461090	4466465	0.94	cps
Silver	107-1	4671348	4712577	4672812	4685579	0.50	cps
Sodium	23-2	22789633	22871802	22598169	22753201	0.62	cps
Strontium	86-1	1273014	1266954	1272210	1270726	0.26	cps
Strontium	88-1	10825046	10979054	10984513	10929537	0.83	cps
Sulfur	34-1	688082	691091	689328	689500	0.22	cps
Terbium	159-1	6548396	7100920	7273986	6974434	5.43	cps
Terbium	159-2	2090625	2074400	2043537	2069521	1.16	cps
Thallium	203-1	2743540	2731924	2743313	2739592	0.24	cps
Thallium	205-1	6416564	6341659	6412281	6390168	0.66	cps
Tin	118-1	3043646	3024729	2997626	3022000	0.77	cps
Titanium	47-1	572651	587484	580659	580264	1.28	cps
Uranium	238-1	7945663	8035769	7986783	7989405	0.56	cps
Vanadium	51-2	412397	411171	409768	411112	0.32	cps
Yttrium	89-1	6408689	6884524	7101808	6798341	5.21	cps
Yttrium	89-2	279458	278554	277459	278491	0.36	cps
Zinc	66-2	173368	172481	171829	172559	0.45	cps
Zirconium	90-1	6956198	7095612	7023902	7025237	0.99	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P8
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:45:24	DataFile Name :	074CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1545767	1562663	1563604	1557345	0.64	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:48:23	DataFile Name :	075CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	42	42	20.00	cps
Antimony	121-1	2200	2167	1884	2084	8.35	cps
Arsenic	75-2	13	9	4	9	53.95	cps
Barium	135-1	92	117	58	89	32.92	cps
Barium	137-1	200	75	58	111	69.68	cps
Beryllium	9-1	378	361	233	324	24.39	cps
Bismuth	209-1	3949567	3917341	3931084	3932664	0.41	cps
Bismuth	209-2	1631770	1624794	1612574	1623046	0.60	cps
Boron	10-1	4559	4042	3701	4101	10.54	cps
Boron	11-1	18938	18738	17228	18301	5.11	cps
Cadmium	111-1	1073	1062	1244	1126	9.07	cps
Cadmium	106-1	1233	1283	1625	1381	15.44	cps
Cadmium	108-1	17	17	21	18	13.30	cps
Calcium	43-1	3025	2467	2425	2639	12.70	cps
Calcium	44-1	47665	45801	46495	46654	2.02	cps
Chromium	52-2	1130	1050	1090	1090	3.67	cps
Cobalt	59-2	43	37	47	42	12.06	cps
Copper	63-2	460	483	547	497	9.03	cps
Dysprosium	156-1	17	42	33	31	41.65	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	58	8	58	42	69.29	cps
Erbium	164-2	13	10	17	13	25.01	cps
Gadolinium	160-1	108	33	83	75	50.92	cps
Gadolinium	160-2	20	10	10	13	43.30	cps
Holmium	165-1	6867749	6757146	6849958	6824951	0.87	cps
Holmium	165-2	2141016	2138309	2143625	2140983	0.12	cps
Indium	115-1	6493480	6474840	6505519	6491279	0.24	cps
Indium	115-2	387460	383536	384048	385015	0.55	cps
Iron	56-2	4101	3995	3901	3999	2.50	cps
Iron	57-2	139	122	144	135	8.55	cps
Lead	206-1	439	456	444	446	1.90	cps
Lead	207-1	439	422	322	394	16.00	cps
Lead	208-1	1678	1745	1845	1756	4.78	cps
Lithium	6-1	1246711	1227138	1207750	1227199	1.59	cps
Magnesium	24-2	267	150	125	181	41.88	cps
Manganese	55-2	107	130	103	113	12.82	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:48:23	DataFile Name :	075CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	642	500	458	533	18.02	cps
Molybdenum	95-1	308	258	167	244	29.39	cps
Molybdenum	96-1	533	308	333	392	31.49	cps
Molybdenum	97-1	250	225	250	242	5.97	cps
Molybdenum	98-1	492	375	408	425	14.14	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	127	110	108	18.64	cps
Phosphorus	31-2	0	25	17	14	91.65	cps
Potassium	39-2	3476	3517	3109	3367	6.68	cps
Rhodium	103-1	6256124	6263193	6315603	6278307	0.52	cps
Rhodium	103-2	2134783	2121038	2115796	2123873	0.46	cps
Scandium	45-1	4434435	4427247	4453354	4438345	0.30	cps
Scandium	45-2	42642	42915	42631	42729	0.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	7	4	4	65.54	cps
Selenium	82-1	36	10	-95	-16	-430.64	cps
Silicon	28-1	415023	417353	418352	416909	0.41	cps
Silver	109-1	808	842	817	822	2.11	cps
Silver	107-1	983	742	875	867	13.97	cps
Sodium	23-2	6543	6952	6785	6760	3.04	cps
Strontium	86-1	1534	1350	1183	1356	12.92	cps
Strontium	88-1	867	717	550	711	22.28	cps
Sulfur	34-1	345340	349338	349064	347914	0.64	cps
Terbium	159-1	7178927	7130196	7184688	7164603	0.42	cps
Terbium	159-2	2099183	2109307	2064872	2091121	1.11	cps
Thallium	203-1	550	383	250	394	38.11	cps
Thallium	205-1	675	633	642	650	3.39	cps
Tin	118-1	1175	1008	958	1047	10.83	cps
Titanium	47-1	117	258	158	178	40.96	cps
Uranium	238-1	217	67	67	117	74.23	cps
Vanadium	51-2	27	17	17	20	28.86	cps
Yttrium	89-1	7082261	7060023	7137794	7093359	0.56	cps
Yttrium	89-2	286443	288725	284805	286657	0.69	cps
Zinc	66-2	140	100	137	126	17.68	cps
Zirconium	90-1	875	833	1008	906	10.10	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P8
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:48:23	DataFile Name :	075CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	200	200	214	11.25	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : PB101424BL Instrumnet Name : P8
 Client Sample ID : PB101424BL Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 17:51:31 DataFile Name : 076CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	17	25	33.32	cps
Antimony	121-1	817	792	825	811	2.14	cps
Arsenic	75-2	6	4	4	4	24.86	cps
Barium	135-1	25	58	33	39	44.62	cps
Barium	137-1	83	50	83	72	26.65	cps
Beryllium	9-1	200	217	300	239	22.43	cps
Bismuth	209-1	3791171	3727973	3720308	3746484	1.04	cps
Bismuth	209-2	1587431	1592925	1588438	1589598	0.18	cps
Boron	10-1	2750	2575	2642	2656	3.33	cps
Boron	11-1	12398	11939	12089	12142	1.93	cps
Cadmium	111-1	1018	977	877	957	7.61	cps
Cadmium	106-1	1350	1275	1192	1272	6.23	cps
Cadmium	108-1	8	17	17	14	34.67	cps
Calcium	43-1	2417	2442	2517	2459	2.12	cps
Calcium	44-1	43979	43602	43585	43722	0.51	cps
Chromium	52-2	1183	1097	1163	1148	3.95	cps
Cobalt	59-2	53	27	30	37	39.62	cps
Copper	63-2	467	363	403	411	12.67	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	25	8	25	19	49.50	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	58	17	92	56	67.63	cps
Gadolinium	160-2	0	10	3	4	114.60	cps
Holmium	165-1	6524326	6480807	6534191	6513108	0.44	cps
Holmium	165-2	2107262	2104564	2097247	2103024	0.25	cps
Indium	115-1	6196731	6291142	6272824	6253566	0.80	cps
Indium	115-2	377795	374873	376252	376307	0.39	cps
Iron	56-2	4028	3706	3973	3903	4.42	cps
Iron	57-2	139	89	117	115	21.82	cps
Lead	206-1	444	356	350	383	13.83	cps
Lead	207-1	450	339	372	387	14.73	cps
Lead	208-1	1689	1650	1700	1680	1.56	cps
Lithium	6-1	1184160	1186894	1192223	1187759	0.35	cps
Magnesium	24-2	192	133	100	142	32.75	cps
Manganese	55-2	130	117	127	124	5.57	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101424BL	Instrumnet Name :	P8
Client Sample ID :	PB101424BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:51:31	DataFile Name :	076CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	367	267	292	22.68	cps
Molybdenum	95-1	58	67	75	67	12.49	cps
Molybdenum	96-1	192	158	225	192	17.39	cps
Molybdenum	97-1	142	158	133	144	8.81	cps
Molybdenum	98-1	133	100	75	103	28.48	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	103	97	110	16.03	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	3626	3367	3509	3501	3.70	cps
Rhodium	103-1	6105444	6097212	6042809	6081821	0.56	cps
Rhodium	103-2	2099713	2067258	2039549	2068840	1.46	cps
Scandium	45-1	4380560	4336569	4344375	4353835	0.54	cps
Scandium	45-2	41916	41357	42063	41779	0.89	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	9	9	2	7	63.01	cps
Selenium	82-1	-178	16	-44	-69	-143.70	cps
Silicon	28-1	414653	414080	462164	430299	6.41	cps
Silver	109-1	550	475	575	533	9.76	cps
Silver	107-1	483	642	492	539	16.53	cps
Sodium	23-2	5718	5826	5918	5821	1.72	cps
Strontium	86-1	1400	1292	1200	1297	7.72	cps
Strontium	88-1	500	317	375	397	23.58	cps
Sulfur	34-1	360799	356917	360087	359267	0.58	cps
Terbium	159-1	6880132	6868830	6922641	6890534	0.41	cps
Terbium	159-2	2055178	2050973	2022280	2042810	0.88	cps
Thallium	203-1	158	108	150	139	19.29	cps
Thallium	205-1	300	400	492	397	24.13	cps
Tin	118-1	892	850	792	845	5.95	cps
Titanium	47-1	167	167	117	150	19.25	cps
Uranium	238-1	67	83	17	56	62.45	cps
Vanadium	51-2	20	27	37	28	30.20	cps
Yttrium	89-1	6873142	6904111	6847795	6875016	0.41	cps
Yttrium	89-2	281433	279148	280882	280488	0.43	cps
Zinc	66-2	103	123	110	112	9.07	cps
Zirconium	90-1	625	792	667	694	12.49	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101424BL	Instrumnet Name :	P8
Client Sample ID :	PB101424BL	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:51:31	DataFile Name :	076CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	142	167	153	8.33	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101424BS	Instrumnet Name :	P8
Client Sample ID :	PB101424BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:54:40	DataFile Name :	077LCS6_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71162	71933	70576	71224	0.96	cps
Antimony	121-1	4207571	4199597	4146826	4184665	0.79	cps
Arsenic	75-2	66241	65750	66032	66008	0.37	cps
Barium	135-1	4273941	4266408	4251654	4264001	0.27	cps
Barium	137-1	7247993	7209765	7246987	7234915	0.30	cps
Beryllium	9-1	715303	706090	706270	709221	0.74	cps
Bismuth	209-1	3841833	3897019	3849749	3862867	0.77	cps
Bismuth	209-2	1574021	1587665	1582199	1581295	0.43	cps
Boron	10-1	80233	81816	82873	81641	1.63	cps
Boron	11-1	369290	379377	381507	376725	1.73	cps
Cadmium	111-1	917092	911650	920200	916314	0.47	cps
Cadmium	106-1	96050	97819	97534	97134	0.98	cps
Cadmium	108-1	65630	63767	64771	64723	1.44	cps
Calcium	43-1	1076329	1070778	1072450	1073186	0.27	cps
Calcium	44-1	17501978	17524744	17494347	17507023	0.09	cps
Chromium	52-2	545910	544109	539435	543151	0.62	cps
Cobalt	59-2	1140625	1133203	1132653	1135494	0.39	cps
Copper	63-2	1986973	1980818	1978400	1982064	0.22	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	8	17	22	78.07	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	67	42	58	56	22.91	cps
Gadolinium	160-2	10	20	13	14	35.26	cps
Holmium	165-1	6719279	6707374	6745241	6723965	0.29	cps
Holmium	165-2	2120474	2090765	2101812	2104351	0.71	cps
Indium	115-1	6200763	6188474	6207525	6198921	0.16	cps
Indium	115-2	364147	364650	362466	363754	0.31	cps
Iron	56-2	18189462	18157977	18063705	18137048	0.36	cps
Iron	57-2	460380	457914	457332	458542	0.35	cps
Lead	206-1	2090389	2121461	2100876	2104242	0.75	cps
Lead	207-1	1890616	1905849	1860721	1885729	1.22	cps
Lead	208-1	8474685	8531691	8476008	8494128	0.38	cps
Lithium	6-1	1200146	1220692	1208190	1209676	0.86	cps
Magnesium	24-2	1862207	1875206	1859276	1865563	0.45	cps
Manganese	55-2	299035	301179	299807	300007	0.36	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101424BS	Instrumnet Name :	P8
Client Sample ID :	PB101424BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:54:40	DataFile Name :	077LCS6_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3515883	3481891	3473157	3490311	0.65	cps
Molybdenum	95-1	1953851	1900847	1924324	1926341	1.38	cps
Molybdenum	96-1	2468420	2455788	2484771	2469659	0.59	cps
Molybdenum	97-1	1149983	1143458	1152606	1148682	0.41	cps
Molybdenum	98-1	3005133	3008183	3016649	3009988	0.20	cps
Neodymium	150-1	173	127	113	138	22.87	cps
Neodymium	150-2	0	7	13	7	99.98	cps
Nickel	60-2	332976	332798	328811	331528	0.71	cps
Phosphorus	31-2	5151	5810	5835	5599	6.92	cps
Potassium	39-2	579736	573906	572789	575477	0.65	cps
Rhodium	103-1	5986028	6019079	6032335	6012481	0.40	cps
Rhodium	103-2	2012401	1979291	1958612	1983435	1.37	cps
Scandium	45-1	4357742	4365786	4295358	4339629	0.89	cps
Scandium	45-2	41796	41602	41351	41583	0.54	cps
Selenium	77-2	440	467	437	448	3.67	cps
Selenium	78-2	1672	1622	1576	1624	2.97	cps
Selenium	82-1	59644	59734	60573	59984	0.85	cps
Silicon	28-1	2207118	2221771	2216096	2214995	0.33	cps
