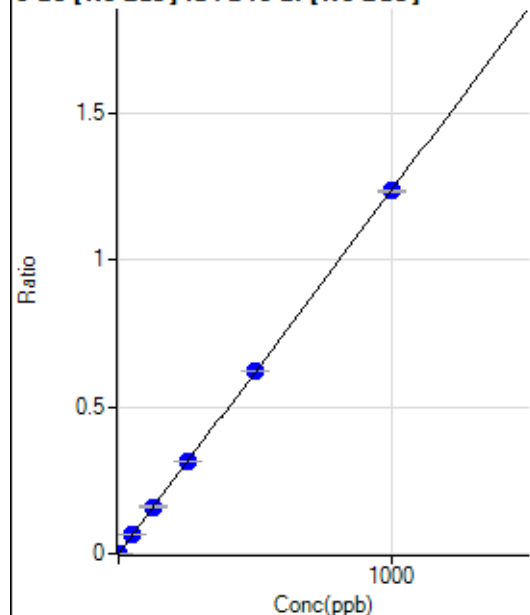


Batch Folder: D:\P8091217- MS .b\
Analysis File: P8091217- MS .batch.bin
DA Date-Time: 2017-09-12 18:42:38
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P8091217- MS.D	S00	2017-09-12 12:18:46
2			
3	005CALS P8091217- MS.D	S02	2017-09-12 12:25:59
4	006CALS P8091217- MS.D	S03	2017-09-12 12:29:28
5	007CALS P8091217- MS.D	S04	2017-09-12 12:32:58
6	008CALS P8091217- MS.D	S05	2017-09-12 12:36:23
7	009CALS P8091217- MS.D	S06	2017-09-12 12:39:42
8	010CALS P8091217- MS.D	S07	2017-09-12 12:42:55
9	011CALS P8091217- MS.D	S08	2017-09-12 12:46:05

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.93	0.0002	P	12.1
2	☐	0.100					
3	☐	1.000	0.895	931.54	0.0013	P	2.9
4	☐	50.000	50.403	45186.12	0.0626	P	0.4
5	☐	125.000	128.730	114837.51	0.1596	P	3.5
6	☐	250.000	252.135	227158.34	0.3124	P	0.4
7	☐	500.000	501.288	453309.41	0.6209	P	0.5
8	☐	1000.000	998.336	880087.77	1.2364	P	0.8
9	☐			435.20	0.0007	P	7.0

$$y = 0.0012 * x + 1.7758E-004$$

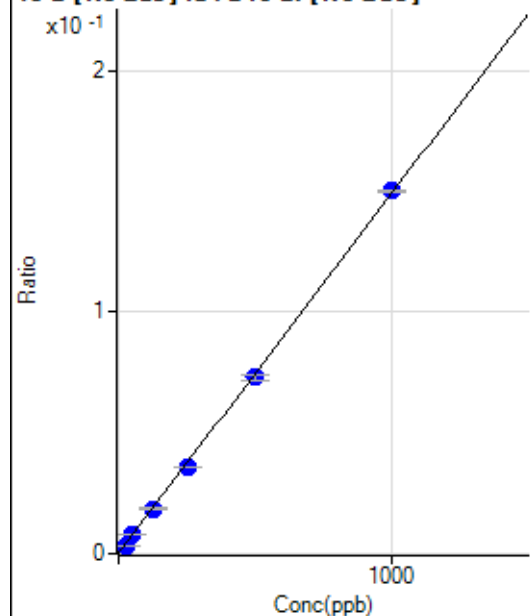
$$R = 1.0000$$

$$DL = 0.05215$$

$$BEC = 0.1434$$

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	144.45	0.0002	P	16.5
2	☐	2.500					
3	☐	25.000	20.975	2408.65	0.0033	P	2.4
4	☐	50.000	50.774	5601.34	0.0078	P	4.5
5	☐	125.000	123.635	13378.91	0.0186	P	4.9
6	☐	250.000	240.602	26177.47	0.0360	P	0.8
7	☐	500.000	490.386	53414.27	0.0732	P	3.2
8	☐	1000.000	1007.389	106831.11	0.1501	P	0.3
9	☐			3417.19	0.0051	P	1.0

$$y = 1.4878E-004 * x + 2.0433E-004$$

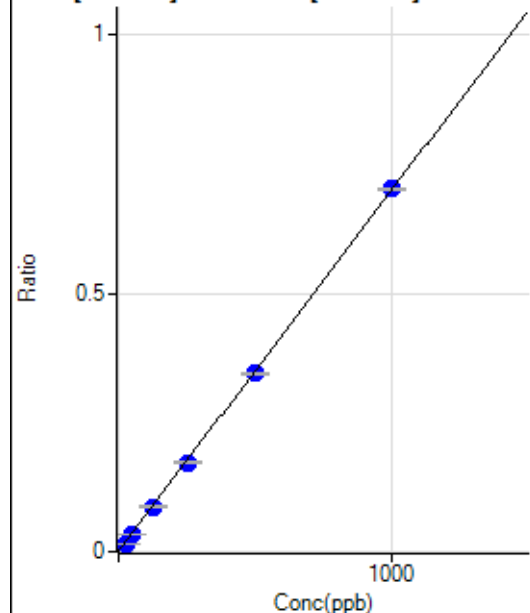
$$R = 0.9999$$

$$DL = 0.6793$$

$$BEC = 1.373$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	627.82	0.0009	P	13.1
2	☐	2.500					
3	☐	25.000	20.420	10965.80	0.0151	P	3.1
4	☐	50.000	47.847	24744.32	0.0343	P	0.3
5	☐	125.000	122.991	62403.74	0.0867	P	3.3
6	☐	250.000	246.319	125640.11	0.1728	P	1.2
7	☐	500.000	492.894	251768.08	0.3449	P	1.2
8	☐	1000.000	1004.947	499846.31	0.7022	P	0.6
9	☐			15914.99	0.0240	P	5.4

$$y = 6.9786E-004 * x + 8.8678E-004$$

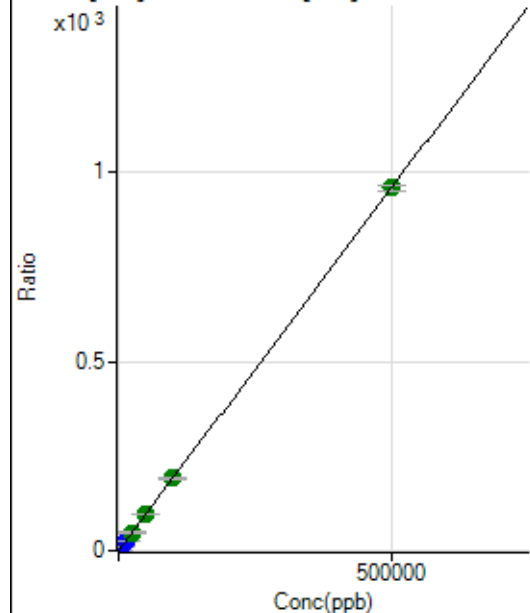
$$R = 1.0000$$

$$DL = 0.5009$$

$$BEC = 1.271$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3617.30	0.0881	P	8.5
2	☐	50.000					
3	☐	500.000	437.155	38748.31	0.9270	P	3.2
4	☐	5000.000	4859.090	395319.82	9.4123	P	1.6
5	☐	12500.000	12176.075	990521.03	23.4529	P	1.0
6	☐	25000.000	25022.984	1985328.52	48.1049	A	1.9
7	☐	50000.000	50399.152	3849792.58	96.7994	A	0.4
8	☐	100000.00	99993.088	7521898.17	191.9655	A	1.8
9	☐	500000.00	499969.88	36758869.92	959.4836	A	1.6

$$y = 0.0019 * x + 0.0881$$

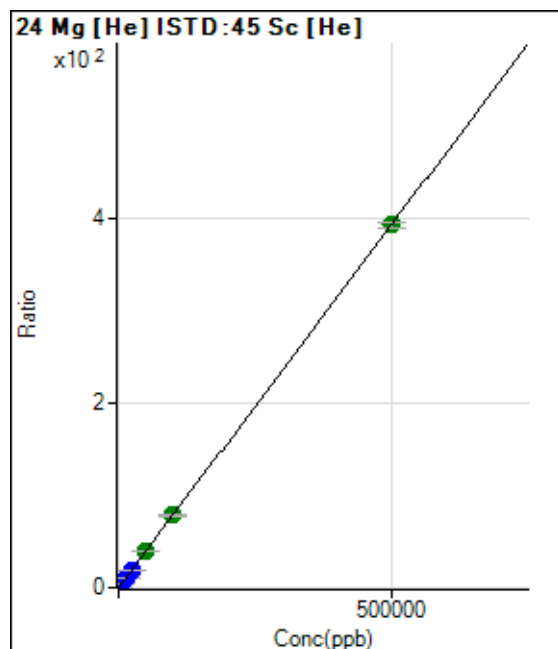
$$R = 1.0000$$

$$DL = 11.74$$

$$BEC = 45.94$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	255.57	0.0062	P	4.3
2	☐	50.000					
3	☐	500.000	430.430	14377.32	0.3438	P	2.0
4	☐	5000.000	4879.297	161002.60	3.8333	P	1.5
5	☐	12500.000	12260.151	406390.88	9.6225	P	1.4
6	☐	25000.000	24829.199	804015.62	19.4811	P	1.5
7	☐	50000.000	50973.243	1590340.28	39.9873	A	0.6
8	☐	100000.00	100128.09	3077626.46	78.5421	A	1.9
9	☐	500000.00	499892.86	15021367.87	392.0991	A	1.9

$$y = 7.8435\text{E-}004 * x + 0.0062$$

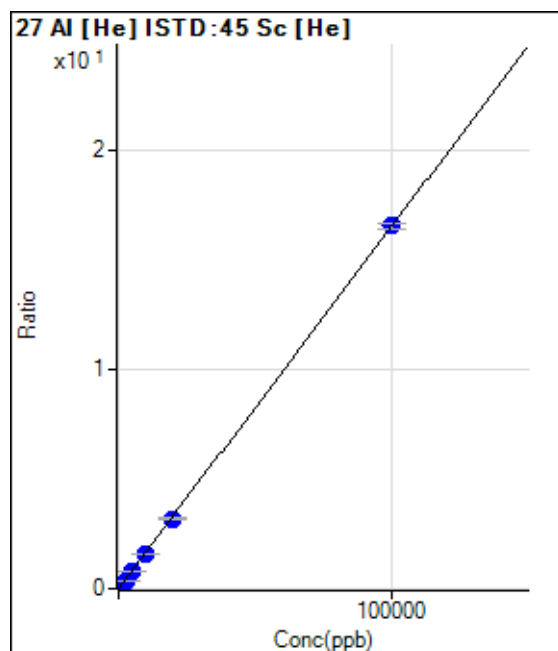
$$R = 1.0000$$

$$DL = 1.016$$

$$BEC = 7.938$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0004	P	49.5
2	☐	2.000					
3	☐	20.000	20.024	155.56	0.0037	P	18.7
4	☐	1000.000	970.217	6749.11	0.1607	P	4.3
5	☐	2500.000	2325.874	16243.35	0.3846	P	2.2
6	☐	5000.000	4813.187	32830.69	0.7955	P	2.3
7	☐	10000.000	9737.195	63992.06	1.6090	P	0.9
8	☐	20000.000	19255.297	124649.25	3.1814	P	2.4
9	☐	100000.00	100189.21	634106.92	16.5515	P	1.6

$$y = 1.6520\text{E-}004 * x + 4.0566\text{E-}004$$

$$R = 1.0000$$

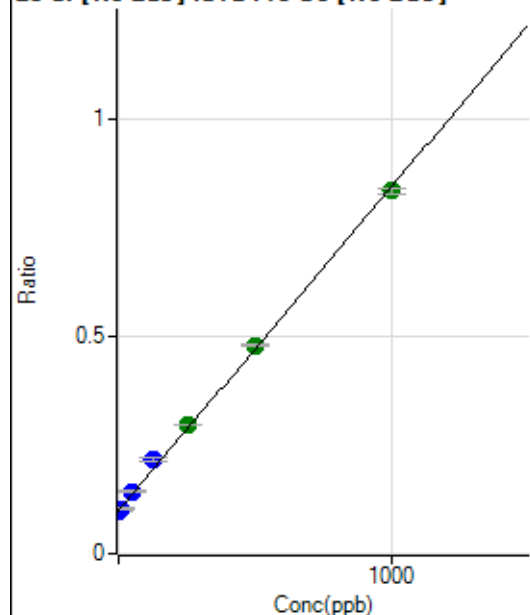
$$DL = 3.643$$

$$BEC = 2.456$$

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	379831.92	0.0990	P	1.9
2	☐	1.000					
3	☐	10.000	5.504	406493.42	0.1031	P	3.2
4	☐	50.000	59.666	568351.73	0.1434	P	0.9
5	☐	125.000	158.144	854974.08	0.2168	P	3.1
6	☐	250.000	266.388	1185056.68	0.2975	A	0.6
7	☐	500.000	508.799	1890289.45	0.4781	A	0.8
8	☐	1000.000	986.922	3200438.85	0.8344	A	1.5
9	☐			473545.31	0.1267	P	1.2

$$y = 7.4522\text{E-}004 * x + 0.0990$$

$$R = 0.9993$$

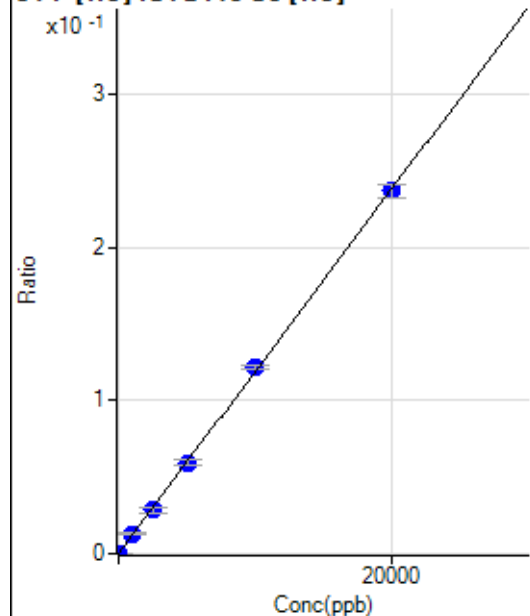
$$DL = 7.612$$

$$BEC = 132.8$$

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	8.475	8.33	0.0002	P	99.8
2	☐	0.000					
3	☐	0.000	-8.475	0.00	0.0000	P	
4	☐	1000.000	1084.917	547.26	0.0130	P	14.7
5	☐	2500.000	2386.381	1202.89	0.0285	P	11.5
6	☐	5000.000	4976.783	2447.55	0.0593	P	6.8
7	☐	10000.000	10206.952	4834.34	0.1216	P	2.5
8	☐	20000.000	19912.285	9286.81	0.2371	P	3.5
9	☐			5.55	0.0001	P	86.6

$$y = 1.1900\text{E-}005 * x + 1.0085\text{E-}004$$

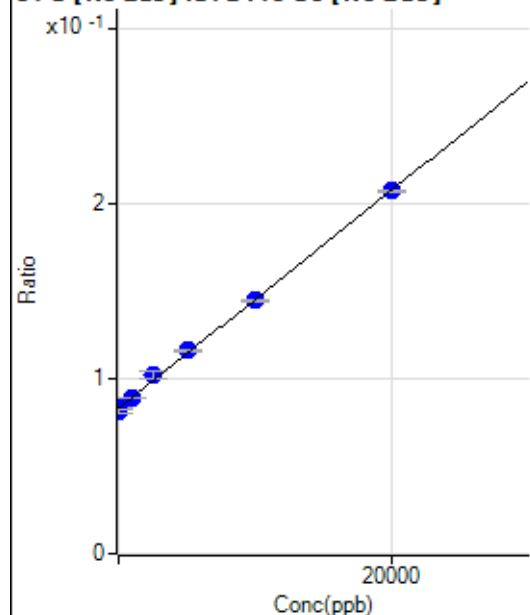
$$R = 0.9999$$

$$DL = 25.37$$

$$BEC = 8.475$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	294.214	325534.90	0.0848	P	2.9
2	☐	0.000					
3	☐	0.000	-294.214	320204.19	0.0812	P	1.9
4	☐	1000.000	945.272	352233.63	0.0889	P	0.2
5	☐	2500.000	3071.930	402587.23	0.1021	P	4.3
6	☐	5000.000	5267.133	461256.65	0.1158	P	0.2
7	☐	10000.000	9872.878	571089.30	0.1445	P	0.8
8	☐	20000.000	19928.023	794084.00	0.2070	P	0.6
9	☐			311274.55	0.0833	P	0.7

$$y = 6.2237E-006 * x + 0.0830$$

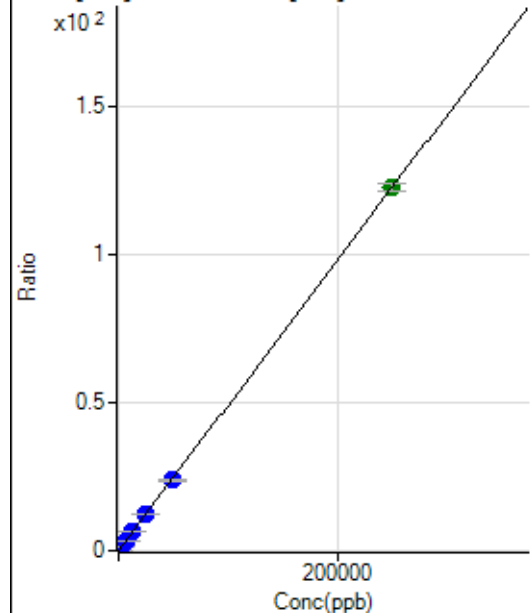
$$R = 0.9992$$

$$DL = 956.9$$

$$BEC = 1.334E+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3211.65	0.0783	P	1.4
2	☐	50.000					
3	☐	500.000	438.513	12236.43	0.2928	P	5.6
4	☐	2500.000	2573.861	56176.91	1.3375	P	1.7
5	☐	6250.000	6385.023	135235.57	3.2021	P	1.5
6	☐	12500.000	12603.220	257732.40	6.2444	P	1.2
7	☐	25000.000	24975.952	489105.28	12.2978	P	0.2
8	☐	50000.000	48450.012	931925.81	23.7825	P	1.6
9	☐	250000.00	250303.25	4694448.76	122.5392	A	2.0

$$y = 4.8925E-004 * x + 0.0783$$

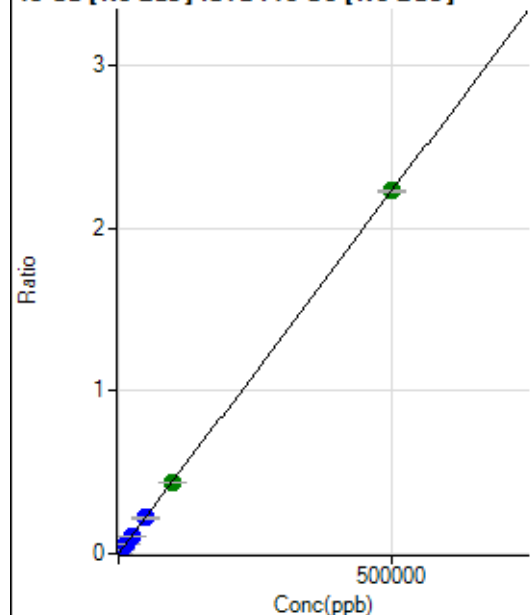
$$R = 1.0000$$

$$DL = 6.746$$

$$BEC = 160$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1661.30	0.0004	P	3.4
2	☐	50.000					
3	☐	500.000	437.044	9384.06	0.0024	P	3.8
4	☐	5000.000	4949.314	88995.93	0.0225	P	1.9
5	☐	12500.000	12820.349	226612.74	0.0575	P	4.6
6	☐	25000.000	24952.679	444116.64	0.1115	P	0.5
7	☐	50000.000	49142.708	866376.87	0.2191	P	0.7
8	☐	100000.00	97873.148	1672303.11	0.4360	A	2.1
9	☐	500000.00	500506.02	8329299.66	2.2280	A	0.8

$$y = 4.4505E-006 * x + 4.3244E-004$$

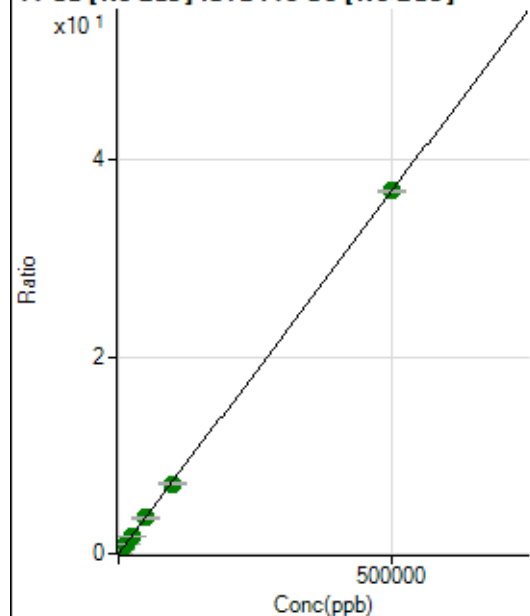
$$R = 1.0000$$

$$DL = 9.953$$

$$BEC = 97.17$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30253.01	0.0079	P	3.4
2	☐	50.000					
3	☐	500.000	428.538	155449.54	0.0394	P	1.2
4	☐	5000.000	5056.721	1505184.15	0.3799	A	0.1
5	☐	12500.000	12736.922	3724564.88	0.9448	A	4.2
6	☐	25000.000	24738.494	7280440.70	1.8276	A	0.5
7	☐	50000.000	49056.480	14296604.14	3.6164	A	1.4
8	☐	100000.00	96327.823	27207462.94	7.0937	A	1.3
9	☐	500000.00	500835.44	137760851.6	36.8489	A	0.9

$$y = 7.3559E-005 * x + 0.0079$$

$$R = 1.0000$$

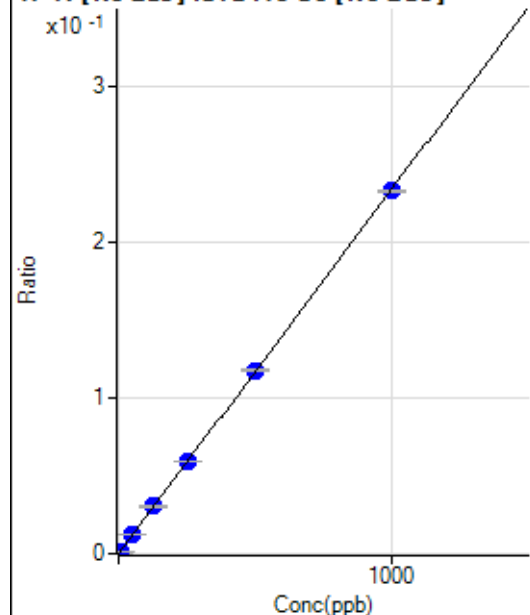
$$DL = 10.94$$

$$BEC = 107.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	111.12	0.0000	P	13.1
2	☐	0.500					
3	☐	5.000	4.466	4228.59	0.0011	P	3.7
4	☐	50.000	50.736	47071.99	0.0119	P	1.1
5	☐	125.000	129.623	119509.33	0.0303	P	2.8
6	☐	250.000	254.151	236576.86	0.0594	P	0.8
7	☐	500.000	504.030	465509.40	0.1178	P	1.2
8	☐	1000.000	996.335	892654.60	0.2327	P	0.7
9	☐			777.84	0.0002	P	12.0

$$y = 2.3356E-004 * x + 2.8875E-005$$

$$R = 1.0000$$

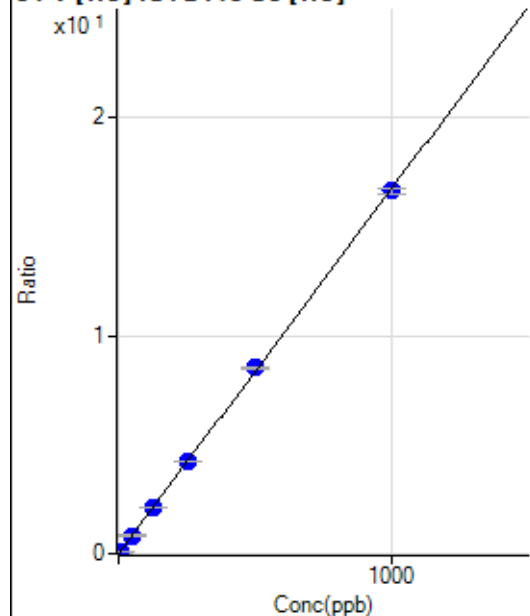
$$DL = 0.04865$$

$$BEC = 0.1236$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14.45	0.0004	P	25.9
2	☐	0.500					
3	☐	5.000	4.466	3137.07	0.0750	P	0.8
4	☐	50.000	49.936	35090.70	0.8354	P	1.1
5	☐	125.000	125.830	88887.58	2.1046	P	1.6
6	☐	250.000	252.793	174508.66	4.2279	P	0.4
7	☐	500.000	509.043	338580.86	8.5132	P	0.4
8	☐	1000.000	994.683	651825.24	16.6347	P	1.7
9	☐			207.78	0.0054	P	23.7

$$y = 0.0167 * x + 3.5144E-004$$

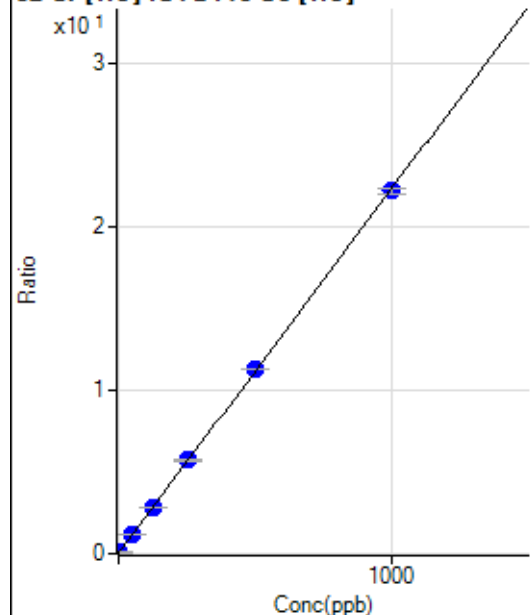
$$R = 0.9999$$

$$DL = 0.01632$$

$$BEC = 0.02102$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	734.48	0.0179	P	3.1
2	☐	0.200					
3	☐	2.000	1.871	2488.04	0.0595	P	6.1
4	☐	50.000	51.003	48437.06	1.1533	P	1.9
5	☐	125.000	127.674	120791.09	2.8600	P	1.0
6	☐	250.000	255.335	235334.71	5.7018	P	0.9
7	☐	500.000	507.774	450269.62	11.3212	P	0.2
8	☐	1000.000	994.395	868096.61	22.1537	P	1.8
9	☐			8014.64	0.2092	P	2.8

$$y = 0.0223 * x + 0.0179$$

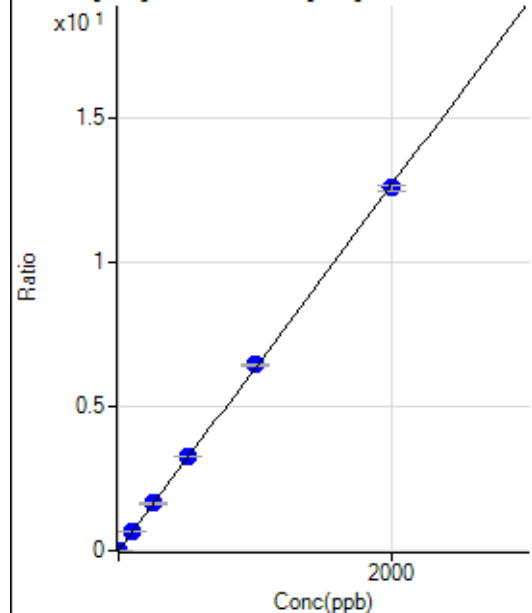
$$R = 0.9999$$

$$DL = 0.07394$$

$$BEC = 0.804$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	114.45	0.0028	P	19.5
2	☐	0.100					
3	☐	1.000	0.895	353.35	0.0085	P	16.0
4	☐	100.000	105.933	28318.90	0.6743	P	1.8
5	☐	250.000	258.476	69308.83	1.6412	P	2.0
6	☐	500.000	518.433	135757.72	3.2890	P	0.5
7	☐	1000.000	1017.615	256648.48	6.4531	P	0.6
8	☐	2000.000	1985.228	493183.66	12.5865	P	1.8
9	☐			1725.69	0.0451	P	6.9

$$y = 0.0063 * x + 0.0028$$

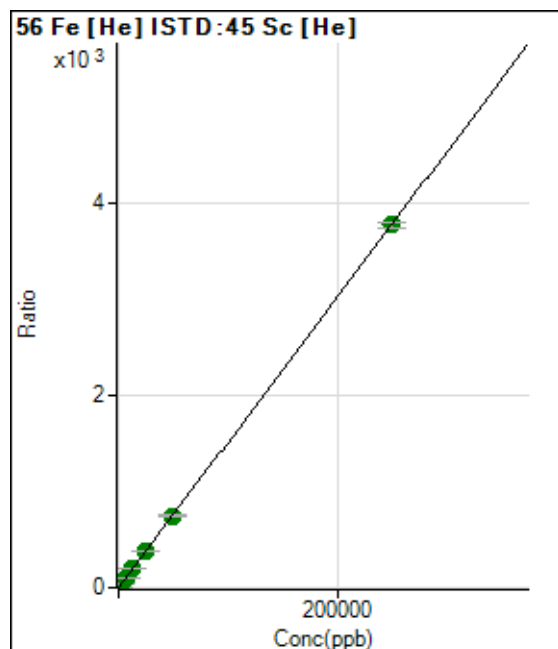
$$R = 0.9999$$

$$DL = 0.2571$$

$$BEC = 0.4397$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2057.63	0.0502	P	4.5
2	☐	5.000					
3	☐	50.000	44.352	30094.11	0.7199	P	2.4
4	☐	2500.000	2592.192	1646383.83	39.1938	A	0.4
5	☐	6250.000	6424.633	4099382.58	97.0659	A	1.5
6	☐	12500.000	12770.516	7960995.49	192.8925	A	1.7
7	☐	25000.000	25542.666	15341644.21	385.7595	A	0.9
8	☐	50000.000	49427.972	29250229.13	746.4417	A	1.3
9	☐	250000.00	250041.32	144660475.4	3,775.821	A	1.3

$$y = 0.0151 * x + 0.0502$$

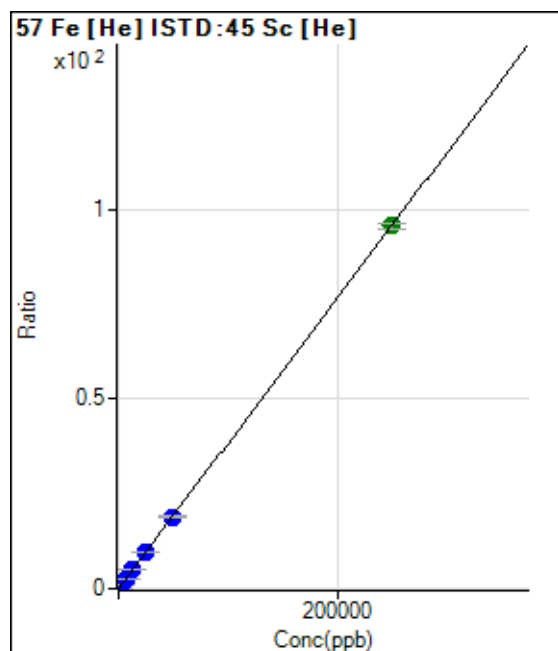
$$R = 1.0000$$

$$DL = 0.45$$

$$BEC = 3.321$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0018	P	27.5
2	☐	5.000					
3	☐	50.000	43.682	772.27	0.0185	P	16.6
4	☐	2500.000	2565.362	41269.03	0.9828	P	4.0
5	☐	6250.000	6370.418	102966.31	2.4379	P	0.8
6	☐	12500.000	12765.787	201555.20	4.8836	P	1.4
7	☐	25000.000	25416.714	386626.37	9.7214	P	0.6
8	☐	50000.000	49504.363	741867.12	18.9328	P	1.7
9	☐	250000.00	250040.50	3663308.65	95.6204	A	1.7

$$y = 3.8241E-004 * x + 0.0018$$

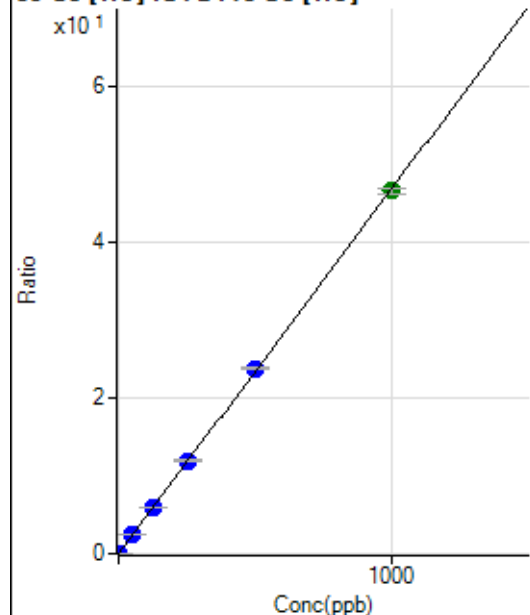
$$R = 1.0000$$

$$DL = 3.802$$

$$BEC = 4.601$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	84.45	0.0021	P	10.7
2	☐	0.100					
3	☐	1.000	0.912	1869.05	0.0447	P	5.8
4	☐	50.000	50.910	100037.27	2.3817	P	0.9
5	☐	125.000	125.424	247668.20	5.8645	P	2.0
6	☐	250.000	254.207	490485.12	11.8841	P	1.2
7	☐	500.000	507.723	943900.16	23.7337	P	0.6
8	☐	1000.000	994.988	1822437.47	46.5092	A	1.7
9	☐			2251.33	0.0588	P	3.6

$$y = 0.0467 * x + 0.0021$$

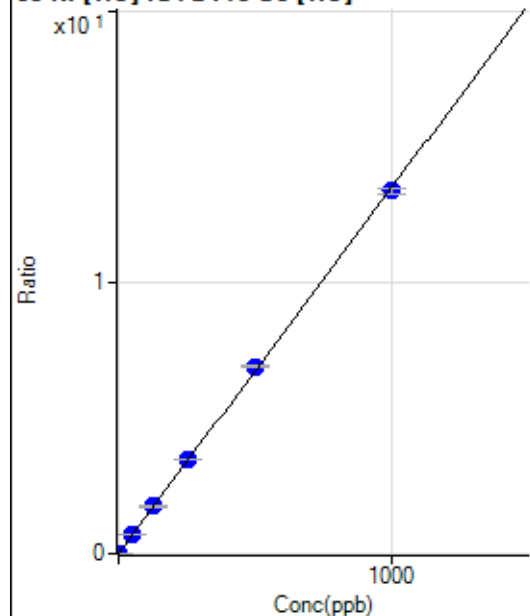
$$R = 0.9999$$

$$DL = 0.0142$$

$$BEC = 0.04405$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	254.45	0.0062	P	7.2
2	☐	0.100					
3	☐	1.000	0.895	763.37	0.0183	P	1.9
4	☐	50.000	51.544	29406.87	0.7002	P	2.0
5	☐	125.000	128.667	73427.89	1.7385	P	1.0
6	☐	250.000	257.901	143570.88	3.4785	P	1.0
7	☐	500.000	511.631	274208.79	6.8947	P	0.5
8	☐	1000.000	991.674	523436.19	13.3579	P	1.5
9	☐			2115.75	0.0552	P	1.7

$$y = 0.0135 * x + 0.0062$$

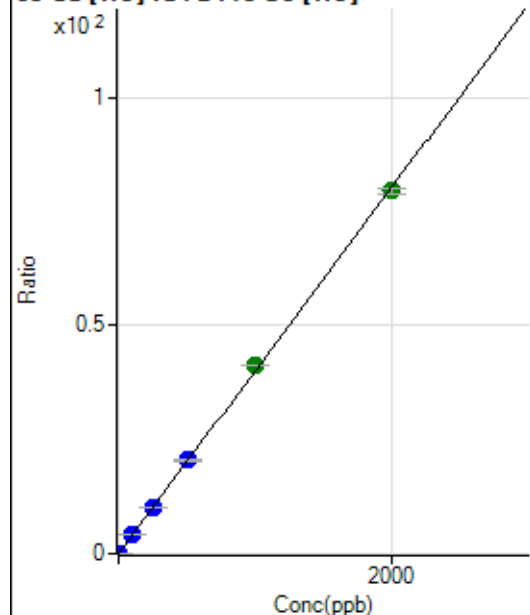
$$R = 0.9999$$

$$DL = 0.09991$$

$$BEC = 0.4606$$

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	223.34	0.0054	P	9.4
2	☐	0.200					
3	☐	2.000	1.938	3476.04	0.0831	P	1.1
4	☐	100.000	101.173	170538.90	4.0603	P	1.3
5	☐	250.000	253.988	430142.36	10.1848	P	1.2
6	☐	500.000	510.423	844576.64	20.4622	P	0.9
7	☐	1000.000	1028.318	1639297.03	41.2184	A	0.5
8	☐	2000.000	1982.678	3113955.93	79.4673	A	1.6
9	☐			4847.60	0.1266	P	5.2