Silver	109-1	4448305	4398055	4458187	4434849	0.73	cps
Silver	107-1	4644419	4677509	4647478	4656469	0.39	cps
Sodium	23-2	4578728	4636449	4553473	4589550	0.93	cps
Strontium	86-1	1198486	1192516	1194570	1195191	0.25	cps
Strontium	88-1	10267475	10252730	10278186	10266131	0.12	cps
Sulfur	34-1	685792	683534	684887	684738	0.17	cps
Terbium	159-1	7051146	7019006	7022397	7030850	0.25	cps
Terbium	159-2	2043368	2033770	2020915	2032684	0.55	cps
Thallium	203-1	2620055	2634292	2604901	2619749	0.56	cps
Thallium	205-1	6082510	6137304	6062163	6093993	0.64	cps
Tin	118-1	2950002	2958531	2933190	2947241	0.44	cps
Titanium	47-1	561446	563509	563612	562856	0.22	cps
Uranium	238-1	7375867	7461937	7402697	7413500	0.59	cps
Vanadium	51-2	403716	402761	401654	402710	0.26	cps
Yttrium	89-1	6966040	6844773	6939246	6916686	0.92	cps
Yttrium	89-2	279610	276436	276019	277355	0.71	cps
Zinc	66-2	177550	174245	173789	175195	1.17	cps
Zirconium	90-1	6656951	6629845	6706260	6664352	0.58	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	PB101424BS	Instrumnet Name :	P8
Client Sample ID :	PB101424BS	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:54:40	DataFile Name :	077LCS6_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1506824	1490816	1495737	1497792	0.55	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-05 Instrumnet Name : P8
 Client Sample ID : SS042MW007-170809 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 17:57:39 DataFile Name : 078SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	333	275	314	10.73	cps
Antimony	121-1	33360	28815	26694	29623	11.50	cps
Arsenic	75-2	1656	1576	1593	1608	2.61	cps
Barium	135-1	239700	243572	244594	242622	1.06	cps
Barium	137-1	417355	422697	423869	421307	0.82	cps
Beryllium	9-1	317	294	289	300	4.90	cps
Bismuth	209-1	3777572	3792449	3751746	3773922	0.55	cps
Bismuth	209-2	1382938	1371667	1378588	1377731	0.41	cps
Boron	10-1	37116	38218	39564	38299	3.20	cps
Boron	11-1	176200	180286	180412	178966	1.34	cps
Cadmium	111-1	1127	1151	1087	1121	2.87	cps
Cadmium	106-1	992	1133	1142	1089	7.74	cps
Cadmium	108-1	67	38	42	49	32.45	cps
Calcium	43-1	2524898	2524957	2549186	2533014	0.55	cps
Calcium	44-1	40822107	41095630	40966833	40961523	0.33	cps
Chromium	52-2	1803	1623	1607	1678	6.50	cps
Cobalt	59-2	303	270	207	260	18.89	cps
Copper	63-2	4364	4377	4197	4313	2.33	cps
Dysprosium	156-1	50	67	33	50	33.34	cps
Dysprosium	156-2	20	10	20	17	34.64	cps
Erbium	164-1	67	25	50	47	44.41	cps
Erbium	164-2	27	13	20	20	33.35	cps
Gadolinium	160-1	100	83	133	106	24.12	cps
Gadolinium	160-2	13	13	43	23	74.24	cps
Holmium	165-1	6280336	6399087	6365211	6348211	0.96	cps
Holmium	165-2	1800087	1786865	1797090	1794681	0.39	cps
Indium	115-1	5687850	5766654	5800171	5751558	1.00	cps
Indium	115-2	306997	303745	306433	305725	0.57	cps
Iron	56-2	4347841	4236749	4288004	4290865	1.30	cps
Iron	57-2	107103	105507	106079	106230	0.76	cps
Lead	206-1	1522	1495	1350	1456	6.35	cps
Lead	207-1	1411	1428	1156	1332	11.46	cps
Lead	208-1	6106	5929	5267	5767	7.67	cps
Lithium	6-1	1167482	1171053	1170773	1169769	0.17	cps
Magnesium	24-2	524075	520463	520764	521767	0.38	cps
Manganese	55-2	161255	160874	160264	160798	0.31	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-05	Instrumnet Name :	P8
Client Sample ID :	SS042MW007-170809	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:57:39	DataFile Name :	078SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7252	7969	7202	7475	5.74	cps
Molybdenum	95-1	10805	11122	10955	10960	1.45	cps
Molybdenum	96-1	11797	12523	12598	12306	3.59	cps
Molybdenum	97-1	6960	6844	6860	6888	0.92	cps
Molybdenum	98-1	17395	17228	17904	17509	2.01	cps
Neodymium	150-1	160	127	73	120	36.43	cps
Neodymium	150-2	13	20	10	14	35.26	cps
Nickel	60-2	1013	963	900	959	5.92	cps
Phosphorus	31-2	50	83	8	47	79.58	cps
Potassium	39-2	58180	57703	58071	57984	0.43	cps
Rhodium	103-1	5467024	5468602	5519424	5485016	0.54	cps
Rhodium	103-2	1758142	1737625	1745749	1747172	0.59	cps
Scandium	45-1	3867065	3866895	3862572	3865511	0.07	cps
Scandium	45-2	35278	34098	34155	34510	1.93	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	11	6	0	6	99.97	cps
Selenium	82-1	36	11	28	25	51.40	cps
Silicon	28-1	40173249	40301020	40174353	40216207	0.18	cps
Silver	109-1	2792	2992	3084	2956	5.05	cps
Silver	107-1	3234	2975	3100	3103	4.16	cps
Sodium	23-2	2523139	2493201	2534376	2516905	0.85	cps
Strontium	86-1	1464929	1445622	1431827	1447459	1.15	cps
Strontium	88-1	12270484	12254799	12197703	12240995	0.31	cps
Sulfur	34-1	716626	714767	711014	714136	0.40	cps
Terbium	159-1	6529939	6632273	6683462	6615225	1.18	cps
Terbium	159-2	1748329	1740816	1768946	1752697	0.83	cps
Thallium	203-1	567	317	425	436	28.75	cps
Thallium	205-1	1075	983	733	931	19.00	cps
Tin	118-1	20700	19457	18647	19601	5.28	cps
Titanium	47-1	1250	1200	958	1136	13.73	cps
Uranium	238-1	7853	7719	8020	7864	1.91	cps
Vanadium	51-2	197	200	197	198	0.97	cps
Yttrium	89-1	6249951	6220761	6244103	6238272	0.25	cps
Yttrium	89-2	233232	227127	229886	230081	1.33	cps
Zinc	66-2	1017	1017	1070	1035	2.98	cps
Zirconium	90-1	2400	2192	2392	2328	5.07	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-05	Instrumnet Name :	P8
Client Sample ID :	SS042MW007-170809	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 17:57:39	DataFile Name :	078SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	617	667	608	631	5.00	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-06	Instrumnet Name :	P8
Client Sample ID :	DUP-0429-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:00:44	DataFile Name :	079SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	42	8	50	92.80	cps
Antimony	121-1	18121	18422	18355	18299	0.86	cps
Arsenic	75-2	8655	8782	9148	8862	2.89	cps
Barium	135-1	191721	195776	198001	195166	1.63	cps
Barium	137-1	334128	342348	340222	338899	1.26	cps
Beryllium	9-1	256	178	283	239	22.91	cps
Bismuth	209-1	3830513	3877247	3828472	3845411	0.72	cps
Bismuth	209-2	1411583	1401606	1408077	1407089	0.36	cps
Boron	10-1	32621	32663	33566	32950	1.62	cps
Boron	11-1	149100	151154	151265	150506	0.81	cps
Cadmium	111-1	929	963	1035	976	5.54	cps
Cadmium	106-1	1142	1150	1367	1220	10.46	cps
Cadmium	108-1	17	13	25	18	35.25	cps
Calcium	43-1	2207153	2233577	2225935	2222222	0.61	cps
Calcium	44-1	35572112	35190157	35192568	35318279	0.62	cps
Chromium	52-2	2367	2574	2624	2521	5.40	cps
Cobalt	59-2	1117	1063	1087	1089	2.46	cps
Copper	63-2	4221	4454	4588	4421	4.20	cps
Dysprosium	156-1	25	8	33	22	57.30	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	75	33	33	47	50.95	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	10	10	17	12	31.50	cps
Holmium	165-1	6614696	6651883	6699426	6655335	0.64	cps
Holmium	165-2	1879704	1821260	1818262	1839742	1.88	cps
Indium	115-1	5841194	5935737	5978989	5918640	1.19	cps
Indium	115-2	309477	311360	313230	311356	0.60	cps
Iron	56-2	5237443	5301533	5274349	5271108	0.61	cps
Iron	57-2	132816	132491	132641	132649	0.12	cps
Lead	206-1	1061	1050	950	1020	6.00	cps
Lead	207-1	822	761	906	830	8.74	cps
Lead	208-1	4017	3706	4012	3911	4.55	cps
Lithium	6-1	1169962	1168527	1153759	1164083	0.77	cps
Magnesium	24-2	431196	432834	429919	431317	0.34	cps
Manganese	55-2	196026	195233	194703	195321	0.34	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-06	Instrumnet Name :	P8
Client Sample ID :	DUP-0429-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:00:44	DataFile Name :	079SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3467	3359	3517	3448	2.35	cps
Molybdenum	95-1	5518	5710	5476	5568	2.24	cps
Molybdenum	96-1	5576	5985	6552	6038	8.11	cps
Molybdenum	97-1	3301	3192	3326	3273	2.17	cps
Molybdenum	98-1	8837	8912	9737	9162	5.45	cps
Neodymium	150-1	33	7	0	13	132.28	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1360	1240	1293	1298	4.63	cps
Phosphorus	31-2	142	225	217	194	23.61	cps
Potassium	39-2	51353	48727	51018	50366	2.84	cps
Rhodium	103-1	5551665	5668267	5643769	5621234	1.09	cps
Rhodium	103-2	1814228	1778587	1803582	1798799	1.02	cps
Scandium	45-1	3841822	3897604	3889967	3876465	0.78	cps
Scandium	45-2	35271	35244	35492	35336	0.38	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	6	0	3	91.69	cps
Selenium	82-1	-81	-21	71	-10	-741.30	cps
Silicon	28-1	39032383	38843220	38687487	38854363	0.44	cps
Silver	109-1	1959	1617	1625	1734	11.24	cps
Silver	107-1	2167	2059	1700	1975	12.37	cps
Sodium	23-2	3217444	3220742	3195960	3211382	0.42	cps
Strontium	86-1	1205046	1207092	1204482	1205540	0.11	cps
Strontium	88-1	10358968	10427645	10299886	10362166	0.62	cps
Sulfur	34-1	612403	615640	607860	611967	0.64	cps
Terbium	159-1	6852568	6958216	6982751	6931178	1.00	cps
Terbium	159-2	1804762	1804540	1796387	1801896	0.26	cps
Thallium	203-1	133	217	100	150	40.06	cps
Thallium	205-1	408	358	308	358	13.96	cps
Tin	118-1	12023	14801	12223	13016	11.91	cps
Titanium	47-1	783	717	842	781	8.01	cps
Uranium	238-1	6327	6010	6043	6127	2.84	cps
Vanadium	51-2	260	240	247	249	4.09	cps
Yttrium	89-1	6354202	6375197	6342125	6357175	0.26	cps
Yttrium	89-2	236436	233267	236847	235517	0.83	cps
Zinc	66-2	1297	1233	1297	1276	2.87	cps
Zirconium	90-1	1092	1300	1208	1200	8.70	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-06	Instrumnet Name :	P8
Client Sample ID :	DUP-0429-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:00:44	DataFile Name :	079SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	267	342	328	16.93	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4712-01 Instrumnet Name : P8
 Client Sample ID : WP022RW349-170808 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 18:03:50 DataFile Name : 080SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	650	533	467	550	16.87	cps
Antimony	121-1	10863	11230	10638	10911	2.74	cps
Arsenic	75-2	511	513	522	515	1.15	cps
Barium	135-1	107626	110459	108676	108920	1.31	cps
Barium	137-1	187418	190361	189042	188940	0.78	cps
Beryllium	9-1	239	228	228	231	2.77	cps
Bismuth	209-1	3552336	3534808	3529542	3538895	0.34	cps
Bismuth	209-2	1274579	1287177	1222504	1261420	2.72	cps
Boron	10-1	53509	55307	54747	54521	1.69	cps
Boron	11-1	248770	256274	252823	252623	1.49	cps
Cadmium	111-1	985	918	989	964	4.11	cps
Cadmium	106-1	1575	1475	1584	1545	3.90	cps
Cadmium	108-1	442	425	379	415	7.79	cps
Calcium	43-1	13498039	13514786	13633665	13548830	0.55	cps
Calcium	44-1	219447263	222284922	222458905	221397030	0.76	cps
Chromium	52-2	34202	34553	34907	34554	1.02	cps
Cobalt	59-2	2404	2534	2317	2418	4.51	cps
Copper	63-2	6855	7652	8106	7538	8.40	cps
Dysprosium	156-1	83	117	133	111	22.91	cps
Dysprosium	156-2	37	27	33	32	15.80	cps
Erbium	164-1	75	208	150	144	46.28	cps
Erbium	164-2	30	47	33	37	24.06	cps
Gadolinium	160-1	192	233	167	197	17.08	cps
Gadolinium	160-2	43	60	53	52	16.07	cps
Holmium	165-1	6490271	6480829	6481442	6484181	0.08	cps
Holmium	165-2	1790518	1800245	1727374	1772712	2.23	cps
Indium	115-1	5464997	5493106	5489271	5482458	0.28	cps
Indium	115-2	292905	294515	284813	290744	1.79	cps
Iron	56-2	375222	379109	384321	379551	1.20	cps
Iron	57-2	9242	9982	10037	9754	4.55	cps
Lead	206-1	1945	1856	1861	1887	2.64	cps
Lead	207-1	1761	1700	1806	1756	3.02	cps
Lead	208-1	7773	7590	8096	7820	3.27	cps
Lithium	6-1	984028	1017743	1006797	1002856	1.72	cps
Magnesium	24-2	5205500	5293729	5347537	5282255	1.36	cps
Manganese	55-2	34416	34844	35756	35005	1.96	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-01	Instrumnet Name :	P8
Client Sample ID :	WP022RW349-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:03:50	DataFile Name :	080SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4151	4293	4393	4279	2.84	cps