$$y = 0.0401 * x + 0.0054$$

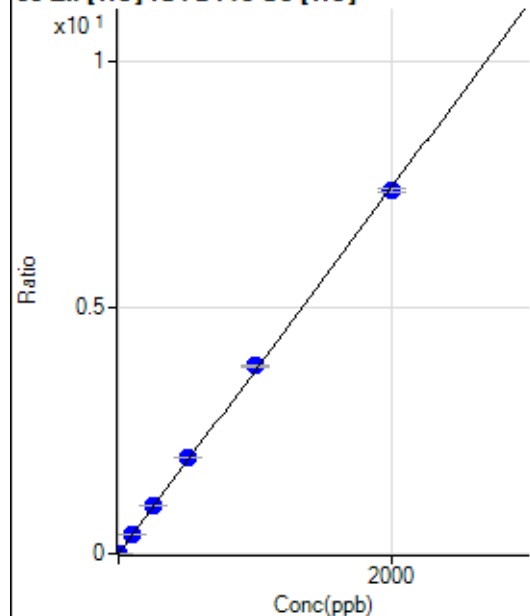
$$R = 0.9998$$

$$DL = 0.03833$$

$$BEC = 0.1358$$

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	50.00	0.0012	P	34.0
2	☐	0.200					
3	☐	2.000	1.926	350.01	0.0084	P	4.5
4	☐	100.000	105.784	16553.42	0.3941	P	0.5
5	☐	250.000	259.279	40719.75	0.9641	P	1.0
6	☐	500.000	521.384	79972.07	1.9375	P	0.6
7	☐	1000.000	1024.688	151396.66	3.8067	P	0.4
8	☐	2000.000	1980.861	288336.24	7.3577	P	1.0
9	☐			1232.30	0.0321	P	9.8

$$y = 0.0037 * x + 0.0012$$

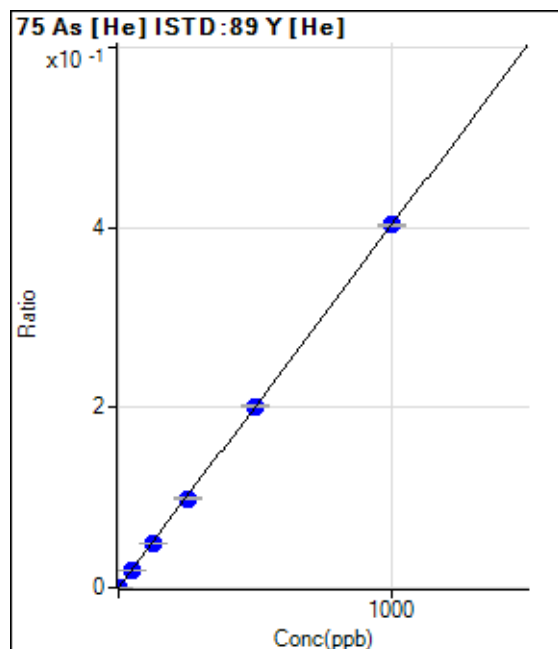
$$R = 0.9998$$

$$DL = 0.3334$$

$$BEC = 0.3274$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.02	0.0000	P	57.9
2	☐	0.100					
3	☐	1.000	0.858	112.97	0.0004	P	4.3
4	☐	50.000	48.858	6051.38	0.0197	P	0.8
5	☐	125.000	122.652	15188.67	0.0494	P	1.4
6	☐	250.000	246.104	29846.42	0.0992	P	1.6
7	☐	500.000	500.491	57667.16	0.2016	P	0.4
8	☐	1000.000	1001.079	110410.67	0.4033	P	0.7
9	☐			46.91	0.0002	P	28.7

$$y = 4.0285\text{E-}004 * x + 2.6793\text{E-}005$$

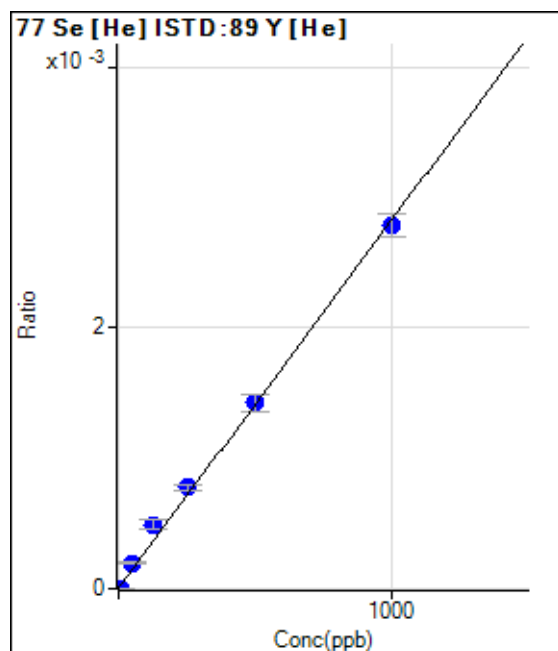
$$R = 1.0000$$

$$DL = 0.1156$$

$$BEC = 0.06651$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	-0.013	1.11	0.0000	P	173.2
4	☐	50.000	68.023	60.00	0.0002	P	5.7
5	☐	125.000	171.951	150.00	0.0005	P	15.8
6	☐	250.000	273.743	233.34	0.0008	P	6.1
7	☐	500.000	504.824	407.79	0.0014	P	9.2
8	☐	1000.000	984.907	761.15	0.0028	P	6.3
9	☐			1.11	0.0000	P	173.2

$$y = 2.8187\text{E-}006 * x + 3.7040\text{E-}006$$

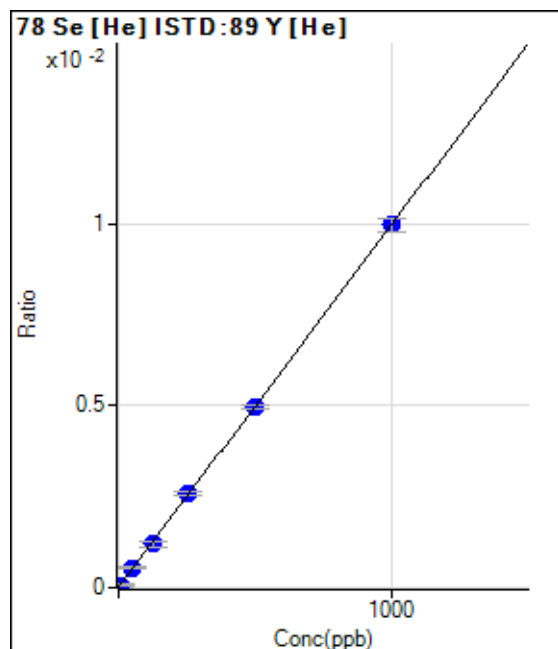
$$R = 0.9986$$

$$DL = 6.828$$

$$BEC = 1.314$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.09	0.0000	P	69.2
2	☐	0.500					
3	☐	5.000	6.120	21.61	0.0001	P	34.7
4	☐	50.000	54.333	169.14	0.0006	P	12.6
5	☐	125.000	120.071	370.38	0.0012	P	13.0
6	☐	250.000	258.784	778.42	0.0026	P	2.3
7	☐	500.000	496.480	1416.14	0.0050	P	2.0
8	☐	1000.000	999.958	2728.07	0.0100	P	3.8
9	☐			3.71	0.0000	P	86.6

$$y = 9.9543\text{E-}006 * x + 1.0311\text{E-}005$$

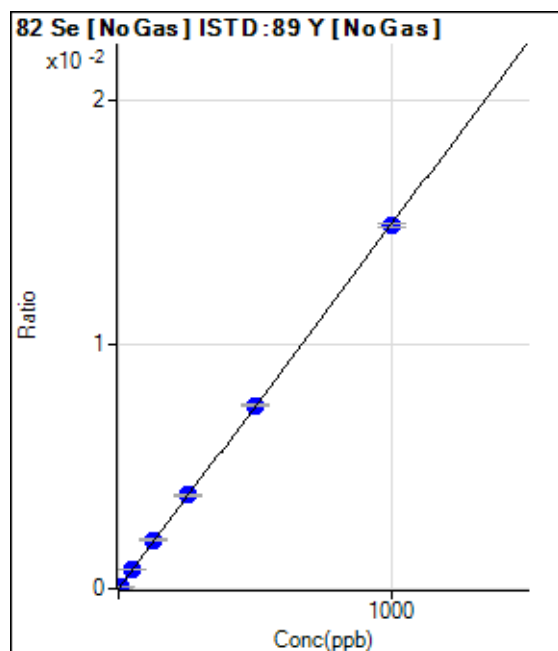
$$R = 0.9999$$

$$DL = 2.151$$

$$BEC = 1.036$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-62.60	0.0000	P	-112.
2	☐	0.500					
3	☐	5.000	4.424	466.77	0.0001	P	15.2
4	☐	50.000	52.549	6213.30	0.0008	P	1.6
5	☐	125.000	133.173	15963.07	0.0020	P	4.2
6	☐	250.000	255.932	31429.15	0.0038	P	0.7
7	☐	500.000	503.767	61854.47	0.0075	P	0.9
8	☐	1000.000	995.487	117515.32	0.0148	P	1.1
9	☐			55.34	0.0000	P	187.3

$$y = 1.4911\text{E-}005 * x - 7.9611\text{E-}006$$

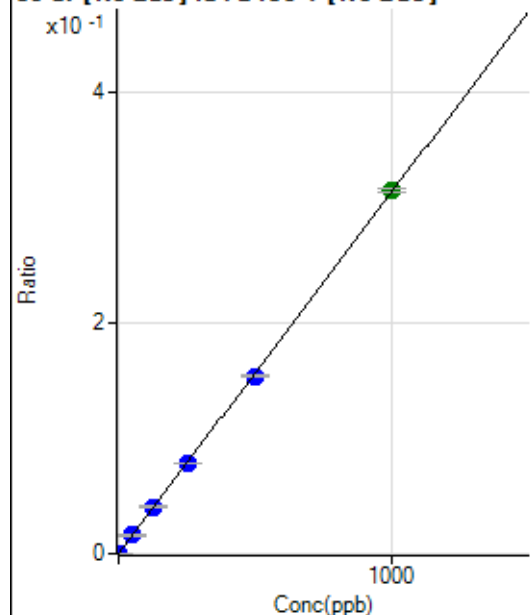
$$R = 0.9999$$

$$DL = 1.804$$

$$BEC = -0.5339$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	913.96	0.0001	P	5.5
2	☐	0.100					
3	☐	1.000	0.890	3194.95	0.0004	P	2.2
4	☐	50.000	50.400	127574.80	0.0159	P	1.3
5	☐	125.000	128.079	325156.62	0.0403	P	4.3
6	☐	250.000	248.186	643351.42	0.0780	P	0.7
7	☐	500.000	491.900	1272707.36	0.1544	P	0.7
8	☐	1000.000	1004.098	2495342.31	0.3150	A	1.2
9	☐			82591.49	0.0106	P	1.1

$$y = 3.1363\text{E-}004 * x + 1.1806\text{E-}004$$

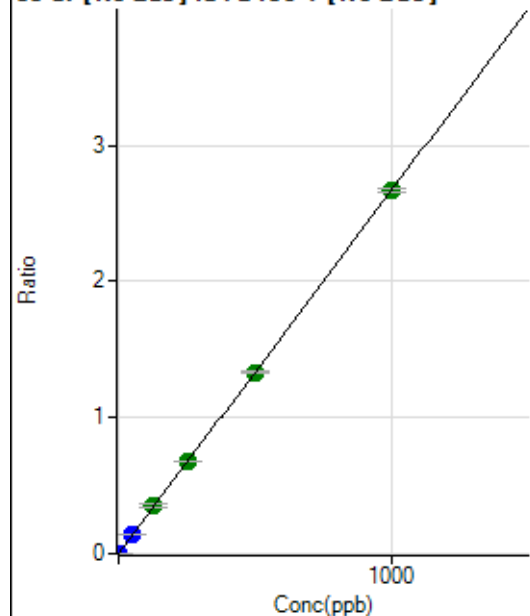
$$R = 0.9999$$

$$DL = 0.06222$$

$$BEC = 0.3764$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	219.45	0.0000	P	21.4
2	☐	0.100					
3	☐	1.000	0.903	19601.07	0.0024	P	3.5
4	☐	50.000	51.177	1093821.31	0.1365	P	0.8
5	☐	125.000	131.675	2834395.53	0.3513	A	5.1
6	☐	250.000	253.432	5579037.50	0.6760	A	0.9
7	☐	500.000	499.377	10980394.69	1.3320	A	0.6
8	☐	1000.000	998.561	21097678.42	2.6635	A	1.1
9	☐			713519.68	0.0914	P	1.0

$$y = 0.0027 * x + 2.8315\text{E-}005$$

$$R = 1.0000$$

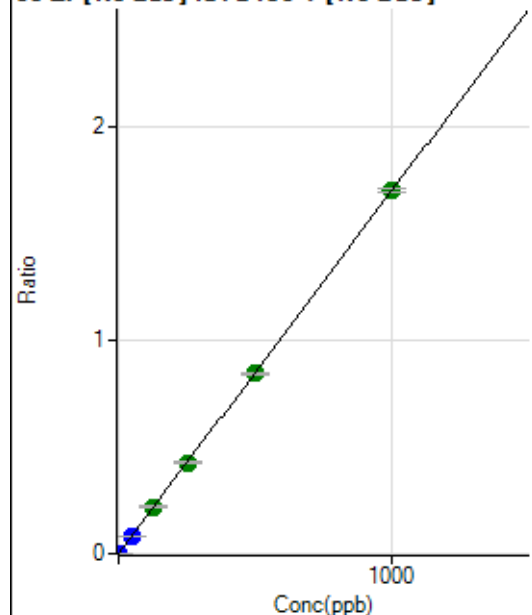
$$DL = 0.006803$$

$$BEC = 0.01062$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	519.48	0.0001	P	5.4
2	☐	0.100					
3	☐	1.000	0.846	12105.93	0.0015	P	1.1
4	☐	50.000	49.822	678890.38	0.0847	P	0.8
5	☐	125.000	129.232	1773538.74	0.2197	A	3.5
6	☐	250.000	251.468	3527585.23	0.4274	A	0.6
7	☐	500.000	496.826	6960654.24	0.8444	A	0.7
8	☐	1000.000	1000.700	13471653.25	1.7008	A	1.1
9	☐			2580.92	0.0003	P	7.6

$$y = 0.0017 * x + 6.7057E-005$$

$$R = 1.0000$$

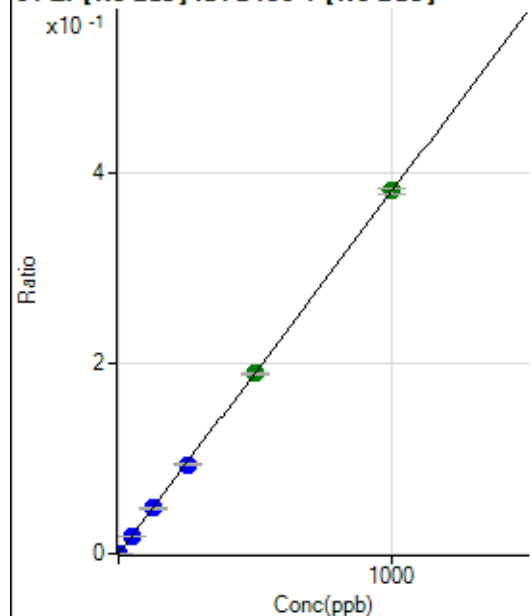
$$DL = 0.006333$$

$$BEC = 0.03946$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.89	0.0000	P	20.3
2	☐	0.100					
3	☐	1.000	0.858	2742.07	0.0003	P	4.7
4	☐	50.000	49.285	150142.29	0.0187	P	0.8
5	☐	125.000	125.722	385637.47	0.0478	P	4.5
6	☐	250.000	246.266	772340.03	0.0936	P	0.9
7	☐	500.000	497.481	1558304.05	0.1890	A	0.5
8	☐	1000.000	1002.139	3016189.87	0.3808	A	1.4
9	☐			608.38	0.0001	P	14.1

$$y = 3.7997E-004 * x + 1.4744E-005$$

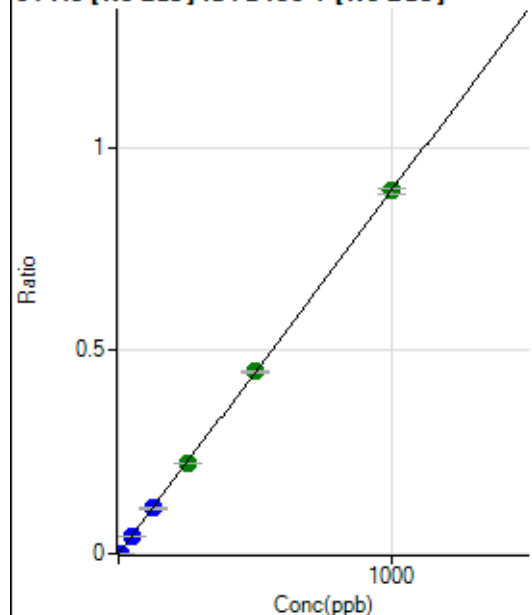
$$R = 1.0000$$

$$DL = 0.0236$$

$$BEC = 0.0388$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	263.90	0.0000	P	22.2
2	☐	0.500					
3	☐	5.000	1.857	13610.17	0.0017	P	2.9
4	☐	50.000	49.452	353891.81	0.0442	P	0.1
5	☐	125.000	125.515	904414.54	0.1121	P	4.3
6	☐	250.000	249.076	1834853.64	0.2223	A	1.4
7	☐	500.000	500.993	3686231.51	0.4472	A	0.8
8	☐	1000.000	999.713	7067825.59	0.8923	A	1.3
9	☐			4331.43	0.0006	P	3.0

$$y = 8.9254\text{E-}004 * x + 3.4147\text{E-}005$$

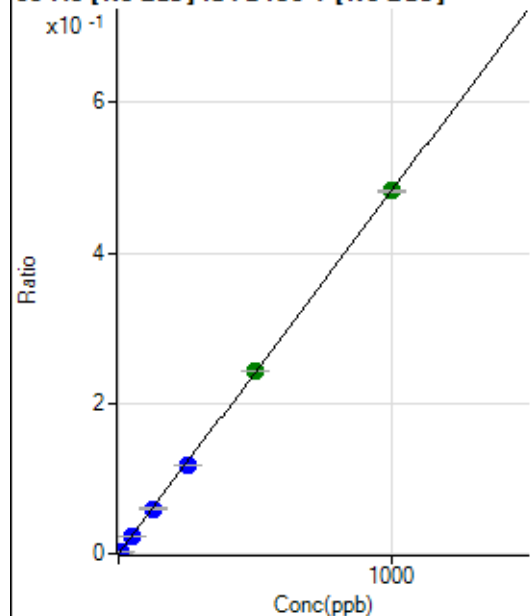
$$R = 1.0000$$

$$DL = 0.02549$$

$$BEC = 0.03826$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0000	P	17.9
2	☐	0.500					
3	☐	5.000	4.092	16065.84	0.0020	P	1.4
4	☐	50.000	49.057	189683.63	0.0237	P	0.5
5	☐	125.000	123.946	482627.12	0.0598	P	3.3
6	☐	250.000	244.061	971345.01	0.1177	P	0.3
7	☐	500.000	502.960	1999171.55	0.2425	A	0.4
8	☐	1000.000	1000.188	3819998.22	0.4823	A	0.8
9	☐			5556.95	0.0007	P	5.0

$$y = 4.8215\text{E-}004 * x + 2.4023\text{E-}005$$

$$R = 1.0000$$

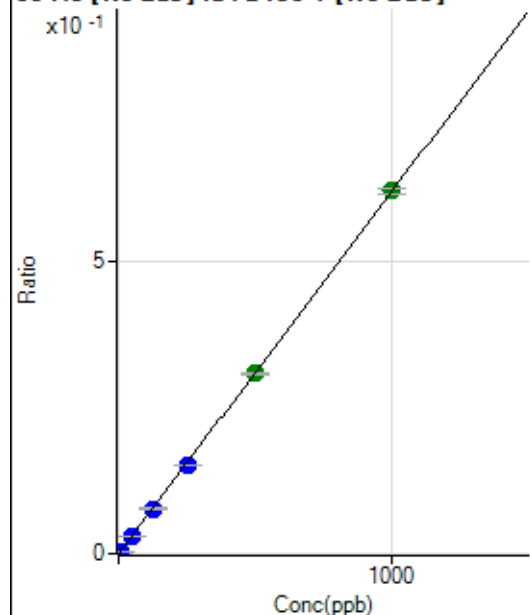
$$DL = 0.02681$$

$$BEC = 0.04982$$

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	233.35	0.0000	P	17.8
2	☐	0.500					
3	☐	5.000	3.642	18402.03	0.0023	P	1.4
4	☐	50.000	48.777	242433.66	0.0303	P	0.9
5	☐	125.000	123.780	619527.24	0.0767	P	3.6
6	☐	250.000	243.320	1244828.76	0.1508	P	0.6
7	☐	500.000	497.196	2540359.24	0.3082	A	1.2
8	☐	1000.000	1003.292	4925673.24	0.6219	A	1.4
9	☐			8630.88	0.0011	P	1.7

$$y = 6.1979\text{E-}004 * x + 3.0143\text{E-}005$$

$$R = 1.0000$$

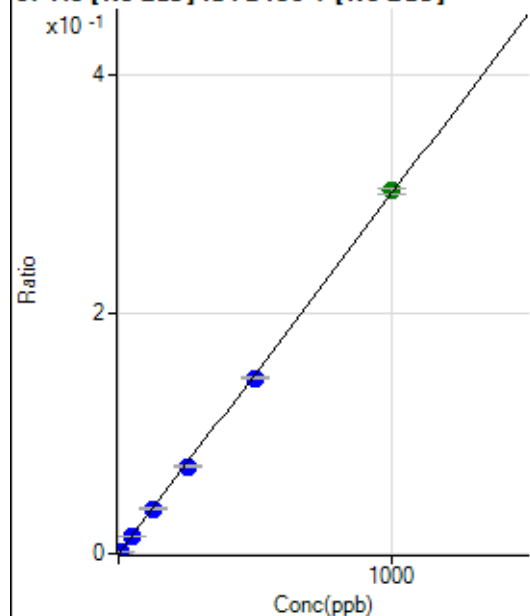
$$DL = 0.02595$$

$$BEC = 0.04863$$

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	86.12	0.0000	P	13.3
2	☐	0.500					
3	☐	5.000	4.080	9954.07	0.0012	P	2.5
4	☐	50.000	48.621	117147.87	0.0146	P	0.6
5	☐	125.000	123.055	298533.76	0.0370	P	4.5
6	☐	250.000	242.898	602491.80	0.0730	P	0.9
7	☐	500.000	487.689	1208180.08	0.1466	P	0.7
8	☐	1000.000	1008.247	2400053.33	0.3030	A	1.3
9	☐			3686.78	0.0005	P	0.6

$$y = 3.0052\text{E-}004 * x + 1.1106\text{E-}005$$

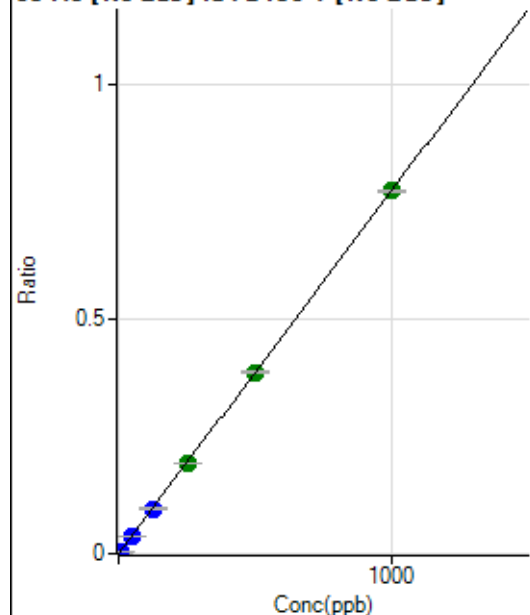
$$R = 0.9999$$

$$DL = 0.01469$$

$$BEC = 0.03696$$

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	205.57	0.0000	P	21.0
2	☐	0.500					
3	☐	5.000	4.183	26240.29	0.0033	P	0.2
4	☐	50.000	48.931	303338.39	0.0379	P	1.9
5	☐	125.000	123.940	773858.61	0.0959	P	3.9
6	☐	250.000	249.810	1594489.84	0.1932	A	1.0
7	☐	500.000	500.658	3191707.62	0.3872	A	1.0
8	☐	1000.000	999.908	6125281.51	0.7733	A	0.8
9	☐			9006.18	0.0012	P	3.1

$$y = 7.7334\text{E-}004 * x + 2.6503\text{E-}005$$

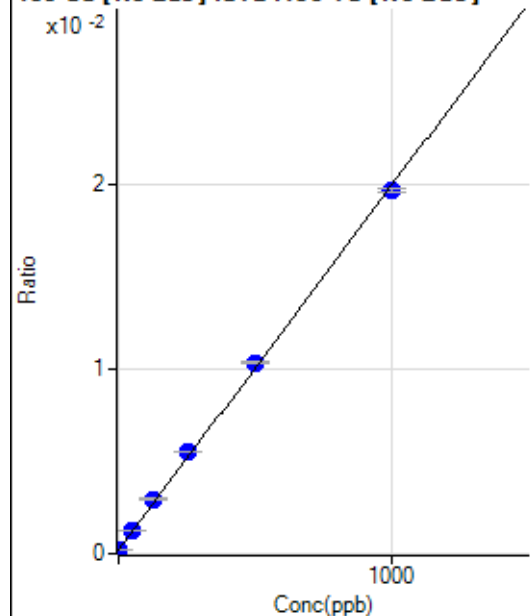
$$R = 1.0000$$

$$DL = 0.02163$$

$$BEC = 0.03427$$

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	1714.08	0.0002	P	4.2
2	☐	0.100					
3	☐	1.000	-0.238	1750.21	0.0002	P	12.8
4	☐	50.000	54.825	11797.31	0.0013	P	3.4
5	☐	125.000	140.307	27604.33	0.0030	P	2.9
6	☐	250.000	268.996	53833.58	0.0055	P	0.3
7	☐	500.000	515.044	106532.44	0.0104	P	0.6
8	☐	1000.000	985.576	201495.64	0.0196	P	1.1
9	☐			1758.53	0.0002	P	9.6

$$y = 1.9736\text{E-}005 * x + 1.9537\text{E-}004$$

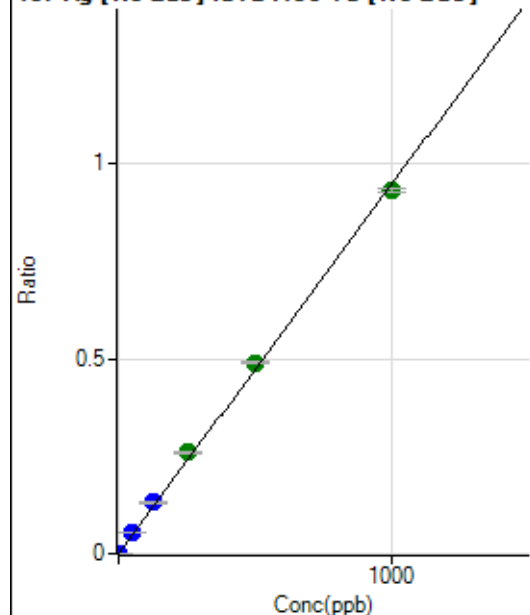
$$R = 0.9995$$

$$DL = 1.26$$

$$BEC = 9.899$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	32.4
2	☐	0.100					
3	☐	1.000	1.289	11277.38	0.0012	P	4.3
4	☐	50.000	55.161	482689.36	0.0523	P	0.4
5	☐	125.000	139.998	1234424.97	0.1326	P	4.0
6	☐	250.000	274.184	2539990.12	0.2597	A	1.1
7	☐	500.000	517.412	5039650.02	0.4901	A	0.7
8	☐	1000.000	983.115	9550836.24	0.9313	A	0.9
9	☐			969.53	0.0001	P	4.2

$$y = 9.4726\text{E-}004 * x + 7.5818\text{E-}006$$

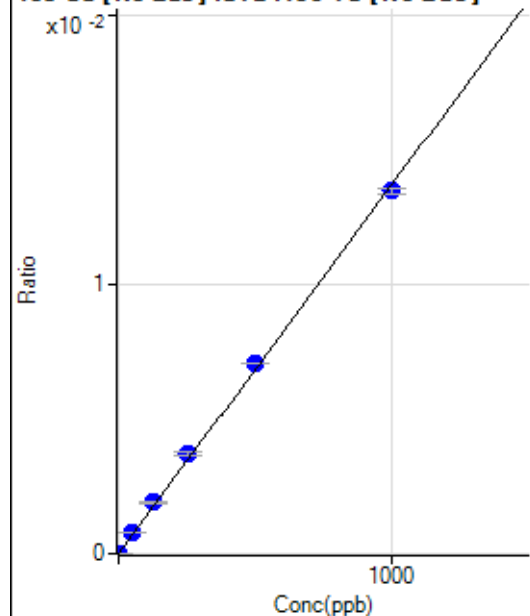
$$R = 0.9994$$

$$DL = 0.007772$$

$$BEC = 0.008004$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.17	0.0000	P	98.9
2	☐	0.100					
3	☐	1.000	1.170	151.39	0.0000	P	21.2
4	☐	50.000	55.600	7028.36	0.0008	P	1.8
5	☐	125.000	139.841	17814.86	0.0019	P	2.6
6	☐	250.000	271.577	36326.83	0.0037	P	2.3
7	☐	500.000	515.791	72549.60	0.0071	P	0.1
8	☐	1000.000	984.575	138120.62	0.0135	P	1.4
9	☐			33.33	0.0000	P	36.2

$$y = 1.3678\text{E-}005 * x + 4.7714\text{E-}007$$

$$R = 0.9995$$

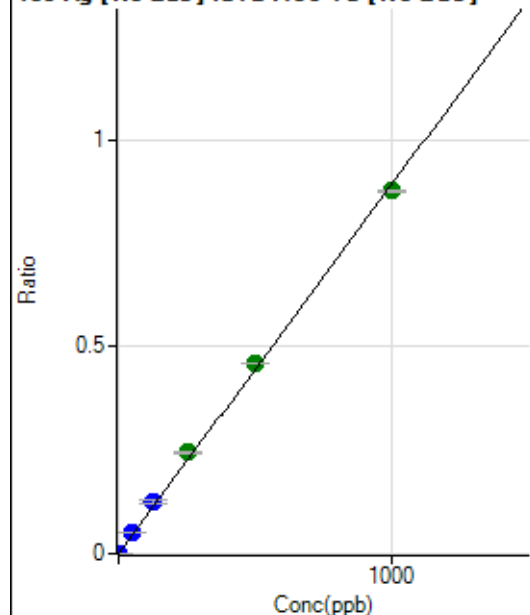
$$DL = 0.1035$$

$$BEC = 0.03488$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	27.3
2	☐	0.100					
3	☐	1.000	1.266	10423.98	0.0011	P	2.4
4	☐	50.000	55.445	456412.54	0.0494	P	0.6
5	☐	125.000	140.165	1162383.94	0.1249	P	4.8
6	☐	250.000	274.112	2389026.12	0.2443	A	0.7
7	☐	500.000	516.361	4731334.09	0.4601	A	0.6
8	☐	1000.000	983.623	8989437.79	0.8765	A	0.8
9	☐			833.40	0.0001	P	22.2

$$y = 8.9112\text{E-}004 * x + 7.6260\text{E-}006$$

$$R = 0.9994$$

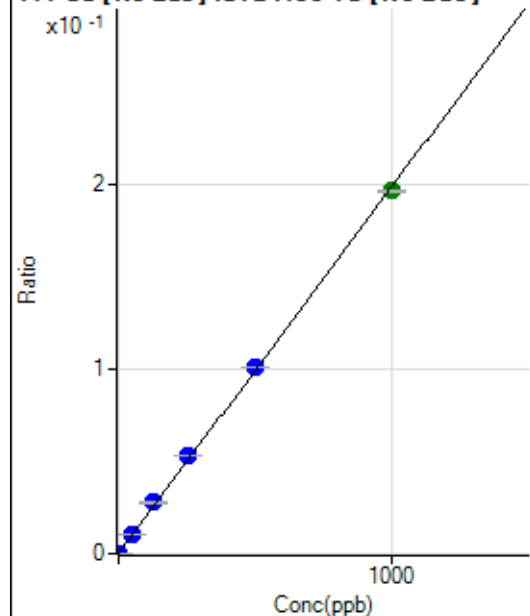
$$DL = 0.007004$$

$$BEC = 0.008558$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1217.76	0.0001	P	4.1
2	☐	0.100					
3	☐	1.000	0.933	2970.73	0.0003	P	4.6
4	☐	50.000	53.954	100025.81	0.0108	P	0.4
5	☐	125.000	139.091	257831.85	0.0277	P	3.7
6	☐	250.000	266.499	517739.04	0.0529	P	1.4
7	☐	500.000	507.896	1036212.34	0.1008	P	0.6
8	☐	1000.000	989.968	2013208.70	0.1963	A	0.5
9	☐			1511.82	0.0002	P	8.2

$$y = 1.9814\text{E-}004 * x + 1.3880\text{E-}004$$

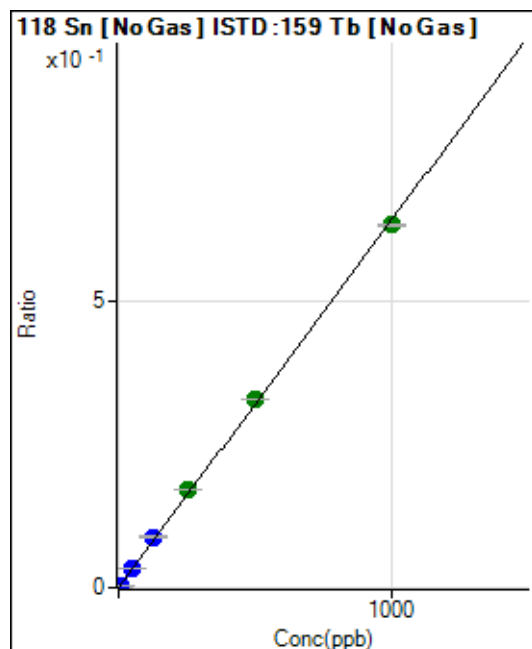
$$R = 0.9997$$

$$DL = 0.08616$$

$$BEC = 0.7005$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	733.42	0.0001	P	18.2
2	☐	0.500					
3	☐	5.000	4.757	28712.06	0.0031	P	2.9
4	☐	50.000	54.345	321911.59	0.0349	P	1.1
5	☐	125.000	137.399	819053.87	0.0880	P	3.6
6	☐	250.000	265.985	1665050.97	0.1703	A	0.7
7	☐	500.000	513.542	3379136.75	0.3286	A	0.3
8	☐	1000.000	987.467	6479976.88	0.6318	A	0.6
9	☐			5768.16	0.0006	P	6.0

$$y = 6.3977\text{E-}004 * x + 8.3685\text{E-}005$$

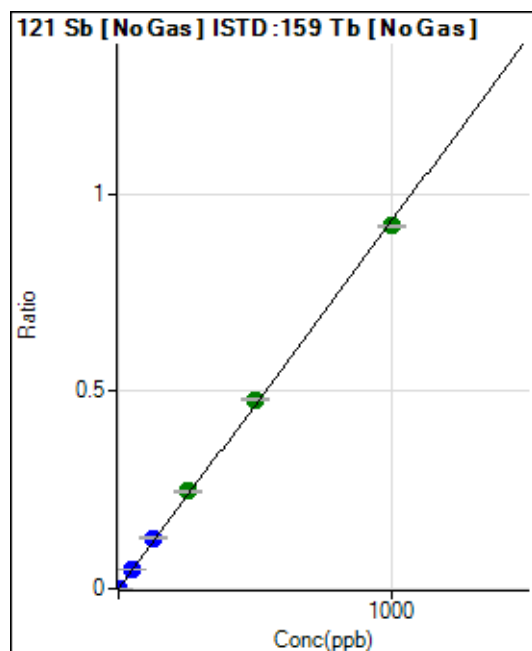
$$R = 0.9997$$

$$DL = 0.07136$$

$$BEC = 0.1308$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	33.5
2	☐	0.200					
3	☐	2.000	1.928	16544.23	0.0018	P	2.0
4	☐	50.000	53.489	460074.72	0.0498	P	0.3
5	☐	125.000	137.532	1192041.48	0.1281	P	3.9
6	☐	250.000	265.630	2418826.29	0.2473	A	1.2
7	☐	500.000	514.199	4923052.76	0.4788	A	0.8
8	☐	1000.000	987.252	9427772.95	0.9193	A	0.7
9	☐			20274.46	0.0020	P	4.8

$$y = 9.3113\text{E-}004 * x + 6.3570\text{E-}006$$

$$R = 0.9997$$

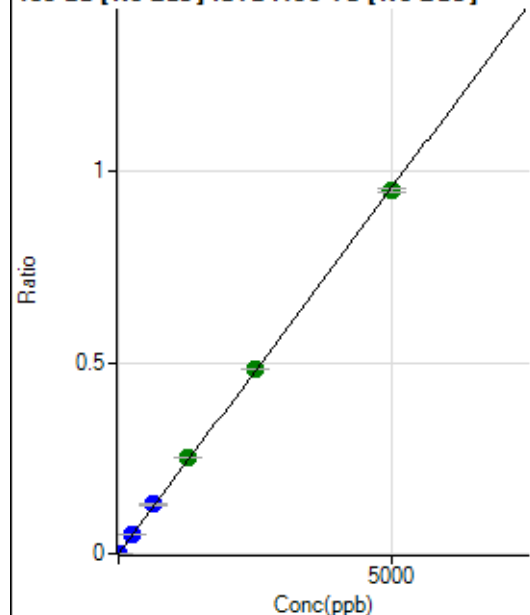
$$DL = 0.006866$$

$$BEC = 0.006827$$

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	97.23	0.0000	P	17.9
2	☐	1.000					
3	☐	10.000	8.929	15796.26	0.0017	P	4.2
4	☐	250.000	260.980	461577.11	0.0500	P	1.3
5	☐	625.000	672.506	1198380.40	0.1288	P	4.3
6	☐	1250.000	1314.161	2460576.53	0.2516	A	1.1
7	☐	2500.000	2530.912	4982370.99	0.4846	A	0.4
8	☐	5000.000	4962.018	9742740.58	0.9500	A	1.1
9	☐			3056.05	0.0003	P	7.9