Molybdenum	95-1	1734	1900	1975	1870	6.62	cps
Molybdenum	96-1	2667	2709	2492	2623	4.38	cps
Molybdenum	97-1	1142	1267	1192	1200	5.24	cps
Molybdenum	98-1	2634	2984	2584	2734	7.97	cps
Neodymium	150-1	173	173	73	140	41.24	cps
Neodymium	150-2	23	43	43	37	31.49	cps
Nickel	60-2	8313	8066	8303	8227	1.70	cps
Phosphorus	31-2	50	75	50	58	24.74	cps
Potassium	39-2	248252	247281	250031	248521	0.56	cps
Rhodium	103-1	5077534	5074846	5026681	5059687	0.57	cps
Rhodium	103-2	1579549	1587334	1515570	1560818	2.52	cps
Scandium	45-1	3676766	3716697	3738744	3710736	0.85	cps
Scandium	45-2	33590	33871	33002	33488	1.32	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	7	6	6	6	17.29	cps
Selenium	82-1	755	840	713	769	8.42	cps
Silicon	28-1	27268077	27666632	27654446	27529718	0.82	cps
Silver	109-1	3817	3759	3851	3809	1.22	cps
Silver	107-1	3551	3626	4226	3801	9.74	cps
Sodium	23-2	305395140	311954957	315333715	310894604	1.63	cps
Strontium	86-1	4495611	4538792	4567557	4533987	0.80	cps
Strontium	88-1	38736557	39333550	39299290	39123132	0.86	cps
Sulfur	34-1	110241761	111694853	112180890	111372501	0.91	cps
Terbium	159-1	6632109	6725961	6723547	6693872	0.80	cps
Terbium	159-2	1714934	1739971	1657153	1704019	2.49	cps
Thallium	203-1	200	133	250	194	30.10	cps
Thallium	205-1	517	475	400	464	12.74	cps
Tin	118-1	8637	9429	9145	9070	4.43	cps
Titanium	47-1	6304	2584	3017	3968	51.26	cps
Uranium	238-1	230153	232228	229618	230666	0.60	cps
Vanadium	51-2	513	630	490	544	13.78	cps
Yttrium	89-1	6077355	6162646	6140272	6126758	0.72	cps
Yttrium	89-2	230041	228234	222249	226841	1.80	cps
Zinc	66-2	2650	2604	2657	2637	1.10	cps
Zirconium	90-1	8736	8503	8970	8737	2.67	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-01	Instrumnet Name :	P8
Client Sample ID :	WP022RW349-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:03:50	DataFile Name :	080SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1900	1742	1900	1847	4.95	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4712-02 Instrumnet Name : P8
 Client Sample ID : WP022RW359-170808 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 18:07:03 DataFile Name : 081SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	158	133	153	11.35	cps
Antimony	121-1	21184	23446	25634	23421	9.50	cps
Arsenic	75-2	1163	1167	1107	1146	2.90	cps
Barium	135-1	54170	54371	55015	54519	0.81	cps
Barium	137-1	94932	95728	94436	95032	0.69	cps
Beryllium	9-1	178	156	178	170	7.53	cps
Bismuth	209-1	3696511	3692284	3715126	3701307	0.33	cps
Bismuth	209-2	1293188	1300646	1196236	1263356	4.61	cps
Boron	10-1	58596	57667	59140	58468	1.27	cps
Boron	11-1	273112	277638	278243	276331	1.01	cps
Cadmium	111-1	14639	14692	14817	14716	0.62	cps
Cadmium	106-1	3176	2859	2950	2995	5.44	cps
Cadmium	108-1	1058	1017	996	1024	3.11	cps
Calcium	43-1	12124710	12175986	12133218	12144638	0.23	cps
Calcium	44-1	196856496	197012634	196443375	196770835	0.15	cps
Chromium	52-2	7329	7125	7289	7248	1.49	cps
Cobalt	59-2	549556	554761	555395	553237	0.58	cps
Copper	63-2	568378	573827	569236	570480	0.51	cps
Dysprosium	156-1	2217	2084	2250	2184	4.04	cps
Dysprosium	156-2	687	733	673	698	4.51	cps
Erbium	164-1	15468	15068	15276	15271	1.31	cps
Erbium	164-2	3877	3861	3704	3814	2.51	cps
Gadolinium	160-1	3209	3126	3151	3162	1.35	cps
Gadolinium	160-2	1063	1163	1007	1078	7.36	cps
Holmium	165-1	6684288	6777189	6802214	6754564	0.92	cps
Holmium	165-2	1804934	1823876	1643629	1757480	5.64	cps
Indium	115-1	5739003	5730099	5657816	5708972	0.78	cps
Indium	115-2	291403	295121	271759	286095	4.39	cps
Iron	56-2	19215548	19205050	19042618	19154405	0.51	cps
Iron	57-2	481986	483498	479547	481677	0.41	cps
Lead	206-1	163016	165368	167990	165458	1.50	cps
Lead	207-1	133882	134489	135520	134630	0.62	cps
Lead	208-1	625034	631100	636553	630896	0.91	cps
Lithium	6-1	1074328	1077929	1061193	1071150	0.82	cps
Magnesium	24-2	4676532	4654328	4569961	4633607	1.21	cps
Manganese	55-2	1176773	1183032	1175671	1178492	0.34	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-02	Instrumnet Name :	P8
Client Sample ID :	WP022RW359-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:07:03	DataFile Name :	081SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	59967	59841	60611	60140	0.69	cps
Molybdenum	95-1	2284	2550	2509	2448	5.86	cps
Molybdenum	96-1	12698	12206	12064	12323	2.70	cps
Molybdenum	97-1	1233	1417	1584	1411	12.41	cps
Molybdenum	98-1	3792	3442	3767	3667	5.33	cps
Neodymium	150-1	787	753	753	764	2.52	cps
Neodymium	150-2	93	147	93	111	27.71	cps
Nickel	60-2	494838	497097	494908	495614	0.26	cps
Phosphorus	31-2	33	50	17	33	49.99	cps
Potassium	39-2	78385	76978	75947	77103	1.59	cps
Rhodium	103-1	5275528	5292147	5314994	5294223	0.37	cps
Rhodium	103-2	1653908	1653912	1525275	1611032	4.61	cps
Scandium	45-1	3828676	3876846	3866777	3857433	0.66	cps
Scandium	45-2	34292	34382	32769	33814	2.68	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	6	9	7	7	24.97	cps
Selenium	82-1	269	253	152	225	28.23	cps
Silicon	28-1	32773787	33073337	32922428	32923184	0.45	cps
Silver	109-1	3117	2925	3184	3076	4.36	cps
Silver	107-1	3509	3359	3459	3442	2.22	cps
Sodium	23-2	114609069	114076128	113039682	113908293	0.70	cps
Strontium	86-1	3577665	3625078	3555730	3586158	0.99	cps
Strontium	88-1	30609651	30642209	30406925	30552928	0.42	cps
Sulfur	34-1	31926541	32117831	32074956	32039776	0.31	cps
Terbium	159-1	6967652	6992770	7003567	6987996	0.26	cps
Terbium	159-2	1739386	1732306	1616221	1695971	4.08	cps
Thallium	203-1	742	700	742	728	3.30	cps
Thallium	205-1	1784	1859	1809	1817	2.10	cps
Tin	118-1	11581	11572	11706	11619	0.64	cps
Titanium	47-1	1033	1334	1242	1203	12.79	cps
Uranium	238-1	139071	139138	140816	139675	0.71	cps
Vanadium	51-2	2924	3127	2814	2955	5.38	cps
Yttrium	89-1	6758984	6839415	6692283	6763561	1.09	cps
Yttrium	89-2	238903	239893	224205	234333	3.75	cps
Zinc	66-2	20589	21433	21023	21015	2.01	cps
Zirconium	90-1	161877	160848	159834	160853	0.63	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-02	Instrumnet Name :	P8
Client Sample ID :	WP022RW359-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:07:03	DataFile Name :	081SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	35397	35305	36358	35687	1.63	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4712-03 Instrumnet Name : P8
 Client Sample ID : WP022MW102-170808 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 18:10:13 DataFile Name : 082SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483	417	450	450	7.41	cps
Antimony	121-1	17253	16361	16553	16722	2.81	cps
Arsenic	75-2	1895	1987	1974	1952	2.57	cps
Barium	135-1	91683	89158	92481	91107	1.90	cps
Barium	137-1	157612	157653	156979	157415	0.24	cps
Beryllium	9-1	222	194	200	206	7.15	cps
Bismuth	209-1	3868626	3791350	3725191	3795056	1.89	cps
Bismuth	209-2	1323310	1316908	1333938	1324719	0.65	cps
Boron	10-1	50724	51610	52982	51772	2.20	cps
Boron	11-1	237172	236645	241977	238598	1.23	cps
Cadmium	111-1	897	933	849	893	4.68	cps
Cadmium	106-1	1225	1258	1158	1214	4.19	cps
Cadmium	108-1	21	33	17	24	36.73	cps
Calcium	43-1	6614288	6510442	6485884	6536872	1.04	cps
Calcium	44-1	107653577	105596040	106761769	106670462	0.97	cps
Chromium	52-2	3637	3450	3347	3478	4.23	cps
Cobalt	59-2	22719	22822	22625	22722	0.43	cps
Copper	63-2	6568	6298	6178	6348	3.15	cps
Dysprosium	156-1	367	342	333	347	5.00	cps
Dysprosium	156-2	53	53	70	59	16.34	cps
Erbium	164-1	358	358	475	397	16.96	cps
Erbium	164-2	87	97	73	86	13.68	cps
Gadolinium	160-1	208	325	292	275	21.85	cps
Gadolinium	160-2	127	140	93	120	20.03	cps
Holmium	165-1	6696539	6622143	6606659	6641780	0.72	cps
Holmium	165-2	1813483	1787624	1791351	1797486	0.78	cps
Indium	115-1	5900529	5719098	5633435	5751021	2.37	cps
Indium	115-2	296058	290555	291013	292542	1.04	cps
Iron	56-2	13987885	13579812	13507992	13691896	1.89	cps
Iron	57-2	342266	340357	341459	341361	0.28	cps
Lead	206-1	5090	4946	5062	5033	1.52	cps
Lead	207-1	4156	4240	4529	4308	4.54	cps
Lead	208-1	19367	19056	19868	19430	2.11	cps
Lithium	6-1	1139390	1107349	1110608	1119116	1.58	cps
Magnesium	24-2	1530302	1500196	1518605	1516367	1.00	cps
Manganese	55-2	303102	297489	295014	298535	1.39	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-03	Instrumnet Name :	P8
Client Sample ID :	WP022MW102-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:10:13	DataFile Name :	082SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5610	5893	5410	5638	4.31	cps
Molybdenum	95-1	5026	4776	4609	4804	4.37	cps
Molybdenum	96-1	5935	5843	5426	5735	4.73	cps
Molybdenum	97-1	2892	3117	3051	3020	3.83	cps
Molybdenum	98-1	7728	7919	7486	7711	2.82	cps
Neodymium	150-1	507	520	473	500	4.81	cps
Neodymium	150-2	70	73	80	74	6.84	cps
Nickel	60-2	31963	31713	30587	31421	2.33	cps
Phosphorus	31-2	58	42	83	61	34.32	cps
Potassium	39-2	103914	103387	102891	103397	0.49	cps
Rhodium	103-1	5580127	5286199	5345917	5404081	2.87	cps
Rhodium	103-2	1721588	1713462	1712778	1715943	0.29	cps
Scandium	45-1	3874227	3745770	3675978	3765325	2.67	cps
Scandium	45-2	33453	33630	33396	33493	0.36	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	118	196	156	156	24.92	cps
Silicon	28-1	44720407	44337225	44221293	44426308	0.59	cps
Silver	109-1	2759	2325	2467	2517	8.78	cps
Silver	107-1	2767	2659	2584	2670	3.45	cps
Sodium	23-2	14468912	14153646	14381391	14334649	1.14	cps
Strontium	86-1	2808000	2793121	2818933	2806685	0.46	cps
Strontium	88-1	23561885	23852612	24057218	23823905	1.04	cps
Sulfur	34-1	6063890	5965053	5910710	5979884	1.30	cps
Terbium	159-1	7150013	6908124	6882535	6980224	2.11	cps
Terbium	159-2	1734302	1752200	1739375	1741959	0.53	cps
Thallium	203-1	267	283	283	278	3.46	cps
Thallium	205-1	533	600	558	564	5.97	cps
Tin	118-1	9762	10313	11122	10399	6.58	cps
Titanium	47-1	2359	2042	2844	2415	16.72	cps
Uranium	238-1	18306	18339	19074	18573	2.34	cps
Vanadium	51-2	2830	3134	2820	2928	6.08	cps
Yttrium	89-1	6355845	6209760	6155459	6240354	1.66	cps
Yttrium	89-2	224507	219850	222712	222356	1.06	cps
Zinc	66-2	1713	1813	1707	1745	3.43	cps
Zirconium	90-1	8587	8646	7986	8406	4.34	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-03	Instrumnet Name :	P8
Client Sample ID :	WP022MW102-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:10:13	DataFile Name :	082SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1617	1867	1650	1711	7.94	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-04	Instrumnet Name :	P8
Client Sample ID :	WP022RW358-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:13:18	DataFile Name :	083SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	492	417	558	489	14.50	cps
Antimony	121-1	14350	13774	13716	13947	2.51	cps
Arsenic	75-2	622	633	604	620	2.42	cps
Barium	135-1	238119	235698	235934	236583	0.56	cps
Barium	137-1	409422	412201	406768	409464	0.66	cps
Beryllium	9-1	222	128	156	169	28.80	cps
Bismuth	209-1	4064752	4083713	4079617	4076027	0.24	cps
Bismuth	209-2	1391262	1386891	1380406	1386186	0.39	cps
Boron	10-1	23762	24063	23846	23890	0.65	cps
Boron	11-1	107551	109995	109642	109062	1.21	cps
Cadmium	111-1	945	1116	1036	1032	8.32	cps
Cadmium	106-1	1033	1342	1208	1195	12.95	cps
Cadmium	108-1	29	21	21	24	20.39	cps
Calcium	43-1	2559939	2564504	2585825	2570090	0.54	cps
Calcium	44-1	41655337	41989216	41429128	41691227	0.68	cps
Chromium	52-2	1543	1427	1480	1483	3.94	cps
Cobalt	59-2	3974	3974	3997	3982	0.34	cps
Copper	63-2	7325	7039	6808	7057	3.67	cps
Dysprosium	156-1	158	133	75	122	34.99	cps
Dysprosium	156-2	30	30	30	30	0.00	cps
Erbium	164-1	100	133	150	128	19.93	cps
Erbium	164-2	37	27	30	31	16.37	cps
Gadolinium	160-1	167	158	150	158	5.26	cps
Gadolinium	160-2	37	60	53	50	24.03	cps
Holmium	165-1	6899652	6923407	7077305	6966788	1.38	cps
Holmium	165-2	1854235	1809831	1836770	1833612	1.22	cps
Indium	115-1	5994828	5940144	6027450	5987474	0.74	cps
Indium	115-2	301334	300608	299624	300522	0.29	cps
Iron	56-2	720062	713709	713226	715666	0.53	cps
Iron	57-2	18134	17890	18530	18185	1.78	cps
Lead	206-1	2178	2473	2439	2363	6.82	cps
Lead	207-1	1800	1961	1845	1869	4.45	cps
Lead	208-1	8974	9279	9263	9172	1.87	cps
Lithium	6-1	1151579	1163651	1168872	1161368	0.76	cps
Magnesium	24-2	555663	555288	550787	553913	0.49	cps
Manganese	55-2	155086	152340	154025	153817	0.90	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-04	Instrumnet Name :	P8
Client Sample ID :	WP022RW358-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:13:18	DataFile Name :	083SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2875	2917	3009	2934	2.33	cps
Molybdenum	95-1	3451	3801	3951	3734	6.87	cps
Molybdenum	96-1	3901	4243	4259	4134	4.89	cps
Molybdenum	97-1	2309	2342	2367	2339	1.25	cps
Molybdenum	98-1	6085	5877	6027	5996	1.79	cps
Neodymium	150-1	227	133	207	189	26.02	cps
Neodymium	150-2	30	20	13	21	39.75	cps
Nickel	60-2	5735	5421	5491	5549	2.97	cps
Phosphorus	31-2	125	108	125	119	8.06	cps
Potassium	39-2	175411	179336	174730	176493	1.41	cps
Rhodium	103-1	5657066	5725670	5645285	5676007	0.76	cps
Rhodium	103-2	1797559	1796698	1772046	1788767	0.81	cps
Scandium	45-1	3847163	3845027	3844238	3845476	0.04	cps
Scandium	45-2	34653	33951	33671	34091	1.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	2	7	6	57.77	cps
Selenium	82-1	160	-44	103	73	143.92	cps
Silicon	28-1	23015062	23308246	23431873	23251727	0.92	cps
Silver	109-1	2242	2059	2367	2223	6.98	cps
Silver	107-1	2209	2392	2159	2253	5.45	cps
Sodium	23-2	4438912	4421245	4373989	4411382	0.76	cps
Strontium	86-1	1400945	1377982	1418207	1399045	1.44	cps
Strontium	88-1	12012513	12043745	11924482	11993580	0.52	cps
Sulfur	34-1	1760213	1751941	1754240	1755465	0.24	cps
Terbium	159-1	7246992	7269191	7301945	7272709	0.38	cps
Terbium	159-2	1779655	1756742	1766731	1767709	0.65	cps
Thallium	203-1	392	375	358	375	4.44	cps
Thallium	205-1	792	633	767	731	11.65	cps
Tin	118-1	8870	9104	9137	9037	1.61	cps
Titanium	47-1	1992	1600	1817	1803	10.89	cps
Uranium	238-1	36380	36329	37182	36630	1.31	cps
Vanadium	51-2	1283	1150	1247	1227	5.62	cps
Yttrium	89-1	6425871	6469758	6423954	6439861	0.40	cps
Yttrium	89-2	228166	226448	224755	226456	0.75	cps
Zinc	66-2	2777	2560	2700	2679	4.10	cps
Zirconium	90-1	2050	2418	2009	2159	10.42	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-04	Instrumnet Name :	P8
Client Sample ID :	WP022RW358-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:13:18	DataFile Name :	083SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	442	492	333	422	19.17	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4712-06 Instrumnet Name : P8
 Client Sample ID : WP022RW359-170808 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 18:16:25 DataFile Name : 084SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	42	33	39	12.38	cps
Antimony	121-1	17779	18964	19498	18747	4.69	cps
Arsenic	75-2	583	546	548	559	3.73	cps
Barium	135-1	49017	49033	48239	48763	0.93	cps
Barium	137-1	84302	82524	84730	83852	1.40	cps
Beryllium	9-1	172	100	150	141	26.28	cps
Bismuth	209-1	3749668	3653288	3456135	3619697	4.13	cps
Bismuth	209-2	1252159	1256459	1266528	1258382	0.59	cps
Boron	10-1	54898	54914	53910	54574	1.05	cps
Boron	11-1	252652	251480	256976	253703	1.14	cps
Cadmium	111-1	12302	12107	12719	12376	2.53	cps
Cadmium	106-1	2492	2642	2709	2614	4.25	cps
Cadmium	108-1	967	1038	963	989	4.26	cps
Calcium	43-1	11460889	11296224	11463058	11406723	0.84	cps
Calcium	44-1	186792863	185681342	186202879	186225694	0.30	cps
Chromium	52-2	4858	4931	4564	4784	4.06	cps
Cobalt	59-2	513228	517729	519383	516780	0.62	cps
Copper	63-2	488830	496650	501101	495527	1.25	cps
Dysprosium	156-1	1392	1517	1150	1353	13.78	cps
Dysprosium	156-2	483	467	450	467	3.57	cps
Erbium	164-1	11756	12381	12089	12076	2.59	cps
Erbium	164-2	2980	3074	3004	3019	1.61	cps
Gadolinium	160-1	2592	2442	2292	2442	6.14	cps
Gadolinium	160-2	770	723	780	758	3.99	cps
Holmium	165-1	6618843	6617951	6275208	6504001	3.05	cps
Holmium	165-2	1748348	1740709	1747118	1745392	0.23	cps
Indium	115-1	5558728	5484955	5174535	5406073	3.77	cps
Indium	115-2	275644	279503	279908	278351	0.85	cps
Iron	56-2	11155639	11311453	11343004	11270032	0.89	cps
Iron	57-2	279551	281320	286082	282318	1.20	cps
Lead	206-1	116154	115315	115588	115686	0.37	cps
Lead	207-1	92966	93437	93778	93394	0.44	cps
Lead	208-1	442804	438350	437392	439515	0.66	cps
Lithium	6-1	1052032	1035245	1016686	1034654	1.71	cps
Magnesium	24-2	4240717	4221933	4291207	4251286	0.84	cps
Manganese	55-2	1128146	1136796	1138021	1134321	0.47	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-06	Instrumnet Name :	P8
Client Sample ID :	WP022RW359-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:16:25	DataFile Name :	084SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	50294	50997	51147	50813	0.90	cps
Molybdenum	95-1	1934	1884	2109	1975	5.98	cps
Molybdenum	96-1	10438	11164	10388	10663	4.07	cps
Molybdenum	97-1	1350	1433	1367	1383	3.19	cps
Molybdenum	98-1	3192	3259	3292	3248	1.57	cps
Neodymium	150-1	300	287	327	304	6.69	cps
Neodymium	150-2	53	47	63	54	15.40	cps
Nickel	60-2	446154	450387	448356	448299	0.47	cps
Phosphorus	31-2	25	25	67	39	61.86	cps
Potassium	39-2	68618	70277	68341	69079	1.52	cps
Rhodium	103-1	5121599	5139183	4817570	5026117	3.60	cps
Rhodium	103-2	1592483	1599756	1592746	1594995	0.26	cps
Scandium	45-1	3697456	3658822	3386719	3580999	4.73	cps
Scandium	45-2	33229	32715	32765	32903	0.86	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	9	2	13	8	70.51	cps
Selenium	82-1	244	169	148	187	27.19	cps
Silicon	28-1	30886447	30598703	30641672	30708940	0.51	cps
Silver	109-1	1608	1934	1800	1781	9.18	cps
Silver	107-1	1825	2092	1867	1928	7.44	cps
Sodium	23-2	101341834	101656659	102478406	101825633	0.58	cps
Strontium	86-1	3364298	3412380	3376038	3384239	0.74	cps
Strontium	88-1	28588563	28623079	28791626	28667756	0.38	cps
Sulfur	34-1	28900881	28417662	28673655	28664066	0.84	cps
Terbium	159-1	6833310	6843548	6437634	6704831	3.45	cps
Terbium	159-2	1688384	1674949	1660223	1674519	0.84	cps
Thallium	203-1	758	725	683	722	5.20	cps
Thallium	205-1	1517	1400	1408	1442	4.51	cps
Tin	118-1	9103	9295	9646	9348	2.94	cps
Titanium	47-1	942	867	892	900	4.24	cps
Uranium	238-1	129537	127306	130622	129155	1.31	cps
Vanadium	51-2	1697	1730	1783	1737	2.52	cps
Yttrium	89-1	6388927	6332757	5992906	6238197	3.43	cps
Yttrium	89-2	223479	227796	228372	226549	1.18	cps
Zinc	66-2	18980	19267	19364	19204	1.04	cps
Zirconium	90-1	140552	138987	138978	139506	0.65	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4712-06	Instrumnet Name :	P8
Client Sample ID :	WP022RW359-170808	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:16:25	DataFile Name :	084SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	30752	31154	31513	31140	1.22	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01DLX20 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808DL Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:19:33 DataFile Name : 085SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	17	25	57.73	cps
Antimony	121-1	1675	1358	1325	1453	13.30	cps
Arsenic	75-2	494	506	522	507	2.76	cps
Barium	135-1	10246	10613	10438	10432	1.76	cps
Barium	137-1	17771	18205	17763	17913	1.41	cps
Beryllium	9-1	139	172	122	144	17.63	cps
Bismuth	209-1	4269045	4225106	3820329	4104827	6.03	cps
Bismuth	209-2	1521114	1519730	1518623	1519822	0.08	cps
Boron	10-1	4292	4376	4409	4359	1.38	cps
Boron	11-1	21292	20173	19940	20468	3.53	cps
Cadmium	111-1	808	914	920	881	7.19	cps
Cadmium	106-1	1142	1300	1325	1256	7.92	cps
Cadmium	108-1	0	0	17	6	173.21	cps
Calcium	43-1	120590	119060	118370	119340	0.95	cps
Calcium	44-1	2022868	1999158	2007775	2009934	0.60	cps
Chromium	52-2	1030	1097	1047	1058	3.28	cps
Cobalt	59-2	90	107	70	89	20.65	cps
Copper	63-2	700	723	640	688	6.25	cps
Dysprosium	156-1	58	8	8	25	115.49	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	7	13	0	7	99.98	cps
Gadolinium	160-1	58	42	25	42	40.00	cps
Gadolinium	160-2	10	7	0	6	91.64	cps
Holmium	165-1	7154277	7097616	6434881	6895591	5.80	cps
Holmium	165-2	1962983	1980720	1954762	1966155	0.67	cps
Indium	115-1	6434795	6350469	5736877	6174047	6.17	cps
Indium	115-2	335898	335344	333840	335027	0.32	cps
Iron	56-2	278350	280245	284016	280871	1.03	cps
Iron	57-2	7080	6985	7424	7163	3.23	cps
Lead	206-1	439	428	472	446	5.18	cps
Lead	207-1	406	461	378	415	10.23	cps
Lead	208-1	1822	1811	1667	1767	4.91	cps
Lithium	6-1	1142646	1123296	1037647	1101197	5.07	cps
Magnesium	24-2	24046	22635	23387	23356	3.02	cps
Manganese	55-2	10377	10397	10668	10481	1.55	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01DLX20 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808DL Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:19:33 DataFile Name : 085SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	325	450	367	19.68	cps
Molybdenum	95-1	275	400	283	319	21.88	cps
Molybdenum	96-1	400	450	475	442	8.65	cps
Molybdenum	97-1	225	308	425	319	31.45	cps
Molybdenum	98-1	533	525	575	544	4.92	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	153	157	173	161	6.65	cps
Phosphorus	31-2	33	17	8	19	65.47	cps
Potassium	39-2	5610	5860	5485	5651	3.38	cps
Rhodium	103-1	6153058	6135038	5600982	5963026	5.26	cps
Rhodium	103-2	1967050	1920366	1924817	1937411	1.33	cps
Scandium	45-1	4190109	4161951	3769105	4040389	5.83	cps
Scandium	45-2	36618	36711	37049	36793	0.62	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	2	4	7	4	65.54	cps
Selenium	82-1	-40	148	-107	0	47117.88	cps
Silicon	28-1	2520521	2569333	2521140	2536998	1.10	cps
Silver	109-1	808	708	700	739	8.16	cps
Silver	107-1	650	583	900	711	23.48	cps
Sodium	23-2	185484	185392	183444	184774	0.62	cps
Strontium	86-1	66405	67133	65374	66304	1.33	cps
Strontium	88-1	556640	557166	555858	556555	0.12	cps
Sulfur	34-1	386542	387144	385791	386492	0.18	cps
Terbium	159-1	7462085	7313719	6767779	7181195	5.09	cps
Terbium	159-2	1889527	1918227	1896399	1901384	0.79	cps
Thallium	203-1	42	33	58	44	28.65	cps
Thallium	205-1	117	67	158	114	40.30	cps
Tin	118-1	925	1042	967	978	6.05	cps
Titanium	47-1	208	117	225	183	31.82	cps
Uranium	238-1	383	367	367	372	2.59	cps
Vanadium	51-2	37	50	33	40	22.05	cps
Yttrium	89-1	6869787	6770817	6204831	6615145	5.42	cps
Yttrium	89-2	249953	249348	248747	249349	0.24	cps
Zinc	66-2	127	157	120	134	14.53	cps
Zirconium	90-1	550	433	325	436	25.80	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01DLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:19:33	DataFile Name :	085SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	92	83	103	26.06	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : CCV87 Instrumnet Name : P8
 Client Sample ID : CCV87 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 18:28:53 DataFile Name : 088CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	329950	328388	331143	329827	0.42	cps
Antimony	121-1	4756694	4686279	4747984	4730319	0.81	cps
Arsenic	75-2	59313	60662	59754	59910	1.15	cps
Barium	135-1	4304256	4259284	4289911	4284484	0.54	cps
Barium	137-1	7292834	7217610	7244621	7251688	0.53	cps
Beryllium	9-1	657539	657666	657838	657681	0.02	cps
Bismuth	209-1	3970140	3942451	3943251	3951947	0.40	cps