$$y = 1.9145\text{E-}004 * x + 1.1080\text{E-}005$$

$$R = 0.9999$$

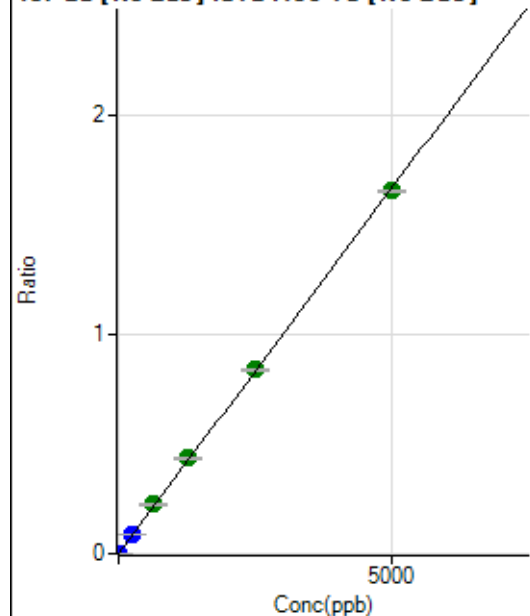
$$DL = 0.0311$$

$$BEC = 0.05787$$

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	91.67	0.0000	P	53.3
2	☐	1.000					
3	☐	10.000	9.055	27766.24	0.0030	P	1.9
4	☐	250.000	262.602	807407.97	0.0874	P	0.7
5	☐	625.000	679.699	2105835.31	0.2262	A	4.0
6	☐	1250.000	1306.480	4252735.21	0.4349	A	1.2
7	☐	2500.000	2520.237	8625509.91	0.8389	A	0.7
8	☐	5000.000	4968.296	16960190.48	1.6537	A	0.6
9	☐			5395.79	0.0005	P	4.7

$$y = 3.3285\text{E-}004 * x + 1.0417\text{E-}005$$

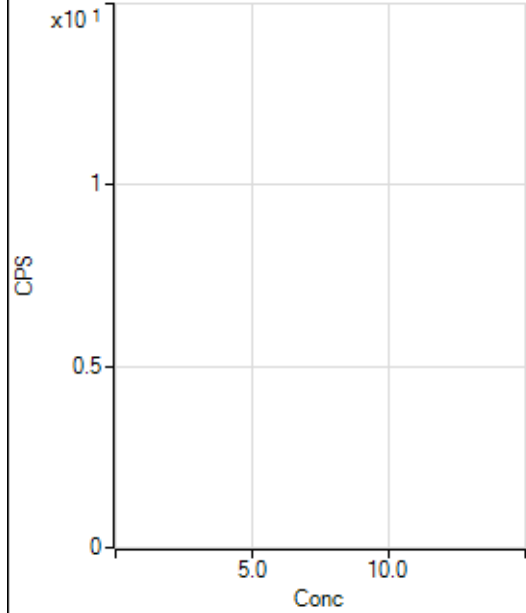
$$R = 0.9999$$

$$DL = 0.05004$$

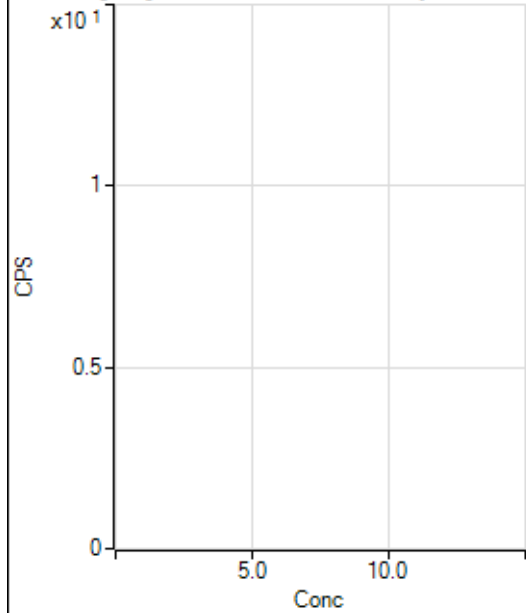
$$BEC = 0.0313$$

Weight: <None>

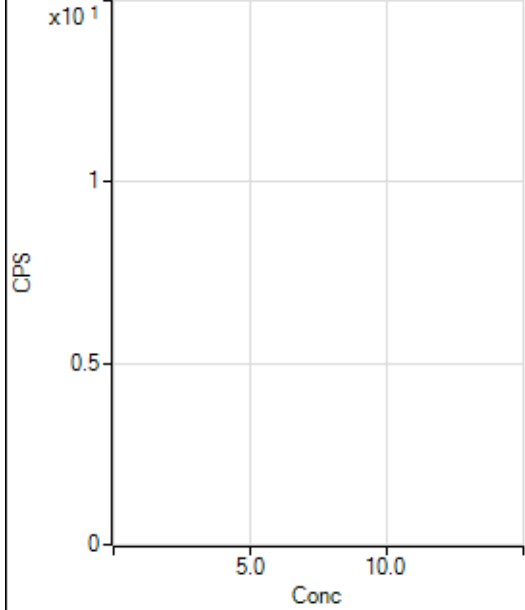
Min Conc: 0

150 Nd [No Gas] No available calibration points

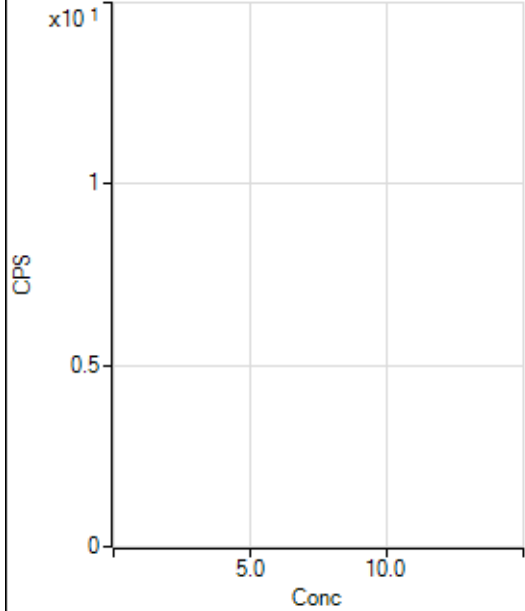
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐						
3	☐			11.11		P	34.6
4	☐			24.44		P	41.7
5	☐			44.45		P	48.2
6	☐			88.89		P	24.1
7	☐			166.67		P	38.2
8	☐			315.57		P	11.6
9	☐			86.67		P	40.0

150 Nd [He] No available calibration points

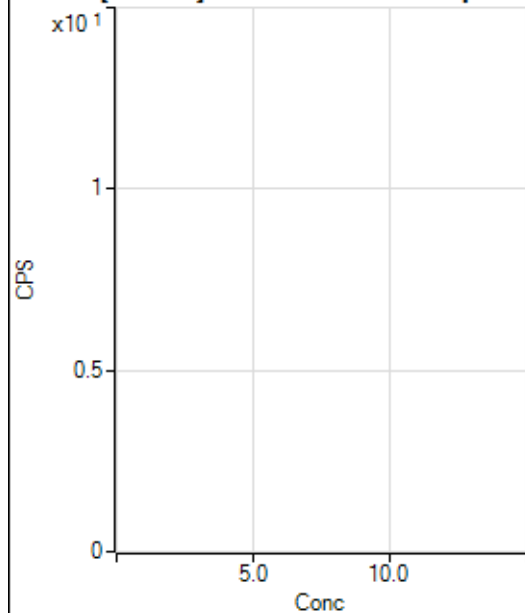
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			5.56		P	34.7
6	☐			3.33		P	0.0
7	☐			8.89		P	43.3
8	☐			5.56		P	91.6
9	☐			11.11		P	45.8

156 Dy [No Gas] No available calibration points

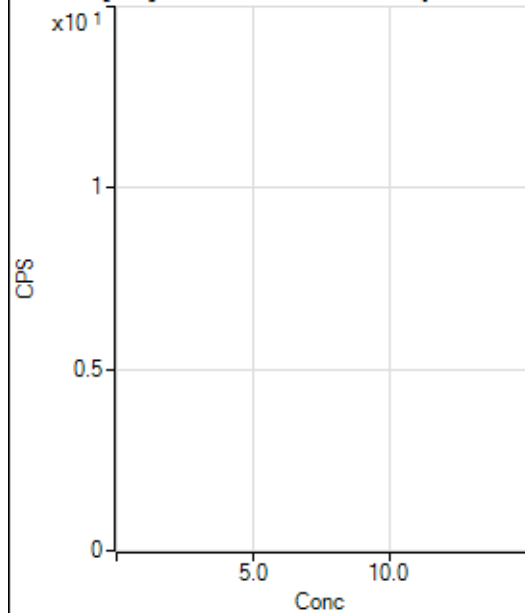
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	50.0
2	☐						
3	☐			19.45		P	107.9
4	☐			33.33		P	43.3
5	☐			33.33		P	25.0
6	☐			47.22		P	62.0
7	☐			97.23		P	32.5
8	☐			166.68		P	52.7
9	☐			102.78		P	32.8

156 Dy [He] No available calibration points

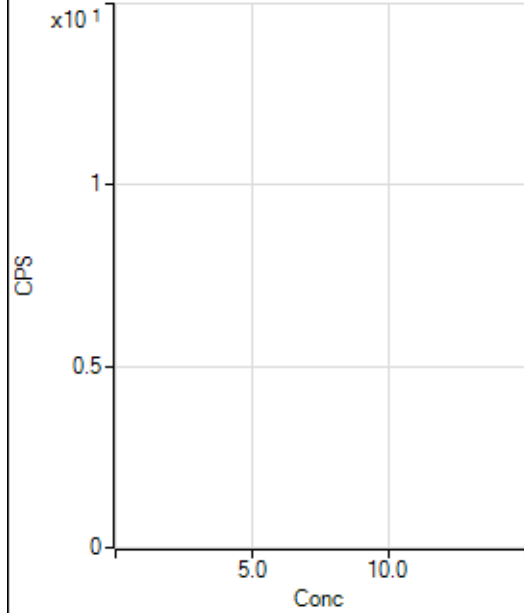
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			6.67		P	50.0
5	☐			5.55		P	69.3
6	☐			5.56		P	91.6
7	☐			20.00		P	0.0
8	☐			17.78		P	21.7
9	☐			8.89		P	21.6

160 Gd [No Gas] Noavailable calibration poin_

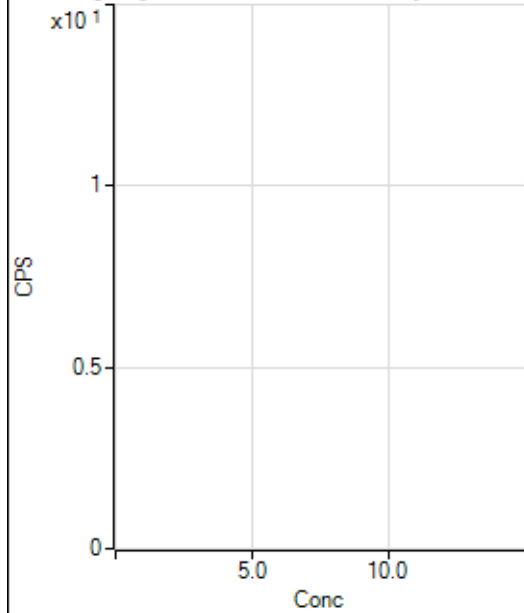
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	43.3
2	☐						
3	☐			77.78		P	27.0
4	☐			75.00		P	40.1
5	☐			108.34		P	20.4
6	☐			105.56		P	22.8
7	☐			127.79		P	13.6
8	☐			158.34		P	5.3
9	☐			105.56		P	32.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	40.0
2	☐						
3	☐			6.67		P	86.6
4	☐			11.11		P	17.3
5	☐			14.45		P	48.0
6	☐			15.56		P	53.9
7	☐			20.00		P	50.0
8	☐			25.56		P	49.4
9	☐			24.44		P	39.4

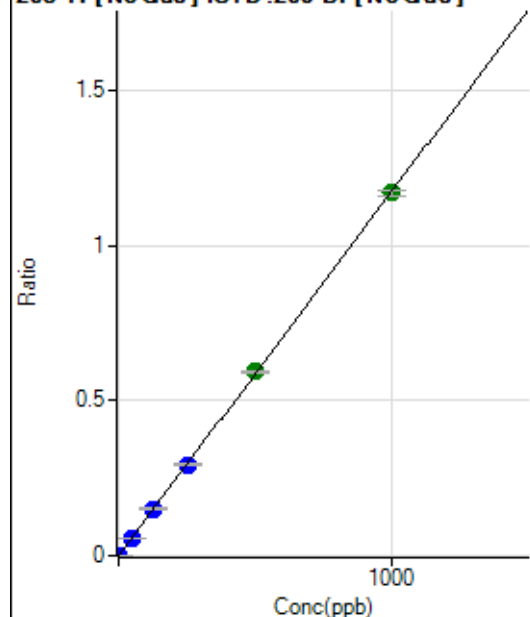
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	57.7
2	☐						
3	☐			50.00		P	16.7
4	☐			47.22		P	44.4
5	☐			41.67		P	52.9
6	☐			47.23		P	71.3
7	☐			36.11		P	35.3
8	☐			50.00		P	33.3
9	☐			91.67		P	15.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			11.11		P	45.8
4	☐			2.22		P	173.2
5	☐			6.67		P	86.6
6	☐			8.89		P	57.3
7	☐			7.78		P	24.7
8	☐			14.45		P	26.7
9	☐			14.45		P	48.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.79	0.0000	P	53.8
2	☐	0.100					
3	☐	1.000	0.866	5290.24	0.0010	P	6.9
4	☐	50.000	49.447	298229.11	0.0580	P	1.7
5	☐	125.000	127.076	779871.37	0.1489	P	4.0
6	☐	250.000	250.623	1599561.34	0.2937	P	0.8
7	☐	500.000	505.069	3501957.98	0.5919	A	0.3
8	☐	1000.000	997.078	7017802.59	1.1685	A	1.4
9	☐			2603.17	0.0005	P	2.3

$$y = 0.0012 * x + 2.0707E-005$$

$$R = 1.0000$$

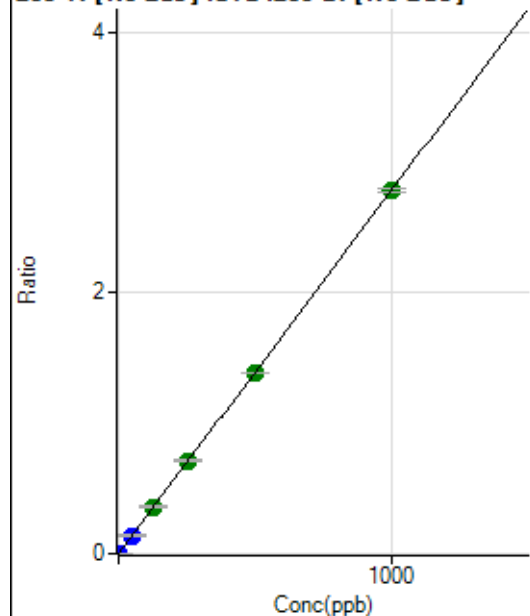
$$DL = 0.02853$$

$$BEC = 0.01767$$

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	208.35	0.0000	P	8.9
2	☐	0.100					
3	☐	1.000	0.895	12954.37	0.0025	P	0.4
4	☐	50.000	49.957	716484.36	0.1393	P	1.3
5	☐	125.000	129.053	1883019.31	0.3597	A	4.8
6	☐	250.000	255.887	3883800.22	0.7131	A	1.1
7	☐	500.000	499.097	8228946.02	1.3909	A	0.2
8	☐	1000.000	998.475	16711833.19	2.7825	A	1.2
9	☐			5887.76	0.0010	P	5.8

$$y = 0.0028 * x + 4.2024E-005$$

$$R = 1.0000$$

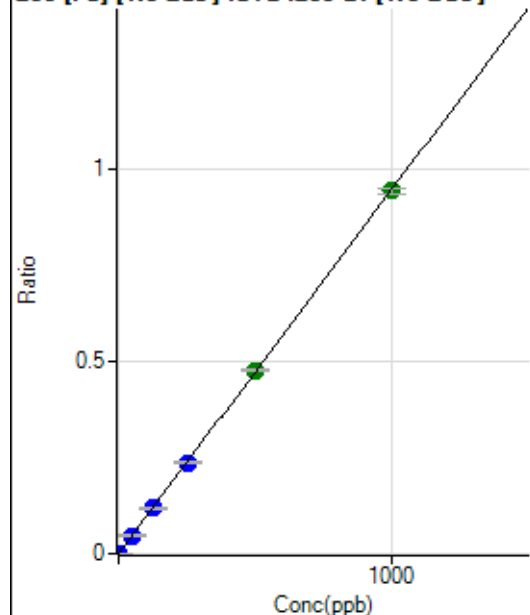
$$DL = 0.004048$$

$$BEC = 0.01508$$

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	496.32	0.0001	P	7.5
2	☐	0.100					
3	☐	1.000	1.094	5797.82	0.0011	P	2.7
4	☐	50.000	49.748	242701.25	0.0472	P	1.8
5	☐	125.000	126.288	626198.78	0.1196	P	4.3
6	☐	250.000	250.519	1291457.27	0.2371	P	0.9
7	☐	500.000	504.716	2825979.14	0.4777	A	1.0
8	☐	1000.000	997.364	5668735.66	0.9438	A	1.3
9	☐			9431.55	0.0017	P	1.7

$$y = 9.4622\text{E-}004 * x + 1.0033\text{E-}004$$

$$R = 1.0000$$

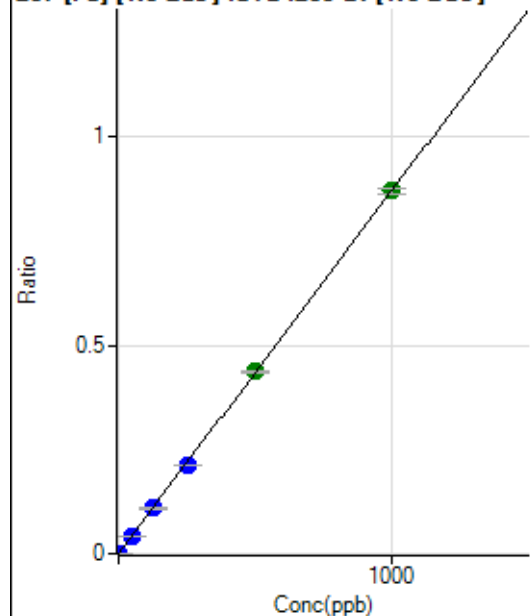
$$DL = 0.02391$$

$$BEC = 0.106$$

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	494.47	0.0001	P	6.9
2	☐	0.100					
3	☐	1.000	1.104	5405.02	0.0011	P	5.1
4	☐	50.000	49.165	220295.85	0.0428	P	1.4
5	☐	125.000	124.736	567977.02	0.1085	P	4.4
6	☐	250.000	245.285	1161162.36	0.2132	P	0.5
7	☐	500.000	501.245	2577273.90	0.4356	A	0.2
8	☐	1000.000	1000.631	5222380.21	0.8695	A	1.3
9	☐			8089.85	0.0014	P	1.5

$$y = 8.6887\text{E-}004 * x + 9.9658\text{E-}005$$

$$R = 1.0000$$

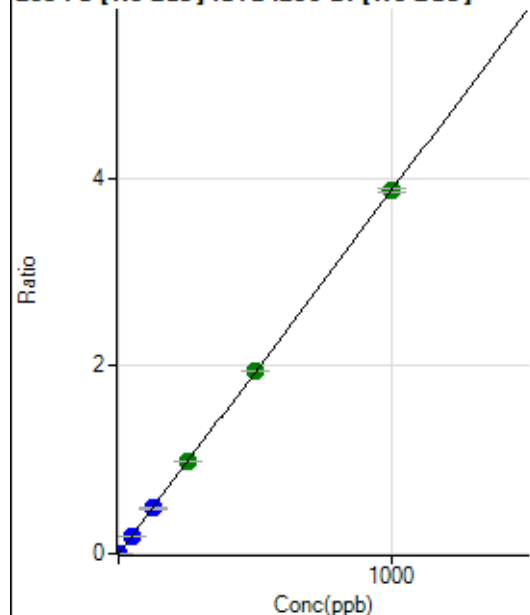
$$DL = 0.02389$$

$$BEC = 0.1147$$

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	2126.07	0.0004	P	5.1
2	☐	0.100					
3	☐	1.000	1.112	24143.12	0.0047	P	2.0
4	☐	50.000	49.399	985103.46	0.1915	P	1.3
5	☐	125.000	125.725	2548094.21	0.4866	P	4.1
6	☐	250.000	251.831	5306084.43	0.9743	A	0.2
7	☐	500.000	501.451	11475704.17	1.9396	A	0.3
8	☐	1000.000	998.756	23200549.13	3.8628	A	1.1
9	☐			37042.42	0.0066	P	1.8

$$y = 0.0039 * x + 4.2947E-004$$

$$R = 1.0000$$

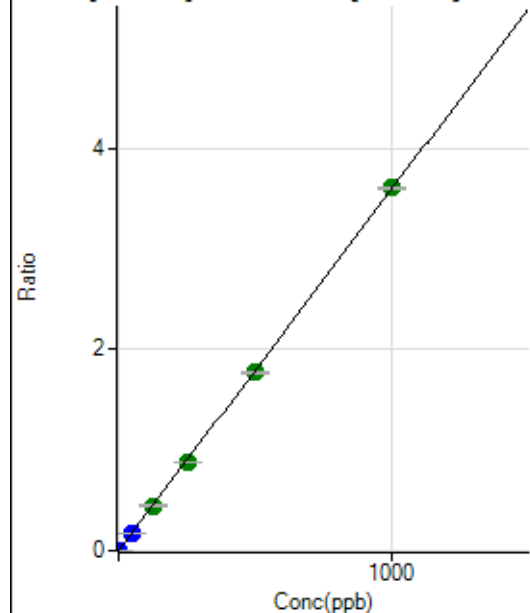
$$DL = 0.01712$$

$$BEC = 0.1111$$

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	386.13	0.0001	P	22.6
2	☐	0.100					
3	☐	1.000	0.809	15204.37	0.0030	P	1.1
4	☐	50.000	47.074	869130.34	0.1689	P	0.6
5	☐	125.000	123.644	2322521.08	0.4436	A	4.1
6	☐	250.000	246.110	4807580.44	0.8828	A	0.6
7	☐	500.000	493.635	10475608.57	1.7706	A	1.4
8	☐	1000.000	1004.471	21640107.43	3.6028	A	0.3
9	☐			2091.94	0.0004	P	3.4

$$y = 0.0036 * x + 7.7851E-005$$

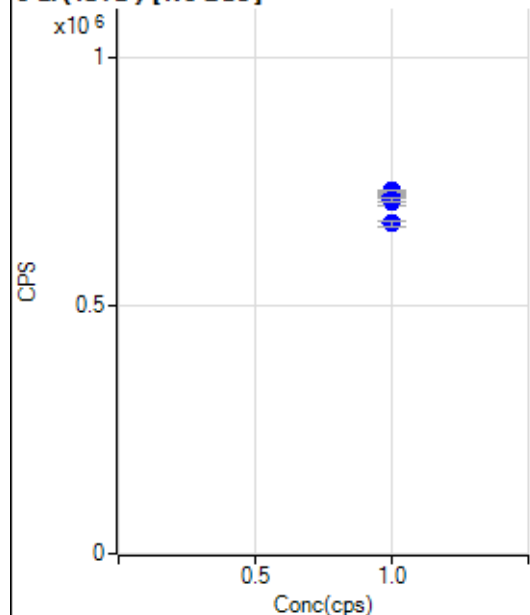
$$R = 1.0000$$

$$DL = 0.01469$$

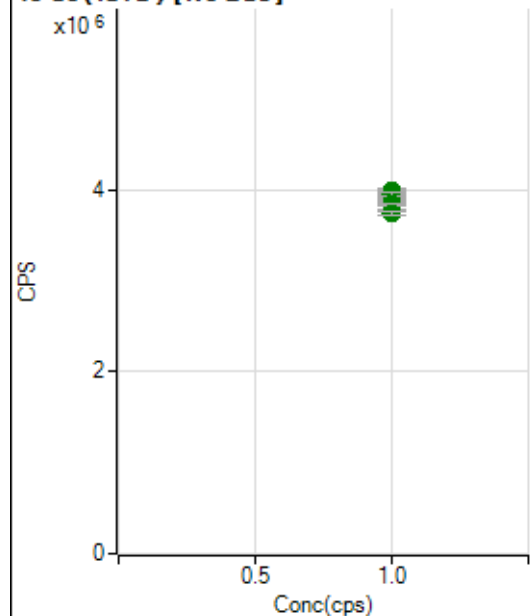
$$BEC = 0.02171$$

Weight: <None>

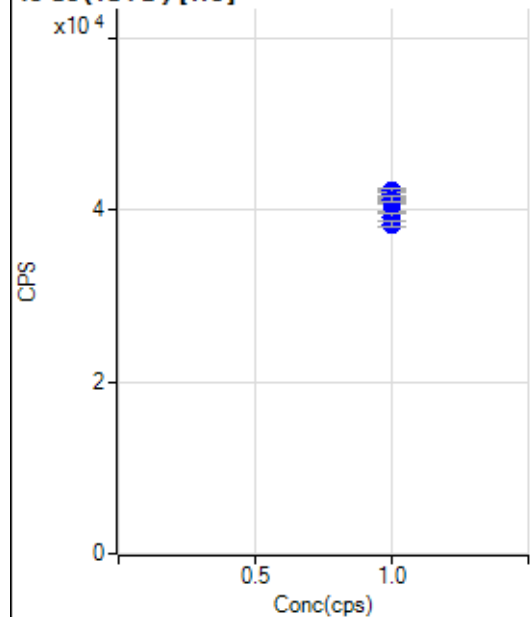
Min Conc: 0

6 Li (ISTD) [No Gas]

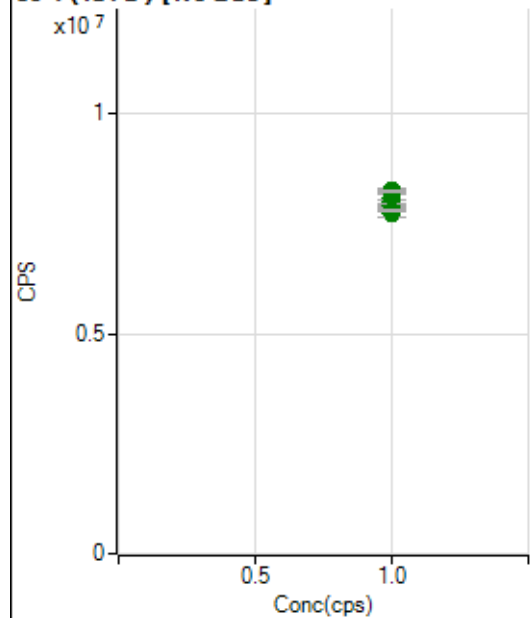
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		708395.65		P	2.0
2	☐	1.000					
3	☐	1.000		724475.42		P	0.6
4	☐	1.000		721900.07		P	0.4
5	☐	1.000		720183.78		P	3.5
6	☐	1.000		727138.84		P	0.4
7	☐	1.000		730058.14		P	0.6
8	☐	1.000		711821.53		P	0.7
9	☐	1.000		663976.08		P	1.3

45 Sc (ISTD) [No Gas]

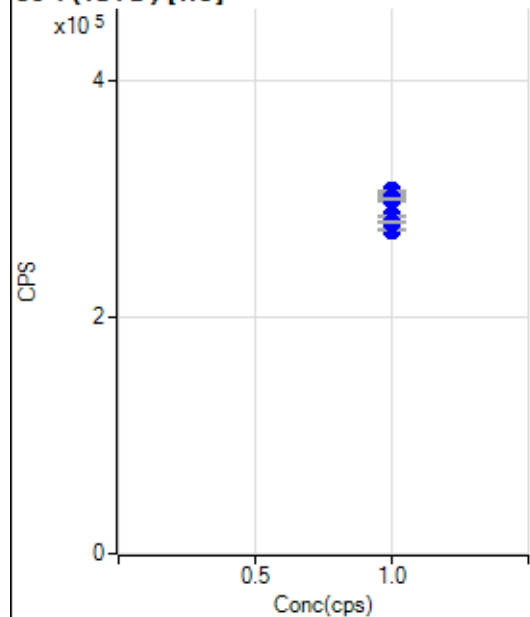
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3839206.29		A	2.9
2	☐	1.000					
3	☐	1.000		3945249.26		A	1.8
4	☐	1.000		3962539.32		A	0.5
5	☐	1.000		3946145.88		A	3.6
6	☐	1.000		3983604.25		A	0.4
7	☐	1.000		3953690.19		A	1.2
8	☐	1.000		3835621.31		A	0.6
9	☐	1.000		3738671.65		A	0.7

45 Sc (ISTD) [He]

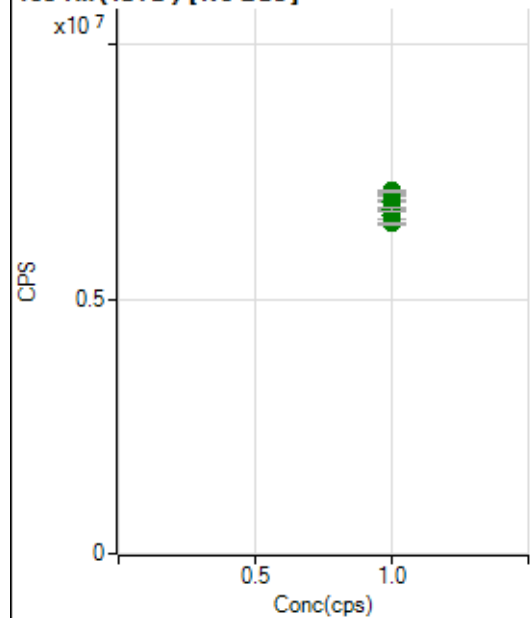
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		41039.94		P	1.0
2	☐	1.000					
3	☐	1.000		41812.42		P	1.5
4	☐	1.000		42006.16		P	1.3
5	☐	1.000		42237.99		P	1.2
6	☐	1.000		41277.30		P	1.4
7	☐	1.000		39771.80		P	0.8
8	☐	1.000		39193.59		P	2.1
9	☐	1.000		38317.94		P	1.7

89 Y (ISTD) [No Gas]

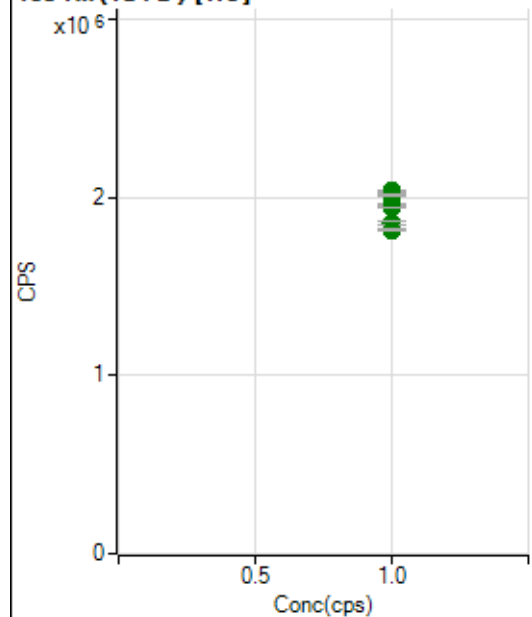
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7744042.59		A	2.2
2	☐	1.000					
3	☐	1.000		8045215.58		A	0.2
4	☐	1.000		8011691.06		A	1.0
5	☐	1.000		8079795.78		A	3.9
6	☐	1.000		8253170.57		A	1.3
7	☐	1.000		8243287.66		A	0.6
8	☐	1.000		7921434.12		A	0.9
9	☐	1.000		7807780.58		A	0.6

89 Y(ISTD) [He]

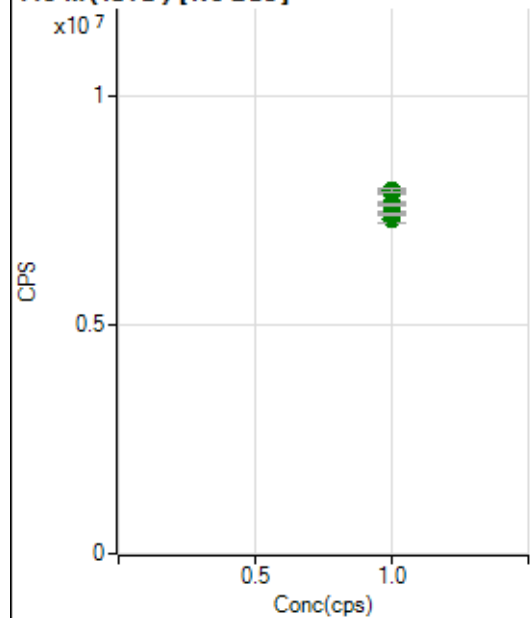
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		299127.02		P	0.4
2	☐	1.000					
3	☐	1.000		303316.12		P	0.5
4	☐	1.000		307023.03		P	0.7
5	☐	1.000		307230.01		P	0.3
6	☐	1.000		300952.42		P	0.6
7	☐	1.000		285980.10		P	0.8
8	☐	1.000		273766.77		P	0.6
9	☐	1.000		280673.88		P	0.2

103 Rh(ISTD) [No Gas]

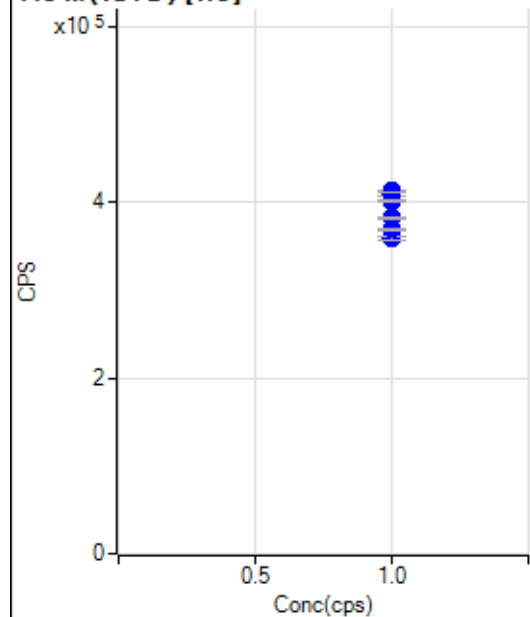
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6635899.80		A	2.1
2	☐	1.000					
3	☐	1.000		6940929.06		A	0.5
4	☐	1.000		6926791.47		A	0.3
5	☐	1.000		6887804.06		A	3.9
6	☐	1.000		7085927.24		A	0.9
7	☐	1.000		7119651.46		A	0.6
8	☐	1.000		6754539.13		A	0.6
9	☐	1.000		6472252.53		A	1.1

103 Rh (ISTD) [He]

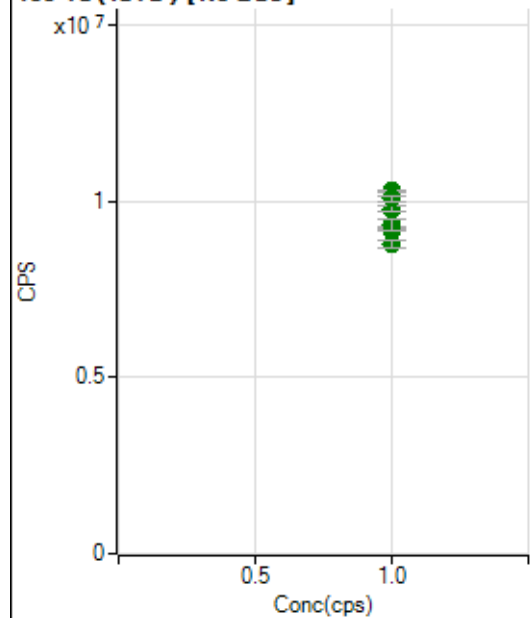
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1963329.69		A	0.4
2	☐	1.000					
3	☐	1.000		2029851.36		A	1.1
4	☐	1.000		2037981.48		A	0.1
5	☐	1.000		2037315.94		A	0.5
6	☐	1.000		2014863.88		A	0.5
7	☐	1.000		1944951.80		A	0.3
8	☐	1.000		1859338.10		A	1.2
9	☐	1.000		1818108.78		A	0.7