Bismuth	209-2	1467515	1481251	1470858	1473208	0.49	cps
Boron	10-1	76479	78096	78884	77820	1.57	cps
Boron	11-1	350891	349765	355028	351895	0.79	cps
Cadmium	111-1	881008	879426	881290	880575	0.11	cps
Cadmium	106-1	90947	91660	91526	91378	0.41	cps
Cadmium	108-1	62164	61665	62230	62020	0.50	cps
Calcium	43-1	4966253	4947656	4986068	4966659	0.39	cps
Calcium	44-1	81803316	81370879	81321250	81498482	0.33	cps
Chromium	52-2	497064	501196	499321	499193	0.41	cps
Cobalt	59-2	1038200	1038349	1040878	1039142	0.14	cps
Copper	63-2	1795025	1800706	1794591	1796774	0.19	cps
Dysprosium	156-1	83	58	83	75	19.24	cps
Dysprosium	156-2	10	13	23	16	44.60	cps
Erbium	164-1	50	50	75	58	24.74	cps
Erbium	164-2	7	10	17	11	45.82	cps
Gadolinium	160-1	92	125	50	89	42.28	cps
Gadolinium	160-2	30	10	23	21	48.24	cps
Holmium	165-1	7008014	6950138	7016353	6991501	0.52	cps
Holmium	165-2	1991351	1992065	1963923	1982446	0.81	cps
Indium	115-1	6120324	6089258	6094813	6101465	0.27	cps
Indium	115-2	323937	329446	326040	326474	0.85	cps
Iron	56-2	79136299	79709141	79029210	79291550	0.46	cps
Iron	57-2	2048914	2037602	2058093	2048203	0.50	cps
Lead	206-1	2181532	2233780	2187406	2200906	1.30	cps
Lead	207-1	1983801	1944260	1926898	1951653	1.49	cps
Lead	208-1	8843454	8866346	8779761	8829853	0.51	cps
Lithium	6-1	1102313	1112618	1093191	1102707	0.88	cps
Magnesium	24-2	8388328	8366930	8426897	8394052	0.36	cps
Manganese	55-2	269495	272106	270966	270856	0.48	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:28:53	DataFile Name :	088CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3465784	3453141	3434273	3451066	0.46	cps
Molybdenum	95-1	1891865	1900280	1890443	1894196	0.28	cps
Molybdenum	96-1	2442270	2450278	2437007	2443185	0.27	cps
Molybdenum	97-1	1131597	1132417	1133360	1132458	0.08	cps
Molybdenum	98-1	2985279	2966696	2944456	2965477	0.69	cps
Neodymium	150-1	153	140	180	158	12.91	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	301457	298656	301376	300497	0.53	cps
Phosphorus	31-2	5110	5435	4926	5157	4.99	cps
Potassium	39-2	2564101	2611911	2574223	2583412	0.98	cps
Rhodium	103-1	5811525	5772547	5778433	5787502	0.36	cps
Rhodium	103-2	1839450	1834147	1836524	1836707	0.14	cps
Scandium	45-1	4192940	4151949	4183574	4176154	0.51	cps
Scandium	45-2	37821	38533	38369	38241	0.98	cps
Selenium	77-2	400	450	457	436	7.11	cps
Selenium	78-2	1398	1452	1419	1423	1.91	cps
Selenium	82-1	57394	56590	56858	56947	0.72	cps
Silicon	28-1	2063709	2062483	2090619	2072270	0.77	cps
Silver	109-1	4240557	4242704	4254338	4245867	0.17	cps
Silver	107-1	4492919	4471278	4438461	4467553	0.61	cps
Sodium	23-2	21233702	21224643	20979878	21146074	0.68	cps
Strontium	86-1	1186409	1182774	1185298	1184827	0.16	cps
Strontium	88-1	10213634	10174569	10159229	10182477	0.28	cps
Sulfur	34-1	658167	650156	657083	655135	0.66	cps
Terbium	159-1	7353716	7333350	7415022	7367363	0.58	cps
Terbium	159-2	1906142	1926715	1906623	1913160	0.61	cps
Thallium	203-1	2737869	2752594	2732234	2740899	0.38	cps
Thallium	205-1	6401292	6402605	6403894	6402597	0.02	cps
Tin	118-1	2858827	2887822	2879347	2875332	0.52	cps
Titanium	47-1	529822	525701	530531	528685	0.49	cps
Uranium	238-1	8049507	7930992	8018399	7999633	0.77	cps
Vanadium	51-2	373821	371505	376006	373777	0.60	cps
Yttrium	89-1	6761106	6772381	6763962	6765816	0.09	cps
Yttrium	89-2	250644	253854	254552	253017	0.82	cps
Zinc	66-2	155311	157234	155328	155958	0.71	cps
Zirconium	90-1	6553888	6565452	6493932	6537758	0.59	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P8
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:28:53	DataFile Name :	088CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1457724	1455900	1470503	1461376	0.54	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : CCB87 Instrumnet Name : P8
 Client Sample ID : CCB87 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 18:32:16 DataFile Name : 089CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	8	17	50.01	cps
Antimony	121-1	1258	1208	1317	1261	4.30	cps
Arsenic	75-2	6	6	6	6	0.00	cps
Barium	135-1	42	42	25	36	26.65	cps
Barium	137-1	67	92	67	75	19.24	cps
Beryllium	9-1	261	261	256	259	1.24	cps
Bismuth	209-1	4188080	4096023	4070459	4118188	1.50	cps
Bismuth	209-2	1521440	1518497	1530501	1523480	0.41	cps
Boron	10-1	2709	2859	2934	2834	4.04	cps
Boron	11-1	13107	12214	11747	12356	5.59	cps
Cadmium	111-1	886	998	736	873	15.04	cps
Cadmium	106-1	1183	1308	933	1142	16.72	cps
Cadmium	108-1	13	8	25	15	56.79	cps
Calcium	43-1	2475	2534	2309	2439	4.79	cps
Calcium	44-1	47147	47531	45625	46768	2.16	cps
Chromium	52-2	930	1033	1050	1005	6.47	cps
Cobalt	59-2	40	33	53	42	24.12	cps
Copper	63-2	533	567	540	547	3.23	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	42	42	47	20.38	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	8	67	50	42	72.12	cps
Gadolinium	160-2	7	3	13	8	65.47	cps
Holmium	165-1	7085643	6942881	6811623	6946716	1.97	cps
Holmium	165-2	1943299	1971875	1993399	1969525	1.28	cps
Indium	115-1	6430119	6335690	6164953	6310254	2.13	cps
Indium	115-2	336591	340897	341262	339583	0.76	cps
Iron	56-2	3589	3267	3373	3410	4.82	cps
Iron	57-2	144	67	94	102	38.70	cps
Lead	206-1	689	617	611	639	6.79	cps
Lead	207-1	572	517	622	570	9.26	cps
Lead	208-1	2617	2500	2634	2584	2.81	cps
Lithium	6-1	1127527	1134733	1127484	1129915	0.37	cps
Magnesium	24-2	175	158	158	164	5.87	cps
Manganese	55-2	130	140	93	121	20.28	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:32:16	DataFile Name :	089CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	400	292	367	17.75	cps
Molybdenum	95-1	142	175	142	153	12.60	cps
Molybdenum	96-1	375	342	325	347	7.33	cps
Molybdenum	97-1	208	133	117	153	31.96	cps
Molybdenum	98-1	308	250	258	272	11.59	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	127	93	101	22.44	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3501	3717	3984	3734	6.49	cps
Rhodium	103-1	6209361	6115668	6002377	6109135	1.70	cps
Rhodium	103-2	1913651	1945723	1943488	1934287	0.93	cps
Scandium	45-1	4167096	4174649	4073417	4138387	1.36	cps
Scandium	45-2	37467	37898	37594	37653	0.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	7	4	4	65.54	cps
Selenium	82-1	-78	4	-74	-49	-93.86	cps
Silicon	28-1	396255	394339	401662	397419	0.96	cps
Silver	109-1	675	817	767	753	9.54	cps
Silver	107-1	783	933	717	811	13.68	cps
Sodium	23-2	15743	15192	15409	15448	1.80	cps
Strontium	86-1	1458	1450	1392	1433	2.54	cps
Strontium	88-1	633	542	508	561	11.54	cps
Sulfur	34-1	351004	349955	346844	349268	0.62	cps
Terbium	159-1	7396390	7211967	7074804	7227720	2.23	cps
Terbium	159-2	1902705	1900068	1894928	1899234	0.21	cps
Thallium	203-1	250	342	333	308	16.44	cps
Thallium	205-1	825	642	742	736	12.47	cps
Tin	118-1	1108	1050	1008	1056	4.76	cps
Titanium	47-1	117	183	158	153	22.05	cps
Uranium	238-1	133	67	50	83	52.92	cps
Vanadium	51-2	20	17	20	19	10.18	cps
Yttrium	89-1	6880075	6779979	6723820	6794625	1.16	cps
Yttrium	89-2	251785	251637	253285	252235	0.36	cps
Zinc	66-2	80	73	113	89	24.11	cps
Zirconium	90-1	883	1042	900	942	9.24	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P8
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 18:32:16	DataFile Name :	089CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	200	208	206	2.34	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01DUPDLX20 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808DL Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:35:26 DataFile Name : 090SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	58	17	31	78.72	cps
Antimony	121-1	2550	2484	2234	2423	6.89	cps
Arsenic	75-2	504	522	509	512	1.86	cps
Barium	135-1	10538	10438	10571	10516	0.66	cps
Barium	137-1	18672	18439	18873	18661	1.16	cps
Beryllium	9-1	283	250	239	257	8.99	cps
Bismuth	209-1	4112846	4109420	4159126	4127131	0.67	cps
Bismuth	209-2	1531425	1500820	1458482	1496909	2.45	cps
Boron	10-1	3334	3509	3967	3603	9.08	cps
Boron	11-1	16827	16727	16285	16613	1.74	cps
Cadmium	111-1	933	1036	953	974	5.58	cps
Cadmium	106-1	1250	1400	1225	1292	7.33	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	123859	123146	122607	123204	0.51	cps
Calcium	44-1	2078485	2085880	2063569	2075978	0.55	cps
Chromium	52-2	1013	1083	1047	1048	3.34	cps
Cobalt	59-2	53	117	97	89	36.43	cps
Copper	63-2	827	837	813	826	1.42	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	13	0	3	6	124.93	cps
Gadolinium	160-1	58	33	58	50	28.88	cps
Gadolinium	160-2	0	0	7	2	173.21	cps
Holmium	165-1	6864672	6927754	6848509	6880312	0.61	cps
Holmium	165-2	2002413	1968048	1878565	1949675	3.28	cps
Indium	115-1	6263272	6274455	6275763	6271163	0.11	cps
Indium	115-2	341370	337503	326377	335083	2.32	cps
Iron	56-2	294525	290151	297120	293932	1.20	cps
Iron	57-2	7252	7235	7252	7247	0.13	cps
Lead	206-1	461	567	550	526	10.79	cps
Lead	207-1	478	439	511	476	7.60	cps
Lead	208-1	2045	2067	2256	2122	5.47	cps
Lithium	6-1	1159304	1144293	1140142	1147913	0.88	cps
Magnesium	24-2	24681	24556	25240	24825	1.47	cps
Manganese	55-2	11175	11095	11295	11188	0.90	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01DUPDLX20 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808DL Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:35:26 DataFile Name : 090SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	642	467	567	558	15.72	cps
Molybdenum	95-1	450	367	350	389	13.78	cps
Molybdenum	96-1	608	408	367	461	28.02	cps
Molybdenum	97-1	300	358	333	331	8.86	cps
Molybdenum	98-1	517	558	475	517	8.06	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	157	183	153	164	10.00	cps
Phosphorus	31-2	25	33	17	25	33.32	cps
Potassium	39-2	6235	6535	6644	6471	3.27	cps
Rhodium	103-1	6044096	6081922	6070254	6065424	0.32	cps
Rhodium	103-2	1906819	1909407	1845190	1887139	1.93	cps
Scandium	45-1	4153170	4166486	4132072	4150576	0.42	cps
Scandium	45-2	37430	37580	36230	37080	2.00	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	-107	-45	-55	-69	-48.84	cps
Silicon	28-1	2599637	2574780	2565490	2579969	0.68	cps
Silver	109-1	1292	1292	1150	1245	6.57	cps
Silver	107-1	1400	1392	1375	1389	0.92	cps
Sodium	23-2	190346	193084	193380	192270	0.87	cps
Strontium	86-1	68565	67023	66915	67501	1.37	cps
Strontium	88-1	577936	578399	574009	576782	0.42	cps
Sulfur	34-1	367064	370572	364433	367357	0.84	cps
Terbium	159-1	7194892	7247881	7240979	7227918	0.40	cps
Terbium	159-2	1914501	1864523	1840964	1873330	2.00	cps
Thallium	203-1	308	300	300	303	1.59	cps
Thallium	205-1	775	700	808	761	7.29	cps
Tin	118-1	1325	1050	917	1097	18.98	cps
Titanium	47-1	225	158	225	203	18.98	cps
Uranium	238-1	425	375	333	378	12.15	cps
Vanadium	51-2	20	37	27	28	30.20	cps
Yttrium	89-1	6808054	6730763	6735300	6758039	0.64	cps
Yttrium	89-2	250828	251339	244000	248722	1.65	cps
Zinc	66-2	150	87	107	114	28.29	cps
Zirconium	90-1	833	883	775	831	6.53	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:35:26	DataFile Name :	090SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	133	192	161	18.17	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01LDLX100 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808LC Dilution Factor : 100
 Date & Time Acquired :: 2017-08-10 18:38:39 DataFile Name : 091SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	25	33	19	89.21	cps
Antimony	121-1	442	450	600	497	17.92	cps
Arsenic	75-2	100	89	107	99	9.44	cps
Barium	135-1	2217	1967	1842	2009	9.51	cps
Barium	137-1	3201	3517	3767	3495	8.13	cps
Beryllium	9-1	206	178	183	189	7.78	cps
Bismuth	209-1	4002234	4044466	4029708	4025470	0.53	cps
Bismuth	209-2	1507180	1542552	1517143	1522292	1.20	cps
Boron	10-1	1909	1875	1975	1920	2.65	cps