115 In (ISTD) [No Gas]

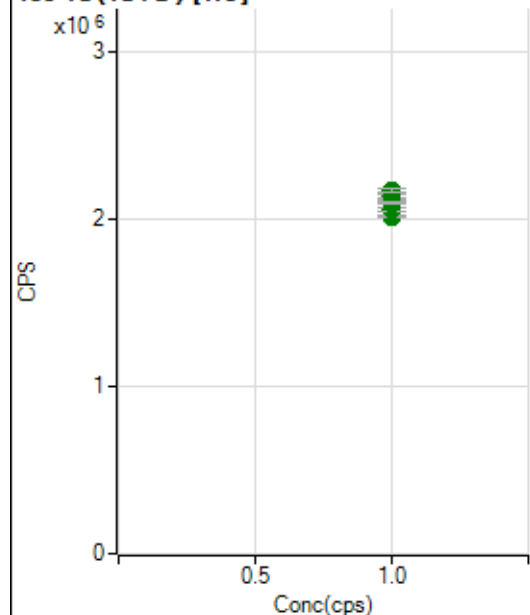
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7332878.08		A	2.9
2	☐	1.000					
3	☐	1.000		7620777.35		A	0.1
4	☐	1.000		7659164.06		A	0.7
5	☐	1.000		7672054.07		A	4.7
6	☐	1.000		7893625.72		A	1.0
7	☐	1.000		7931409.79		A	1.1
8	☐	1.000		7640347.96		A	0.7
9	☐	1.000		7410003.64		A	0.5

115 In (ISTD) [He]

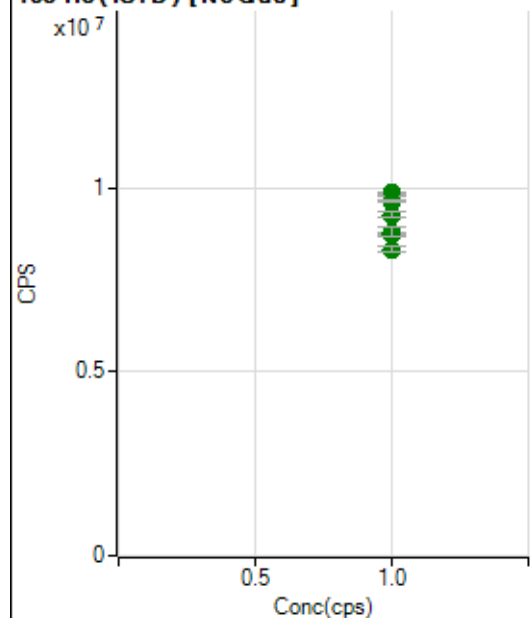
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		403150.15		P	0.4
2	☐	1.000					
3	☐	1.000		409698.71		P	0.9
4	☐	1.000		413289.36		P	0.5
5	☐	1.000		411627.52		P	0.3
6	☐	1.000		401875.12		P	0.7
7	☐	1.000		382589.89		P	0.5
8	☐	1.000		359049.80		P	1.0
9	☐	1.000		369435.94		P	0.5

159 Tb (ISTD) [No Gas]

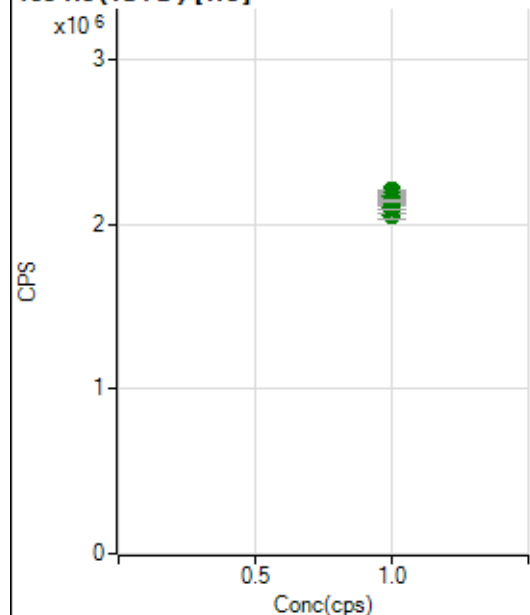
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8779257.85		A	2.3
2	☐	1.000					
3	☐	1.000		9181142.64		A	0.2
4	☐	1.000		9236438.89		A	0.6
5	☐	1.000		9317473.54		A	3.9
6	☐	1.000		9780538.74		A	1.8
7	☐	1.000		10282439.71		A	0.4
8	☐	1.000		10255896.79		A	0.4
9	☐	1.000		10063320.27		A	1.4

159 Tb (ISTD) [He]

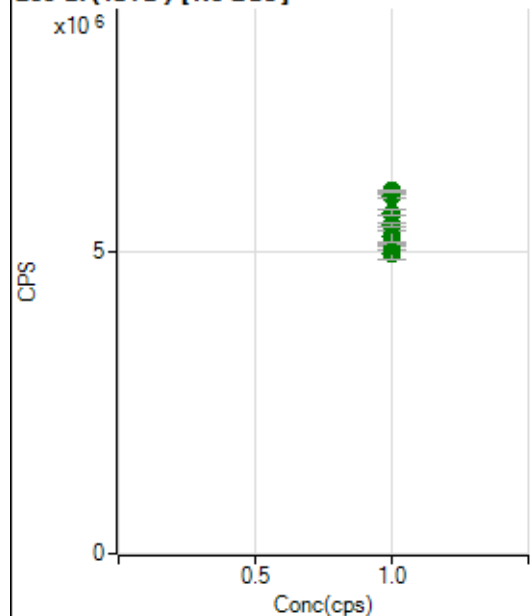
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2013410.81		A	0.8
2	☐	1.000					
3	☐	1.000		2099862.68		A	0.9
4	☐	1.000		2134894.48		A	0.7
5	☐	1.000		2154787.07		A	0.4
6	☐	1.000		2165686.31		A	0.9
7	☐	1.000		2106052.87		A	0.2
8	☐	1.000		2052613.74		A	1.3
9	☐	1.000		2092593.30		A	0.3

165 Ho (ISTD) [No Gas]

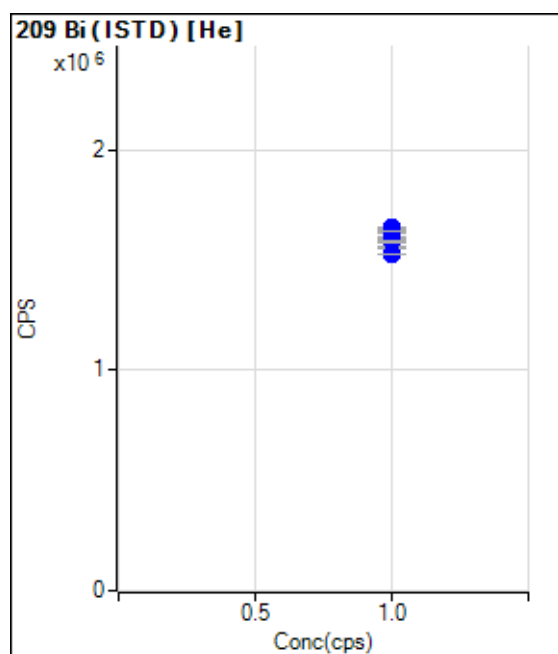
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8342615.29		A	2.3
2	☐	1.000					
3	☐	1.000		8759579.80		A	0.3
4	☐	1.000		8730038.48		A	1.1
5	☐	1.000		8805575.20		A	3.1
6	☐	1.000		9270189.87		A	1.6
7	☐	1.000		9872892.41		A	0.4
8	☐	1.000		9782206.56		A	0.4
9	☐	1.000		9650077.56		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2048723.82		A	1.2
2	☐	1.000					
3	☐	1.000		2122035.19		A	0.4
4	☐	1.000		2164747.36		A	0.8
5	☐	1.000		2182659.26		A	0.7
6	☐	1.000		2202295.40		A	0.7
7	☐	1.000		2171251.67		A	0.6
8	☐	1.000		2104330.45		A	1.5
9	☐	1.000		2144089.47		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4954705.38		A	3.4
2	☐	1.000					
3	☐	1.000		5105323.12		A	0.9
4	☐	1.000		5145460.16		A	1.0
5	☐	1.000		5241519.30		A	3.7
6	☐	1.000		5446059.23		A	1.4
7	☐	1.000		5916443.66		A	0.9
8	☐	1.000		6006507.20		A	0.9
9	☐	1.000		5649762.55		A	1.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1552299.84		P	0.4
2	☐	1.000					
3	☐	1.000		1553551.40		P	0.8
4	☐	1.000		1598435.69		P	0.3
5	☐	1.000		1624694.73		P	0.3
6	☐	1.000		1644498.05		P	0.3
7	☐	1.000		1630459.67		P	0.2
8	☐	1.000		1582871.85		P	0.9
9	☐	1.000		1523864.07		P	0.2

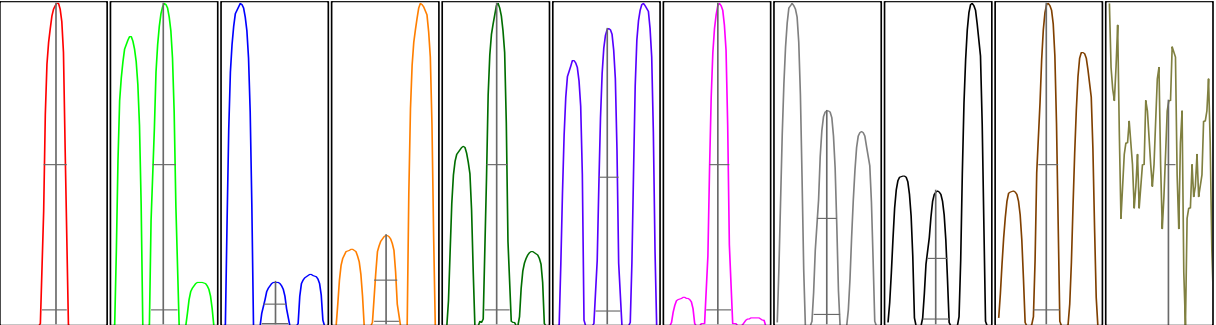
US EPA Tune Check Sample Report

Batch Folder D:\P8091217- MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6542	1.61	5.00	
24	48023	1.53	5.00	
25	6466	1.32	5.00	
26	7369	1.34	5.00	
59	86020	1.43	5.00	
113	12925	0.88	5.00	
115	162151	1.26	5.00	
206	31240	0.60	5.00	
207	28001	0.78	5.00	
208	66625	1.12	5.00	
220	2	21.20		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6543	6639	6512	6633	6382
24	47977	48914	47679	48524	47022
25	6442	6589	6443	6500	6357
26	7300	7493	7390	7419	7242
59	84175	87358	85953	86878	85738
113	12805	13063	13028	12857	12869
115	162122	164922	162983	161323	159406
206	31286	31414	31173	31380	30946
207	27946	28135	27871	28303	27751
208	66712	66252	66612	67785	65762
220	2	2	2	1	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	10773	9.10	8.9 - 9.1		0.739	0.900	
24	77548	24.00	23.9 - 24.1		0.786	0.900	
25	10464	25.05	24.9 - 25.1		0.785	0.900	
26	12358	26.05	25.9 - 26.1		0.738	0.900	
59	147725	59.05	58.9 - 59.1		0.739	0.900	
113	24079	113.05	112.9 - 113.1		0.728	0.900	
115	297991	115.05	114.9 - 115.1		0.731	0.900	
206	56647	206.00	205.9 - 206.1		0.773	0.900	
207	51103	206.95	206.9 - 207.1		0.752	0.900	
208	122206	207.95	207.9 - 208.1		0.738	0.900	
220	2	220.30	-				

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	7.3	V	Deflect	14.2	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	12605	1.10	
89	3225	1.36	
205	16946	1.18	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12726	12670	12658	12370	12600
89	3276	3225	3258	3164	3204
205	17149	17026	17028	16624	16902

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	7.3	V	Deflect	1.4	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:18:46	DataFile Name :	003CALB_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.20	-1.23	0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.04	-0.01	-0.04	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	-0.02	0.02	0.00	0.00	N/A	ppb
Beryllium	9-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.04	-0.20	0.24	0.00	N/A	ppb
Boron	11-1	0.13	-0.19	0.06	0.00	N/A	ppb
Cadmium	111-1	0.00	-0.03	0.03	0.00	N/A	ppb
Cadmium	106-1	0.01	-0.42	0.42	0.00	N/A	ppb
Cadmium	108-1	0.03	-0.03	0.00	0.00	N/A	ppb
Calcium	43-1	1.84	1.99	-3.83	0.00	N/A	ppb
Calcium	44-1	-3.73	0.18	3.55	0.00	N/A	ppb
Chromium	52-2	0.02	-0.03	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.15	0.00	0.15	0.00	N/A	ppb
Iron	57-2	1.01	-1.42	0.41	0.00	N/A	ppb
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.02	0.33	-0.35	0.00	N/A	ppb
Manganese	55-2	-0.03	0.10	-0.06	0.00	N/A	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:18:46	DataFile Name :	003CALB_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.03	0.03	0.00	N/A	ppb
Phosphorus	31-2	25.35	8.55	-8.47	8.47	199.57	ppb
Potassium	39-2	-2.41	0.36	2.04	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.63	-1.31	-1.31	0.00	N/A	ppb
Selenium	78-2	0.83	-0.42	-0.41	0.00	N/A	ppb
Selenium	82-1	-0.13	-0.52	0.66	0.00	N/A	ppb
Silicon	28-1	-1.44	-1.49	2.93	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	-3.25	4.34	-1.10	0.00	N/A	ppb
Strontium	86-1	-0.02	0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	116.86	18.97	746.81	294.21	134.26	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.01	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	0.00	0.02	0.00	N/A	ppb
Titanium	47-1	0.01	0.00	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.06	0.07	-0.13	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:18:46	DataFile Name :	003CALB_P8091217- M8