Boron	11-1	9128	8770	9253	9050	2.77	cps
Cadmium	111-1	900	808	1041	916	12.80	cps
Cadmium	106-1	1258	1125	1408	1264	11.22	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	24990	24063	23487	24180	3.14	cps
Calcium	44-1	414256	411811	411027	412365	0.41	cps
Chromium	52-2	1013	1033	1033	1027	1.12	cps
Cobalt	59-2	33	27	30	30	11.10	cps
Copper	63-2	540	560	603	568	5.70	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	58	58	50	56	8.67	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	6718900	6946694	6853793	6839796	1.67	cps
Holmium	165-2	1985740	1988812	1963392	1979314	0.70	cps
Indium	115-1	6182804	6247237	6242287	6224109	0.58	cps
Indium	115-2	340862	346975	341947	343261	0.95	cps
Iron	56-2	57368	57073	57904	57448	0.73	cps
Iron	57-2	1400	1450	1233	1361	8.34	cps
Lead	206-1	539	444	450	478	11.09	cps
Lead	207-1	522	439	389	450	14.97	cps
Lead	208-1	2161	1939	1867	1989	7.72	cps
Lithium	6-1	1138369	1129790	1143529	1137229	0.61	cps
Magnesium	24-2	4851	4751	4843	4815	1.15	cps
Manganese	55-2	2047	2067	2104	2072	1.39	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808LC	Dilution Factor :	100
Date & Time Acquired ::	2017-08-10 18:38:39	DataFile Name :	091SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	200	333	261	25.80	cps
Molybdenum	95-1	92	67	108	89	23.59	cps
Molybdenum	96-1	217	133	258	203	31.39	cps
Molybdenum	97-1	150	225	158	178	23.12	cps
Molybdenum	98-1	192	150	158	167	13.23	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	77	143	118	30.53	cps
Phosphorus	31-2	0	8	33	14	124.92	cps
Potassium	39-2	3784	3501	3667	3651	3.90	cps
Rhodium	103-1	5981669	6053251	6106492	6047137	1.04	cps
Rhodium	103-2	1924036	1979626	1922911	1942191	1.67	cps
Scandium	45-1	4047599	4159222	4125800	4110874	1.39	cps
Scandium	45-2	37798	37811	37520	37710	0.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	-138	-84	49	-57	-167.56	cps
Silicon	28-1	938788	928107	939281	935392	0.67	cps
Silver	109-1	533	508	475	506	5.79	cps
Silver	107-1	492	633	542	556	12.93	cps
Sodium	23-2	45900	45348	44638	45295	1.40	cps
Strontium	86-1	13657	14125	13390	13724	2.71	cps
Strontium	88-1	107412	105590	104288	105764	1.48	cps
Sulfur	34-1	360408	353084	356348	356613	1.03	cps
Terbium	159-1	7039789	7164706	7196133	7133542	1.16	cps
Terbium	159-2	1902477	1926527	1907511	1912172	0.66	cps
Thallium	203-1	117	83	42	81	46.64	cps
Thallium	205-1	267	392	217	292	30.90	cps
Tin	118-1	742	875	833	817	8.35	cps
Titanium	47-1	183	167	167	172	5.58	cps
Uranium	238-1	100	58	142	100	41.67	cps
Vanadium	51-2	27	27	23	26	7.55	cps
Yttrium	89-1	6588120	6754251	6794168	6712180	1.63	cps
Yttrium	89-2	252594	257008	253240	254281	0.94	cps
Zinc	66-2	160	177	150	162	8.31	cps
Zirconium	90-1	617	717	675	669	7.50	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808LC	Dilution Factor :	100
Date & Time Acquired ::	2017-08-10 18:38:39	DataFile Name :	091SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	117	242	144	60.05	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-02DLX20 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808M Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:41:48 DataFile Name : 092SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3651	3442	3601	3565	3.05	cps
Antimony	121-1	216774	216950	219035	217587	0.58	cps
Arsenic	75-2	3723	3638	3958	3773	4.40	cps
Barium	135-1	218687	218822	225345	220951	1.72	cps
Barium	137-1	381843	386640	383374	383952	0.64	cps
Beryllium	9-1	36263	36870	37104	36746	1.18	cps
Bismuth	209-1	4034914	3755781	3982319	3924338	3.78	cps
Bismuth	209-2	1528274	1525321	1540619	1531405	0.53	cps
Boron	10-1	6794	6510	7285	6863	5.72	cps
Boron	11-1	30057	30124	31502	30561	2.67	cps
Cadmium	111-1	49132	48816	49598	49182	0.80	cps
Cadmium	106-1	6385	5985	6452	6274	4.02	cps
Cadmium	108-1	3451	3317	3646	3471	4.77	cps
Calcium	43-1	172143	171941	172380	172155	0.13	cps
Calcium	44-1	2854665	2874084	2889666	2872805	0.61	cps
Chromium	52-2	28406	28619	28466	28497	0.39	cps
Cobalt	59-2	58713	57096	58198	58002	1.42	cps
Copper	63-2	98523	98106	98785	98471	0.35	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	175	175	200	183	7.87	cps
Erbium	164-2	57	63	50	57	11.76	cps
Gadolinium	160-1	25	50	50	42	34.64	cps
Gadolinium	160-2	3	23	13	13	75.02	cps
Holmium	165-1	6711621	6366938	6828377	6635646	3.62	cps
Holmium	165-2	1991667	1993611	1993828	1993035	0.06	cps
Indium	115-1	6242220	5870244	6222627	6111697	3.43	cps
Indium	115-2	339601	341226	346210	342346	1.01	cps
Iron	56-2	1156830	1143241	1159103	1153058	0.74	cps
Iron	57-2	28758	28507	29170	28812	1.16	cps
Lead	206-1	113194	114803	113111	113703	0.84	cps
Lead	207-1	101699	102197	102254	102050	0.30	cps
Lead	208-1	453404	458075	455580	455686	0.51	cps
Lithium	6-1	1131815	1064238	1145589	1113880	3.91	cps
Magnesium	24-2	116852	116062	117524	116813	0.63	cps
Manganese	55-2	25310	25223	25363	25299	0.28	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-02DLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808M	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:41:48	DataFile Name :	092SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	174592	172169	177546	174769	1.54	cps
Molybdenum	95-1	91406	93396	93422	92741	1.25	cps
Molybdenum	96-1	117985	119523	119136	118881	0.67	cps
Molybdenum	97-1	58335	56252	57749	57445	1.87	cps
Molybdenum	98-1	148278	147101	150023	148467	0.99	cps
Neodymium	150-1	27	20	27	24	15.75	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	17298	17471	18069	17612	2.30	cps
Phosphorus	31-2	33	42	17	31	41.66	cps
Potassium	39-2	32037	32672	33708	32806	2.57	cps
Rhodium	103-1	5968849	5556876	5971237	5832320	4.09	cps
Rhodium	103-2	1927355	1966169	1969125	1954217	1.19	cps
Scandium	45-1	4091819	3916896	4049074	4019263	2.27	cps
Scandium	45-2	38135	38048	37885	38023	0.33	cps
Selenium	77-2	17	13	3	11	62.48	cps
Selenium	78-2	89	65	74	76	15.99	cps
Selenium	82-1	3118	2906	3081	3035	3.72	cps
Silicon	28-1	2628517	2614656	2630270	2624481	0.33	cps
Silver	109-1	220273	221621	224712	222202	1.02	cps
Silver	107-1	231294	229170	232499	230988	0.73	cps
Sodium	23-2	420466	417347	418549	418787	0.38	cps
Strontium	86-1	65776	66923	66823	66507	0.96	cps
Strontium	88-1	557520	561837	563870	561076	0.58	cps
Sulfur	34-1	372164	370420	375157	372580	0.64	cps
Terbium	159-1	7052035	6688631	7093502	6944723	3.21	cps
Terbium	159-2	1900673	1913703	1943291	1919222	1.14	cps
Thallium	203-1	142887	143883	143453	143408	0.35	cps
Thallium	205-1	338602	343295	343507	341802	0.81	cps
Tin	118-1	146216	144506	146629	145784	0.77	cps
Titanium	47-1	26593	26484	27344	26807	1.75	cps
Uranium	238-1	396025	401994	402550	400190	0.90	cps
Vanadium	51-2	19881	20385	19851	20039	1.50	cps
Yttrium	89-1	6694102	6348364	6673038	6571835	2.95	cps
Yttrium	89-2	253703	255835	256611	255383	0.59	cps
Zinc	66-2	8836	8830	8850	8839	0.12	cps
Zirconium	90-1	338866	340335	342908	340703	0.60	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-02DLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808M	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:41:48	DataFile Name :	092SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75477	74530	76733	75580	1.46	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-03DLX20 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808M Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:44:55 DataFile Name : 093SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3376	3301	3301	3326	1.30	cps
Antimony	121-1	220873	223294	223126	222431	0.61	cps
Arsenic	75-2	3862	3919	3717	3833	2.71	cps
Barium	135-1	219025	222236	223363	221541	1.02	cps
Barium	137-1	384862	384318	385819	385000	0.20	cps
Beryllium	9-1	37226	38073	37433	37577	1.17	cps
Bismuth	209-1	4014533	3956349	3997649	3989510	0.75	cps
Bismuth	209-2	1515637	1496969	1500219	1504275	0.66	cps
Boron	10-1	6485	6443	6735	6555	2.41	cps
Boron	11-1	30266	30726	30926	30639	1.10	cps
Cadmium	111-1	51044	50624	50164	50611	0.87	cps
Cadmium	106-1	6710	6494	6385	6530	2.54	cps
Cadmium	108-1	3225	3501	3530	3419	4.91	cps
Calcium	43-1	171183	169225	169696	170035	0.60	cps
Calcium	44-1	2855078	2836621	2882330	2858010	0.80	cps
Chromium	52-2	29104	28549	28556	28736	1.11	cps
Cobalt	59-2	58991	57887	57261	58046	1.51	cps
Copper	63-2	97237	95385	96982	96535	1.04	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	250	242	125	206	34.00	cps
Erbium	164-2	37	43	43	41	9.35	cps
Gadolinium	160-1	25	25	17	22	21.64	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	6725355	6641862	6849657	6738958	1.55	cps
Holmium	165-2	1967582	1942319	1934053	1947985	0.90	cps
Indium	115-1	6175935	6061461	6165681	6134359	1.03	cps
Indium	115-2	339984	338070	336387	338147	0.53	cps
Iron	56-2	1143307	1137539	1135434	1138760	0.36	cps
Iron	57-2	29509	28552	28496	28853	1.97	cps
Lead	206-1	114091	114254	115224	114523	0.53	cps
Lead	207-1	102580	102652	101453	102228	0.66	cps
Lead	208-1	461567	460286	459528	460461	0.22	cps
Lithium	6-1	1129845	1118598	1141589	1130011	1.02	cps
Magnesium	24-2	115903	117154	113963	115673	1.39	cps
Manganese	55-2	24812	24729	24635	24725	0.36	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-03DLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808M	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:44:55	DataFile Name :	093SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	177504	178746	178592	178281	0.38	cps
Molybdenum	95-1	91793	92749	93077	92540	0.72	cps
Molybdenum	96-1	119566	122491	120718	120925	1.22	cps
Molybdenum	97-1	56896	57749	57498	57381	0.76	cps
Molybdenum	98-1	149103	148783	149431	149105	0.22	cps
Neodymium	150-1	33	33	13	27	43.31	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17528	17258	17912	17566	1.87	cps
Phosphorus	31-2	8	17	25	17	50.01	cps
Potassium	39-2	32973	31010	32238	32073	3.09	cps
Rhodium	103-1	5983973	5858081	5969046	5937034	1.16	cps
Rhodium	103-2	1917050	1916501	1931914	1921821	0.46	cps
Scandium	45-1	4141456	3968728	4049964	4053383	2.13	cps
Scandium	45-2	37319	37340	37343	37334	0.03	cps
Selenium	77-2	27	7	30	21	59.77	cps
Selenium	78-2	81	89	85	85	4.35	cps
Selenium	82-1	3115	3026	3218	3120	3.07	cps
Silicon	28-1	2599883	2619653	2622217	2613918	0.47	cps
Silver	109-1	228045	226406	224458	226303	0.79	cps
Silver	107-1	234224	236198	236093	235505	0.47	cps
Sodium	23-2	414879	415116	413663	414553	0.19	cps
Strontium	86-1	66194	66471	66714	66460	0.39	cps
Strontium	88-1	551984	558678	561568	557410	0.88	cps
Sulfur	34-1	370812	369194	370401	370136	0.23	cps
Terbium	159-1	7216652	7064182	7041358	7107397	1.34	cps
Terbium	159-2	1908267	1877323	1872176	1885922	1.04	cps
Thallium	203-1	143916	144354	144758	144343	0.29	cps
Thallium	205-1	345393	345795	344418	345202	0.21	cps
Tin	118-1	145602	146780	149189	147190	1.24	cps
Titanium	47-1	27603	28263	27453	27773	1.55	cps
Uranium	238-1	410314	407134	408989	408812	0.39	cps
Vanadium	51-2	20318	19737	20121	20059	1.47	cps
Yttrium	89-1	6754857	6667748	6623333	6681980	1.00	cps
Yttrium	89-2	253900	253209	251674	252928	0.45	cps
Zinc	66-2	8696	8653	8499	8616	1.20	cps
Zirconium	90-1	343608	345204	345052	344622	0.26	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-03DLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808M	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:44:55	DataFile Name :	093SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75041	76993	77856	76630	1.88	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-01ADLX20 Instrumnet Name : P8
 Client Sample ID : SS039MW002-170808A Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:48:04 DataFile Name : 094SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3626	3409	3567	3534	3.17	cps
Antimony	121-1	218969	218171	219984	219041	0.41	cps
Arsenic	75-2	3864	3749	3751	3788	1.74	cps
Barium	135-1	222413	221778	220324	221505	0.48	cps
Barium	137-1	383355	383602	382716	383225	0.12	cps
Beryllium	9-1	37048	36747	36564	36786	0.66	cps
Bismuth	209-1	3924111	3927287	3902285	3917894	0.35	cps
Bismuth	209-2	1499876	1497068	1492502	1496482	0.25	cps
Boron	10-1	6260	6152	6952	6455	6.73	cps
Boron	11-1	28404	28880	31669	29651	5.95	cps
Cadmium	111-1	49763	48550	49110	49141	1.24	cps
Cadmium	106-1	6477	5927	5701	6035	6.61	cps
Cadmium	108-1	3305	3388	3480	3391	2.58	cps
Calcium	43-1	172353	170202	170728	171094	0.66	cps
Calcium	44-1	2869826	2886133	2855196	2870385	0.54	cps
Chromium	52-2	28396	28713	29254	28788	1.51	cps
Cobalt	59-2	58703	58469	58164	58445	0.46	cps
Copper	63-2	97408	98033	97677	97706	0.32	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	275	275	208	253	15.23	cps
Erbium	164-2	43	57	57	52	14.75	cps
Gadolinium	160-1	58	58	75	64	15.05	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	6698501	6718521	6643412	6686811	0.58	cps
Holmium	165-2	1939100	1915106	1931223	1928476	0.63	cps
Indium	115-1	6086214	6016805	5991144	6031388	0.82	cps
Indium	115-2	338293	337424	338658	338125	0.19	cps
Iron	56-2	1151903	1156149	1147695	1151915	0.37	cps
Iron	57-2	29159	29281	30233	29558	1.99	cps
Lead	206-1	114299	113688	114697	114228	0.45	cps
Lead	207-1	103110	102069	102613	102597	0.51	cps
Lead	208-1	460639	456365	458022	458342	0.47	cps
Lithium	6-1	1126032	1110429	1129250	1121904	0.90	cps
Magnesium	24-2	117079	115039	118097	116738	1.33	cps
Manganese	55-2	24906	25129	25250	25095	0.70	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808AI	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:48:04	DataFile Name :	094SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	173442	174667	175045	174385	0.48	cps
Molybdenum	95-1	91582	92766	90803	91717	1.08	cps
Molybdenum	96-1	121095	120103	119278	120159	0.76	cps
Molybdenum	97-1	57548	57096	58686	57777	1.42	cps
Molybdenum	98-1	147822	147469	149061	148117	0.56	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17321	17458	17478	17419	0.49	cps
Phosphorus	31-2	25	25	17	22	21.64	cps
Potassium	39-2	33699	32814	32121	32878	2.41	cps
Rhodium	103-1	5880886	5823348	5900505	5868247	0.68	cps
Rhodium	103-2	1914784	1865517	1886932	1889078	1.31	cps
Scandium	45-1	4025196	4021594	4026620	4024470	0.06	cps
Scandium	45-2	37814	37557	36768	37380	1.46	cps
Selenium	77-2	30	13	20	21	39.75	cps
Selenium	78-2	56	93	59	69	29.50	cps
Selenium	82-1	3040	3140	3254	3144	3.41	cps
Silicon	28-1	2624631	2608699	2594796	2609375	0.57	cps
Silver	109-1	226265	221159	224323	223916	1.15	cps
Silver	107-1	234771	232526	236296	234531	0.81	cps
Sodium	23-2	415757	418462	421163	418461	0.65	cps
Strontium	86-1	66755	65182	67166	66368	1.58	cps
Strontium	88-1	563615	554485	566283	561461	1.10	cps
Sulfur	34-1	365202	364160	366485	365282	0.32	cps
Terbium	159-1	6931815	6915651	6952609	6933358	0.27	cps
Terbium	159-2	1896148	1913371	1879423	1896314	0.90	cps
Thallium	203-1	143613	143991	142811	143472	0.42	cps
Thallium	205-1	338662	344142	346609	343138	1.19	cps
Tin	118-1	147590	145290	144977	145952	0.98	cps
Titanium	47-1	28070	26935	27770	27592	2.13	cps
Uranium	238-1	402773	401636	402956	402455	0.18	cps
Vanadium	51-2	20612	20305	20609	20509	0.86	cps
Yttrium	89-1	6516794	6486959	6539001	6514251	0.40	cps
Yttrium	89-2	251305	251895	251337	251512	0.13	cps
Zinc	66-2	8636	8876	8453	8655	2.45	cps
Zirconium	90-1	342188	339334	340257	340593	0.43	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	SS039MW002-170808A	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:48:04	DataFile Name :	094SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75317	76817	74487	75540	1.56	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-04DLX20 Instrumnet Name : P8
 Client Sample ID : KY070MW233-170808DL Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:51:11 DataFile Name : 095SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	25	22	21.64	cps
Antimony	121-1	775	867	817	820	5.60	cps
Arsenic	75-2	44	44	56	48	13.33	cps
Barium	135-1	9329	8620	9020	8990	3.95	cps
Barium	137-1	15042	15643	15576	15421	2.14	cps
Beryllium	9-1	178	172	167	172	3.23	cps
Bismuth	209-1	3866716	3978796	4012992	3952835	1.94	cps
Bismuth	209-2	1521393	1515800	1505869	1514354	0.52	cps
Boron	10-1	4192	4309	4259	4254	1.38	cps
Boron	11-1	20006	20565	20799	20457	1.99	cps
Cadmium	111-1	851	773	972	865	11.56	cps
Cadmium	106-1	1192	1042	1358	1197	13.23	cps
Cadmium	108-1	13	8	0	7	91.66	cps
Calcium	43-1	151401	150853	151467	151240	0.22	cps
Calcium	44-1	2524734	2523098	2519489	2522440	0.11	cps
Chromium	52-2	983	960	980	974	1.29	cps
Cobalt	59-2	57	90	63	70	25.20	cps
Copper	63-2	667	697	647	670	3.76	cps
Dysprosium	156-1	33	33	8	25	57.75	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	50	50	33	44	21.66	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	6522442	6666274	6726402	6638373	1.58	cps
Holmium	165-2	1973311	1973834	1935575	1960907	1.12	cps
Indium	115-1	6008389	6175547	6192502	6125479	1.66	cps
Indium	115-2	344548	341273	336183	340668	1.24	cps
Iron	56-2	97847	95055	97387	96763	1.55	cps
Iron	57-2	2517	2517	2306	2447	4.98	cps
Lead	206-1	422	483	411	439	8.86	cps
Lead	207-1	389	389	389	389	0.00	cps
Lead	208-1	1795	1933	1817	1848	4.04	cps
Lithium	6-1	1083792	1143534	1152108	1126478	3.30	cps
Magnesium	24-2	43492	43041	44153	43562	1.28	cps
Manganese	55-2	5901	5288	5318	5502	6.29	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-04DLX20 Instrumnet Name : P8
 Client Sample ID : KY070MW233-170808DL Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:51:11 DataFile Name : 095SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	400	517	350	422	20.26	cps
Molybdenum	95-1	458	400	392	417	8.72	cps
Molybdenum	96-1	500	542	483	508	5.91	cps
Molybdenum	97-1	275	392	442	369	23.15	cps
Molybdenum	98-1	650	508	667	608	14.30	cps
Neodymium	150-1	0	13	27	13	100.01	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	150	137	170	152	11.02	cps
Phosphorus	31-2	8	33	8	17	86.62	cps
Potassium	39-2	5235	5260	5343	5279	1.08	cps
Rhodium	103-1	5825113	5947819	5985904	5919612	1.42	cps
Rhodium	103-2	1951874	1908939	1895501	1918772	1.53	cps
Scandium	45-1	3988155	4111297	4109662	4069705	1.74	cps
Scandium	45-2	37607	37814	37681	37701	0.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	-35	63	35	21	235.86	cps
Silicon	28-1	2396888	2407374	2379094	2394452	0.60	cps
Silver	109-1	708	600	717	675	9.64	cps
Silver	107-1	742	742	692	725	3.98	cps
Sodium	23-2	375678	375562	376206	375815	0.09	cps
Strontium	86-1	101224	100678	103357	101753	1.39	cps
Strontium	88-1	860311	858658	853258	857409	0.43	cps
Sulfur	34-1	420616	421663	418842	420374	0.34	cps
Terbium	159-1	6865307	6958446	7111048	6978267	1.78	cps
Terbium	159-2	1919213	1901221	1896148	1905527	0.64	cps
Thallium	203-1	125	108	117	117	7.14	cps
Thallium	205-1	267	258	208	244	12.91	cps
Tin	118-1	925	833	708	822	13.23	cps
Titanium	47-1	208	158	158	175	16.50	cps
Uranium	238-1	9537	9579	9762	9626	1.24	cps
Vanadium	51-2	33	33	43	37	15.75	cps
Yttrium	89-1	6457671	6650411	6691452	6599844	1.89	cps
Yttrium	89-2	255888	255709	251083	254227	1.07	cps
Zinc	66-2	103	130	150	128	18.32	cps
Zirconium	90-1	592	658	617	622	5.41	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-04DLX20	Instrumnet Name :	P8
Client Sample ID :	KY070MW233-170808DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:51:11	DataFile Name :	095SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	150	183	175	12.60	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-05DLX20 Instrumnet Name : P8
 Client Sample ID : SS042MW007-170809DL Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:54:19 DataFile Name : 096SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	8	75	42	80.00	cps
Antimony	121-1	933	892	992	939	5.35	cps
Arsenic	75-2	98	81	89	90	9.33	cps
Barium	135-1	13049	12139	13007	12732	4.03	cps
Barium	137-1	22270	21627	22270	22055	1.68	cps
Beryllium	9-1	133	139	161	144	10.18	cps
Bismuth	209-1	3974080	4095796	4006306	4025394	1.57	cps
Bismuth	209-2	1450583	1530176	1533010	1504590	3.11	cps
Boron	10-1	3242	3084	3442	3256	5.52	cps
Boron	11-1	14783	14908	15367	15019	2.05	cps
Cadmium	111-1	1060	825	927	937	12.57	cps
Cadmium	106-1	1483	1183	1317	1328	11.32	cps
Cadmium	108-1	17	17	4	13	57.72	cps
Calcium	43-1	132772	134717	132133	133207	1.01	cps
Calcium	44-1	2240959	2240782	2215494	2232412	0.66	cps
Chromium	52-2	1033	943	1110	1029	8.11	cps
Cobalt	59-2	30	33	33	32	5.97	cps
Copper	63-2	560	547	573	560	2.38	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	42	42	8	31	62.99	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	17	33	42	31	41.66	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	6759777	6983836	6766722	6836778	1.86	cps
Holmium	165-2	1881347	2003799	1994482	1959876	3.48	cps
Indium	115-1	6309916	6422820	6287258	6339998	1.15	cps
Indium	115-2	325228	341898	345791	337639	3.24	cps
Iron	56-2	232225	230468	228153	230282	0.89	cps
Iron	57-2	5546	5863	6124	5844	4.95	cps
Lead	206-1	500	428	378	435	14.12	cps
Lead	207-1	417	383	467	422	9.93	cps
Lead	208-1	1961	1772	1767	1833	6.04	cps
Lithium	6-1	1140139	1163821	1163626	1155862	1.18	cps
Magnesium	24-2	29740	28279	28579	28866	2.67	cps
Manganese	55-2	8716	8683	8910	8770	1.40	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : I4707-05DLX20 Instrumnet Name : P8
 Client Sample ID : SS042MW007-170809DL Dilution Factor : 20
 Date & Time Acquired :: 2017-08-10 18:54:19 DataFile Name : 096SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	567	558	650	592	8.57	cps
Molybdenum	95-1	617	492	650	586	14.24	cps
Molybdenum	96-1	675	692	825	731	11.25	cps
Molybdenum	97-1	425	442	433	433	1.92	cps
Molybdenum	98-1	850	792	942	861	8.78	cps
Neodymium	150-1	0	27	20	16	89.22	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	130	157	140	10.38	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	6285	6143	6619	6349	3.84	cps
Rhodium	103-1	5965413	6175386	5934210	6025003	2.18	cps
Rhodium	103-2	1837838	1947950	1935801	1907196	3.17	cps
Scandium	45-1	4136734	4217979	4138040	4164251	1.12	cps
Scandium	45-2	35515	38048	37744	37102	3.73	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-32	67	-34	0	18340.35	cps
Silicon	28-1	2541546	2541564	2550681	2544597	0.21	cps
Silver	109-1	625	642	533	600	9.72	cps
Silver	107-1	675	675	733	694	4.85	cps
Sodium	23-2	145166	145344	141497	144002	1.51	cps
Strontium	86-1	75778	75593	76900	76090	0.93	cps
Strontium	88-1	639951	643324	640396	641224	0.29	cps
Sulfur	34-1	386436	385699	383858	385331	0.34	cps
Terbium	159-1	7142463	7264538	7091286	7166096	1.24	cps
Terbium	159-2	1814461	1910141	1932071	1885558	3.32	cps
Thallium	203-1	92	133	100	108	20.35	cps
Thallium	205-1	133	217	117	156	34.44	cps
Tin	118-1	867	833	725	808	9.16	cps
Titanium	47-1	217	142	158	172	22.87	cps
Uranium	238-1	400	525	442	456	13.97	cps
Vanadium	51-2	33	23	40	32	26.04	cps
Yttrium	89-1	6747230	6932596	6727986	6802604	1.66	cps
Yttrium	89-2	243931	256678	254539	251716	2.71	cps
Zinc	66-2	100	123	97	107	13.62	cps
Zirconium	90-1	625	508	550	561	10.54	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-05DLX20	Instrumnet Name :	P8
Client Sample ID :	SS042MW007-170809DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:54:19	DataFile Name :	096SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	100	125	114	11.18	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-06DLX20	Instrumnet Name :	P8