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 : LB90059 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 12:25:59 DataFile Name : 005CALS_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.82	17.01	18.24	20.02	20.97	ppb
Antimony	121-1	1.96	1.89	1.93	1.93	1.97	ppb
Arsenic	75-2	0.87	0.81	0.89	0.86	4.64	ppb
Barium	135-1	8.50	9.08	9.21	8.93	4.20	ppb
Barium	137-1	8.86	9.12	9.18	9.05	1.92	ppb
Beryllium	9-1	0.90	0.92	0.86	0.90	3.42	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.45	20.39	21.09	20.97	2.57	ppb
Boron	11-1	20.57	21.00	19.69	20.42	3.25	ppb
Cadmium	111-1	0.88	0.90	1.02	0.93	7.98	ppb
Cadmium	106-1	-0.51	-1.32	1.12	-0.24		ppb
Cadmium	108-1	0.96	1.45	1.10	1.17	21.82	ppb
Calcium	43-1	414.12	451.87	445.15	437.04	4.61	ppb
Calcium	44-1	435.33	421.95	428.33	428.54	1.56	ppb
Chromium	52-2	1.70	2.02	1.90	1.87	8.70	ppb
Cobalt	59-2	0.97	0.91	0.86	0.91	6.08	ppb
Copper	63-2	1.96	1.94	1.91	1.94	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	43.14	44.46	45.46	44.35	2.63	ppb
Iron	57-2	45.26	50.77	35.01	43.68	18.30	ppb
Lead	206-1	1.13	1.07	1.09	1.09	2.98	ppb
Lead	207-1	1.15	1.03	1.13	1.10	5.59	ppb
Lead	208-1	1.12	1.08	1.13	1.11	2.15	ppb
Lithium	6-1						%
Magnesium	24-2	433.14	420.78	437.37	430.43	2.00	ppb
Manganese	55-2	0.72	1.13	0.83	0.89	23.82	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:25:59	DataFile Name :	005CALS_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.80	1.91	1.86	1.86	2.97	ppb
Molybdenum	95-1	4.11	4.14	4.03	4.09	1.39	ppb
Molybdenum	96-1	3.63	3.70	3.60	3.64	1.42	ppb
Molybdenum	97-1	4.04	4.19	4.00	4.08	2.47	ppb
Molybdenum	98-1	4.18	4.19	4.18	4.18	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.91	0.87	0.90	2.88	ppb
Phosphorus	31-2	-8.47	-8.47	-8.47	-8.47		ppb
Potassium	39-2	401.68	467.29	446.57	438.51	7.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	2.59	-1.31	-0.01		ppb
Selenium	78-2	5.67	8.80	3.89	6.12	40.56	ppb
Selenium	82-1	3.74	4.76	4.77	4.42	13.40	ppb
Silicon	28-1	10.58	2.07	3.86	5.50	81.50	ppb
Silver	109-1	1.29	1.27	1.23	1.27	2.39	ppb
Silver	107-1	1.23	1.33	1.30	1.29	4.31	ppb
Sodium	23-2	419.93	441.52	450.02	437.15	3.55	ppb
Strontium	86-1	0.91	0.90	0.86	0.89	3.16	ppb
Strontium	88-1	0.89	0.88	0.94	0.90	3.58	ppb
Sulfur	34-1	-69.74	-552.09	-260.81	-294.21		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.80	0.89	0.91	0.87	7.05	ppb
Thallium	205-1	0.90	0.90	0.89	0.90	0.39	ppb
Tin	118-1	4.68	4.67	4.92	4.76	2.96	ppb
Titanium	47-1	4.55	4.58	4.27	4.47	3.80	ppb
Uranium	238-1	0.80	0.82	0.81	0.81	1.18	ppb
Vanadium	51-2	4.44	4.50	4.46	4.47	0.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.01	1.95	1.82	1.93	5.22	ppb
Zirconium	90-1	0.84	0.86	0.84	0.85	1.17	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:25:59	DataFile Name :	005CALS_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.85	0.82	0.90	0.86	4.91	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 12:29:28 DataFile Name : 006CALS_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1003.93	923.67	983.05	970.22	4.29	ppb
Antimony	121-1	53.29	53.56	53.61	53.49	0.32	ppb
Arsenic	75-2	48.93	48.44	49.20	48.86	0.79	ppb
Barium	135-1	257.12	263.82	262.01	260.98	1.33	ppb
Barium	137-1	261.00	262.19	264.62	262.60	0.70	ppb
Beryllium	9-1	50.25	50.65	50.31	50.40	0.43	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	49.18	53.49	49.64	50.77	4.66	ppb
Boron	11-1	47.73	47.79	48.02	47.85	0.32	ppb
Cadmium	111-1	53.91	53.77	54.18	53.95	0.38	ppb
Cadmium	106-1	52.93	54.33	57.22	54.83	3.99	ppb
Cadmium	108-1	54.52	55.71	56.56	55.60	1.85	ppb
Calcium	43-1	5057.22	4890.36	4900.37	4949.31	1.89	ppb
Calcium	44-1	5061.94	5060.24	5047.98	5056.72	0.15	ppb
Chromium	52-2	52.11	50.53	50.37	51.00	1.89	ppb
Cobalt	59-2	51.26	51.06	50.40	50.91	0.88	ppb
Copper	63-2	102.01	101.87	99.64	101.17	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2597.81	2579.62	2599.14	2592.19	0.42	ppb
Iron	57-2	2668.57	2562.30	2465.22	2565.36	3.96	ppb
Lead	206-1	49.73	48.84	50.68	49.75	1.84	ppb
Lead	207-1	48.57	48.99	49.93	49.16	1.42	ppb
Lead	208-1	48.87	49.20	50.13	49.40	1.32	ppb
Lithium	6-1						%
Magnesium	24-2	4962.94	4856.66	4818.29	4879.30	1.54	ppb
Manganese	55-2	108.03	105.49	104.28	105.93	1.81	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:29:28	DataFile Name :	006CAL5_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.38	49.48	49.49	49.45	0.12	ppb
Molybdenum	95-1	49.11	49.28	48.78	49.06	0.52	ppb
Molybdenum	96-1	48.83	49.21	48.29	48.78	0.94	ppb
Molybdenum	97-1	48.88	48.70	48.28	48.62	0.63	ppb
Molybdenum	98-1	48.94	49.87	47.98	48.93	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.60	51.48	50.55	51.54	1.99	ppb
Phosphorus	31-2	920.43	1091.86	1242.45	1084.92	14.85	ppb
Potassium	39-2	2627.89	2550.03	2543.66	2573.86	1.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	71.64	68.60	63.83	68.02	5.79	ppb
Selenium	78-2	47.29	61.29	54.42	54.33	12.88	ppb
Selenium	82-1	52.82	53.23	51.60	52.55	1.62	ppb
Silicon	28-1	60.37	57.67	60.96	59.67	2.93	ppb
Silver	109-1	55.08	55.76	55.49	55.44	0.62	ppb
Silver	107-1	54.95	55.41	55.13	55.16	0.43	ppb
Sodium	23-2	4934.65	4864.42	4778.20	4859.09	1.61	ppb
Strontium	86-1	50.28	51.13	49.79	50.40	1.35	ppb
Strontium	88-1	51.32	51.48	50.73	51.18	0.78	ppb
Sulfur	34-1	958.15	919.50	958.17	945.27	2.36	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	49.25	48.74	50.36	49.45	1.68	ppb
Thallium	205-1	49.51	49.68	50.69	49.96	1.27	ppb
Tin	118-1	54.37	54.94	53.73	54.34	1.11	ppb
Titanium	47-1	50.37	51.40	50.44	50.74	1.14	ppb
Uranium	238-1	46.88	46.93	47.42	47.07	0.63	ppb
Vanadium	51-2	50.54	49.70	49.56	49.94	1.06	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	105.67	106.36	105.32	105.78	0.50	ppb
Zirconium	90-1	49.50	50.24	49.73	49.82	0.77	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:29:28	DataFile Name :	006CALS_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.34	49.68	48.84	49.29	0.85	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:32:58	DataFile Name :	007CALS_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2290.62	2385.47	2301.53	2325.87	2.23	ppb
Antimony	121-1	134.93	133.94	143.73	137.53	3.92	ppb
Arsenic	75-2	124.16	120.79	123.00	122.65	1.40	ppb
Barium	135-1	655.49	655.92	706.11	672.51	4.33	ppb
Barium	137-1	663.76	663.86	711.48	679.70	4.05	ppb
Beryllium	9-1	127.05	125.31	133.83	128.73	3.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	120.74	119.50	130.66	123.64	4.95	ppb
Boron	11-1	120.36	120.89	127.73	122.99	3.34	ppb
Cadmium	111-1	135.78	136.39	145.10	139.09	3.75	ppb
Cadmium	106-1	135.61	140.96	144.35	140.31	3.14	ppb
Cadmium	108-1	137.67	137.85	144.00	139.84	2.58	ppb
Calcium	43-1	12447.85	12514.69	13498.50	12820.35	4.59	ppb
Calcium	44-1	12337.46	12527.54	13345.76	12736.92	4.21	ppb
Chromium	52-2	126.47	129.06	127.49	127.67	1.02	ppb
Cobalt	59-2	123.21	128.10	124.96	125.42	1.97	ppb
Copper	63-2	252.21	257.45	252.30	253.99	1.18	ppb
Dysprosium	156-1						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	6372.80	6532.84	6368.26	6424.63	1.46	ppb
Iron	57-2	6380.71	6418.13	6312.41	6370.42	0.84	ppb
Lead	206-1	123.82	122.51	132.53	126.29	4.31	ppb
Lead	207-1	122.48	120.76	130.96	124.74	4.38	ppb
Lead	208-1	123.12	122.41	131.64	125.72	4.08	ppb
Lithium	6-1						%
Magnesium	24-2	12098.97	12447.64	12233.84	12260.15	1.43	ppb
Manganese	55-2	255.71	264.42	255.30	258.48	1.99	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:32:58	DataFile Name :	007CAL5_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	121.96	122.93	131.66	125.52	4.26	ppb
Molybdenum	95-1	121.22	122.00	128.61	123.95	3.28	ppb
Molybdenum	96-1	120.49	122.06	128.79	123.78	3.56	ppb
Molybdenum	97-1	120.48	119.31	129.38	123.05	4.48	ppb
Molybdenum	98-1	121.85	120.45	129.52	123.94	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.30	129.79	128.92	128.67	0.98	ppb
Phosphorus	31-2	2080.78	2615.13	2463.23	2386.38	11.54	ppb
Potassium	39-2	6306.75	6495.30	6353.02	6385.02	1.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	199.22	172.16	144.47	171.95	15.92	ppb
Selenium	78-2	104.52	136.02	119.67	120.07	13.12	ppb
Selenium	82-1	129.03	131.05	139.43	133.17	4.14	ppb
Silicon	28-1	153.82	151.96	168.66	158.14	5.79	ppb
Silver	109-1	135.81	136.75	147.94	140.16	4.82	ppb
Silver	107-1	137.11	136.50	146.38	140.00	3.96	ppb
Sodium	23-2	12106.51	12319.95	12101.77	12176.08	1.02	ppb
Strontium	86-1	125.88	123.98	134.38	128.08	4.32	ppb
Strontium	88-1	129.12	126.65	139.25	131.68	5.07	ppb
Sulfur	34-1	2653.82	2673.47	3888.51	3071.93	23.02	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	124.41	123.85	132.96	127.08	4.02	ppb
Thallium	205-1	127.23	124.00	135.94	129.05	4.78	ppb
Tin	118-1	134.89	134.21	143.09	137.40	3.60	ppb
Titanium	47-1	126.03	129.57	133.27	129.62	2.79	ppb
Uranium	238-1	121.24	120.23	129.46	123.64	4.09	ppb
Vanadium	51-2	123.63	127.37	126.49	125.83	1.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	256.57	261.83	259.43	259.28	1.02	ppb
Zirconium	90-1	127.38	125.98	134.33	129.23	3.46	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:32:58	DataFile Name :	007CALS_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	122.67	122.23	132.27	125.72	4.51	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:36:23	DataFile Name :	008CAL5_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4763.13	4733.97	4942.46	4813.19	2.35	ppb
Antimony	121-1	268.32	266.33	262.24	265.63	1.17	ppb
Arsenic	75-2	245.18	250.33	242.80	246.10	1.56	ppb
Barium	135-1	1329.98	1307.99	1304.52	1314.16	1.05	ppb
Barium	137-1	1318.95	1311.23	1289.26	1306.48	1.18	ppb
Beryllium	9-1	252.78	250.87	252.76	252.14	0.44	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	239.18	242.89	239.74	240.60	0.83	ppb
Boron	11-1	243.03	246.91	249.02	246.32	1.23	ppb
Cadmium	111-1	270.33	266.13	263.03	266.50	1.37	ppb
Cadmium	106-1	269.60	269.46	267.93	269.00	0.34	ppb
Cadmium	108-1	277.86	271.64	265.23	271.58	2.32	ppb
Calcium	43-1	24816.33	25045.80	24995.91	24952.68	0.48	ppb
Calcium	44-1	24875.99	24714.76	24624.72	24738.49	0.51	ppb
Chromium	52-2	253.76	254.25	257.99	255.34	0.91	ppb
Cobalt	59-2	252.02	252.79	257.81	254.21	1.24	ppb
Copper	63-2	511.43	505.33	514.51	510.42	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	12735.17	12576.62	12999.76	12770.52	1.67	ppb
Iron	57-2	12707.92	12622.03	12967.42	12765.79	1.41	ppb
Lead	206-1	252.66	248.25	250.65	250.52	0.88	ppb
Lead	207-1	246.46	245.43	243.96	245.28	0.51	ppb
Lead	208-1	252.27	251.80	251.43	251.83	0.17	ppb
Lithium	6-1						%
Magnesium	24-2	24657.07	24567.60	25262.92	24829.20	1.52	ppb
Manganese	55-2	520.26	515.43	519.60	518.43	0.50	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:36:23	DataFile Name :	008CAL5_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	252.84	248.21	246.19	249.08	1.37	ppb
Molybdenum	95-1	244.98	243.57	243.64	244.06	0.33	ppb
Molybdenum	96-1	244.80	242.03	243.13	243.32	0.57	ppb
Molybdenum	97-1	245.20	242.32	241.17	242.90	0.86	ppb
Molybdenum	98-1	252.63	247.87	248.93	249.81	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.96	255.85	260.89	257.90	1.03	ppb
Phosphorus	31-2	4962.67	4646.97	5320.72	4976.78	6.77	ppb
Potassium	39-2	12637.10	12432.74	12739.82	12603.22	1.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	264.57	292.97	263.69	273.74	6.08	ppb
Selenium	78-2	265.31	257.59	253.45	258.78	2.32	ppb
Selenium	82-1	257.38	254.08	256.33	255.93	0.66	ppb
Silicon	28-1	268.24	267.45	263.47	266.39	0.96	ppb
Silver	109-1	276.04	272.12	274.18	274.11	0.72	ppb
Silver	107-1	276.87	274.61	271.06	274.18	1.07	ppb
Sodium	23-2	24946.89	24579.07	25542.99	25022.98	1.94	ppb
Strontium	86-1	250.05	247.02	247.49	248.19	0.66	ppb
Strontium	88-1	254.67	250.69	254.93	253.43	0.94	ppb
Sulfur	34-1	5300.63	5253.79	5246.98	5267.13	0.55	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	252.10	248.45	251.32	250.62	0.77	ppb
Thallium	205-1	255.97	252.96	258.74	255.89	1.13	ppb
Tin	118-1	268.01	265.35	264.59	265.99	0.68	ppb
Titanium	47-1	254.40	256.03	252.03	254.15	0.79	ppb
Uranium	238-1	247.85	245.09	245.39	246.11	0.62	ppb
Vanadium	51-2	252.06	252.29	254.02	252.79	0.42	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	520.57	518.84	524.74	521.38	0.58	ppb
Zirconium	90-1	252.58	249.89	251.93	251.47	0.56	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:36:23	DataFile Name :	008CALS_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	248.24	243.89	246.67	246.27	0.89	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:39:42	DataFile Name :	009CAL5_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9827.44	9652.93	9731.22	9737.19	0.90	ppb
Antimony	121-1	517.90	510.01	514.69	514.20	0.77	ppb
Arsenic	75-2	501.27	498.22	501.98	500.49	0.40	ppb
Barium	135-1	2533.10	2520.16	2539.47	2530.91	0.39	ppb
Barium	137-1	2541.33	2509.51	2509.87	2520.24	0.72	ppb
Beryllium	9-1	501.48	498.91	503.48	501.29	0.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	475.07	489.29	506.79	490.39	3.24	ppb
Boron	11-1	486.78	493.15	498.75	492.89	1.22	ppb
Cadmium	111-1	510.61	508.74	504.34	507.90	0.63	ppb
Cadmium	106-1	511.86	517.99	515.29	515.04	0.60	ppb
Cadmium	108-1	515.17	516.08	516.12	515.79	0.10	ppb
Calcium	43-1	49008.08	48882.65	49537.39	49142.71	0.71	ppb
Calcium	44-1	48761.09	48555.10	49853.25	49056.48	1.42	ppb
Chromium	52-2	508.50	508.00	506.82	507.77	0.17	ppb
Cobalt	59-2	506.22	505.48	511.46	507.72	0.64	ppb
Copper	63-2	1029.79	1022.66	1032.51	1028.32	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	25500.22	25342.87	25784.91	25542.67	0.88	ppb
Iron	57-2	25346.41	25318.63	25585.10	25416.71	0.58	ppb
Lead	206-1	510.78	502.07	501.29	504.72	1.04	ppb
Lead	207-1	502.54	500.31	500.88	501.24	0.23	ppb
Lead	208-1	502.74	501.89	499.73	501.45	0.31	ppb
Lithium	6-1						%
Magnesium	24-2	50591.14	51170.85	51157.73	50973.24	0.65	ppb
Manganese	55-2	1022.04	1010.78	1020.02	1017.62	0.59	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:39:42	DataFile Name :	009CAL5_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	497.01	505.13	500.84	500.99	0.81	ppb
Molybdenum	95-1	500.88	504.36	503.65	502.96	0.37	ppb
Molybdenum	96-1	490.61	499.34	501.65	497.20	1.17	ppb
Molybdenum	97-1	483.89	488.34	490.85	487.69	0.72	ppb
Molybdenum	98-1	495.43	501.41	505.13	500.66	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.73	508.57	513.59	511.63	0.52	ppb
Phosphorus	31-2	10230.36	9943.92	10446.58	10206.95	2.47	ppb
Potassium	39-2	24938.99	25025.35	24963.52	24975.95	0.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	471.72	484.89	557.86	504.82	9.19	ppb
Selenium	78-2	488.81	492.89	507.74	496.48	2.01	ppb
Selenium	82-1	500.04	502.68	508.58	503.77	0.87	ppb
Silicon	28-1	506.95	504.83	514.62	508.80	1.01	ppb
Silver	109-1	518.97	513.00	517.11	516.36	0.59	ppb
Silver	107-1	521.54	515.83	514.87	517.41	0.70	ppb
Sodium	23-2	50300.57	50241.40	50655.49	50399.15	0.44	ppb
Strontium	86-1	494.45	487.77	493.48	491.90	0.73	ppb
Strontium	88-1	497.71	502.65	497.78	499.38	0.57	ppb
Sulfur	34-1	9847.37	9699.66	10071.61	9872.88	1.90	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	503.97	506.59	504.64	505.07	0.27	ppb
Thallium	205-1	499.61	499.49	498.19	499.10	0.16	ppb
Tin	118-1	515.07	512.20	513.36	513.54	0.28	ppb
Titanium	47-1	505.24	497.41	509.44	504.03	1.21	ppb
Uranium	238-1	491.75	487.79	501.36	493.63	1.41	ppb
Vanadium	51-2	506.91	509.53	510.69	509.04	0.38	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1020.91	1024.76	1028.40	1024.69	0.37	ppb
Zirconium	90-1	493.61	496.36	500.51	496.83	0.70	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:39:42	DataFile Name :	009CALS_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.38	500.22	496.84	497.48	0.50	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 12:42:55 DataFile Name : 010CAL5_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18753.55	19641.31	19371.03	19255.30	2.36	ppb
Antimony	121-1	988.73	993.05	979.97	987.25	0.67	ppb
Arsenic	75-2	994.83	999.99	1008.41	1001.08	0.68	ppb
Barium	135-1	4967.70	5014.10	4904.25	4962.02	1.11	ppb
Barium	137-1	4941.94	5000.05	4962.90	4968.30	0.59	ppb
Beryllium	9-1	1007.11	997.05	990.85	998.34	0.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1004.66	1011.11	1006.40	1007.39	0.33	ppb
Boron	11-1	998.10	1010.00	1006.74	1004.95	0.61	ppb
Cadmium	111-1	986.09	988.38	995.44	989.97	0.49	ppb
Cadmium	106-1	973.87	995.78	987.07	985.58	1.12	ppb
Cadmium	108-1	985.63	997.45	970.65	984.58	1.36	ppb
Calcium	43-1	99303.10	98744.76	95571.59	97873.15	2.06	ppb
Calcium	44-1	97020.31	97044.22	94918.94	96327.82	1.27	ppb
Chromium	52-2	977.11	1012.17	993.90	994.39	1.76	ppb
Cobalt	59-2	975.80	1006.31	1002.85	994.99	1.68	ppb
Copper	63-2	1948.71	2009.73	1989.59	1982.68	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	48658.94	49813.51	49811.47	49427.97	1.35	ppb
Iron	57-2	48517.88	50055.78	49939.43	49504.36	1.73	ppb
Lead	206-1	1011.39	994.41	986.29	997.36	1.28	ppb
Lead	207-1	1011.62	1004.28	986.00	1000.63	1.32	ppb
Lead	208-1	1007.90	1001.90	986.47	998.76	1.11	ppb
Lithium	6-1						%
Magnesium	24-2	98166.78	100340.00	101877.50	100128.10	1.86	ppb
Manganese	55-2	1943.60	2010.73	2001.35	1985.23	1.83	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:42:55	DataFile Name :	010CAL5_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1000.59	1012.58	985.98	999.71	1.33	ppb
Molybdenum	95-1	1000.20	1008.65	991.72	1000.19	0.85	ppb
Molybdenum	96-1	997.86	1018.76	993.26	1003.29	1.35	ppb
Molybdenum	97-1	1011.72	1018.80	994.22	1008.25	1.26	ppb
Molybdenum	98-1	999.66	1008.24	991.83	999.91	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	974.87	1001.23	998.92	991.67	1.47	ppb
Phosphorus	31-2	19118.72	20393.58	20224.56	19912.28	3.48	ppb
Potassium	39-2	47624.81	49205.38	48519.84	48450.01	1.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1007.78	1031.89	915.05	984.91	6.26	ppb
Selenium	78-2	1007.55	1033.40	958.92	999.96	3.78	ppb
Selenium	82-1	999.69	1003.25	983.52	995.49	1.06	ppb
Silicon	28-1	993.62	999.45	967.69	986.92	1.71	ppb
Silver	109-1	981.34	992.15	977.38	983.62	0.78	ppb
Silver	107-1	981.23	992.76	975.35	983.12	0.90	ppb
Sodium	23-2	97889.67	101328.51	100761.08	99993.09	1.84	ppb
Strontium	86-1	1012.85	1009.40	990.05	1004.10	1.22	ppb
Strontium	88-1	999.31	1009.07	987.31	998.56	1.09	ppb
Sulfur	34-1	19978.56	20108.93	19696.58	19928.02	1.06	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1010.66	998.13	982.44	997.08	1.42	ppb
Thallium	205-1	1005.12	1005.19	985.11	998.48	1.16	ppb
Tin	118-1	987.62	993.47	981.31	987.47	0.62	ppb
Titanium	47-1	996.14	1003.09	989.78	996.34	0.67	ppb
Uranium	238-1	1005.53	1007.16	1000.72	1004.47	0.33	ppb
Vanadium	51-2	976.02	1007.56	1000.46	994.68	1.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1958.46	1997.41	1986.72	1980.86	1.02	ppb
Zirconium	90-1	997.46	1012.80	991.84	1000.70	1.08	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:42:55	DataFile Name :	010CALS_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1011.69	1009.16	985.58	1002.14	1.44	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:46:05	DataFile Name :	011CALS_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101649.87	98436.83	100480.94	100189.21	1.62	ppb
Antimony	121-1	2.05	2.25	2.17	2.16	4.82	ppb
Arsenic	75-2	0.43	0.21	0.41	0.35	34.21	ppb
Barium	135-1	1.39	1.63	1.57	1.53	8.21	ppb
Barium	137-1	1.50	1.65	1.59	1.58	4.82	ppb
Beryllium	9-1	0.36	0.37	0.43	0.39	9.64	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	32.87	33.19	33.60	33.22	1.09	ppb
Boron	11-1	34.81	33.27	31.10	33.06	5.63	ppb
Cadmium	111-1	0.08	0.11	-0.01	0.06	107.49	ppb
Cadmium	106-1	-0.57	-0.55	-2.03	-1.05		ppb
Cadmium	108-1	0.29	0.12	0.21	0.21	42.35	ppb
Calcium	43-1	496152.11	503649.16	501716.81	500506.03	0.78	ppb
Calcium	44-1	496975.17	505628.66	499902.50	500835.44	0.88	ppb
Chromium	52-2	8.70	8.30	8.78	8.59	3.02	ppb
Cobalt	59-2	1.26	1.17	1.21	1.21	3.74	ppb
Copper	63-2	3.20	2.89	2.98	3.02	5.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	252959.56	246440.01	250724.41	250041.33	1.32	ppb
Iron	57-2	254772.65	246433.39	248915.48	250040.50	1.71	ppb
Lead	206-1	1.67	1.62	1.68	1.66	1.86	ppb
Lead	207-1	1.53	1.56	1.51	1.53	1.65	ppb
Lead	208-1	1.55	1.59	1.61	1.58	1.95	ppb
Lithium	6-1						%
Magnesium	24-2	510300.92	491678.64	497699.05	499892.87	1.90	ppb
Manganese	55-2	6.56	6.24	7.20	6.67	7.36	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:46:05	DataFile Name :	011CAL5_P8091217- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.59	0.60	0.56	0.58	3.24	ppb
Molybdenum	95-1	1.34	1.48	1.46	1.43	5.14	ppb
Molybdenum	96-1	1.76	1.74	1.70	1.73	1.76	ppb
Molybdenum	97-1	1.54	1.53	1.53	1.53	0.57	ppb
Molybdenum	98-1	1.41	1.51	1.45	1.46	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.63	3.71	3.58	3.64	1.87	ppb
Phosphorus	31-2	10.09	9.48	-8.47	3.70	285.19	ppb
Potassium	39-2	254251.59	244826.17	251831.99	250303.25	1.96	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.90	-1.31	-1.31	0.09	2680.56	ppb
Selenium	78-2	-1.04	0.95	0.96	0.29	395.98	ppb
Selenium	82-1	-0.02	1.53	1.53	1.01	88.53	ppb
Silicon	28-1	34.96	38.81	37.73	37.17	5.34	ppb
Silver	109-1	0.09	0.06	0.10	0.08	24.40	ppb
Silver	107-1	0.09	0.09	0.10	0.09	4.59	ppb
Sodium	23-2	506405.07	490697.21	502807.38	499969.89	1.65	ppb
Strontium	86-1	32.92	33.64	33.50	33.35	1.14	ppb
Strontium	88-1	33.85	34.51	34.39	34.25	1.02	ppb
Sulfur	34-1	-65.74	58.15	128.98	40.46	243.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.38	0.38	0.37	0.38	2.38	ppb
Thallium	205-1	0.37	0.37	0.33	0.36	6.09	ppb
Tin	118-1	0.82	0.72	0.75	0.76	6.97	ppb
Titanium	47-1	0.64	0.83	0.83	0.77	13.95	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	4.37	ppb
Vanadium	51-2	0.32	0.22	0.37	0.30	25.32	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.74	9.30	7.93	8.32	10.20	ppb
Zirconium	90-1	0.15	0.17	0.14	0.16	9.53	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:46:05	DataFile Name :	011CALS_P8091217- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.19	0.13	0.18	0.17	17.43	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:05:07	DataFile Name :	016ICV01_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	549.77	521.92	518.72	530.13	3.22	ppb
Antimony	121-1	208.25	205.30	203.35	205.63	1.20	ppb
Arsenic	75-2	196.59	211.01	201.60	203.07	3.61	ppb
Barium	135-1	103.71	103.08	100.29	102.36	1.78	ppb
Barium	137-1	103.10	100.53	101.49	101.71	1.28	ppb
Beryllium	9-1	102.03	98.53	100.79	100.45	1.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	537.93	538.34	544.56	540.28	0.69	ppb
Boron	11-1	540.08	533.85	550.39	541.44	1.54	ppb
Cadmium	111-1	107.08	106.03	104.29	105.80	1.33	ppb
Cadmium	106-1	159.86	157.10	149.99	155.65	3.27	ppb
Cadmium	108-1	135.28	134.74	129.64	133.22	2.34	ppb
Calcium	43-1	2151.38	2152.38	2194.74	2166.17	1.14	ppb
Calcium	44-1	2123.18	2100.20	2084.28	2102.56	0.93	ppb
Chromium	52-2	98.73	108.55	102.20	103.16	4.83	ppb
Cobalt	59-2	101.46	111.19	104.72	105.79	4.68	ppb
Copper	63-2	101.98	111.01	104.95	105.98	4.35	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	1002.14	1093.55	1040.95	1045.55	4.39	ppb
Iron	57-2	1016.93	1079.40	1042.19	1046.17	3.00	ppb
Lead	206-1	203.85	200.14	201.69	201.89	0.92	ppb
Lead	207-1	194.12	189.35	192.04	191.84	1.25	ppb
Lead	208-1	202.42	199.20	199.96	200.53	0.84	ppb
Lithium	6-1						%
Magnesium	24-2	1190.07	1302.99	1265.80	1252.95	4.59	ppb
Manganese	55-2	100.09	109.18	104.34	104.54	4.35	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:05:07	DataFile Name :	016ICV01_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	518.61	501.89	508.52	509.67	1.65	ppb
Molybdenum	95-1	522.59	512.61	511.81	515.67	1.16	ppb
Molybdenum	96-1	520.29	508.98	510.41	513.22	1.20	ppb
Molybdenum	97-1	510.13	496.61	501.13	502.62	1.37	ppb
Molybdenum	98-1	522.81	510.05	512.31	515.05	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.94	113.69	106.23	107.95	4.72	ppb
Phosphorus	31-2	-8.47	9.71	26.31	9.18	189.47	ppb
Potassium	39-2	1974.55	2169.86	2041.16	2061.86	4.82	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	153.01	230.16	204.32	195.83	20.05	ppb
Selenium	78-2	188.21	208.17	198.13	198.17	5.04	ppb
Selenium	82-1	207.91	202.12	203.03	204.35	1.52	ppb
Silicon	28-1	514.81	516.27	511.69	514.26	0.45	ppb
Silver	109-1	100.45	98.58	98.29	99.11	1.19	ppb
Silver	107-1	99.05	97.93	97.15	98.04	0.97	ppb
Sodium	23-2	1988.83	2182.54	2060.73	2077.36	4.71	ppb
Strontium	86-1	513.32	499.35	503.87	505.51	1.41	ppb
Strontium	88-1	525.04	512.07	513.67	516.93	1.37	ppb
Sulfur	34-1	-1291.94	-1425.67	-1610.66	-1442.76		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	207.58	203.31	205.71	205.53	1.04	ppb
Thallium	205-1	210.44	206.85	207.71	208.33	0.90	ppb
Tin	118-1	544.64	527.71	530.42	534.26	1.70	ppb
Titanium	47-1	523.09	516.36	513.68	517.71	0.94	ppb
Uranium	238-1	548.97	540.44	541.16	543.52	0.87	ppb
Vanadium	51-2	99.36	107.86	103.01	103.41	4.12	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	209.61	224.17	218.28	217.35	3.37	ppb
Zirconium	90-1	509.85	501.82	502.98	504.88	0.86	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:05:07	DataFile Name :	016ICV01_P8091217- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	513.17	502.74	503.90	506.60	1.13	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:08:32	DataFile Name :	017CCBE_P8091217- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.46	0.03	-1.22	-1.22		ppb
Antimony	121-1	0.25	0.22	0.21	0.23	8.68	ppb
Arsenic	75-2	0.03	0.01	-0.05	0.00		ppb
Barium	135-1	-0.01	-0.03	-0.04	-0.03		ppb
Barium	137-1	-0.01	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.10	0.05	0.03	0.06	57.96	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.34	23.31	22.96	22.54	4.65	ppb
Boron	11-1	22.15	21.47	20.74	21.45	3.30	ppb
Cadmium	111-1	-0.14	-0.04	-0.18	-0.12		ppb
Cadmium	106-1	-1.87	-0.66	-2.36	-1.63		ppb
Cadmium	108-1	0.03	0.02	0.09	0.05	80.71	ppb
Calcium	43-1	-23.05	-15.25	-11.70	-16.67		ppb
Calcium	44-1	-2.28	4.48	8.93	3.71	152.05	ppb
Chromium	52-2	-0.10	0.00	-0.15	-0.08		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.00	-0.01	0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.35	0.20	0.39	0.32	31.20	ppb
Iron	57-2	-1.80	-1.74	-2.11	-1.88		ppb
Lead	206-1	0.09	0.07	0.10	0.08	18.24	ppb
Lead	207-1	0.04	0.04	0.04	0.04	11.54	ppb
Lead	208-1	0.05	0.05	0.05	0.05	8.63	ppb
Lithium	6-1						%
Magnesium	24-2	-1.03	2.01	0.65	0.54	279.10	ppb
Manganese	55-2	-0.02	-0.10	-0.18	-0.10		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:08:32	DataFile Name :	017CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.04	0.03	0.04	28.57	ppb
Molybdenum	95-1	0.07	0.05	0.07	0.06	21.69	ppb
Molybdenum	96-1	0.07	0.06	0.09	0.07	24.18	ppb
Molybdenum	97-1	0.04	0.11	0.08	0.08	46.51	ppb
Molybdenum	98-1	0.07	0.08	0.08	0.08	8.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.08	-0.16	-0.11		ppb
Phosphorus	31-2	8.39	8.77	8.67	8.61	2.28	ppb
Potassium	39-2	6.27	23.00	13.23	14.17	59.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.65	-1.31	-1.31	0.01	25816.97	ppb
Selenium	78-2	0.21	-0.41	0.84	0.21	294.67	ppb
Selenium	82-1	-0.08	0.12	0.49	0.18	161.33	ppb
Silicon	28-1	-8.58	-5.41	-3.43	-5.80		ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.71	ppb
Silver	107-1	0.03	0.02	0.01	0.02	44.83	ppb
Sodium	23-2	14.03	24.26	24.30	20.86	28.36	ppb
Strontium	86-1	-0.01	-0.03	0.06	0.01	702.54	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.91	ppb
Sulfur	34-1	-1115.65	-1020.26	-735.95	-957.29		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.06	0.06	0.06	6.57	ppb
Thallium	205-1	0.07	0.05	0.06	0.06	17.54	ppb
Tin	118-1	0.39	0.37	0.36	0.37	4.31	ppb
Titanium	47-1	0.14	0.15	-0.02	0.09	106.88	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	31.54	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00	13486.86	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.11	-0.13	0.18	-0.02		ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	51.03	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:08:32	DataFile Name :	017CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.02	0.02	15.13	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 13:11:41 DataFile Name : 018ICSA01_P8091217-1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88258.77	90805.18	89187.60	89417.18	1.44	ppb
Antimony	121-1	1.28	1.27	1.34	1.30	2.65	ppb
Arsenic	75-2	0.31	0.31	0.22	0.28	18.64	ppb
Barium	135-1	1.30	1.48	1.41	1.40	6.40	ppb
Barium	137-1	1.35	1.53	1.48	1.45	6.62	ppb
Beryllium	9-1	0.23	0.22	0.37	0.27	29.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	19.49	21.76	19.69	20.31	6.19	ppb
Boron	11-1	20.69	19.91	20.13	20.24	1.99	ppb
Cadmium	111-1	0.02	0.04	0.11	0.06	87.10	ppb
Cadmium	106-1	-2.55	-2.24	-1.71	-2.16		ppb
Cadmium	108-1	7.21	6.79	6.64	6.88	4.31	ppb
Calcium	43-1	97937.84	97753.44	96742.93	97478.07	0.66	ppb
Calcium	44-1	96512.73	95422.27	96355.87	96096.96	0.61	ppb
Chromium	52-2	19.46	20.15	20.02	19.88	1.84	ppb
Cobalt	59-2	1.11	1.20	1.10	1.14	4.85	ppb
Copper	63-2	7.75	7.94	7.64	7.78	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	96368.74	99362.21	97574.74	97768.57	1.54	ppb
Iron	57-2	99228.46	100624.42	99046.52	99633.13	0.87	ppb
Lead	206-1	4.79	4.55	4.67	4.67	2.50	ppb
Lead	207-1	4.00	3.88	4.01	3.96	1.80	ppb
Lead	208-1	4.33	4.19	4.27	4.27	1.71	ppb
Lithium	6-1						%
Magnesium	24-2	97063.80	98967.51	98132.47	98054.59	0.97	ppb
Manganese	55-2	7.68	7.81	7.96	7.82	1.78	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:11:41	DataFile Name :	018ICSA01_P8091217-1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	571.88	570.62	569.56	570.69	0.20	ppb
Molybdenum	95-1	1878.74	1866.03	1877.44	1874.07	0.37	ppb
Molybdenum	96-1	1571.08	1560.66	1546.54	1559.42	0.79	ppb
Molybdenum	97-1	1869.99	1858.43	1876.43	1868.28	0.49	ppb
Molybdenum	98-1	1898.40	1886.95	1859.05	1881.47	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.04	5.61	5.47	5.37	5.61	ppb
Phosphorus	31-2	96994.07	99398.93	98302.43	98231.81	1.23	ppb
Potassium	39-2	96965.01	99110.23	98494.91	98190.05	1.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.73	-1.31	-1.31	0.03	6915.51	ppb
Selenium	78-2	0.24	0.24	-0.39	0.03	1199.58	ppb
Selenium	82-1	1.32	0.55	-0.03	0.61	111.27	ppb
Silicon	28-1	27.42	24.05	23.81	25.09	8.05	ppb
Silver	109-1	0.20	0.18	0.20	0.19	7.03	ppb
Silver	107-1	0.16	0.20	0.20	0.19	13.82	ppb
Sodium	23-2	95571.54	98908.81	96727.88	97069.41	1.75	ppb
Strontium	86-1	31.97	31.88	32.39	32.08	0.85	ppb
Strontium	88-1	33.28	32.94	32.89	33.04	0.64	ppb
Sulfur	34-1	78758.09	77625.65	77745.32	78043.02	0.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.14	0.10	0.12	15.37	ppb
Thallium	205-1	0.12	0.13	0.13	0.13	3.15	ppb
Tin	118-1	0.29	0.28	0.33	0.30	7.90	ppb
Titanium	47-1	1947.06	1958.06	1945.23	1950.12	0.36	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.59	ppb
Vanadium	51-2	0.09	0.10	0.14	0.11	24.65	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.01	11.38	13.12	12.50	7.78	ppb
Zirconium	90-1	0.10	0.09	0.11	0.10	11.25	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:11:41	DataFile Name :	018ICSA01_P8091217-1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.08	0.13	0.10	23.00	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:14:46	DataFile Name :	019ICSB_P8091217- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89607.14	88820.18	89677.31	89368.21	0.53	ppb
Antimony	121-1	20.82	20.89	20.82	20.85	0.18	ppb
Arsenic	75-2	18.66	18.39	18.65	18.57	0.82	ppb
Barium	135-1	21.54	20.52	20.82	20.96	2.50	ppb
Barium	137-1	21.73	21.05	21.40	21.39	1.60	ppb
Beryllium	9-1	20.47	20.21	20.08	20.25	0.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	68.03	65.00	69.54	67.52	3.42	ppb
Boron	11-1	64.51	67.21	68.19	66.64	2.86	ppb
Cadmium	111-1	19.68	19.76	19.71	19.71	0.22	ppb
Cadmium	106-1	21.66	22.75	21.53	21.98	3.05	ppb
Cadmium	108-1	30.25	28.40	28.95	29.20	3.25	ppb
Calcium	43-1	96547.19	96938.23	96112.17	96532.53	0.43	ppb
Calcium	44-1	95668.11	96424.49	95069.39	95720.66	0.71	ppb
Chromium	52-2	39.38	38.86	39.40	39.21	0.78	ppb
Cobalt	59-2	21.57	21.16	21.12	21.28	1.16	ppb
Copper	63-2	27.96	28.20	28.03	28.06	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	97972.77	98189.68	98551.53	98237.99	0.30	ppb
Iron	57-2	98224.78	99306.88	99893.14	99141.60	0.85	ppb
Lead	206-1	24.70	25.16	24.87	24.91	0.94	ppb
Lead	207-1	22.28	22.89	22.50	22.56	1.37	ppb
Lead	208-1	23.44	23.60	23.41	23.48	0.42	ppb
Lithium	6-1						%
Magnesium	24-2	98267.80	97085.38	97584.20	97645.79	0.61	ppb
Manganese	55-2	28.16	27.98	27.39	27.84	1.44	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:14:46	DataFile Name :	019ICSB_P8091217- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	616.83	611.20	620.71	616.25	0.78	ppb
Molybdenum	95-1	1898.29	1906.80	1904.38	1903.16	0.23	ppb
Molybdenum	96-1	1584.90	1588.19	1573.69	1582.26	0.48	ppb
Molybdenum	97-1	1917.87	1892.86	1902.04	1904.25	0.66	ppb
Molybdenum	98-1	1926.05	1899.91	1895.76	1907.24	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.86	25.97	25.30	25.71	1.39	ppb
Phosphorus	31-2	100748.45	99513.53	99811.83	100024.60	0.64	ppb
Potassium	39-2	98898.37	98489.08	96835.35	98074.27	1.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	27.05	10.98	30.91	22.98	46.01	ppb
Selenium	78-2	11.71	17.65	19.87	16.41	25.70	ppb
Selenium	82-1	18.89	20.53	20.99	20.13	5.48	ppb
Silicon	28-1	84.67	83.91	86.70	85.09	1.70	ppb
Silver	109-1	18.86	18.94	18.95	18.91	0.26	ppb
Silver	107-1	18.94	18.69	18.75	18.80	0.70	ppb
Sodium	23-2	97154.50	97267.02	96565.94	96995.82	0.39	ppb
Strontium	86-1	82.36	80.42	82.44	81.74	1.40	ppb
Strontium	88-1	85.42	84.45	85.48	85.12	0.68	ppb
Sulfur	34-1	77201.33	77180.09	76182.69	76854.70	0.76	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.18	20.41	20.06	20.22	0.88	ppb
Thallium	205-1	20.20	20.43	20.33	20.32	0.58	ppb
Tin	118-1	51.99	51.69	51.80	51.83	0.29	ppb
Titanium	47-1	1992.91	1989.23	1968.59	1983.57	0.66	ppb
Uranium	238-1	50.79	51.35	51.20	51.11	0.56	ppb
Vanadium	51-2	19.66	19.85	20.17	19.89	1.28	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	33.88	32.65	32.38	32.97	2.43	ppb
Zirconium	90-1	50.62	50.37	50.60	50.53	0.27	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:14:46	DataFile Name :	019ICSB_P8091217- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.66	49.71	50.22	50.20	0.94	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:17:51	DataFile Name :	020CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49187.97	48404.99	48701.54	48764.83	0.81	ppb
Antimony	121-1	508.59	505.39	514.86	509.61	0.95	ppb
Arsenic	75-2	497.14	486.40	495.02	492.85	1.15	ppb
Barium	135-1	2558.44	2539.36	2551.75	2549.85	0.38	ppb
Barium	137-1	2534.93	2528.19	2548.22	2537.11	0.40	ppb
Beryllium	9-1	523.98	518.09	525.70	522.59	0.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	522.86	529.65	539.93	530.81	1.62	ppb
Boron	11-1	523.62	523.86	535.34	527.61	1.27	ppb
Cadmium	111-1	491.40	488.51	492.40	490.77	0.41	ppb
Cadmium	106-1	501.83	496.52	497.01	498.45	0.59	ppb
Cadmium	108-1	507.90	498.64	501.22	502.59	0.95	ppb
Calcium	43-1	244920.50	245033.09	249423.02	246458.87	1.04	ppb
Calcium	44-1	241821.32	246880.50	247843.40	245515.07	1.32	ppb
Chromium	52-2	509.17	502.80	501.39	504.46	0.82	ppb
Cobalt	59-2	496.29	490.12	489.86	492.09	0.74	ppb
Copper	63-2	997.49	981.44	981.63	986.85	0.93	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	122603.69	120553.24	121042.41	121399.78	0.88	ppb
Iron	57-2	124337.29	123644.95	122839.97	123607.40	0.61	ppb
Lead	206-1	520.58	523.06	518.44	520.70	0.44	ppb
Lead	207-1	515.12	524.87	517.27	519.09	0.99	ppb
Lead	208-1	517.97	520.61	513.40	517.33	0.71	ppb
Lithium	6-1						%
Magnesium	24-2	247621.68	245868.73	244487.92	245992.78	0.64	ppb
Manganese	55-2	1021.42	997.68	1001.85	1006.98	1.26	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:17:51	DataFile Name :	020CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	512.37	509.59	513.96	511.97	0.43	ppb
Molybdenum	95-1	508.24	510.51	518.65	512.47	1.07	ppb
Molybdenum	96-1	514.80	511.34	511.86	512.67	0.36	ppb
Molybdenum	97-1	497.01	496.87	498.89	497.59	0.23	ppb
Molybdenum	98-1	513.60	513.96	511.53	513.03	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.78	487.14	491.87	492.93	1.30	ppb
Phosphorus	31-2	10663.32	10613.43	10046.89	10441.21	3.28	ppb
Potassium	39-2	126162.35	122953.44	123723.18	124279.66	1.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	525.80	496.06	447.60	489.82	8.06	ppb
Selenium	78-2	479.16	500.24	470.84	483.41	3.14	ppb
Selenium	82-1	505.81	494.88	509.75	503.48	1.53	ppb
Silicon	28-1	513.94	530.53	533.45	525.97	2.00	ppb
Silver	109-1	499.81	496.78	505.62	500.74	0.90	ppb
Silver	107-1	493.69	498.70	503.08	498.49	0.94	ppb
Sodium	23-2	249797.41	244812.67	247072.39	247227.49	1.01	ppb
Strontium	86-1	511.75	511.98	518.03	513.92	0.69	ppb
Strontium	88-1	527.36	514.30	521.84	521.17	1.26	ppb
Sulfur	34-1	8653.62	9294.00	9498.65	9148.76	4.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	526.37	519.96	520.71	522.35	0.67	ppb
Thallium	205-1	514.55	512.24	512.21	513.00	0.26	ppb
Tin	118-1	511.14	507.30	512.09	510.18	0.50	ppb
Titanium	47-1	502.48	513.96	506.73	507.73	1.14	ppb
Uranium	238-1	523.55	524.98	520.27	522.93	0.46	ppb
Vanadium	51-2	508.63	500.42	503.12	504.06	0.83	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	995.35	975.17	986.86	985.79	1.03	ppb
Zirconium	90-1	513.77	506.34	511.86	510.65	0.76	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:17:51	DataFile Name :	020CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.97	504.74	519.53	512.08	1.44	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : CCB95 Instrumnet Name : P8
 Client Sample ID : CCB95 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 13:20:50 DataFile Name : 021CCBE_P8091217- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.31	-1.11	1.38	0.53	269.77	ppb
Antimony	121-1	0.35	0.34	0.39	0.36	7.12	ppb
Arsenic	75-2	-0.02	0.08	-0.02	0.01	397.43	ppb
Barium	135-1	0.04	-0.04	0.02	0.01	596.05	ppb
Barium	137-1	0.03	0.01	0.07	0.04	82.59	ppb
Beryllium	9-1	0.09	0.12	0.13	0.11	18.87	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	17.57	18.67	12.69	16.31	19.51	ppb
Boron	11-1	17.97	16.96	15.94	16.96	5.99	ppb
Cadmium	111-1	-0.17	-0.14	-0.15	-0.15		ppb
Cadmium	106-1	-2.68	-2.13	-2.24	-2.35		ppb
Cadmium	108-1	0.11	0.11	0.03	0.08	60.97	ppb
Calcium	43-1	0.50	-11.94	-7.90	-6.45		ppb
Calcium	44-1	11.07	10.31	18.66	13.35	34.58	ppb
Chromium	52-2	-0.12	0.04	-0.02	-0.03		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.15	0.13	0.08	0.12	29.87	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	4.90	3.29	2.04	3.41	42.14	ppb
Iron	57-2	6.62	5.46	2.76	4.94	40.07	ppb
Lead	206-1	0.07	0.04	0.10	0.07	42.02	ppb
Lead	207-1	0.08	0.04	0.07	0.06	37.65	ppb
Lead	208-1	0.08	0.05	0.08	0.07	24.26	ppb
Lithium	6-1						%
Magnesium	24-2	7.68	5.36	1.48	4.84	64.71	ppb
Manganese	55-2	-0.19	-0.09	-0.19	-0.16		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:20:50	DataFile Name :	021CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.05	0.06	0.06	14.79	ppb
Molybdenum	95-1	0.15	0.11	0.11	0.12	17.72	ppb
Molybdenum	96-1	0.10	0.12	0.13	0.11	15.08	ppb
Molybdenum	97-1	0.15	0.15	0.15	0.15	1.47	ppb
Molybdenum	98-1	0.15	0.14	0.12	0.14	11.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.01	-0.08	-0.05		ppb
Phosphorus	31-2	8.96	10.17	9.25	9.46	6.67	ppb
Potassium	39-2	47.55	65.58	37.19	50.10	28.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	-1.31	-1.31	-1.31		ppb
Selenium	78-2	0.24	0.99	0.23	0.49	90.21	ppb
Selenium	82-1	0.63	0.27	0.51	0.47	39.56	ppb
Silicon	28-1	-11.64	-12.74	-11.58	-11.99		ppb
Silver	109-1	0.07	0.05	0.05	0.06	22.45	ppb
Silver	107-1	0.06	0.05	0.05	0.06	12.09	ppb
Sodium	23-2	98.00	107.06	97.64	100.90	5.29	ppb
Strontium	86-1	0.01	-0.04	-0.01	-0.01		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	50.11	ppb
Sulfur	34-1	-1158.07	-987.46	-999.78	-1048.44		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.10	0.08	0.14	0.11	26.71	ppb
Thallium	205-1	0.12	0.10	0.09	0.11	16.55	ppb
Tin	118-1	0.20	0.17	0.16	0.18	12.48	ppb
Titanium	47-1	0.00	0.10	0.15	0.08	88.98	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.23	0.17	0.24	0.22	16.60	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	13.79	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:20:50	DataFile Name :	021CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.03	0.04	0.04	38.63	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 13:24:00 DataFile Name : 022SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.27	21.55	15.19	16.67	25.98	ppb
Antimony	121-1	1.97	1.96	1.94	1.95	0.69	ppb
Arsenic	75-2	0.72	0.98	0.77	0.82	16.44	ppb
Barium	135-1	8.71	8.43	9.07	8.74	3.70	ppb
Barium	137-1	8.92	8.78	8.97	8.89	1.11	ppb
Beryllium	9-1	1.10	1.03	0.95	1.03	7.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	29.48	27.90	30.56	29.31	4.56	ppb
Boron	11-1	32.12	32.02	31.91	32.02	0.32	ppb
Cadmium	111-1	0.78	0.84	0.81	0.81	3.81	ppb
Cadmium	106-1	-1.04	-1.12	-0.72	-0.96		ppb
Cadmium	108-1	0.81	1.08	0.98	0.96	14.50	ppb
Calcium	43-1	451.09	455.73	414.50	440.44	5.13	ppb
Calcium	44-1	443.31	444.07	442.98	443.45	0.13	ppb
Chromium	52-2	1.57	2.11	1.85	1.84	14.55	ppb
Cobalt	59-2	0.92	0.92	0.96	0.93	2.36	ppb
Copper	63-2	2.20	2.03	2.22	2.15	4.83	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	45.77	46.34	47.71	46.61	2.14	ppb
Iron	57-2	48.24	44.56	43.32	45.37	5.65	ppb
Lead	206-1	0.99	1.15	1.06	1.07	7.24	ppb
Lead	207-1	1.02	1.08	1.03	1.05	3.18	ppb
Lead	208-1	1.05	1.09	1.05	1.07	2.23	ppb
Lithium	6-1						%
Magnesium	24-2	472.63	452.31	452.12	459.02	2.57	ppb
Manganese	55-2	0.84	0.63	0.80	0.76	14.81	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:24:00	DataFile Name :	022SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.89	1.94	1.91	1.91	1.45	ppb
Molybdenum	95-1	4.24	4.39	4.30	4.31	1.80	ppb
Molybdenum	96-1	3.64	3.70	3.54	3.63	2.18	ppb
Molybdenum	97-1	4.40	3.98	4.24	4.21	5.00	ppb
Molybdenum	98-1	4.19	4.21	4.36	4.26	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.01	0.76	0.94	17.32	ppb
Phosphorus	31-2	46.11	-8.47	26.53	21.39	129.30	ppb
Potassium	39-2	492.63	487.32	472.79	484.25	2.12	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	7.14	2.94	-1.31	2.92	144.70	ppb
Selenium	78-2	4.94	3.65	2.79	3.80	28.53	ppb
Selenium	82-1	5.35	4.46	5.05	4.95	9.22	ppb
Silicon	28-1	0.40	-5.85	-2.76	-2.73		ppb
Silver	109-1	1.18	1.24	1.23	1.22	2.30	ppb
Silver	107-1	1.25	1.25	1.22	1.24	1.57	ppb
Sodium	23-2	514.08	505.86	503.97	507.97	1.06	ppb
Strontium	86-1	0.96	0.92	0.76	0.88	12.19	ppb
Strontium	88-1	0.92	0.91	0.90	0.91	0.79	ppb
Sulfur	34-1	-706.02	-1139.62	-996.65	-947.43		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.92	0.94	0.92	0.93	1.43	ppb
Thallium	205-1	0.96	0.99	0.91	0.95	4.18	ppb
Tin	118-1	4.59	4.53	4.57	4.56	0.77	ppb
Titanium	47-1	4.59	4.60	4.41	4.53	2.41	ppb
Uranium	238-1	0.84	0.87	0.83	0.85	2.62	ppb
Vanadium	51-2	4.44	4.59	4.64	4.56	2.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.24	2.21	1.87	2.11	9.72	ppb
Zirconium	90-1	0.86	0.88	0.90	0.88	2.37	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:24:00	DataFile Name :	022SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.85	0.85	0.83	0.84	1.56	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : PB102198BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 13:27:10 DataFile Name : 023CCBE_P8091217- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	-1.22	0.01	-0.40		ppb
Antimony	121-1	0.06	0.06	0.06	0.06	6.71	ppb
Arsenic	75-2	-0.01	-0.02	0.03	0.00	14657.00	ppb
Barium	135-1	-0.03	-0.04	-0.03	-0.03		ppb
Barium	137-1	0.00	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.05	0.05	0.09	0.06	37.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.79	10.43	12.78	10.66	18.81	ppb
Boron	11-1	8.50	9.50	9.40	9.13	5.99	ppb
Cadmium	111-1	-0.16	-0.13	-0.12	-0.14		ppb
Cadmium	106-1	-2.35	-1.95	-1.75	-2.02		ppb
Cadmium	108-1	-0.03	0.12	0.00	0.03	299.53	ppb
Calcium	43-1	-8.85	-19.42	11.01	-5.75		ppb
Calcium	44-1	4.18	-1.96	14.83	5.69	149.42	ppb
Chromium	52-2	-0.05	-0.07	-0.20	-0.10		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.06	0.08	0.04	0.06	31.87	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	0.77	0.67	0.82	0.75	10.47	ppb
Iron	57-2	-1.07	-1.41	-1.05	-1.17		ppb
Lead	206-1	0.06	0.05	0.07	0.06	14.68	ppb
Lead	207-1	0.04	0.05	0.05	0.05	5.31	ppb
Lead	208-1	0.05	0.04	0.06	0.05	16.06	ppb
Lithium	6-1						%
Magnesium	24-2	6.02	1.92	0.89	2.95	92.10	ppb
Manganese	55-2	-0.09	-0.05	-0.05	-0.07		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102198BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:27:10	DataFile Name :	023CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	-0.01	0.00	228.38	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.02	0.00	0.02	0.01	87.41	ppb
Molybdenum	97-1	0.03	0.01	0.03	0.03	38.14	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.03	22.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.09	-0.11	-0.07		ppb
Phosphorus	31-2	25.60	8.62	60.00	31.41	83.35	ppb
Potassium	39-2	19.90	13.96	11.59	15.15	28.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	-1.31	-1.31	-1.31		ppb
Selenium	78-2	-0.41	-0.41	0.21	-0.21		ppb
Selenium	82-1	0.59	-0.16	0.57	0.33	129.44	ppb
Silicon	28-1	-15.61	-16.93	-3.69	-12.08		ppb
Silver	109-1	0.02	0.02	0.02	0.02	21.92	ppb
Silver	107-1	0.03	0.03	0.04	0.03	19.92	ppb
Sodium	23-2	39.66	47.33	41.87	42.95	9.19	ppb
Strontium	86-1	-0.07	-0.01	0.04	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-826.53	-876.62	250.70	-484.15		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.02	0.02	23.97	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	9.37	ppb
Tin	118-1	0.05	0.08	0.08	0.07	23.77	ppb
Titanium	47-1	0.12	-0.04	0.11	0.06	145.37	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.22	0.15	0.02	0.13	75.07	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	109.49	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102198BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:27:10	DataFile Name :	023CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.01	48.98	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102198BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:30:19	DataFile Name :	024LCSE_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.48	42.64	29.37	33.83	22.56	ppb
Antimony	121-1	3.95	4.05	4.12	4.04	2.14	ppb
Arsenic	75-2	2.09	2.16	2.04	2.10	2.92	ppb
Barium	135-1	18.37	19.95	19.70	19.34	4.39	ppb
Barium	137-1	18.99	19.42	19.53	19.31	1.45	ppb
Beryllium	9-1	1.87	2.12	2.01	2.00	6.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	45.41	50.48	51.46	49.12	6.61	ppb
Boron	11-1	49.39	53.43	54.58	52.47	5.20	ppb
Cadmium	111-1	1.84	1.93	1.99	1.92	3.99	ppb
Cadmium	106-1	0.00	0.63	0.97	0.53	92.86	ppb
Cadmium	108-1	2.19	2.24	1.94	2.12	7.57	ppb
Calcium	43-1	949.83	902.66	986.51	946.33	4.44	ppb
Calcium	44-1	931.16	930.37	951.14	937.56	1.26	ppb
Chromium	52-2	3.93	3.81	4.07	3.94	3.39	ppb
Cobalt	59-2	1.95	2.07	1.93	1.99	3.88	ppb
Copper	63-2	4.09	4.32	4.24	4.22	2.74	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	385.24	383.78	385.78	384.93	0.27	ppb
Iron	57-2	391.67	357.70	368.75	372.71	4.65	ppb
Lead	206-1	2.26	2.35	2.34	2.32	2.09	ppb
Lead	207-1	2.36	2.21	2.42	2.33	4.80	ppb
Lead	208-1	2.28	2.24	2.36	2.29	2.74	ppb
Lithium	6-1						%
Magnesium	24-2	938.88	935.41	909.68	927.99	1.72	ppb
Manganese	55-2	1.94	2.29	2.33	2.19	9.76	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102198BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:30:19	DataFile Name :	024LCSE_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.12	4.21	4.23	4.19	1.40	ppb
Molybdenum	95-1	9.03	9.25	9.53	9.27	2.69	ppb
Molybdenum	96-1	7.81	7.87	8.14	7.94	2.19	ppb
Molybdenum	97-1	9.21	9.22	8.93	9.12	1.79	ppb
Molybdenum	98-1	9.28	9.33	9.31	9.31	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.26	2.00	1.97	2.08	7.65	ppb
Phosphorus	31-2	42.68	59.19	8.51	36.79	70.26	ppb
Potassium	39-2	960.31	959.88	954.25	958.15	0.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.50	2.61	6.67	5.26	43.62	ppb
Selenium	78-2	10.02	10.09	12.15	10.75	11.23	ppb
Selenium	82-1	9.86	11.07	9.82	10.25	6.94	ppb
Silicon	28-1	10.85	11.00	14.67	12.17	17.79	ppb
Silver	109-1	2.07	2.08	2.16	2.10	2.41	ppb
Silver	107-1	2.03	2.05	2.06	2.05	0.75	ppb
Sodium	23-2	993.83	967.52	980.49	980.61	1.34	ppb
Strontium	86-1	1.97	1.91	1.96	1.94	1.62	ppb
Strontium	88-1	1.99	1.99	2.02	2.00	0.85	ppb
Sulfur	34-1	-711.42	-710.82	-333.20	-585.14		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.94	1.96	1.90	1.93	1.67	ppb
Thallium	205-1	1.90	1.93	2.04	1.95	3.82	ppb
Tin	118-1	9.44	9.82	10.00	9.76	2.93	ppb
Titanium	47-1	9.09	8.77	9.72	9.19	5.25	ppb
Uranium	238-1	1.84	1.83	1.88	1.85	1.44	ppb
Vanadium	51-2	9.89	9.38	9.36	9.55	3.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.48	4.38	4.31	4.39	1.94	ppb
Zirconium	90-1	1.90	1.96	1.94	1.94	1.54	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102198BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:30:19	DataFile Name :	024LCSE_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.98	1.81	1.91	1.90	4.71	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102199BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:33:28	DataFile Name :	025CCBE_P8091217- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	-2.46	-1.16	-1.15		ppb
Antimony	121-1	0.02	0.03	0.03	0.03	31.04	ppb
Arsenic	75-2	0.00	-0.05	-0.07	-0.04		ppb
Barium	135-1	-0.05	-0.05	-0.03	-0.04		ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.03	-0.02	-0.01	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.81	7.25	7.37	6.81	12.73	ppb
Boron	11-1	7.07	7.53	7.55	7.38	3.68	ppb
Cadmium	111-1	-0.18	-0.16	-0.13	-0.16		ppb
Cadmium	106-1	-2.53	-2.30	-1.74	-2.19		ppb
Cadmium	108-1	-0.01	-0.01	0.09	0.03	209.34	ppb
Calcium	43-1	-9.14	-23.22	-23.73	-18.70		ppb
Calcium	44-1	0.87	-2.71	2.22	0.13	2037.54	ppb
Chromium	52-2	-0.01	-0.06	-0.03	-0.03		ppb
Cobalt	59-2	-0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.09	0.04	0.08	0.07	32.52	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	0.58	0.67	0.35	0.53	30.33	ppb
Iron	57-2	2.97	-0.39	0.25	0.95	188.86	ppb
Lead	206-1	0.08	0.06	0.04	0.06	33.23	ppb
Lead	207-1	0.03	0.05	0.04	0.04	19.52	ppb
Lead	208-1	0.06	0.05	0.05	0.05	4.58	ppb
Lithium	6-1						%
Magnesium	24-2	4.53	7.48	-0.30	3.90	100.61	ppb
Manganese	55-2	-0.07	-0.19	-0.13	-0.13		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102199BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:33:28	DataFile Name :	025CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	-0.01	0.00	361.19	ppb
Molybdenum	95-1	-0.02	-0.02	-0.03	-0.02		ppb
Molybdenum	96-1	-0.01	0.00	-0.02	-0.01		ppb
Molybdenum	97-1	0.03	0.00	-0.02	0.00	583.59	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	780.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.01	-0.05	-0.05		ppb
Phosphorus	31-2	28.05	-8.47	9.50	9.69	188.45	ppb
Potassium	39-2	23.47	19.33	25.51	22.77	13.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	-1.31	-1.31	-1.31		ppb
Selenium	78-2	-0.38	-0.37	0.27	-0.16		ppb
Selenium	82-1	0.49	1.01	1.25	0.92	42.59	ppb
Silicon	28-1	-17.57	-18.65	-13.51	-16.58		ppb
Silver	109-1	0.02	0.03	0.04	0.03	27.66	ppb
Silver	107-1	0.04	0.02	0.03	0.03	34.88	ppb
Sodium	23-2	37.76	32.09	34.93	34.93	8.11	ppb
Strontium	86-1	-0.01	-0.03	-0.05	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-965.08	-679.82	-416.38	-687.09		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.02	0.02	43.35	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	19.99	ppb
Tin	118-1	0.06	0.09	0.06	0.07	27.00	ppb
Titanium	47-1	0.08	0.04	-0.01	0.04	107.69	ppb
Uranium	238-1	-0.02	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.02	-0.01	0.01	237.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.02	0.08	0.11	0.07	62.60	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102199BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:33:28	DataFile Name :	025CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.00	0.00	207.83	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102199BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:36:38	DataFile Name :	026LCSE_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.62	27.53	41.23	34.46	19.89	ppb
Antimony	121-1	3.83	3.89	3.81	3.84	1.09	ppb
Arsenic	75-2	1.72	2.49	1.68	1.96	23.36	ppb
Barium	135-1	19.01	18.39	18.53	18.64	1.74	ppb
Barium	137-1	18.67	18.66	18.64	18.66	0.10	ppb
Beryllium	9-1	1.90	1.83	1.85	1.86	2.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	43.52	46.71	47.09	45.77	4.29	ppb
Boron	11-1	46.22	48.53	50.82	48.52	4.74	ppb
Cadmium	111-1	1.81	1.79	1.93	1.84	4.24	ppb
Cadmium	106-1	0.05	0.40	0.43	0.30	70.90	ppb
Cadmium	108-1	2.13	2.27	2.05	2.15	5.34	ppb
Calcium	43-1	903.44	908.72	943.51	918.56	2.37	ppb
Calcium	44-1	904.90	891.64	897.13	897.89	0.74	ppb
Chromium	52-2	3.90	4.50	3.84	4.08	8.95	ppb
Cobalt	59-2	1.89	2.14	1.89	1.97	7.29	ppb
Copper	63-2	4.09	4.71	4.11	4.30	8.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	367.30	430.40	374.19	390.63	8.86	ppb
Iron	57-2	356.44	436.25	368.71	387.13	11.10	ppb
Lead	206-1	2.20	2.14	2.23	2.19	2.13	ppb
Lead	207-1	2.14	2.09	2.19	2.14	2.44	ppb
Lead	208-1	2.16	2.10	2.20	2.15	2.36	ppb
Lithium	6-1						%
Magnesium	24-2	895.54	1072.76	918.51	962.27	10.02	ppb
Manganese	55-2	1.85	1.80	1.93	1.86	3.27	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102199BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:36:38	DataFile Name :	026LCSE_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.88	3.92	3.97	3.93	1.14	ppb
Molybdenum	95-1	8.74	8.77	9.05	8.85	1.91	ppb
Molybdenum	96-1	7.67	7.41	7.55	7.54	1.77	ppb
Molybdenum	97-1	8.91	8.76	8.67	8.78	1.36	ppb
Molybdenum	98-1	8.92	8.93	8.91	8.92	0.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.92	2.30	2.04	2.09	9.29	ppb
Phosphorus	31-2	-8.47	48.28	8.36	16.06	181.55	ppb
Potassium	39-2	930.04	1100.96	973.89	1001.63	8.86	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	6.34	3.01	18.18	9.17	86.91	ppb
Selenium	78-2	4.98	9.85	7.55	7.46	32.66	ppb
Selenium	82-1	10.31	9.62	9.19	9.71	5.82	ppb
Silicon	28-1	6.76	2.10	4.13	4.33	54.01	ppb
Silver	109-1	2.06	1.96	2.04	2.02	2.55	ppb
Silver	107-1	1.89	1.95	2.08	1.97	4.81	ppb
Sodium	23-2	943.91	1077.72	960.28	993.97	7.34	ppb
Strontium	86-1	2.03	1.80	1.85	1.89	6.42	ppb
Strontium	88-1	1.92	1.89	1.92	1.91	0.94	ppb
Sulfur	34-1	-794.52	-1177.45	-980.19	-984.05		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.77	1.84	2.06	1.89	8.04	ppb
Thallium	205-1	1.89	1.88	1.85	1.87	0.97	ppb
Tin	118-1	9.50	9.34	9.57	9.47	1.26	ppb
Titanium	47-1	9.34	9.30	8.86	9.17	2.90	ppb
Uranium	238-1	1.77	1.72	1.81	1.77	2.50	ppb
Vanadium	51-2	9.34	10.71	9.39	9.81	7.90	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.18	4.55	3.95	4.23	7.14	ppb
Zirconium	90-1	1.73	1.75	1.79	1.76	1.71	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102199BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:36:38	DataFile Name :	026LCSE_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.80	1.70	1.80	1.76	3.39	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5192-05 Instrumnet Name : P8
 Client Sample ID : MBDD16 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 14:35:28 DataFile Name : 027SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	278.20	265.42	298.82	280.81	6.00	ppb
Antimony	121-1	0.03	0.05	0.04	0.04	19.20	ppb
Arsenic	75-2	0.49	0.59	0.70	0.59	17.65	ppb
Barium	135-1	90.28	92.09	90.33	90.90	1.14	ppb
Barium	137-1	91.05	92.87	91.07	91.66	1.14	ppb
Beryllium	9-1	-0.04	-0.02	0.00	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	29.32	32.80	34.93	32.35	8.75	ppb
Boron	11-1	32.81	34.32	34.42	33.85	2.67	ppb
Cadmium	111-1	0.00	-0.07	-0.06	-0.04		ppb
Cadmium	106-1	-1.30	-1.79	-1.96	-1.69		ppb
Cadmium	108-1	0.22	0.08	0.36	0.22	64.44	ppb
Calcium	43-1	23675.63	24193.60	24286.70	24051.98	1.37	ppb
Calcium	44-1	23541.01	24097.32	24560.71	24066.34	2.12	ppb
Chromium	52-2	1.73	1.58	1.97	1.76	11.34	ppb
Cobalt	59-2	0.49	0.48	0.52	0.50	3.76	ppb
Copper	63-2	0.23	0.27	0.21	0.24	12.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	403.27	396.61	433.08	410.99	4.73	ppb
Iron	57-2	401.24	404.82	424.35	410.14	3.03	ppb
Lead	206-1	0.12	0.20	0.19	0.17	24.22	ppb
Lead	207-1	0.14	0.16	0.17	0.16	9.13	ppb
Lead	208-1	0.14	0.16	0.16	0.15	9.75	ppb
Lithium	6-1						%
Magnesium	24-2	8270.13	8212.34	8902.21	8461.56	4.52	ppb
Manganese	55-2	78.94	76.68	84.02	79.88	4.70	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:35:28	DataFile Name :	027SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.36	0.31	0.38	0.35	9.18	ppb
Molybdenum	95-1	0.93	0.95	0.86	0.91	5.45	ppb
Molybdenum	96-1	0.77	0.73	0.76	0.75	2.92	ppb
Molybdenum	97-1	0.90	0.93	0.96	0.93	3.24	ppb
Molybdenum	98-1	0.89	0.88	0.94	0.91	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.31	1.25	1.38	1.31	5.31	ppb
Phosphorus	31-2	70.39	102.29	59.52	77.40	28.72	ppb
Potassium	39-2	5467.47	5519.88	5941.79	5643.05	4.61	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	-1.31	-1.31	-1.31		ppb
Selenium	78-2	-1.04	0.12	0.20	-0.24		ppb
Selenium	82-1	1.25	1.26	1.09	1.20	8.00	ppb
Silicon	28-1	6407.51	6483.66	6607.09	6499.42	1.55	ppb
Silver	109-1	0.00	0.01	0.00	0.00	132.61	ppb
Silver	107-1	0.01	0.01	0.01	0.01	25.95	ppb
Sodium	23-2	39427.11	39077.17	42074.86	40193.05	4.08	ppb
Strontium	86-1	261.66	259.90	264.21	261.92	0.83	ppb
Strontium	88-1	263.51	264.87	269.71	266.03	1.22	ppb
Sulfur	34-1	7429.00	7530.83	7884.61	7614.82	3.14	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.07	0.07	0.07	8.21	ppb
Thallium	205-1	0.05	0.08	0.06	0.06	17.10	ppb
Tin	118-1	-0.04	-0.01	-0.02	-0.02		ppb
Titanium	47-1	1.27	2.40	1.12	1.60	43.78	ppb
Uranium	238-1	0.32	0.36	0.35	0.34	6.36	ppb
Vanadium	51-2	3.53	3.65	3.81	3.66	3.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	45.11	45.29	49.32	46.57	5.11	ppb
Zirconium	90-1	0.09	0.10	0.11	0.10	8.71	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:35:28	DataFile Name :	027SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.05	0.12	0.09	43.80	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:38:36	DataFile Name :	028SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.30	65.70	68.18	63.72	8.95	ppb
Antimony	121-1	0.05	0.05	0.04	0.05	11.57	ppb
Arsenic	75-2	0.56	0.55	0.51	0.54	4.99	ppb
Barium	135-1	93.62	90.12	89.61	91.11	2.39	ppb
Barium	137-1	93.62	90.15	88.99	90.92	2.65	ppb
Beryllium	9-1	-0.06	-0.03	-0.02	-0.04		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	35.13	32.55	32.35	33.35	4.65	ppb
Boron	11-1	34.92	34.55	35.29	34.92	1.06	ppb
Cadmium	111-1	0.02	-0.03	-0.02	-0.01		ppb
Cadmium	106-1	-0.81	-1.70	-1.61	-1.37		ppb
Cadmium	108-1	0.22	0.24	0.29	0.25	15.43	ppb
Calcium	43-1	24677.91	24137.44	23761.29	24192.21	1.90	ppb
Calcium	44-1	24658.53	24127.37	23417.12	24067.67	2.59	ppb
Chromium	52-2	1.42	1.44	1.20	1.35	9.90	ppb
Cobalt	59-2	0.45	0.48	0.45	0.46	3.55	ppb
Copper	63-2	6.22	6.11	5.84	6.06	3.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	392.64	388.18	376.65	385.82	2.14	ppb
Iron	57-2	390.61	387.01	368.86	382.16	3.05	ppb
Lead	206-1	1.39	1.32	1.28	1.33	4.13	ppb
Lead	207-1	1.27	1.24	1.17	1.23	4.06	ppb
Lead	208-1	1.32	1.28	1.25	1.28	2.53	ppb
Lithium	6-1						%
Magnesium	24-2	8595.92	8551.38	8198.06	8448.45	2.58	ppb
Manganese	55-2	77.36	77.70	74.38	76.48	2.39	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:38:36	DataFile Name :	028SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.26	0.29	0.25	0.27	7.03	ppb
Molybdenum	95-1	0.89	0.90	0.90	0.90	0.84	ppb
Molybdenum	96-1	0.74	0.77	0.77	0.76	2.29	ppb
Molybdenum	97-1	0.88	1.00	0.84	0.91	9.34	ppb
Molybdenum	98-1	0.87	0.97	0.86	0.90	6.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.56	13.91	13.91	14.13	2.65	ppb
Phosphorus	31-2	55.32	24.15	7.33	28.94	84.15	ppb
Potassium	39-2	5586.91	5551.47	5262.46	5466.94	3.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	-1.31	2.30	-0.11		ppb
Selenium	78-2	-0.46	1.94	-0.47	0.34	411.01	ppb
Selenium	82-1	0.68	0.82	0.55	0.69	19.82	ppb
Silicon	28-1	6475.53	6376.91	6256.21	6369.55	1.72	ppb
Silver	109-1	0.01	0.00	0.02	0.01	81.88	ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.87	ppb
Sodium	23-2	40555.77	40483.98	38955.22	39998.32	2.26	ppb
Strontium	86-1	267.36	260.02	257.21	261.53	2.00	ppb
Strontium	88-1	270.90	265.24	260.82	265.65	1.90	ppb
Sulfur	34-1	7296.96	6859.70	6719.56	6958.74	4.33	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.05	0.07	0.06	19.36	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	3.86	ppb
Tin	118-1	-0.06	-0.06	-0.05	-0.05		ppb
Titanium	47-1	0.18	0.29	0.14	0.20	39.34	ppb
Uranium	238-1	0.31	0.28	0.29	0.30	4.53	ppb
Vanadium	51-2	3.54	3.61	3.27	3.48	5.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	179.84	182.53	171.92	178.10	3.09	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:38:36	DataFile Name :	028SMPL_P8091217- M8