Client Sample ID :	DUP-0429-170808DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:57:28	DataFile Name :	097SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	50	8	25	88.19	cps
Antimony	121-1	842	758	842	814	5.91	cps
Arsenic	75-2	487	470	444	467	4.59	cps
Barium	135-1	10605	9963	9996	10188	3.55	cps
Barium	137-1	17971	17754	17237	17654	2.14	cps
Beryllium	9-1	139	172	139	150	12.83	cps
Bismuth	209-1	4092799	4012897	4076226	4060641	1.04	cps
Bismuth	209-2	1549789	1557571	1557401	1554920	0.29	cps
Boron	10-1	2725	2984	2975	2895	5.07	cps
Boron	11-1	12614	12406	12756	12592	1.40	cps
Cadmium	111-1	906	914	818	879	6.10	cps
Cadmium	106-1	1275	1267	1167	1236	4.88	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Calcium	43-1	115514	115726	115237	115492	0.21	cps
Calcium	44-1	1951897	1961526	1944898	1952774	0.43	cps
Chromium	52-2	1193	1097	1047	1112	6.70	cps
Cobalt	59-2	103	53	53	70	41.25	cps
Copper	63-2	567	670	550	596	10.92	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	50	25	42	34.64	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	50	67	50	56	17.32	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	6785594	6828834	6861952	6825460	0.56	cps
Holmium	165-2	2011531	2007913	1999135	2006193	0.32	cps
Indium	115-1	6279314	6303018	6378688	6320340	0.82	cps
Indium	115-2	349063	350603	349724	349797	0.22	cps
Iron	56-2	278602	282320	282020	280980	0.73	cps
Iron	57-2	6996	6969	7069	7011	0.74	cps
Lead	206-1	328	400	389	372	10.45	cps
Lead	207-1	278	383	411	357	19.68	cps
Lead	208-1	1472	1628	1756	1619	8.77	cps
Lithium	6-1	1166518	1159293	1206018	1177276	2.14	cps
Magnesium	24-2	23428	23579	23762	23590	0.71	cps
Manganese	55-2	10524	10691	10824	10680	1.41	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-06DLX20	Instrumnet Name :	P8
Client Sample ID :	DUP-0429-170808DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:57:28	DataFile Name :	097SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	450	392	308	383	18.57	cps
Molybdenum	95-1	383	342	325	350	8.58	cps
Molybdenum	96-1	417	450	433	433	3.85	cps
Molybdenum	97-1	275	342	183	267	29.81	cps
Molybdenum	98-1	575	467	558	533	10.94	cps
Neodymium	150-1	13	33	13	20	57.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	167	167	200	178	10.83	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	5401	5743	6018	5721	5.40	cps
Rhodium	103-1	6031515	6148376	6041200	6073697	1.07	cps
Rhodium	103-2	1975963	1943728	1977560	1965750	0.97	cps
Scandium	45-1	4133903	4141015	4160307	4145075	0.33	cps
Scandium	45-2	38653	37908	38680	38414	1.14	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-86	-79	-68	-78	-11.47	cps
Silicon	28-1	2455381	2486165	2456636	2466061	0.71	cps
Silver	109-1	483	550	600	544	10.75	cps
Silver	107-1	625	600	725	650	10.18	cps
Sodium	23-2	180075	178807	181257	180047	0.68	cps
Strontium	86-1	64536	64043	65090	64556	0.81	cps
Strontium	88-1	543546	538901	546209	542885	0.68	cps
Sulfur	34-1	383260	384445	385774	384493	0.33	cps
Terbium	159-1	7159779	7252128	7243755	7218554	0.71	cps
Terbium	159-2	1950956	1941520	1960375	1950950	0.48	cps
Thallium	203-1	100	92	75	89	14.33	cps
Thallium	205-1	242	175	225	214	16.22	cps
Tin	118-1	917	633	858	803	18.64	cps
Titanium	47-1	217	217	217	217	0.00	cps
Uranium	238-1	350	425	292	356	18.80	cps
Vanadium	51-2	30	20	10	20	50.00	cps
Yttrium	89-1	6789876	6756227	6751904	6766002	0.31	cps
Yttrium	89-2	259633	259470	258939	259347	0.14	cps
Zinc	66-2	153	150	207	170	18.70	cps
Zirconium	90-1	475	458	642	525	19.31	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	I4707-06DLX20	Instrumnet Name :	P8
Client Sample ID :	DUP-0429-170808DL	Dilution Factor :	20
Date & Time Acquired ::	2017-08-10 18:57:28	DataFile Name :	097SMPL_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	183	108	142	26.96	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 19:00:35	DataFile Name :	098CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342429	339850	342548	341609	0.45	cps
Antimony	121-1	4895880	4924464	4862097	4894147	0.64	cps
Arsenic	75-2	61185	61287	61558	61343	0.32	cps
Barium	135-1	4299618	4272391	4215161	4262390	1.01	cps
Barium	137-1	7301278	7274202	7278943	7284807	0.20	cps
Beryllium	9-1	691352	681812	682533	685232	0.78	cps
Bismuth	209-1	3875993	3960456	3946188	3927546	1.15	cps
Bismuth	209-2	1490997	1495500	1488661	1491720	0.23	cps
Boron	10-1	78163	80299	81096	79853	1.90	cps
Boron	11-1	355646	360921	364595	360387	1.25	cps
Cadmium	111-1	885946	896883	891810	891546	0.61	cps
Cadmium	106-1	93371	92651	93884	93302	0.66	cps
Cadmium	108-1	61724	62025	63277	62342	1.32	cps
Calcium	43-1	5022506	5032569	5029450	5028175	0.10	cps
Calcium	44-1	82202710	81836925	81363533	81801056	0.51	cps
Chromium	52-2	509890	508134	507656	508560	0.23	cps
Cobalt	59-2	1051421	1046826	1048974	1049074	0.22	cps
Copper	63-2	1837947	1828562	1829398	1831969	0.28	cps
Dysprosium	156-1	100	125	133	119	14.52	cps
Dysprosium	156-2	20	10	10	13	43.30	cps
Erbium	164-1	58	50	58	56	8.67	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	117	92	142	117	21.43	cps
Gadolinium	160-2	17	27	30	24	28.38	cps
Holmium	165-1	6859166	6872609	6935858	6889211	0.59	cps
Holmium	165-2	2030941	2028751	2010698	2023464	0.55	cps
Indium	115-1	5997863	6170337	6116188	6094796	1.45	cps
Indium	115-2	335430	334488	335836	335251	0.21	cps
Iron	56-2	81357496	80849243	80933835	81046858	0.34	cps
Iron	57-2	2094873	2085642	2058170	2079562	0.92	cps
Lead	206-1	2192673	2160235	2168271	2173726	0.78	cps
Lead	207-1	1942480	1925453	1941319	1936418	0.49	cps
Lead	208-1	8793500	8713121	8778506	8761709	0.49	cps
Lithium	6-1	1126746	1152168	1137308	1138741	1.12	cps
Magnesium	24-2	8575651	8554307	8652060	8594006	0.60	cps
Manganese	55-2	277882	275485	276263	276543	0.44	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 19:00:35	DataFile Name :	098CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3475783	3461701	3486823	3474769	0.36	cps
Molybdenum	95-1	1895840	1900434	1915685	1903986	0.55	cps
Molybdenum	96-1	2463707	2454027	2448606	2455447	0.31	cps
Molybdenum	97-1	1136610	1129076	1134458	1133381	0.34	cps
Molybdenum	98-1	3003980	2932686	2976051	2970906	1.21	cps
Neodymium	150-1	107	147	153	136	18.62	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	304056	308563	304911	305843	0.78	cps
Phosphorus	31-2	5660	4826	4734	5073	10.05	cps
Potassium	39-2	2662346	2616851	2677218	2652139	1.19	cps
Rhodium	103-1	5654378	5799121	5772392	5741963	1.34	cps
Rhodium	103-2	1862590	1831659	1840183	1844810	0.87	cps
Scandium	45-1	4103067	4156221	4157874	4139054	0.75	cps
Scandium	45-2	39138	39232	39148	39172	0.13	cps
Selenium	77-2	407	373	460	413	10.58	cps
Selenium	78-2	1395	1480	1459	1445	3.08	cps
Selenium	82-1	57741	58091	57742	57858	0.35	cps
Silicon	28-1	2128056	2113535	2119673	2120422	0.34	cps
Silver	109-1	4252651	4278450	4241379	4257493	0.45	cps
Silver	107-1	4493214	4477996	4454596	4475269	0.43	cps
Sodium	23-2	21562157	21428589	21643706	21544817	0.50	cps
Strontium	86-1	1211141	1205266	1200620	1205676	0.44	cps
Strontium	88-1	10426240	10367870	10227708	10340606	0.99	cps
Sulfur	34-1	681714	685047	680438	682400	0.35	cps
Terbium	159-1	7129647	7320983	7152548	7201059	1.45	cps
Terbium	159-2	1960885	1949853	1942863	1951200	0.47	cps
Thallium	203-1	2731125	2708728	2720172	2720009	0.41	cps
Thallium	205-1	6324589	6255600	6319029	6299739	0.61	cps
Tin	118-1	2942884	2923144	2900946	2922325	0.72	cps
Titanium	47-1	535309	533699	533655	534221	0.18	cps
Uranium	238-1	7886250	7910057	7954741	7917016	0.44	cps
Vanadium	51-2	379158	377913	380945	379339	0.40	cps
Yttrium	89-1	6727897	6869152	6849125	6815391	1.12	cps
Yttrium	89-2	260618	257706	259913	259412	0.59	cps
Zinc	66-2	159191	158324	159016	158844	0.29	cps
Zirconium	90-1	6581500	6639176	6562380	6594352	0.61	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 19:00:35	DataFile Name :	098CCV_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1468722	1473157	1485509	1475796	0.59	cps

LB Number : LB89419 Operator : Jaswal
 Lab Sample ID : CCB88 Instrumnet Name : P8
 Client Sample ID : CCB88 Dilution Factor : 1
 Date & Time Acquired :: 2017-08-10 19:03:33 DataFile Name : 099CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	8	19	49.50	cps
Antimony	121-1	1659	1567	1308	1511	12.01	cps
Arsenic	75-2	7	7	4	6	34.70	cps
Barium	135-1	17	25	8	17	50.01	cps
Barium	137-1	50	108	33	64	61.65	cps
Beryllium	9-1	244	283	272	267	7.51	cps
Bismuth	209-1	4233560	4200128	4193047	4208912	0.51	cps
Bismuth	209-2	1597902	1602157	1595181	1598413	0.22	cps
Boron	10-1	2909	2300	2350	2520	13.41	cps
Boron	11-1	11130	11522	11105	11252	2.08	cps
Cadmium	111-1	904	904	932	913	1.78	cps
Cadmium	106-1	1225	1233	1225	1228	0.39	cps
Cadmium	108-1	29	25	13	22	39.04	cps
Calcium	43-1	2250	2259	2109	2206	3.82	cps
Calcium	44-1	46227	45684	45918	45943	0.59	cps
Chromium	52-2	977	1043	990	1003	3.52	cps
Cobalt	59-2	17	33	20	23	37.78	cps
Copper	63-2	513	480	457	483	5.89	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	25	33	33	25.00	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	100	25	58	61	61.49	cps
Gadolinium	160-2	0	7	10	6	91.64	cps
Holmium	165-1	7100748	7029517	7004358	7044874	0.71	cps
Holmium	165-2	2051074	2073520	2053936	2059510	0.59	cps
Indium	115-1	6420069	6447420	6499418	6455636	0.62	cps
Indium	115-2	359562	356548	358365	358158	0.42	cps
Iron	56-2	3528	3506	3673	3569	2.54	cps
Iron	57-2	67	128	89	94	32.75	cps
Lead	206-1	594	539	533	556	6.08	cps
Lead	207-1	600	450	561	537	14.50	cps
Lead	208-1	2734	2300	2350	2461	9.63	cps
Lithium	6-1	1189570	1181556	1175115	1182080	0.61	cps
Magnesium	24-2	133	175	158	156	13.48	cps
Manganese	55-2	127	93	103	108	15.87	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2017-08-10 19:03:33	DataFile Name :	099CCBE_P8081017.D

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	525	550	467	514	8.32	cps
Molybdenum	95-1	183	275	150	203	31.92	cps
Molybdenum	96-1	292	333	358	328	10.27	cps
Molybdenum	97-1	167	217	158	181	17.47	cps
Molybdenum	98-1	350	275	192	272	29.10	cps
Neodymium	150-1	27	20	0	16	89.22	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	143	60	90	98	43.17	cps
Phosphorus	31-2	0	25	25	17	86.60	cps
Potassium	39-2	3442	3426	3459	3442	0.48	cps
Rhodium	103-1	6300770	6314451	6207679	6274300	0.93	cps
Rhodium	103-2	2013024	2011508	2031250	2018594	0.54	cps
Scandium	45-1	4350597	4283152	4264284	4299344	1.06	cps
Scandium	45-2	39666	39539	39910	39705	0.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	2	4	50.09	cps
Selenium	82-1	-59	19	-9	-16	-242.22	cps
Silicon	28-1	378129	379940	388323	382131	1.42	cps
Silver	109-1	642	500	508	550	14.45	cps
Silver	107-1	525	633	483	547	14.15	cps
Sodium	23-2	10796	10705	11263	10921	2.74	cps
Strontium	86-1	1500	1467	1192	1386	12.21	cps
Strontium	88-1	608	692	542	614	12.24	cps
Sulfur	34-1	362435	362836	361708	362326	0.16	cps
Terbium	159-1	7442927	7355483	7287055	7361821	1.06	cps
Terbium	159-2	2018652	1988109	1995723	2000828	0.79	cps
Thallium	203-1	308	325	375	336	10.32	cps
Thallium	205-1	883	692	867	814	13.05	cps
Tin	118-1	1258	1358	1208	1275	5.99	cps
Titanium	47-1	150	92	125	122	23.95	cps
Uranium	238-1	75	58	83	72	17.62	cps
Vanadium	51-2	13	13	27	18	43.33	cps
Yttrium	89-1	7009330	7060053	6966177	7011853	0.67	cps
Yttrium	89-2	266086	266026	266167	266093	0.03	cps
Zinc	66-2	103	53	87	81	31.39	cps
Zirconium	90-1	958	1058	875	964	9.52	cps

LB Number :	LB89419	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	283	233	283	267	10.82	cps