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

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05RE	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:42:09	DataFile Name :	029SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58.24	62.36	56.13	58.91	5.38	ppb
Antimony	121-1	0.14	0.13	0.13	0.14	4.71	ppb
Arsenic	75-2	0.68	0.53	0.51	0.57	15.98	ppb
Barium	135-1	96.37	92.87	94.61	94.61	1.85	ppb
Barium	137-1	96.89	93.85	93.13	94.62	2.11	ppb
Beryllium	9-1	-0.04	-0.04	-0.05	-0.05		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	36.57	35.20	36.23	36.00	1.99	ppb
Boron	11-1	34.57	36.17	37.47	36.07	4.03	ppb
Cadmium	111-1	-0.04	-0.07	-0.05	-0.05		ppb
Cadmium	106-1	-2.02	-2.59	-2.30	-2.30		ppb
Cadmium	108-1	0.29	0.29	0.26	0.28	6.06	ppb
Calcium	43-1	25119.48	25233.57	25142.23	25165.09	0.24	ppb
Calcium	44-1	24875.09	24929.24	24811.41	24871.91	0.24	ppb
Chromium	52-2	1.53	1.46	1.51	1.50	2.40	ppb
Cobalt	59-2	0.49	0.44	0.51	0.48	7.72	ppb
Copper	63-2	6.54	7.10	6.92	6.85	4.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	444.62	446.47	457.22	449.44	1.51	ppb
Iron	57-2	434.98	415.64	440.05	430.22	2.99	ppb
Lead	206-1	1.42	1.40	1.46	1.43	2.18	ppb
Lead	207-1	1.27	1.27	1.38	1.31	4.75	ppb
Lead	208-1	1.35	1.31	1.37	1.34	2.05	ppb
Lithium	6-1						%
Magnesium	24-2	8603.71	8612.36	8741.21	8652.42	0.89	ppb
Manganese	55-2	78.34	80.04	80.31	79.56	1.35	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05RE	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:42:09	DataFile Name :	029SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.34	0.33	0.34	2.55	ppb
Molybdenum	95-1	0.97	0.94	0.88	0.93	4.93	ppb
Molybdenum	96-1	0.82	0.78	0.70	0.77	7.87	ppb
Molybdenum	97-1	0.97	0.82	0.93	0.91	8.22	ppb
Molybdenum	98-1	0.96	0.96	0.93	0.95	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.99	14.72	15.08	14.60	3.81	ppb
Phosphorus	31-2	21.62	37.27	-8.47	16.81	138.35	ppb
Potassium	39-2	5614.07	5685.97	5840.67	5713.57	2.03	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	2.26	9.51	3.49	158.16	ppb
Selenium	78-2	0.08	0.66	-0.47	0.09	636.76	ppb
Selenium	82-1	0.51	1.41	0.96	0.96	46.86	ppb
Silicon	28-1	6450.97	6441.46	6492.51	6461.65	0.42	ppb
Silver	109-1	0.20	0.19	0.21	0.20	5.02	ppb
Silver	107-1	0.19	0.17	0.20	0.19	8.12	ppb
Sodium	23-2	40901.58	41153.11	41692.20	41248.97	0.98	ppb
Strontium	86-1	270.71	271.76	264.56	269.01	1.45	ppb
Strontium	88-1	276.21	275.20	269.30	273.57	1.36	ppb
Sulfur	34-1	6215.77	6328.00	6393.14	6312.30	1.42	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.08	0.09	0.08	5.75	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	6.01	ppb
Tin	118-1	0.07	0.02	0.01	0.04	84.08	ppb
Titanium	47-1	0.29	0.25	0.21	0.25	14.94	ppb
Uranium	238-1	0.31	0.30	0.27	0.29	6.08	ppb
Vanadium	51-2	3.67	3.72	3.65	3.68	1.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	272.83	272.36	279.64	274.94	1.48	ppb
Zirconium	90-1	0.03	0.04	0.05	0.04	19.32	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05RE	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:42:09	DataFile Name :	029SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.05	0.04	17.69	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05RE	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:45:16	DataFile Name :	030SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9633.32	10750.56	9707.57	10030.48	6.23	ppb
Antimony	121-1	498.64	501.73	503.55	501.31	0.49	ppb
Arsenic	75-2	492.11	532.96	485.09	503.39	5.14	ppb
Barium	135-1	2513.23	2505.98	2485.64	2501.61	0.57	ppb
Barium	137-1	2473.31	2487.10	2499.55	2486.65	0.53	ppb
Beryllium	9-1	494.05	496.29	495.45	495.26	0.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	466.55	476.23	487.37	476.72	2.19	ppb
Boron	11-1	460.38	469.21	480.73	470.10	2.17	ppb
Cadmium	111-1	498.60	495.57	502.50	498.89	0.70	ppb
Cadmium	106-1	501.17	499.95	506.66	502.60	0.71	ppb
Cadmium	108-1	507.72	501.07	507.57	505.45	0.75	ppb
Calcium	43-1	48099.62	48817.14	48667.04	48527.93	0.78	ppb
Calcium	44-1	48178.22	48336.70	48497.90	48337.61	0.33	ppb
Chromium	52-2	492.77	554.08	507.77	518.21	6.17	ppb
Cobalt	59-2	487.81	545.23	502.99	512.01	5.81	ppb
Copper	63-2	991.49	1106.80	1016.81	1038.37	5.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24883.23	27709.14	25363.86	25985.41	5.82	ppb
Iron	57-2	24583.51	27567.02	25202.21	25784.24	6.11	ppb
Lead	206-1	497.37	491.95	497.05	495.45	0.61	ppb
Lead	207-1	492.33	490.33	491.28	491.31	0.20	ppb
Lead	208-1	492.49	494.59	492.03	493.04	0.28	ppb
Lithium	6-1						%
Magnesium	24-2	49663.04	55816.85	50727.58	52069.16	6.32	ppb
Manganese	55-2	995.19	1112.86	1028.81	1045.62	5.80	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05RE	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:45:16	DataFile Name :	030SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	481.03	485.41	488.23	484.89	0.75	ppb
Molybdenum	95-1	482.24	493.83	490.44	488.84	1.22	ppb
Molybdenum	96-1	486.23	487.47	491.42	488.37	0.56	ppb
Molybdenum	97-1	471.00	479.36	480.50	476.95	1.09	ppb
Molybdenum	98-1	484.24	486.02	488.84	486.37	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.41	556.70	505.15	519.09	6.35	ppb
Phosphorus	31-2	9974.71	11721.39	10501.37	10732.49	8.35	ppb
Potassium	39-2	24498.08	27272.90	24836.32	25535.77	5.93	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	511.23	512.00	517.10	513.44	0.62	ppb
Selenium	78-2	490.25	557.34	506.27	517.95	6.77	ppb
Selenium	82-1	490.11	495.75	496.58	494.15	0.71	ppb
Silicon	28-1	480.77	486.05	494.53	487.12	1.43	ppb
Silver	109-1	506.79	499.79	509.38	505.32	0.98	ppb
Silver	107-1	503.31	506.41	507.27	505.66	0.41	ppb
Sodium	23-2	49303.02	54986.63	49704.87	51331.50	6.18	ppb
Strontium	86-1	474.07	479.91	479.04	477.67	0.66	ppb
Strontium	88-1	478.46	483.21	485.62	482.43	0.75	ppb
Sulfur	34-1	9128.67	9032.43	9208.68	9123.26	0.97	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	496.52	501.56	499.68	499.25	0.51	ppb
Thallium	205-1	489.83	488.18	491.79	489.94	0.37	ppb
Tin	118-1	503.09	502.83	500.85	502.26	0.24	ppb
Titanium	47-1	484.83	490.70	489.04	488.19	0.62	ppb
Uranium	238-1	475.43	479.14	474.76	476.44	0.50	ppb
Vanadium	51-2	490.61	548.91	503.93	514.48	5.94	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1007.79	1126.82	1023.16	1052.59	6.15	ppb
Zirconium	90-1	475.59	481.17	480.54	479.10	0.64	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05RE	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:45:16	DataFile Name :	030SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	479.60	486.93	480.30	482.28	0.84	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05RE2	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:48:28	DataFile Name :	031SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	265.23	274.10	267.07	268.80	1.74	ppb
Antimony	121-1	0.39	0.35	0.37	0.37	5.28	ppb
Arsenic	75-2	0.64	0.79	0.66	0.70	11.97	ppb
Barium	135-1	94.24	96.51	96.42	95.72	1.35	ppb
Barium	137-1	93.53	95.35	97.27	95.38	1.96	ppb
Beryllium	9-1	0.09	0.06	0.05	0.07	25.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	46.43	45.12	45.64	45.73	1.43	ppb
Boron	11-1	46.54	45.48	45.16	45.73	1.58	ppb
Cadmium	111-1	0.01	0.01	-0.06	-0.01		ppb
Cadmium	106-1	-1.32	-1.47	-3.06	-1.95		ppb
Cadmium	108-1	0.39	0.25	0.23	0.29	30.88	ppb
Calcium	43-1	25098.48	24971.40	25354.09	25141.32	0.78	ppb
Calcium	44-1	25305.05	25018.44	25119.16	25147.55	0.58	ppb
Chromium	52-2	2.03	1.89	1.94	1.95	3.69	ppb
Cobalt	59-2	0.52	0.50	0.51	0.51	1.70	ppb
Copper	63-2	0.82	0.83	0.92	0.86	6.57	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	488.11	485.06	489.80	487.66	0.49	ppb
Iron	57-2	499.29	489.44	502.22	496.98	1.35	ppb
Lead	206-1	0.14	0.11	0.12	0.12	12.74	ppb
Lead	207-1	0.11	0.09	0.06	0.09	25.72	ppb
Lead	208-1	0.11	0.11	0.10	0.11	9.29	ppb
Lithium	6-1						%
Magnesium	24-2	8722.32	8702.24	8643.34	8689.30	0.47	ppb
Manganese	55-2	80.53	80.43	81.52	80.83	0.75	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05RE2	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:48:28	DataFile Name :	031SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.47	0.44	0.47	0.46	3.92	ppb
Molybdenum	95-1	1.00	1.01	0.97	0.99	1.90	ppb
Molybdenum	96-1	0.87	0.88	0.84	0.86	2.32	ppb
Molybdenum	97-1	0.97	1.00	1.04	1.00	3.41	ppb
Molybdenum	98-1	1.03	1.03	0.96	1.01	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.57	1.62	1.46	1.55	5.22	ppb
Phosphorus	31-2	56.14	7.65	23.92	29.24	84.41	ppb
Potassium	39-2	5851.92	5771.35	5740.14	5787.80	1.00	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	2.43	-1.31	-0.07		ppb
Selenium	78-2	0.71	0.73	1.32	0.92	37.36	ppb
Selenium	82-1	0.63	1.03	0.62	0.76	30.42	ppb
Silicon	28-1	6550.94	6505.39	6569.64	6541.99	0.51	ppb
Silver	109-1	0.25	0.24	0.25	0.25	3.05	ppb
Silver	107-1	0.23	0.23	0.25	0.24	4.09	ppb
Sodium	23-2	41241.05	41102.20	41301.88	41215.05	0.25	ppb
Strontium	86-1	275.04	272.98	272.60	273.54	0.48	ppb
Strontium	88-1	280.34	278.40	276.27	278.34	0.73	ppb
Sulfur	34-1	6797.00	6487.47	6609.40	6631.29	2.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.18	0.16	0.15	0.16	10.52	ppb
Thallium	205-1	0.18	0.17	0.12	0.16	19.15	ppb
Tin	118-1	0.24	0.22	0.18	0.22	15.39	ppb
Titanium	47-1	1.35	2.86	1.80	2.00	38.63	ppb
Uranium	238-1	0.40	0.38	0.34	0.37	7.17	ppb
Vanadium	51-2	3.90	3.91	3.69	3.83	3.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	124.54	127.65	123.89	125.36	1.60	ppb
Zirconium	90-1	0.25	0.17	0.18	0.20	22.43	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05RE2	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:48:28	DataFile Name :	031SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.16	0.20	0.21	25.59	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5193-05RE2 Instrumnet Name : P8
 Client Sample ID : MBDD15 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 14:51:37 DataFile Name : 032SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77.47	73.41	67.20	72.69	7.11	ppb
Antimony	121-1	0.26	0.24	0.26	0.25	4.94	ppb
Arsenic	75-2	0.48	0.65	0.63	0.59	15.70	ppb
Barium	135-1	101.44	94.31	94.65	96.80	4.16	ppb
Barium	137-1	102.60	95.30	94.69	97.53	4.51	ppb
Beryllium	9-1	-0.01	-0.01	0.01	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	39.79	37.56	42.93	40.09	6.72	ppb
Boron	11-1	41.66	38.97	39.80	40.14	3.43	ppb
Cadmium	111-1	0.02	0.02	-0.01	0.01	198.20	ppb
Cadmium	106-1	-1.80	-1.36	-2.23	-1.79		ppb
Cadmium	108-1	0.22	0.34	0.18	0.25	33.07	ppb
Calcium	43-1	26997.23	24625.47	24747.18	25456.63	5.25	ppb
Calcium	44-1	26941.86	24467.66	24859.26	25422.93	5.23	ppb
Chromium	52-2	1.43	1.54	1.51	1.49	3.58	ppb
Cobalt	59-2	0.54	0.52	0.52	0.53	1.47	ppb
Copper	63-2	7.14	6.66	7.07	6.96	3.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	455.14	446.38	453.27	451.60	1.02	ppb
Iron	57-2	450.10	441.33	457.56	449.66	1.81	ppb
Lead	206-1	1.36	1.32	1.30	1.33	2.06	ppb
Lead	207-1	1.30	1.26	1.26	1.28	1.87	ppb
Lead	208-1	1.36	1.31	1.29	1.32	2.55	ppb
Lithium	6-1						%
Magnesium	24-2	8553.53	8520.27	8690.53	8588.11	1.05	ppb
Manganese	55-2	79.78	77.14	81.05	79.32	2.51	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05RE2	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:51:37	DataFile Name :	032SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.39	0.34	0.33	0.35	8.02	ppb
Molybdenum	95-1	0.99	0.99	0.96	0.98	1.68	ppb
Molybdenum	96-1	0.89	0.77	0.86	0.84	6.96	ppb
Molybdenum	97-1	0.99	1.00	1.04	1.01	2.66	ppb
Molybdenum	98-1	0.96	0.92	0.91	0.93	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.50	14.29	14.80	14.53	1.75	ppb
Phosphorus	31-2	6.93	37.31	22.72	22.32	68.08	ppb
Potassium	39-2	5774.28	5597.37	5744.56	5705.40	1.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.23	-1.31	2.29	1.07	193.19	ppb
Selenium	78-2	1.75	0.11	-0.47	0.46	248.73	ppb
Selenium	82-1	0.90	0.79	0.73	0.81	10.67	ppb
Silicon	28-1	6831.25	6250.46	6314.68	6465.46	4.92	ppb
Silver	109-1	0.21	0.21	0.21	0.21	0.51	ppb
Silver	107-1	0.22	0.20	0.20	0.21	4.77	ppb
Sodium	23-2	41210.97	40424.88	41780.53	41138.79	1.65	ppb
Strontium	86-1	284.43	272.30	269.58	275.44	2.87	ppb
Strontium	88-1	290.61	277.66	276.77	281.68	2.75	ppb
Sulfur	34-1	7085.71	5525.86	5798.31	6136.63	13.58	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.09	0.08	0.08	7.04	ppb
Thallium	205-1	0.09	0.07	0.08	0.08	7.86	ppb
Tin	118-1	0.13	0.06	0.07	0.09	40.82	ppb
Titanium	47-1	0.34	0.23	0.15	0.24	39.28	ppb
Uranium	238-1	0.31	0.29	0.29	0.30	3.62	ppb
Vanadium	51-2	3.53	3.30	3.89	3.57	8.30	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	274.51	273.03	274.22	273.92	0.29	ppb
Zirconium	90-1	0.06	0.06	0.05	0.05	4.07	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05RE2	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:51:37	DataFile Name :	032SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.06	0.04	27.50	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:54:44	DataFile Name :	033CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49277.17	49380.52	48764.60	49140.76	0.67	ppb
Antimony	121-1	499.84	499.69	493.84	497.79	0.69	ppb
Arsenic	75-2	486.20	490.05	493.67	489.98	0.76	ppb
Barium	135-1	2493.12	2489.73	2500.63	2494.49	0.22	ppb
Barium	137-1	2506.48	2488.30	2497.82	2497.53	0.36	ppb
Beryllium	9-1	514.10	510.67	511.36	512.04	0.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	494.12	489.62	510.34	498.03	2.19	ppb
Boron	11-1	494.46	507.38	509.90	503.91	1.64	ppb
Cadmium	111-1	482.50	485.51	484.35	484.12	0.31	ppb
Cadmium	106-1	487.58	493.35	492.01	490.98	0.62	ppb
Cadmium	108-1	487.17	492.41	486.14	488.57	0.69	ppb
Calcium	43-1	240452.19	239275.53	240969.54	240232.42	0.36	ppb
Calcium	44-1	237675.04	238195.68	241155.36	239008.69	0.79	ppb
Chromium	52-2	500.40	510.26	501.87	504.18	1.05	ppb
Cobalt	59-2	490.39	499.43	488.56	492.80	1.18	ppb
Copper	63-2	967.97	978.97	951.30	966.08	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121152.97	122703.21	119833.30	121229.83	1.18	ppb
Iron	57-2	121845.06	123293.19	121317.69	122151.98	0.84	ppb
Lead	206-1	519.69	502.28	514.66	512.21	1.75	ppb
Lead	207-1	515.41	504.71	507.45	509.19	1.09	ppb
Lead	208-1	515.98	503.71	509.18	509.62	1.21	ppb
Lithium	6-1						%
Magnesium	24-2	241661.82	245165.32	242225.27	243017.47	0.77	ppb
Manganese	55-2	1003.06	1016.22	998.03	1005.77	0.93	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:54:44	DataFile Name :	033CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	494.35	497.86	496.70	496.30	0.36	ppb
Molybdenum	95-1	497.36	495.04	500.93	497.78	0.60	ppb
Molybdenum	96-1	491.32	496.56	503.31	497.07	1.21	ppb
Molybdenum	97-1	485.21	479.56	486.99	483.92	0.80	ppb
Molybdenum	98-1	496.14	491.19	499.04	495.46	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.57	498.06	486.28	490.64	1.32	ppb
Phosphorus	31-2	10362.87	10290.63	9966.53	10206.68	2.07	ppb
Potassium	39-2	122553.70	123283.02	120731.57	122189.43	1.08	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	466.15	575.61	527.07	522.94	10.49	ppb
Selenium	78-2	489.01	525.76	514.87	509.88	3.70	ppb
Selenium	82-1	494.49	491.39	493.54	493.14	0.32	ppb
Silicon	28-1	496.02	486.54	491.13	491.23	0.96	ppb
Silver	109-1	490.90	492.11	484.13	489.04	0.88	ppb
Silver	107-1	490.89	491.52	492.42	491.61	0.16	ppb
Sodium	23-2	245032.05	249250.99	242073.58	245452.21	1.47	ppb
Strontium	86-1	496.58	493.45	498.21	496.08	0.49	ppb
Strontium	88-1	499.70	500.69	499.88	500.09	0.11	ppb
Sulfur	34-1	9614.31	9366.99	9489.46	9490.25	1.30	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	530.72	506.27	514.17	517.06	2.41	ppb
Thallium	205-1	518.71	500.01	511.53	510.08	1.85	ppb
Tin	118-1	506.03	502.08	495.31	501.14	1.08	ppb
Titanium	47-1	503.85	491.33	491.84	495.68	1.43	ppb
Uranium	238-1	512.19	503.36	508.87	508.14	0.88	ppb
Vanadium	51-2	502.32	509.62	498.25	503.40	1.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	982.53	990.96	968.36	980.62	1.16	ppb
Zirconium	90-1	495.06	491.12	488.22	491.47	0.70	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:54:44	DataFile Name :	033CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	489.90	494.48	489.21	491.19	0.58	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:57:45	DataFile Name :	034CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	2.65	-1.15	0.55	352.92	ppb
Antimony	121-1	0.44	0.33	0.31	0.36	18.91	ppb
Arsenic	75-2	-0.02	-0.04	-0.02	-0.02		ppb
Barium	135-1	-0.04	-0.04	-0.04	-0.04		ppb
Barium	137-1	-0.01	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.06	0.14	0.24	0.15	59.33	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.41	17.42	14.47	15.77	9.56	ppb
Boron	11-1	16.29	15.72	13.73	15.25	8.80	ppb
Cadmium	111-1	-0.15	-0.11	-0.13	-0.13		ppb
Cadmium	106-1	-2.27	-1.88	-1.87	-2.01		ppb
Cadmium	108-1	0.02	0.03	0.06	0.04	50.36	ppb
Calcium	43-1	-10.04	-2.39	-5.80	-6.08		ppb
Calcium	44-1	-0.67	8.87	4.50	4.24	112.70	ppb
Chromium	52-2	0.05	-0.12	-0.19	-0.09		ppb
Cobalt	59-2	-0.03	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.09	0.11	0.13	0.11	18.32	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	1.32	1.27	0.94	1.18	17.44	ppb
Iron	57-2	-2.36	-0.19	0.30	-0.75		ppb
Lead	206-1	0.05	0.03	0.05	0.04	21.64	ppb
Lead	207-1	0.01	0.04	0.00	0.02	124.88	ppb
Lead	208-1	0.01	0.03	0.01	0.02	70.90	ppb
Lithium	6-1						%
Magnesium	24-2	1.62	-0.14	0.88	0.79	112.48	ppb
Manganese	55-2	-0.10	-0.21	-0.18	-0.17		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:57:45	DataFile Name :	034CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.04	0.06	0.05	20.04	ppb
Molybdenum	95-1	0.05	0.02	0.03	0.03	56.41	ppb
Molybdenum	96-1	0.04	0.05	0.03	0.04	27.57	ppb
Molybdenum	97-1	0.06	0.08	0.03	0.06	41.26	ppb
Molybdenum	98-1	0.03	0.04	0.02	0.03	42.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.13	-0.13	-0.14		ppb
Phosphorus	31-2	-8.47	26.97	64.18	27.56	131.82	ppb
Potassium	39-2	17.88	21.53	21.60	20.34	10.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	-1.31	2.75	0.04	5570.00	ppb
Selenium	78-2	0.27	-0.40	0.24	0.04	992.26	ppb
Selenium	82-1	0.24	-0.11	0.18	0.10	179.56	ppb
Silicon	28-1	-19.23	-5.76	-12.13	-12.37		ppb
Silver	109-1	0.07	0.07	0.07	0.07	1.09	ppb
Silver	107-1	0.07	0.06	0.07	0.07	11.85	ppb
Sodium	23-2	63.42	57.84	58.60	59.96	5.05	ppb
Strontium	86-1	-0.01	-0.01	0.02	0.00		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-995.69	56.71	-84.15	-341.04		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.06	0.06	0.05	11.33	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	8.87	ppb
Tin	118-1	0.22	0.23	0.21	0.22	4.87	ppb
Titanium	47-1	0.05	0.07	0.01	0.04	69.66	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.02	0.01	-0.02	0.00	502.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.27	0.06	0.21	0.18	61.00	ppb
Zirconium	90-1	0.03	0.05	0.06	0.05	27.80	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:57:45	DataFile Name :	034CCBE_P8091217- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.07	0.05	44.37	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102237BL	Instrumnet Name :	P8
Client Sample ID :	PB102237BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:00:54	DataFile Name :	035CCBE_P8091217- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.19	-1.18	-1.11	-1.16		ppb
Antimony	121-1	0.11	0.12	0.12	0.12	5.48	ppb
Arsenic	75-2	0.06	0.03	-0.02	0.02	159.62	ppb
Barium	135-1	-0.04	-0.03	-0.02	-0.03		ppb
Barium	137-1	-0.02	-0.02	0.00	-0.01		ppb
Beryllium	9-1	0.03	0.06	0.07	0.06	37.25	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.50	7.61	8.46	7.86	6.71	ppb
Boron	11-1	7.95	7.13	6.59	7.22	9.46	ppb
Cadmium	111-1	-0.18	-0.14	-0.13	-0.15		ppb
Cadmium	106-1	-2.42	-2.03	-1.72	-2.06		ppb
Cadmium	108-1	-0.03	0.00	0.18	0.05	248.30	ppb
Calcium	43-1	-15.57	-5.10	-5.64	-8.77		ppb
Calcium	44-1	3.23	-3.29	0.13	0.02	13859.85	ppb
Chromium	52-2	-0.06	-0.08	-0.04	-0.06		ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.04	0.08	0.07	0.07	31.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.59	0.15	0.15	0.30	85.89	ppb
Iron	57-2	-0.95	-0.19	0.45	-0.23		ppb
Lead	206-1	0.00	0.02	0.00	0.00	286.91	ppb
Lead	207-1	-0.01	-0.01	0.00	0.00		ppb
Lead	208-1	0.00	0.01	0.00	0.00	406.50	ppb
Lithium	6-1						%
Magnesium	24-2	0.08	0.93	1.15	0.72	78.80	ppb
Manganese	55-2	-0.31	-0.13	-0.13	-0.19		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102237BL	Instrumnet Name :	P8
Client Sample ID :	PB102237BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:00:54	DataFile Name :	035CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.00	0.01	55.74	ppb
Molybdenum	95-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	-0.03	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.13	-0.07	-0.14		ppb
Phosphorus	31-2	9.13	-8.47	-8.47	-2.61		ppb
Potassium	39-2	-3.62	16.27	34.89	15.85	121.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	-1.31	-1.31	-1.31		ppb
Selenium	78-2	-1.04	-0.39	0.98	-0.15		ppb
Selenium	82-1	0.19	0.48	0.70	0.46	56.27	ppb
Silicon	28-1	-15.45	-19.61	-13.70	-16.26		ppb
Silver	109-1	0.04	0.03	0.02	0.03	25.19	ppb
Silver	107-1	0.02	0.03	0.02	0.03	22.49	ppb
Sodium	23-2	32.38	32.95	38.11	34.48	9.15	ppb
Strontium	86-1	-0.08	-0.01	-0.03	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	128.58	ppb
Sulfur	34-1	-662.56	-721.16	-386.38	-590.03		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.00	0.02	81.34	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	18.10	ppb
Tin	118-1	0.06	0.09	0.05	0.07	37.17	ppb
Titanium	47-1	0.02	-0.02	-0.02	-0.01		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.01	0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.08	0.10	0.15	0.06	206.58	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	26.24	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102237BL	Instrumnet Name :	P8
Client Sample ID :	PB102237BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:00:54	DataFile Name :	035CCBE_P8091217- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	19.86	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102237BS	Instrumnet Name :	P8
Client Sample ID :	PB102237BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:04:03	DataFile Name :	036LCS6_P8091217- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9870.03	9539.24	9584.38	9664.55	1.86	ppb
Antimony	121-1	530.20	500.32	499.96	510.16	3.40	ppb
Arsenic	75-2	485.61	487.82	486.60	486.68	0.23	ppb
Barium	135-1	2650.01	2474.76	2500.06	2541.61	3.73	ppb
Barium	137-1	2632.20	2464.15	2454.25	2516.87	3.97	ppb
Beryllium	9-1	527.50	496.43	496.10	506.68	3.56	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	486.54	465.86	478.43	476.94	2.19	ppb
Boron	11-1	491.71	472.22	478.96	480.96	2.06	ppb
Cadmium	111-1	527.71	495.61	495.80	506.38	3.65	ppb
Cadmium	106-1	536.93	498.53	502.36	512.61	4.13	ppb
Cadmium	108-1	534.79	499.33	506.95	513.69	3.63	ppb
Calcium	43-1	51689.60	48969.92	48598.50	49752.67	3.39	ppb
Calcium	44-1	51653.57	48959.87	48418.73	49677.39	3.49	ppb
Chromium	52-2	510.90	496.38	493.88	500.39	1.84	ppb
Cobalt	59-2	507.98	489.58	491.66	496.41	2.03	ppb
Copper	63-2	1033.50	1008.83	995.45	1012.59	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	25483.99	24798.69	24743.05	25008.57	1.65	ppb
Iron	57-2	25551.34	24657.15	24415.56	24874.68	2.41	ppb
Lead	206-1	536.28	501.18	505.69	514.38	3.71	ppb
Lead	207-1	536.41	502.30	502.86	513.86	3.80	ppb
Lead	208-1	532.58	501.09	500.06	511.24	3.62	ppb
Lithium	6-1						%
Magnesium	24-2	51893.06	50545.37	49376.21	50604.88	2.49	ppb
Manganese	55-2	1030.25	988.81	989.34	1002.80	2.37	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102237BS	Instrumnet Name :	P8
Client Sample ID :	PB102237BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:04:03	DataFile Name :	036LCS6_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	528.31	487.41	490.60	502.11	4.53	ppb
Molybdenum	95-1	522.42	485.02	488.37	498.60	4.15	ppb
Molybdenum	96-1	520.35	492.67	487.83	500.28	3.51	ppb
Molybdenum	97-1	509.20	473.35	472.73	485.10	4.30	ppb
Molybdenum	98-1	523.36	487.97	495.97	502.43	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.29	498.42	492.72	501.48	2.12	ppb
Phosphorus	31-2	11114.21	9848.62	10266.83	10409.89	6.19	ppb
Potassium	39-2	25052.87	24419.18	24220.05	24564.03	1.77	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	520.90	501.07	536.52	519.49	3.42	ppb
Selenium	78-2	505.36	518.51	520.19	514.69	1.58	ppb
Selenium	82-1	533.01	496.21	495.50	508.24	4.22	ppb
Silicon	28-1	527.65	499.02	486.69	504.45	4.17	ppb
Silver	109-1	531.61	500.18	508.32	513.37	3.18	ppb
Silver	107-1	536.77	496.64	504.35	512.59	4.16	ppb
Sodium	23-2	51362.95	49605.99	48979.11	49982.68	2.47	ppb
Strontium	86-1	516.12	480.76	481.34	492.74	4.11	ppb
Strontium	88-1	524.16	484.26	488.04	498.82	4.42	ppb
Sulfur	34-1	10624.72	9350.89	9049.46	9675.02	8.64	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	539.94	510.21	506.04	518.73	3.56	ppb
Thallium	205-1	533.83	500.58	495.78	510.06	4.06	ppb
Tin	118-1	523.22	494.15	507.51	508.30	2.86	ppb
Titanium	47-1	517.90	492.16	488.26	499.44	3.22	ppb
Uranium	238-1	510.22	487.41	482.22	493.28	3.02	ppb
Vanadium	51-2	508.74	493.80	491.11	497.88	1.91	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1033.66	996.00	1007.30	1012.32	1.91	ppb
Zirconium	90-1	519.76	483.37	481.70	494.94	4.35	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102237BS	Instrumnet Name :	P8
Client Sample ID :	PB102237BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:04:03	DataFile Name :	036LCS6_P8091217- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	520.05	490.43	482.76	497.75	3.96	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5123-10	Instrumnet Name :	P8
Client Sample ID :	FB-01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:07:04	DataFile Name :	037SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.45	-1.30	3.36	2.17	141.00	ppb
Antimony	121-1	0.26	0.29	0.25	0.27	6.19	ppb
Arsenic	75-2	0.03	0.01	-0.01	0.01	220.76	ppb
Barium	135-1	0.09	0.13	0.12	0.11	16.20	ppb
Barium	137-1	0.09	0.12	0.13	0.11	19.52	ppb
Beryllium	9-1	0.14	0.12	0.04	0.10	56.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.84	13.17	10.89	12.63	12.28	ppb
Boron	11-1	13.48	12.90	12.58	12.99	3.55	ppb
Cadmium	111-1	-0.16	-0.14	-0.10	-0.13		ppb
Cadmium	106-1	-2.39	-2.18	-1.78	-2.11		ppb
Cadmium	108-1	0.02	0.02	-0.01	0.01	137.85	ppb
Calcium	43-1	11.01	16.14	22.51	16.55	34.79	ppb
Calcium	44-1	24.71	22.00	31.94	26.21	19.60	ppb
Chromium	52-2	-0.06	-0.04	-0.04	-0.05		ppb
Cobalt	59-2	-0.02	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.08	0.07	0.08	0.08	9.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3.00	3.13	3.34	3.16	5.51	ppb
Iron	57-2	3.35	4.35	1.09	2.93	56.99	ppb
Lead	206-1	0.06	0.03	0.07	0.05	39.14	ppb
Lead	207-1	0.05	0.07	0.05	0.06	19.81	ppb
Lead	208-1	0.06	0.05	0.06	0.06	2.19	ppb
Lithium	6-1						%
Magnesium	24-2	9.27	8.07	9.94	9.09	10.42	ppb
Manganese	55-2	-0.07	-0.08	-0.06	-0.07		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5123-10	Instrumnet Name :	P8
Client Sample ID :	FB-01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:07:04	DataFile Name :	037SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.03	0.04	0.03	28.36	ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	112.28	ppb
Molybdenum	96-1	0.04	0.02	0.03	0.03	46.46	ppb
Molybdenum	97-1	0.05	0.07	0.04	0.05	25.97	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.03	0.05	0.09	101.31	ppb
Phosphorus	31-2	23.48	7.50	-8.47	7.50	212.95	ppb
Potassium	39-2	3.66	1.79	0.22	1.89	91.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.33	-1.31	-1.31	-0.10		ppb
Selenium	78-2	1.83	1.29	1.29	1.47	21.30	ppb
Selenium	82-1	-0.04	0.16	0.54	0.22	134.87	ppb
Silicon	28-1	-31.13	-29.52	-21.84	-27.50		ppb
Silver	109-1	0.04	0.04	0.06	0.04	25.78	ppb
Silver	107-1	0.04	0.04	0.03	0.03	8.21	ppb
Sodium	23-2	59.82	56.99	60.49	59.10	3.14	ppb
Strontium	86-1	0.17	0.16	0.16	0.16	4.29	ppb
Strontium	88-1	0.18	0.18	0.19	0.18	2.33	ppb
Sulfur	34-1	-2533.00	-2508.09	-1892.50	-2311.20		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.03	0.05	0.05	33.36	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	16.58	ppb
Tin	118-1	0.17	0.13	0.11	0.14	22.23	ppb
Titanium	47-1	0.10	0.15	0.18	0.14	26.26	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.86	5.63	5.24	5.58	5.63	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	9.43	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5123-10	Instrumnet Name :	P8
Client Sample ID :	FB-01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:07:04	DataFile Name :	037SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.01	0.02	0.02	79.07	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-01	Instrumnet Name :	P8
Client Sample ID :	WP021MW357-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:10:12	DataFile Name :	038SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	322.47	306.80	296.27	308.51	4.27	ppb
Antimony	121-1	1.91	1.77	1.73	1.80	5.14	ppb
Arsenic	75-2	1.43	1.25	1.41	1.36	7.12	ppb
Barium	135-1	61.23	60.33	61.70	61.09	1.14	ppb
Barium	137-1	61.47	59.98	61.04	60.83	1.26	ppb
Beryllium	9-1	0.04	0.01	0.05	0.03	56.07	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1072.33	1053.83	1046.20	1057.45	1.27	ppb
Boron	11-1	1086.22	1060.88	1072.05	1073.05	1.18	ppb
Cadmium	111-1	0.14	0.19	0.27	0.20	32.46	ppb
Cadmium	106-1	-2.18	-1.76	-1.64	-1.86		ppb
Cadmium	108-1	0.79	0.49	0.53	0.60	27.64	ppb
Calcium	43-1	792823.43	785319.35	801351.68	793164.82	1.01	ppb
Calcium	44-1	797180.67	796205.21	806455.40	799947.09	0.71	ppb
Chromium	52-2	1.22	1.20	0.99	1.14	11.30	ppb
Cobalt	59-2	21.78	22.44	21.87	22.03	1.62	ppb
Copper	63-2	10.28	10.81	10.55	10.55	2.50	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	8927.09	9125.29	9003.52	9018.63	1.11	ppb
Iron	57-2	8963.91	9124.82	9024.10	9037.61	0.90	ppb
Lead	206-1	1.09	1.03	0.99	1.03	4.88	ppb
Lead	207-1	0.96	0.95	0.88	0.93	4.53	ppb
Lead	208-1	1.03	0.98	0.92	0.98	5.68	ppb
Lithium	6-1						%
Magnesium	24-2	109485.34	113615.56	111294.84	111465.25	1.86	ppb
Manganese	55-2	3013.22	3075.14	3026.72	3038.36	1.07	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-01	Instrumnet Name :	P8
Client Sample ID :	WP021MW357-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:10:12	DataFile Name :	038SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.64	0.65	0.64	0.64	1.23	ppb
Molybdenum	95-1	0.74	0.68	0.73	0.71	4.45	ppb
Molybdenum	96-1	0.70	0.75	0.67	0.71	6.11	ppb
Molybdenum	97-1	0.77	0.71	0.73	0.74	4.52	ppb
Molybdenum	98-1	0.73	0.71	0.67	0.70	4.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.37	37.48	37.14	37.00	1.54	ppb
Phosphorus	31-2	29.92	51.70	32.18	37.93	31.57	ppb
Potassium	39-2	6903.59	7060.75	6884.41	6949.58	1.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.21	-1.31	3.38	1.76	151.45	ppb
Selenium	78-2	0.39	1.97	0.44	0.93	96.51	ppb
Selenium	82-1	7.12	5.82	7.12	6.69	11.26	ppb
Silicon	28-1	8069.63	8085.49	8165.67	8106.93	0.64	ppb
Silver	109-1	0.59	0.53	0.47	0.53	11.41	ppb
Silver	107-1	0.59	0.46	0.48	0.51	13.20	ppb
Sodium	23-2	526072.96	536283.59	529167.18	530507.91	0.99	ppb
Strontium	86-1	5565.85	5660.50	5693.47	5639.94	1.17	ppb
Strontium	88-1	5652.21	5731.76	5763.79	5715.92	1.01	ppb
Sulfur	34-1	338356.05	334061.92	337236.68	336551.55	0.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.13	0.11	0.12	0.12	9.02	ppb
Thallium	205-1	0.15	0.13	0.12	0.13	12.08	ppb
Tin	118-1	3.11	3.10	3.04	3.08	1.23	ppb
Titanium	47-1	10.56	10.72	10.93	10.73	1.75	ppb
Uranium	238-1	11.12	11.48	11.30	11.30	1.61	ppb
Vanadium	51-2	1.49	1.61	1.40	1.50	6.84	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	128.14	128.77	124.07	126.99	2.01	ppb
Zirconium	90-1	0.62	0.59	0.62	0.61	2.33	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-01	Instrumnet Name :	P8
Client Sample ID :	WP021MW357-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:10:12	DataFile Name :	038SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.60	0.61	0.64	0.62	3.66	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-02	Instrumnet Name :	P8
Client Sample ID :	WP021RW350-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:13:21	DataFile Name :	039SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.06	17.01	17.00	19.69	23.61	ppb
Antimony	121-1	1.02	1.03	1.02	1.02	0.25	ppb
Arsenic	75-2	7.51	8.63	7.20	7.78	9.63	ppb
Barium	135-1	156.13	154.65	155.36	155.38	0.47	ppb
Barium	137-1	156.49	155.50	154.43	155.47	0.66	ppb
Beryllium	9-1	0.02	0.02	-0.01	0.01	179.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	268.46	273.26	268.83	270.18	0.99	ppb
Boron	11-1	264.65	265.47	269.06	266.40	0.88	ppb
Cadmium	111-1	-0.20	-0.17	-0.07	-0.15		ppb
Cadmium	106-1	-3.64	-2.98	-1.79	-2.80		ppb
Cadmium	108-1	0.21	0.21	0.27	0.23	14.21	ppb
Calcium	43-1	237983.83	239077.22	240767.28	239276.11	0.59	ppb
Calcium	44-1	237587.35	239147.91	240149.55	238961.60	0.54	ppb
Chromium	52-2	1.92	1.98	1.69	1.86	8.10	ppb
Cobalt	59-2	1.90	1.99	1.82	1.90	4.37	ppb
Copper	63-2	2.45	2.78	2.71	2.64	6.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	8698.70	9423.55	8751.16	8957.80	4.51	ppb
Iron	57-2	8463.42	9239.91	8673.44	8792.26	4.57	ppb
Lead	206-1	0.36	0.34	0.35	0.35	2.99	ppb
Lead	207-1	0.29	0.30	0.27	0.29	6.21	ppb
Lead	208-1	0.32	0.31	0.29	0.31	4.62	ppb
Lithium	6-1						%
Magnesium	24-2	21794.57	23634.65	21854.13	22427.78	4.66	ppb
Manganese	55-2	764.71	835.44	766.28	788.81	5.12	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-02	Instrumnet Name :	P8
Client Sample ID :	WP021RW350-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:13:21	DataFile Name :	039SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.29	0.23	0.28	0.26	12.49	ppb
Molybdenum	95-1	0.29	0.25	0.34	0.30	14.52	ppb
Molybdenum	96-1	0.32	0.35	0.21	0.29	23.81	ppb
Molybdenum	97-1	0.30	0.29	0.28	0.29	4.60	ppb
Molybdenum	98-1	0.32	0.33	0.32	0.32	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.14	7.40	6.48	7.01	6.82	ppb
Phosphorus	31-2	67.92	33.11	107.27	69.43	53.44	ppb
Potassium	39-2	5534.66	5962.58	5485.99	5661.08	4.63	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.14	-1.31	3.29	1.70	153.42	ppb
Selenium	78-2	-0.33	-0.25	2.59	0.67	249.16	ppb
Selenium	82-1	1.82	2.56	1.79	2.05	21.25	ppb
Silicon	28-1	12807.27	12963.08	13214.32	12994.89	1.58	ppb
Silver	109-1	0.27	0.24	0.27	0.26	7.52	ppb
Silver	107-1	0.29	0.25	0.28	0.27	7.84	ppb
Sodium	23-2	96738.60	104261.14	96391.29	99130.34	4.49	ppb
Strontium	86-1	1070.32	1057.90	1055.11	1061.11	0.76	ppb
Strontium	88-1	1056.82	1057.39	1053.19	1055.80	0.22	ppb
Sulfur	34-1	31299.77	31911.64	32382.16	31864.53	1.70	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.01	0.01	17.74	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	30.74	ppb
Tin	118-1	2.23	2.37	2.25	2.28	3.18	ppb
Titanium	47-1	1.20	1.29	1.79	1.43	22.30	ppb
Uranium	238-1	1.26	1.26	1.18	1.23	3.89	ppb
Vanadium	51-2	0.46	0.55	0.41	0.47	15.10	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	21.48	25.04	21.98	22.83	8.44	ppb
Zirconium	90-1	0.26	0.23	0.23	0.24	6.46	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-02	Instrumnet Name :	P8
Client Sample ID :	WP021RW350-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:13:21	DataFile Name :	039SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.23	0.22	0.26	0.24	8.98	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5146-03 Instrumnet Name : P8
 Client Sample ID : WP021MW124-170906 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:16:27 DataFile Name : 040SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	187.03	165.70	186.31	179.68	6.74	ppb
Antimony	121-1	1.01	1.03	1.03	1.02	0.78	ppb
Arsenic	75-2	2.51	2.62	2.60	2.57	2.27	ppb
Barium	135-1	74.89	77.48	75.60	75.99	1.76	ppb
Barium	137-1	74.96	76.81	76.39	76.05	1.28	ppb
Beryllium	9-1	-0.01	-0.01	-0.03	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	208.40	210.99	207.75	209.04	0.82	ppb
Boron	11-1	210.02	209.24	207.84	209.03	0.53	ppb
Cadmium	111-1	-0.12	-0.04	-0.13	-0.10		ppb
Cadmium	106-1	-3.03	-2.23	-2.94	-2.73		ppb
Cadmium	108-1	0.12	0.18	0.12	0.14	25.83	ppb
Calcium	43-1	198818.24	202170.13	199662.90	200217.09	0.87	ppb
Calcium	44-1	197549.97	199299.01	198690.82	198513.27	0.45	ppb
Chromium	52-2	7.25	7.39	7.01	7.22	2.65	ppb
Cobalt	59-2	4.81	4.69	4.60	4.70	2.29	ppb
Copper	63-2	3.50	3.55	3.46	3.50	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3790.01	3750.56	3754.57	3765.05	0.58	ppb
Iron	57-2	3701.72	3697.86	3677.38	3692.32	0.35	ppb
Lead	206-1	0.54	0.55	0.55	0.55	0.18	ppb
Lead	207-1	0.44	0.48	0.49	0.47	6.22	ppb
Lead	208-1	0.49	0.49	0.50	0.49	1.60	ppb
Lithium	6-1						%
Magnesium	24-2	11100.92	11124.66	10847.73	11024.44	1.39	ppb
Manganese	55-2	401.64	398.73	391.79	397.38	1.27	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-03	Instrumnet Name :	P8
Client Sample ID :	WP021MW124-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:16:27	DataFile Name :	040SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.25	0.26	0.28	0.26	6.35	ppb
Molybdenum	95-1	0.04	0.07	0.10	0.07	43.89	ppb
Molybdenum	96-1	0.09	0.11	0.14	0.11	22.36	ppb
Molybdenum	97-1	0.16	0.11	0.07	0.11	40.75	ppb
Molybdenum	98-1	0.10	0.10	0.10	0.10	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.26	9.13	9.10	9.16	0.91	ppb
Phosphorus	31-2	30.50	70.64	10.78	37.31	81.76	ppb
Potassium	39-2	3483.55	3479.86	3428.43	3463.95	0.89	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.28	7.95	-1.31	3.31	140.17	ppb
Selenium	78-2	-0.31	2.61	-0.31	0.66	254.54	ppb
Selenium	82-1	1.82	1.68	1.69	1.73	4.42	ppb
Silicon	28-1	6755.28	6965.64	6792.13	6837.68	1.64	ppb
Silver	109-1	0.24	0.17	0.19	0.20	17.86	ppb
Silver	107-1	0.23	0.22	0.19	0.21	9.00	ppb
Sodium	23-2	67279.16	67148.04	65945.40	66790.87	1.10	ppb
Strontium	86-1	629.16	618.83	626.39	624.79	0.86	ppb
Strontium	88-1	625.69	622.10	630.65	626.15	0.69	ppb
Sulfur	34-1	32480.49	33454.37	32962.04	32965.63	1.48	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	40.43	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	61.44	ppb
Tin	118-1	2.26	2.26	2.32	2.28	1.64	ppb
Titanium	47-1	9.93	8.99	10.39	9.77	7.28	ppb
Uranium	238-1	2.84	2.82	2.79	2.82	0.82	ppb
Vanadium	51-2	1.62	1.60	1.63	1.62	0.90	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.48	13.29	13.21	13.33	1.07	ppb
Zirconium	90-1	0.34	0.36	0.36	0.35	2.38	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-03	Instrumnet Name :	P8
Client Sample ID :	WP021MW124-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:16:27	DataFile Name :	040SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.39	0.33	0.39	0.37	9.53	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW120-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:19:32	DataFile Name :	041SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.13	40.66	34.87	41.89	18.39	ppb
Antimony	121-1	1.00	0.97	0.90	0.96	5.05	ppb
Arsenic	75-2	190.59	187.58	188.71	188.96	0.81	ppb
Barium	135-1	164.38	166.39	165.35	165.37	0.61	ppb
Barium	137-1	164.06	165.64	165.43	165.04	0.52	ppb
Beryllium	9-1	0.02	0.06	0.00	0.03	118.82	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	312.11	318.13	304.77	311.67	2.15	ppb
Boron	11-1	314.59	313.71	309.84	312.72	0.81	ppb
Cadmium	111-1	-0.04	-0.08	-0.05	-0.06		ppb
Cadmium	106-1	-1.78	-2.37	-1.74	-1.96		ppb
Cadmium	108-1	0.18	0.18	0.30	0.22	31.10	ppb
Calcium	43-1	233230.03	232889.38	231415.28	232511.56	0.41	ppb
Calcium	44-1	233355.15	233486.89	230112.46	232318.17	0.82	ppb
Chromium	52-2	1.80	1.86	2.02	1.89	6.04	ppb
Cobalt	59-2	0.71	0.78	0.80	0.77	6.28	ppb
Copper	63-2	2.74	2.76	2.57	2.69	3.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	18125.20	18790.16	18610.82	18508.72	1.86	ppb
Iron	57-2	18112.73	18605.29	18438.26	18385.43	1.36	ppb
Lead	206-1	0.27	0.32	0.30	0.30	9.03	ppb
Lead	207-1	0.27	0.23	0.27	0.26	9.83	ppb
Lead	208-1	0.27	0.29	0.28	0.28	3.16	ppb
Lithium	6-1						%
Magnesium	24-2	35130.58	36254.78	36441.42	35942.26	1.97	ppb
Manganese	55-2	230.41	242.60	244.47	239.16	3.19	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW120-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:19:32	DataFile Name :	041SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.99	1.04	0.93	0.99	5.61	ppb
Molybdenum	95-1	2.35	2.25	2.29	2.29	2.25	ppb
Molybdenum	96-1	2.03	2.04	1.88	1.98	4.44	ppb
Molybdenum	97-1	2.28	2.27	2.27	2.28	0.06	ppb
Molybdenum	98-1	2.23	2.47	2.26	2.32	5.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.25	3.51	3.62	3.46	5.42	ppb
Phosphorus	31-2	145.18	91.28	31.39	89.29	63.75	ppb
Potassium	39-2	3135.74	3267.82	3234.06	3212.54	2.14	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.42	-1.31	-1.31	0.26	1035.95	ppb
Selenium	78-2	-1.04	-0.29	1.23	-0.03		ppb
Selenium	82-1	5.44	6.19	4.67	5.43	13.99	ppb
Silicon	28-1	24152.43	24616.57	23969.56	24246.18	1.38	ppb
Silver	109-1	0.15	0.19	0.16	0.16	13.34	ppb
Silver	107-1	0.16	0.17	0.17	0.16	3.38	ppb
Sodium	23-2	142634.97	148231.58	147826.13	146230.89	2.13	ppb
Strontium	86-1	1232.07	1242.69	1220.35	1231.70	0.91	ppb
Strontium	88-1	1232.83	1237.50	1227.03	1232.45	0.43	ppb
Sulfur	34-1	51666.51	51788.76	51375.00	51610.09	0.41	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.00	1444.11	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	334.70	ppb
Tin	118-1	2.05	2.20	2.20	2.15	3.97	ppb
Titanium	47-1	1.45	1.25	1.46	1.39	8.52	ppb
Uranium	238-1	0.41	0.44	0.44	0.43	3.51	ppb
Vanadium	51-2	0.53	0.57	0.53	0.55	3.88	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	25.18	25.14	27.32	25.88	4.80	ppb
Zirconium	90-1	0.41	0.50	0.44	0.45	10.18	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW120-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:19:32	DataFile Name :	041SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.55	0.43	0.53	0.50	12.96	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5146-06 Instrumnet Name : P8
 Client Sample ID : WP021MW357-170906 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:22:39 DataFile Name : 042SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.40	3.29	6.32	6.67	53.46	ppb
Antimony	121-1	0.96	0.96	0.96	0.96	0.24	ppb
Arsenic	75-2	1.27	1.48	1.20	1.31	11.23	ppb
Barium	135-1	54.66	55.18	54.38	54.74	0.74	ppb
Barium	137-1	55.70	54.63	54.22	54.85	1.39	ppb
Beryllium	9-1	-0.05	-0.04	-0.04	-0.04		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	939.54	913.67	905.97	919.73	1.91	ppb
Boron	11-1	950.56	926.99	909.84	929.13	2.20	ppb
Cadmium	111-1	0.09	0.27	0.15	0.17	54.16	ppb
Cadmium	106-1	-2.83	-0.77	-2.56	-2.06		ppb
Cadmium	108-1	0.57	0.47	0.46	0.50	11.76	ppb
Calcium	43-1	835340.92	820293.41	818898.32	824844.22	1.11	ppb
Calcium	44-1	851030.02	821364.93	826260.58	832885.18	1.91	ppb
Chromium	52-2	0.58	0.54	0.57	0.56	3.11	ppb
Cobalt	59-2	21.45	21.87	22.26	21.86	1.86	ppb
Copper	63-2	2.75	3.01	2.88	2.88	4.59	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	4440.11	4459.87	4450.97	4450.32	0.22	ppb
Iron	57-2	4312.42	4300.45	4419.51	4344.13	1.51	ppb
Lead	206-1	0.25	0.21	0.22	0.23	9.21	ppb
Lead	207-1	0.25	0.22	0.18	0.22	17.73	ppb
Lead	208-1	0.24	0.21	0.20	0.22	9.58	ppb
Lithium	6-1						%
Magnesium	24-2	114030.81	114620.24	117053.45	115234.83	1.39	ppb
Manganese	55-2	2977.20	3023.22	3041.64	3014.02	1.10	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-06	Instrumnet Name :	P8
Client Sample ID :	WP021MW357-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:22:39	DataFile Name :	042SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.18	0.22	0.20	8.85	ppb
Molybdenum	95-1	0.44	0.45	0.43	0.44	2.07	ppb
Molybdenum	96-1	0.38	0.43	0.36	0.39	8.33	ppb
Molybdenum	97-1	0.45	0.51	0.44	0.47	7.64	ppb
Molybdenum	98-1	0.51	0.50	0.42	0.48	10.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.92	35.86	38.30	36.70	3.80	ppb
Phosphorus	31-2	-8.47	51.37	11.82	18.24	166.86	ppb
Potassium	39-2	6371.31	6653.80	6762.53	6595.88	3.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	12.98	-1.31	3.53	5.07	143.50	ppb
Selenium	78-2	-0.29	0.47	-1.04	-0.28		ppb
Selenium	82-1	5.50	5.58	5.49	5.52	0.85	ppb
Silicon	28-1	7804.58	7633.94	7654.26	7697.59	1.21	ppb
Silver	109-1	0.18	0.15	0.17	0.17	8.57	ppb
Silver	107-1	0.18	0.18	0.18	0.18	1.87	ppb
Sodium	23-2	539206.34	549400.04	558833.14	549146.51	1.79	ppb
Strontium	86-1	5889.08	5764.89	5851.47	5835.15	1.09	ppb
Strontium	88-1	5963.36	5855.33	5924.44	5914.38	0.93	ppb
Sulfur	34-1	352447.55	341773.80	344335.99	346185.78	1.61	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.06	0.07	0.06	13.30	ppb
Thallium	205-1	0.07	0.08	0.06	0.07	10.27	ppb
Tin	118-1	1.87	1.92	2.02	1.94	3.95	ppb
Titanium	47-1	0.85	0.95	1.06	0.95	11.00	ppb
Uranium	238-1	12.31	12.16	12.02	12.16	1.16	ppb
Vanadium	51-2	0.11	0.12	0.11	0.11	6.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	109.81	111.26	111.28	110.79	0.76	ppb
Zirconium	90-1	0.11	0.12	0.11	0.11	4.53	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-06	Instrumnet Name :	P8
Client Sample ID :	WP021MW357-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:22:39	DataFile Name :	042SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.10	0.09	0.10	7.02	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-01	Instrumnet Name :	P8
Client Sample ID :	WP021IW385-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:25:46	DataFile Name :	043SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	433.68	466.98	504.13	468.26	7.53	ppb
Antimony	121-1	0.93	0.99	0.93	0.95	3.36	ppb
Arsenic	75-2	4.21	5.04	5.39	4.88	12.42	ppb
Barium	135-1	68.24	68.46	69.54	68.75	1.01	ppb
Barium	137-1	69.04	69.67	69.05	69.25	0.52	ppb
Beryllium	9-1	-0.01	0.01	-0.02	0.00		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	210.12	208.15	214.63	210.96	1.57	ppb
Boron	11-1	206.25	209.42	203.62	206.43	1.41	ppb
Cadmium	111-1	-0.01	-0.05	0.07	0.00	2994.23	ppb
Cadmium	106-1	-2.89	-3.31	-1.87	-2.69		ppb
Cadmium	108-1	0.37	0.58	0.43	0.46	24.23	ppb
Calcium	43-1	287408.90	293792.84	298126.76	293109.50	1.84	ppb
Calcium	44-1	286556.22	295607.89	296139.75	292767.96	1.84	ppb
Chromium	52-2	8.29	7.86	7.97	8.04	2.78	ppb
Cobalt	59-2	3.00	2.95	3.11	3.02	2.65	ppb
Copper	63-2	5.74	6.00	5.82	5.85	2.26	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	27378.82	27522.48	27352.11	27417.80	0.33	ppb
Iron	57-2	26949.97	27023.64	27027.91	27000.51	0.16	ppb
Lead	206-1	2.31	2.25	2.33	2.30	1.84	ppb
Lead	207-1	1.99	1.98	2.00	1.99	0.47	ppb
Lead	208-1	2.14	2.15	2.18	2.16	1.03	ppb
Lithium	6-1						%
Magnesium	24-2	16354.52	16339.19	16652.65	16448.79	1.07	ppb
Manganese	55-2	630.51	625.25	627.21	627.66	0.42	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-01	Instrumnet Name :	P8
Client Sample ID :	WP021IW385-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:25:46	DataFile Name :	043SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.75	0.71	0.73	0.73	2.50	ppb
Molybdenum	95-1	0.25	0.29	0.23	0.26	10.18	ppb
Molybdenum	96-1	0.45	0.44	0.40	0.43	6.11	ppb
Molybdenum	97-1	0.27	0.31	0.30	0.30	6.60	ppb
Molybdenum	98-1	0.32	0.32	0.33	0.32	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.06	4.29	3.96	4.10	4.03	ppb
Phosphorus	31-2	3049.39	3497.21	3073.22	3206.61	7.86	ppb
Potassium	39-2	3157.88	3253.40	3270.59	3227.29	1.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	3.59	8.55	3.61	136.73	ppb
Selenium	78-2	-0.27	1.28	1.29	0.77	117.13	ppb
Selenium	82-1	1.88	1.88	1.57	1.78	10.19	ppb
Silicon	28-1	8694.41	8913.17	9175.12	8927.57	2.70	ppb
Silver	109-1	0.16	0.18	0.18	0.17	6.45	ppb
Silver	107-1	0.18	0.16	0.17	0.17	5.48	ppb
Sodium	23-2	71322.97	70672.89	71924.71	71306.85	0.88	ppb
Strontium	86-1	855.19	852.49	853.08	853.59	0.17	ppb
Strontium	88-1	853.82	854.05	855.09	854.32	0.08	ppb
Sulfur	34-1	65411.55	67692.54	69196.59	67433.56	2.83	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.04	0.03	17.86	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	5.51	ppb
Tin	118-1	15.02	15.13	15.66	15.27	2.23	ppb
Titanium	47-1	279.01	289.62	290.60	286.41	2.24	ppb
Uranium	238-1	2.85	2.91	2.91	2.89	1.16	ppb
Vanadium	51-2	9.28	9.45	9.77	9.50	2.62	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	47.24	48.47	51.43	49.05	4.39	ppb
Zirconium	90-1	0.91	0.91	0.94	0.92	2.09	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-01	Instrumnet Name :	P8
Client Sample ID :	WP021IW385-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:25:46	DataFile Name :	043SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.02	0.94	0.95	0.97	4.47	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW469-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:28:52	DataFile Name :	044SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	173.77	181.62	169.60	174.99	3.49	ppb
Antimony	121-1	1.65	1.70	1.68	1.68	1.52	ppb
Arsenic	75-2	4.00	3.72	3.66	3.79	4.80	ppb
Barium	135-1	100.59	100.78	98.26	99.88	1.40	ppb
Barium	137-1	100.42	102.48	99.82	100.91	1.38	ppb
Beryllium	9-1	-0.04	-0.03	-0.04	-0.04		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	212.59	208.01	203.49	208.03	2.19	ppb
Boron	11-1	204.32	202.58	202.56	203.15	0.50	ppb
Cadmium	111-1	-0.08	-0.07	-0.12	-0.09		ppb
Cadmium	106-1	-2.12	-1.98	-2.96	-2.35		ppb
Cadmium	108-1	0.27	0.03	0.12	0.14	89.31	ppb
Calcium	43-1	184467.21	184082.44	182231.40	183593.68	0.65	ppb
Calcium	44-1	181266.26	182753.50	179226.12	181081.96	0.98	ppb
Chromium	52-2	32.40	33.72	32.71	32.94	2.10	ppb
Cobalt	59-2	3.30	3.31	3.26	3.29	0.79	ppb
Copper	63-2	3.04	3.06	3.19	3.09	2.64	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	1071.65	1099.32	1087.67	1086.22	1.28	ppb
Iron	57-2	1123.37	1113.47	1062.29	1099.71	2.98	ppb
Lead	206-1	0.67	0.70	0.72	0.70	3.78	ppb
Lead	207-1	0.63	0.62	0.60	0.62	2.42	ppb
Lead	208-1	0.64	0.67	0.65	0.65	2.36	ppb
Lithium	6-1						%
Magnesium	24-2	16106.53	16624.49	16258.19	16329.73	1.63	ppb
Manganese	55-2	749.37	774.15	761.01	761.51	1.63	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW469-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:28:52	DataFile Name :	044SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.75	0.78	0.64	0.72	10.49	ppb
Molybdenum	95-1	1.44	1.38	1.46	1.42	2.95	ppb
Molybdenum	96-1	1.22	1.24	1.22	1.23	0.68	ppb
Molybdenum	97-1	1.45	1.42	1.41	1.43	1.26	ppb
Molybdenum	98-1	1.49	1.43	1.43	1.45	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.10	2.90	2.74	2.91	6.24	ppb
Phosphorus	31-2	-8.47	95.40	-8.47	26.15	229.34	ppb
Potassium	39-2	6074.18	6227.67	6125.42	6142.42	1.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	8.58	-1.31	1.99	287.85	ppb
Selenium	78-2	0.50	0.52	0.52	0.51	1.91	ppb
Selenium	82-1	1.59	0.51	1.27	1.12	49.14	ppb
Silicon	28-1	9375.44	9361.51	9222.99	9319.98	0.90	ppb
Silver	109-1	0.14	0.16	0.16	0.15	5.53	ppb
Silver	107-1	0.13	0.17	0.15	0.15	12.25	ppb
Sodium	23-2	68521.85	69287.33	68577.58	68795.59	0.62	ppb
Strontium	86-1	875.13	875.32	874.26	874.91	0.06	ppb
Strontium	88-1	875.58	875.55	864.61	871.91	0.73	ppb
Sulfur	34-1	38854.29	38912.00	38351.67	38705.99	0.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.01	0.00	43.67	ppb
Tin	118-1	1.88	1.99	2.03	1.97	3.88	ppb
Titanium	47-1	3.39	3.54	3.95	3.63	8.03	ppb
Uranium	238-1	1.32	1.34	1.31	1.32	1.13	ppb
Vanadium	51-2	1.88	2.05	1.95	1.96	4.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.77	12.48	13.36	12.54	6.33	ppb
Zirconium	90-1	0.43	0.45	0.41	0.43	4.48	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW469-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:28:52	DataFile Name :	044SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.40	0.38	0.40	0.39	3.36	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:32:00	DataFile Name :	045CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47614.23	48557.18	49471.30	48547.57	1.91	ppb
Antimony	121-1	466.53	460.76	463.95	463.75	0.62	ppb
Arsenic	75-2	494.91	494.15	495.54	494.87	0.14	ppb
Barium	135-1	2584.63	2529.10	2552.02	2555.25	1.09	ppb
Barium	137-1	2543.96	2516.92	2522.49	2527.79	0.56	ppb
Beryllium	9-1	479.13	473.67	470.58	474.46	0.91	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	471.19	481.57	483.64	478.80	1.39	ppb
Boron	11-1	466.71	465.75	472.88	468.45	0.83	ppb
Cadmium	111-1	488.63	482.98	484.17	485.26	0.61	ppb
Cadmium	106-1	497.81	491.93	492.16	493.97	0.67	ppb
Cadmium	108-1	495.24	483.66	487.44	488.78	1.21	ppb
Calcium	43-1	243335.45	242237.96	244268.80	243280.74	0.42	ppb
Calcium	44-1	241176.06	241294.59	242445.90	241638.85	0.29	ppb
Chromium	52-2	503.22	518.27	527.26	516.25	2.35	ppb
Cobalt	59-2	494.18	509.53	514.69	506.13	2.11	ppb
Copper	63-2	993.97	1019.80	1041.27	1018.35	2.33	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	120224.77	123965.33	125988.77	123392.96	2.37	ppb
Iron	57-2	123266.23	127970.18	128566.35	126600.92	2.29	ppb
Lead	206-1	529.16	520.69	526.24	525.36	0.82	ppb
Lead	207-1	522.85	523.44	523.17	523.15	0.06	ppb
Lead	208-1	524.39	522.01	523.00	523.13	0.23	ppb
Lithium	6-1						%
Magnesium	24-2	241755.58	248237.65	251445.39	247146.20	2.00	ppb
Manganese	55-2	985.59	1010.40	1028.98	1008.33	2.16	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:32:00	DataFile Name :	045CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	506.29	493.84	503.95	501.36	1.32	ppb
Molybdenum	95-1	500.51	499.58	505.04	501.71	0.58	ppb
Molybdenum	96-1	503.96	502.17	508.76	504.96	0.68	ppb
Molybdenum	97-1	491.45	487.21	493.23	490.63	0.63	ppb
Molybdenum	98-1	502.94	504.29	510.15	505.79	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.60	508.58	511.38	506.52	1.21	ppb
Phosphorus	31-2	9400.88	9063.52	10146.70	9537.04	5.81	ppb
Potassium	39-2	122399.18	123622.49	126946.53	124322.74	1.89	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	480.88	515.25	517.13	504.42	4.05	ppb
Selenium	78-2	478.95	488.55	528.44	498.65	5.26	ppb
Selenium	82-1	497.18	491.14	498.53	495.62	0.79	ppb
Silicon	28-1	493.50	503.07	494.77	497.11	1.05	ppb
Silver	109-1	498.18	494.15	497.68	496.67	0.44	ppb
Silver	107-1	501.29	497.50	492.32	497.04	0.91	ppb
Sodium	23-2	249072.25	252970.98	256790.51	252944.58	1.53	ppb
Strontium	86-1	500.77	497.37	502.36	500.17	0.51	ppb
Strontium	88-1	509.03	508.80	508.20	508.68	0.08	ppb
Sulfur	34-1	9609.92	9580.82	9550.52	9580.42	0.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	533.99	521.60	525.57	527.05	1.20	ppb
Thallium	205-1	521.30	513.35	523.07	519.24	1.00	ppb
Tin	118-1	508.05	501.00	498.42	502.49	0.99	ppb
Titanium	47-1	502.79	497.41	503.47	501.22	0.66	ppb
Uranium	238-1	519.66	518.18	512.14	516.66	0.77	ppb
Vanadium	51-2	504.98	517.63	526.03	516.21	2.05	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	973.00	989.33	993.01	985.11	1.08	ppb
Zirconium	90-1	498.92	496.71	501.11	498.91	0.44	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:32:00	DataFile Name :	045CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	501.45	503.04	498.90	501.13	0.42	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:35:00	DataFile Name :	046CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.55	2.94	-1.15	1.11	186.35	ppb
Antimony	121-1	0.36	0.31	0.29	0.32	11.33	ppb
Arsenic	75-2	0.03	-0.03	0.00	0.00		ppb
Barium	135-1	-0.05	-0.03	-0.04	-0.04		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.11	0.05	0.09	0.08	34.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	24.16	23.49	22.99	23.54	2.49	ppb
Boron	11-1	24.77	23.23	23.09	23.70	3.93	ppb
Cadmium	111-1	-0.12	-0.08	-0.07	-0.09		ppb
Cadmium	106-1	-2.24	-1.40	-1.47	-1.70		ppb
Cadmium	108-1	0.17	0.11	0.02	0.10	72.33	ppb
Calcium	43-1	-22.94	-1.40	-7.38	-10.57		ppb
Calcium	44-1	-9.12	-8.16	-7.14	-8.14		ppb
Chromium	52-2	-0.03	0.02	-0.06	-0.03		ppb
Cobalt	59-2	-0.03	-0.02	-0.03	-0.02		ppb
Copper	63-2	0.13	0.14	0.15	0.14	6.60	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	1.33	0.85	0.88	1.02	26.46	ppb
Iron	57-2	0.02	0.06	-1.21	-0.38		ppb
Lead	206-1	0.03	0.01	0.01	0.02	69.77	ppb
Lead	207-1	0.01	0.00	0.01	0.01	49.38	ppb
Lead	208-1	0.01	0.01	0.01	0.01	15.93	ppb
Lithium	6-1						%
Magnesium	24-2	1.92	0.01	2.54	1.49	88.32	ppb
Manganese	55-2	-0.20	-0.27	-0.13	-0.20		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:35:00	DataFile Name :	046CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.07	0.04	0.06	20.48	ppb
Molybdenum	95-1	0.03	0.01	0.01	0.01	67.73	ppb
Molybdenum	96-1	0.05	0.05	0.04	0.05	15.21	ppb
Molybdenum	97-1	0.06	0.05	0.06	0.06	9.53	ppb
Molybdenum	98-1	0.06	0.04	0.03	0.04	30.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.22	-0.23	-0.19		ppb
Phosphorus	31-2	10.08	10.23	-8.47	3.94	272.68	ppb
Potassium	39-2	8.43	-5.17	0.92	1.39	489.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	-1.31	-1.31	-1.31		ppb
Selenium	78-2	0.29	-0.36	-0.36	-0.14		ppb
Selenium	82-1	0.37	-0.54	-0.06	-0.07		ppb
Silicon	28-1	-22.07	-23.21	-8.38	-17.89		ppb
Silver	109-1	0.36	0.07	0.08	0.17	96.75	ppb
Silver	107-1	0.08	0.06	0.05	0.07	20.62	ppb
Sodium	23-2	47.20	49.73	44.00	46.98	6.11	ppb
Strontium	86-1	-0.01	-0.03	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1097.98	-1303.91	-1006.63	-1136.17		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.05	0.02	0.04	0.04	40.65	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	14.23	ppb
Tin	118-1	0.20	0.23	0.18	0.20	11.22	ppb
Titanium	47-1	-0.01	0.01	-0.01	0.00		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.02	-0.02	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.89	0.61	0.56	0.68	25.84	ppb
Zirconium	90-1	0.05	0.06	0.08	0.06	17.71	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:35:00	DataFile Name :	046CCBE_P8091217- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.07	0.07	0.07	9.47	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5163-03 Instrumnet Name : P8
 Client Sample ID : WP021MW359-170907 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:38:09 DataFile Name : 047SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.70	-1.02	4.69	2.79	118.33	ppb
Antimony	121-1	3.09	2.39	2.05	2.51	21.17	ppb
Arsenic	75-2	23.37	23.09	21.87	22.78	3.51	ppb
Barium	135-1	148.98	149.87	147.73	148.86	0.72	ppb
Barium	137-1	148.98	149.26	148.41	148.88	0.29	ppb
Beryllium	9-1	0.03	0.01	0.01	0.01	85.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	161.82	171.04	163.11	165.32	3.02	ppb
Boron	11-1	166.35	165.66	161.24	164.42	1.69	ppb
Cadmium	111-1	-0.08	-0.14	-0.05	-0.09		ppb
Cadmium	106-1	-2.09	-2.78	-1.77	-2.21		ppb
Cadmium	108-1	0.25	0.09	0.12	0.15	55.94	ppb
Calcium	43-1	183213.09	183251.49	177659.75	181374.78	1.77	ppb
Calcium	44-1	180277.96	179654.72	176866.31	178933.00	1.02	ppb
Chromium	52-2	3.48	3.16	3.27	3.30	4.97	ppb
Cobalt	59-2	0.50	0.59	0.56	0.55	8.28	ppb
Copper	63-2	1.98	2.11	2.12	2.07	3.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6128.10	6030.69	6080.99	6079.93	0.80	ppb
Iron	57-2	5890.40	5945.60	5873.16	5903.05	0.64	ppb
Lead	206-1	0.22	0.17	0.16	0.18	15.36	ppb
Lead	207-1	0.16	0.17	0.13	0.15	13.99	ppb
Lead	208-1	0.19	0.17	0.14	0.17	14.27	ppb
Lithium	6-1						%
Magnesium	24-2	15356.47	15287.05	15234.66	15292.73	0.40	ppb
Manganese	55-2	1115.74	1107.95	1091.16	1104.95	1.14	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-03	Instrumnet Name :	P8
Client Sample ID :	WP021MW359-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:38:09	DataFile Name :	047SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.67	0.58	0.57	0.61	9.69	ppb
Molybdenum	95-1	0.83	0.86	0.87	0.85	2.74	ppb
Molybdenum	96-1	0.85	0.85	0.86	0.85	0.54	ppb
Molybdenum	97-1	0.85	0.86	0.94	0.88	5.20	ppb
Molybdenum	98-1	0.94	0.98	0.89	0.94	5.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.81	1.70	1.85	1.79	4.24	ppb
Phosphorus	31-2	71.01	310.11	189.85	190.32	62.81	ppb
Potassium	39-2	6339.55	6402.62	6202.00	6314.72	1.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	8.22	-1.31	-1.31	1.87	295.22	ppb
Selenium	78-2	1.96	-1.04	0.48	0.47	319.75	ppb
Selenium	82-1	1.36	1.88	1.20	1.48	24.13	ppb
Silicon	28-1	10778.56	10774.33	10420.13	10657.67	1.93	ppb
Silver	109-1	0.24	0.21	0.22	0.23	6.60	ppb
Silver	107-1	0.24	0.22	0.20	0.22	9.26	ppb
Sodium	23-2	60808.08	60274.01	59074.98	60052.36	1.48	ppb
Strontium	86-1	834.17	823.02	813.59	823.59	1.25	ppb
Strontium	88-1	820.52	813.09	813.06	815.56	0.53	ppb
Sulfur	34-1	30008.22	29504.09	28705.87	29406.06	2.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	13.80	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	21.58	ppb
Tin	118-1	1.62	1.60	1.54	1.59	2.67	ppb
Titanium	47-1	0.76	0.70	0.89	0.78	12.33	ppb
Uranium	238-1	0.16	0.17	0.16	0.16	2.98	ppb
Vanadium	51-2	0.18	0.19	0.22	0.20	9.10	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.38	5.16	6.18	5.57	9.64	ppb
Zirconium	90-1	0.50	0.45	0.44	0.46	6.63	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-03	Instrumnet Name :	P8
Client Sample ID :	WP021MW359-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:38:09	DataFile Name :	047SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.59	0.48	0.53	0.54	10.33	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5163-04 Instrumnet Name : P8
 Client Sample ID : WP021MW360-170907 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:41:16 DataFile Name : 048SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	215.43	191.39	196.48	201.10	6.30	ppb
Antimony	121-1	1.42	1.36	1.43	1.40	2.69	ppb
Arsenic	75-2	8.27	7.83	8.18	8.09	2.89	ppb
Barium	135-1	172.96	171.64	174.34	172.98	0.78	ppb
Barium	137-1	173.73	171.71	177.93	174.46	1.82	ppb
Beryllium	9-1	0.00	-0.02	-0.02	-0.01		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	174.89	173.46	180.72	176.36	2.18	ppb
Boron	11-1	171.93	176.86	176.35	175.05	1.55	ppb
Cadmium	111-1	0.86	0.82	0.77	0.82	5.80	ppb
Cadmium	106-1	-1.19	-1.30	-1.89	-1.46		ppb
Cadmium	108-1	1.00	0.87	0.92	0.93	7.26	ppb
Calcium	43-1	177886.37	178745.78	176368.87	177667.01	0.68	ppb
Calcium	44-1	177810.68	177003.81	177255.20	177356.56	0.23	ppb
Chromium	52-2	10.90	10.95	10.72	10.86	1.12	ppb
Cobalt	59-2	0.81	0.81	0.73	0.78	5.80	ppb
Copper	63-2	3.82	4.17	4.20	4.06	5.25	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	11499.34	11596.81	11172.43	11422.86	1.95	ppb
Iron	57-2	11357.27	11630.61	11116.51	11368.13	2.26	ppb
Lead	206-1	3.75	3.64	3.83	3.74	2.54	ppb
Lead	207-1	3.34	3.47	3.44	3.42	2.07	ppb
Lead	208-1	3.51	3.57	3.57	3.55	0.94	ppb
Lithium	6-1						%
Magnesium	24-2	12356.88	12397.43	11825.43	12193.25	2.62	ppb
Manganese	55-2	831.98	833.61	794.79	820.13	2.68	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW360-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:41:16	DataFile Name :	048SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.53	0.48	0.51	0.51	4.70	ppb
Molybdenum	95-1	0.55	0.63	0.58	0.59	7.68	ppb
Molybdenum	96-1	0.63	0.59	0.67	0.63	6.31	ppb
Molybdenum	97-1	0.66	0.65	0.70	0.67	3.65	ppb
Molybdenum	98-1	0.62	0.70	0.71	0.68	7.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.50	2.51	2.56	2.52	1.30	ppb
Phosphorus	31-2	136.55	117.65	92.31	115.50	19.22	ppb
Potassium	39-2	4304.92	4376.93	4245.90	4309.25	1.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.64	3.66	-1.31	1.99	143.69	ppb
Selenium	78-2	0.52	1.32	0.49	0.78	60.33	ppb
Selenium	82-1	1.29	0.62	0.70	0.87	41.77	ppb
Silicon	28-1	11066.33	11063.46	10934.08	11021.29	0.69	ppb
Silver	109-1	0.33	0.32	0.36	0.34	6.18	ppb
Silver	107-1	0.33	0.34	0.33	0.34	2.32	ppb
Sodium	23-2	64256.91	64582.07	62407.94	63748.97	1.84	ppb
Strontium	86-1	695.72	692.17	693.23	693.71	0.26	ppb
Strontium	88-1	693.46	692.55	696.06	694.02	0.26	ppb
Sulfur	34-1	6673.50	6703.71	6486.87	6621.36	1.77	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	27.65	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	31.56	ppb
Tin	118-1	1.61	1.58	1.51	1.57	3.35	ppb
Titanium	47-1	3.90	3.62	4.19	3.90	7.26	ppb
Uranium	238-1	0.70	0.72	0.70	0.71	1.67	ppb
Vanadium	51-2	1.21	1.27	1.21	1.23	2.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	39.48	39.26	38.90	39.21	0.75	ppb
Zirconium	90-1	0.48	0.44	0.45	0.46	4.47	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW360-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:41:16	DataFile Name :	048SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.44	0.53	0.39	0.45	15.02	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5163-05 Instrumnet Name : P8
 Client Sample ID : WP021MW361-170907 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:44:23 DataFile Name : 049SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.21	19.45	41.82	25.49	56.08	ppb
Antimony	121-1	1.24	1.25	1.28	1.26	1.43	ppb
Arsenic	75-2	0.49	0.59	0.50	0.52	10.97	ppb
Barium	135-1	25.78	25.57	25.15	25.50	1.25	ppb
Barium	137-1	25.86	26.08	25.93	25.96	0.45	ppb
Beryllium	9-1	-0.01	-0.03	-0.04	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	836.07	826.48	815.25	825.94	1.26	ppb
Boron	11-1	819.02	827.69	817.99	821.57	0.65	ppb
Cadmium	111-1	-0.12	-0.11	-0.11	-0.11		ppb
Cadmium	106-1	-2.00	-2.11	-2.05	-2.05		ppb
Cadmium	108-1	0.12	0.12	0.06	0.10	36.42	ppb
Calcium	43-1	218674.59	221756.43	222079.76	220836.93	0.85	ppb
Calcium	44-1	218167.38	220221.43	219110.59	219166.47	0.47	ppb
Chromium	52-2	1.14	1.00	1.09	1.08	6.26	ppb
Cobalt	59-2	0.67	0.75	0.66	0.69	7.19	ppb
Copper	63-2	2.48	2.51	2.38	2.46	2.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	426.31	421.96	416.99	421.75	1.11	ppb
Iron	57-2	443.18	435.80	404.70	427.89	4.77	ppb
Lead	206-1	0.34	0.37	0.38	0.37	6.00	ppb
Lead	207-1	0.28	0.29	0.33	0.30	9.27	ppb
Lead	208-1	0.34	0.33	0.35	0.34	2.10	ppb
Lithium	6-1						%
Magnesium	24-2	35648.16	35122.40	34945.91	35238.82	1.04	ppb
Manganese	55-2	104.55	102.68	101.08	102.77	1.69	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-05	Instrumnet Name :	P8
Client Sample ID :	WP021MW361-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:44:23	DataFile Name :	049SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.21	0.20	0.20	3.28	ppb
Molybdenum	95-1	0.29	0.24	0.23	0.25	11.27	ppb
Molybdenum	96-1	0.24	0.21	0.22	0.22	6.84	ppb
Molybdenum	97-1	0.31	0.28	0.31	0.30	4.85	ppb
Molybdenum	98-1	0.27	0.28	0.31	0.29	5.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.47	4.70	4.04	4.40	7.61	ppb
Phosphorus	31-2	-8.47	11.79	51.00	18.10	167.01	ppb
Potassium	39-2	3506.80	3503.62	3466.39	3492.27	0.64	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.58	-1.31	-1.31	0.32	887.24	ppb
Selenium	78-2	0.51	1.25	0.48	0.74	58.34	ppb
Selenium	82-1	1.08	1.27	1.83	1.39	28.11	ppb
Silicon	28-1	16544.74	16728.06	16648.45	16640.42	0.55	ppb
Silver	109-1	0.12	0.13	0.14	0.13	5.37	ppb
Silver	107-1	0.15	0.11	0.13	0.13	15.22	ppb
Sodium	23-2	173081.06	171834.51	168934.68	171283.42	1.24	ppb
Strontium	86-1	1574.51	1540.00	1536.99	1550.50	1.34	ppb
Strontium	88-1	1563.44	1561.78	1560.08	1561.77	0.11	ppb
Sulfur	34-1	83748.87	83649.30	84757.98	84052.05	0.73	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.00	0.01	73.49	ppb
Thallium	205-1	0.02	0.01	0.02	0.01	30.58	ppb
Tin	118-1	1.52	1.55	1.61	1.56	2.92	ppb
Titanium	47-1	1.91	2.48	2.49	2.29	14.33	ppb
Uranium	238-1	3.55	3.54	3.55	3.55	0.21	ppb
Vanadium	51-2	0.26	0.19	0.22	0.22	16.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	45.10	44.08	43.21	44.13	2.15	ppb
Zirconium	90-1	0.16	0.16	0.17	0.16	4.61	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-05	Instrumnet Name :	P8
Client Sample ID :	WP021MW361-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:44:23	DataFile Name :	049SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.18	0.17	0.22	0.19	14.01	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-06	Instrumnet Name :	P8
Client Sample ID :	DUP-0431-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:47:30	DataFile Name :	050SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.35	9.19	3.30	5.28	64.17	ppb
Antimony	121-1	1.17	1.17	1.18	1.17	0.57	ppb
Arsenic	75-2	22.15	20.95	22.98	22.03	4.63	ppb
Barium	135-1	139.40	140.76	142.64	140.93	1.16	ppb
Barium	137-1	139.95	141.23	142.86	141.35	1.03	ppb
Beryllium	9-1	-0.01	-0.07	-0.02	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	180.02	178.85	179.80	179.56	0.34	ppb
Boron	11-1	180.40	177.17	176.41	177.99	1.19	ppb
Cadmium	111-1	-0.17	-0.10	-0.10	-0.13		ppb
Cadmium	106-1	-2.78	-1.94	-1.99	-2.24		ppb
Cadmium	108-1	0.12	0.06	0.00	0.06	108.11	ppb
Calcium	43-1	177332.37	175940.59	179036.49	177436.48	0.87	ppb
Calcium	44-1	173643.86	174949.32	177769.14	175454.11	1.20	ppb
Chromium	52-2	2.51	2.57	2.51	2.53	1.38	ppb
Cobalt	59-2	0.55	0.51	0.51	0.52	4.65	ppb
Copper	63-2	2.50	2.33	2.25	2.36	5.35	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	5824.85	5908.68	5788.44	5840.66	1.06	ppb
Iron	57-2	5759.37	5650.73	5728.71	5712.94	0.98	ppb
Lead	206-1	0.13	0.13	0.12	0.13	5.25	ppb
Lead	207-1	0.11	0.10	0.10	0.10	4.23	ppb
Lead	208-1	0.11	0.13	0.12	0.12	5.74	ppb
Lithium	6-1						%
Magnesium	24-2	15089.97	15018.48	14792.00	14966.82	1.04	ppb
Manganese	55-2	1086.49	1092.65	1078.63	1085.92	0.65	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-06	Instrumnet Name :	P8
Client Sample ID :	DUP-0431-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:47:30	DataFile Name :	050SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.52	0.49	0.49	0.50	3.10	ppb
Molybdenum	95-1	0.86	0.82	0.77	0.82	5.40	ppb
Molybdenum	96-1	0.76	0.75	0.70	0.74	4.05	ppb
Molybdenum	97-1	0.92	0.81	0.87	0.87	6.52	ppb
Molybdenum	98-1	0.88	0.88	0.86	0.87	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.47	1.59	1.32	1.46	9.28	ppb
Phosphorus	31-2	192.85	234.07	91.45	172.79	42.48	ppb
Potassium	39-2	6157.34	6075.48	6042.51	6091.78	0.97	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	13.16	-1.31	3.59	5.15	143.04	ppb
Selenium	78-2	1.24	-0.28	1.28	0.75	118.36	ppb
Selenium	82-1	1.47	1.04	0.88	1.13	27.00	ppb
Silicon	28-1	10220.50	10227.71	10443.55	10297.25	1.23	ppb
Silver	109-1	0.12	0.11	0.13	0.12	8.14	ppb
Silver	107-1	0.11	0.11	0.13	0.12	12.27	ppb
Sodium	23-2	59618.18	59556.04	58533.33	59235.85	1.03	ppb
Strontium	86-1	799.60	796.86	800.88	799.11	0.26	ppb
Strontium	88-1	800.35	798.49	801.59	800.15	0.19	ppb
Sulfur	34-1	28787.77	28486.83	29195.83	28823.47	1.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	1.21	1.31	1.24	1.25	4.06	ppb
Titanium	47-1	0.84	0.70	0.81	0.79	9.15	ppb
Uranium	238-1	0.16	0.17	0.16	0.16	3.63	ppb
Vanadium	51-2	0.15	0.21	0.17	0.18	20.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.94	9.41	9.76	9.37	4.44	ppb
Zirconium	90-1	0.33	0.31	0.31	0.32	4.17	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-06	Instrumnet Name :	P8
Client Sample ID :	DUP-0431-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:47:30	DataFile Name :	050SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.32	0.28	0.31	7.88	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5163-08 Instrumnet Name : P8
 Client Sample ID : WP021MW360-170907 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:50:37 DataFile Name : 051SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.80	29.37	18.35	23.51	23.57	ppb
Antimony	121-1	1.10	1.12	1.14	1.12	1.98	ppb
Arsenic	75-2	7.70	7.29	7.86	7.62	3.88	ppb
Barium	135-1	167.91	167.43	166.06	167.13	0.57	ppb
Barium	137-1	169.96	168.71	167.29	168.65	0.79	ppb
Beryllium	9-1	-0.05	-0.06	-0.02	-0.04		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	181.78	182.28	185.50	183.18	1.10	ppb
Boron	11-1	182.04	180.46	182.35	181.62	0.56	ppb
Cadmium	111-1	-0.14	-0.14	-0.19	-0.16		ppb
Cadmium	106-1	-2.42	-2.07	-3.40	-2.63		ppb
Cadmium	108-1	0.06	0.27	0.06	0.13	95.44	ppb
Calcium	43-1	175598.17	174693.91	173851.50	174714.53	0.50	ppb
Calcium	44-1	173387.77	173361.80	172528.63	173092.73	0.28	ppb
Chromium	52-2	1.40	1.45	1.45	1.43	2.01	ppb
Cobalt	59-2	0.60	0.54	0.62	0.59	7.44	ppb
Copper	63-2	2.85	2.84	2.86	2.85	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	10674.80	10710.01	10520.28	10635.03	0.95	ppb
Iron	57-2	10480.41	10415.57	10392.49	10429.49	0.44	ppb
Lead	206-1	0.30	0.28	0.29	0.29	4.56	ppb
Lead	207-1	0.23	0.27	0.26	0.25	7.93	ppb
Lead	208-1	0.27	0.26	0.27	0.27	1.54	ppb
Lithium	6-1						%
Magnesium	24-2	11446.38	11556.36	11379.87	11460.87	0.78	ppb
Manganese	55-2	784.73	790.00	779.38	784.70	0.68	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-08	Instrumnet Name :	P8
Client Sample ID :	WP021MW360-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:50:37	DataFile Name :	051SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.29	0.30	0.29	3.65	ppb
Molybdenum	95-1	0.69	0.61	0.74	0.68	9.31	ppb
Molybdenum	96-1	0.62	0.61	0.59	0.61	3.00	ppb
Molybdenum	97-1	0.66	0.71	0.67	0.68	3.86	ppb
Molybdenum	98-1	0.71	0.68	0.76	0.72	5.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.36	2.44	2.33	2.38	2.32	ppb
Phosphorus	31-2	94.64	12.55	32.80	46.66	91.64	ppb
Potassium	39-2	4165.75	4052.03	4066.45	4094.74	1.51	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	-1.31	8.92	2.10	281.79	ppb
Selenium	78-2	-1.04	-0.24	-0.23	-0.50		ppb
Selenium	82-1	0.80	0.55	1.15	0.83	36.40	ppb
Silicon	28-1	10540.68	10498.35	10340.66	10459.90	1.01	ppb
Silver	109-1	0.12	0.12	0.10	0.12	9.02	ppb
Silver	107-1	0.13	0.09	0.11	0.11	15.12	ppb
Sodium	23-2	61456.57	60734.14	60022.26	60737.66	1.18	ppb
Strontium	86-1	682.99	678.61	678.79	680.13	0.36	ppb
Strontium	88-1	686.47	680.12	674.69	680.43	0.87	ppb
Sulfur	34-1	6912.44	6631.54	6658.78	6734.25	2.30	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	583.02	ppb
Tin	118-1	1.14	1.22	1.13	1.16	4.40	ppb
Titanium	47-1	0.75	0.70	0.77	0.74	4.72	ppb
Uranium	238-1	0.67	0.68	0.72	0.69	3.64	ppb
Vanadium	51-2	0.19	0.15	0.17	0.17	12.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	42.79	42.85	42.74	42.79	0.13	ppb
Zirconium	90-1	0.13	0.14	0.12	0.13	7.73	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-08	Instrumnet Name :	P8
Client Sample ID :	WP021MW360-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:50:37	DataFile Name :	051SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.17	0.11	0.14	19.84	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-11	Instrumnet Name :	P8
Client Sample ID :	20170541-FB-1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:53:43	DataFile Name :	052SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.06	-1.19	1.27	1.05	203.75	ppb
Antimony	121-1	0.03	0.05	0.03	0.04	18.76	ppb
Arsenic	75-2	0.05	-0.04	-0.02	0.00		ppb
Barium	135-1	-0.02	-0.03	-0.01	-0.02		ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	-0.06	-0.06	-0.05	-0.06		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	15.77	16.93	16.45	16.38	3.58	ppb
Boron	11-1	16.39	14.96	16.13	15.83	4.80	ppb
Cadmium	111-1	-0.17	-0.19	-0.10	-0.16		ppb
Cadmium	106-1	-2.49	-2.63	-1.46	-2.19		ppb
Cadmium	108-1	-0.01	0.05	0.05	0.03	112.27	ppb
Calcium	43-1	-4.52	-16.00	-13.01	-11.18		ppb
Calcium	44-1	-8.87	-8.87	-8.02	-8.58		ppb
Chromium	52-2	-0.07	-0.12	-0.20	-0.13		ppb
Cobalt	59-2	-0.02	-0.04	-0.03	-0.03		ppb
Copper	63-2	0.17	0.14	0.15	0.15	11.50	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	0.26	-0.08	0.05	0.08	223.42	ppb
Iron	57-2	0.56	-2.05	1.13	-0.12		ppb
Lead	206-1	0.01	0.00	0.01	0.01	48.75	ppb
Lead	207-1	-0.01	-0.01	0.00	-0.01		ppb
Lead	208-1	-0.01	0.00	0.00	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	0.19	0.59	-0.61	0.06	1033.34	ppb
Manganese	55-2	-0.07	-0.15	-0.14	-0.12		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-11	Instrumnet Name :	P8
Client Sample ID :	20170541-FB-1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:53:43	DataFile Name :	052SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	95-1	-0.05	-0.04	-0.05	-0.04		ppb
Molybdenum	96-1	-0.02	-0.02	-0.04	-0.03		ppb
Molybdenum	97-1	-0.01	-0.02	0.01	-0.01		ppb
Molybdenum	98-1	-0.03	-0.03	-0.03	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.18	-0.20	-0.19		ppb
Phosphorus	31-2	-8.47	44.24	8.77	14.85	181.03	ppb
Potassium	39-2	16.90	-16.76	-9.69	-3.18		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	-1.31	-1.31	-1.31		ppb
Selenium	78-2	-1.04	-0.41	-0.41	-0.62		ppb
Selenium	82-1	-0.12	0.43	0.02	0.11	253.11	ppb
Silicon	28-1	-41.78	-42.05	-38.07	-40.63		ppb
Silver	109-1	0.03	0.02	0.01	0.02	33.20	ppb
Silver	107-1	0.02	0.03	0.02	0.02	38.89	ppb
Sodium	23-2	25.39	22.52	19.46	22.46	13.19	ppb
Strontium	86-1	0.04	0.01	-0.03	0.01	504.38	ppb
Strontium	88-1	0.05	0.05	0.04	0.05	7.23	ppb
Sulfur	34-1	-2136.11	-2365.97	-2044.98	-2182.35		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	-0.07	-0.07	-0.07	-0.07		ppb
Titanium	47-1	0.04	0.00	-0.05	0.00		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	137.55	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	4.80	4.72	4.67	4.73	1.35	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-11	Instrumnet Name :	P8
Client Sample ID :	20170541-FB-1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:53:43	DataFile Name :	052SMPL_P8091217- M8

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

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-12	Instrumnet Name :	P8
Client Sample ID :	20170542-FB-2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:56:51	DataFile Name :	053SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.49	13.58	4.98	9.35	46.02	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	2.06	ppb
Arsenic	75-2	-0.01	-0.02	-0.04	-0.02		ppb
Barium	135-1	3.05	2.83	2.84	2.91	4.15	ppb
Barium	137-1	3.02	3.22	3.04	3.09	3.46	ppb
Beryllium	9-1	-0.02	-0.08	0.01	-0.03		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	12.39	12.99	11.97	12.45	4.10	ppb
Boron	11-1	12.96	13.09	12.65	12.90	1.72	ppb
Cadmium	111-1	-0.17	-0.09	-0.11	-0.12		ppb
Cadmium	106-1	-2.36	-1.14	-1.42	-1.64		ppb
Cadmium	108-1	0.11	0.05	-0.01	0.05	117.16	ppb
Calcium	43-1	32.85	29.60	10.80	24.42	48.77	ppb
Calcium	44-1	27.30	29.39	20.40	25.70	18.30	ppb
Chromium	52-2	-0.12	-0.21	-0.23	-0.18		ppb
Cobalt	59-2	-0.04	-0.03	-0.02	-0.03		ppb
Copper	63-2	0.16	0.13	0.11	0.14	20.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.52	0.57	0.15	0.41	55.80	ppb
Iron	57-2	-1.16	-1.40	1.11	-0.49		ppb
Lead	206-1	0.00	0.01	0.01	0.00	100.19	ppb
Lead	207-1	0.00	-0.01	-0.01	-0.01		ppb
Lead	208-1	0.00	-0.02	-0.01	-0.01		ppb
Lithium	6-1						%
Magnesium	24-2	15.96	15.18	19.47	16.87	13.53	ppb
Manganese	55-2	-0.13	-0.16	0.00	-0.10		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-12	Instrumnet Name :	P8
Client Sample ID :	20170542-FB-2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:56:51	DataFile Name :	053SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	95-1	-0.04	-0.04	-0.04	-0.04		ppb
Molybdenum	96-1	-0.02	-0.03	-0.02	-0.03		ppb
Molybdenum	97-1	0.00	0.00	-0.01	-0.01		ppb
Molybdenum	98-1	-0.03	-0.03	-0.03	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.12	-0.13	-0.09		ppb
Phosphorus	31-2	-8.47	8.64	-8.47	-2.77		ppb
Potassium	39-2	1.76	-20.85	-0.54	-6.54		ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.54	-1.31	-1.31	-0.03		ppb
Selenium	78-2	0.79	-1.04	-0.41	-0.22		ppb
Selenium	82-1	1.32	0.09	1.20	0.87	77.69	ppb
Silicon	28-1	-18.90	-21.60	-23.22	-21.24		ppb
Silver	109-1	0.02	0.02	0.02	0.02	13.84	ppb
Silver	107-1	0.03	0.04	0.01	0.02	57.78	ppb
Sodium	23-2	124.72	130.10	131.76	128.86	2.86	ppb
Strontium	86-1	0.12	0.20	0.16	0.16	25.44	ppb
Strontium	88-1	0.19	0.28	0.20	0.23	23.09	ppb
Sulfur	34-1	-1412.14	-1661.46	-1557.22	-1543.61		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.07	-0.06	-0.07	-0.07		ppb
Titanium	47-1	0.10	0.07	0.04	0.07	41.55	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.08	0.07	0.09	0.08	12.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.37	6.87	7.57	7.27	4.92	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	141.85	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-12	Instrumnet Name :	P8
Client Sample ID :	20170542-FB-2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:56:51	DataFile Name :	053SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	0.02	0.00	0.00	973.50	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATER Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 16:00:00 DataFile Name : 054SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	377.10	363.78	417.69	386.19	7.27	ppb
Antimony	121-1	1.88	1.97	1.85	1.90	3.12	ppb
Arsenic	75-2	2.66	2.68	2.71	2.68	0.98	ppb
Barium	135-1	14.44	15.15	14.03	14.54	3.89	ppb
Barium	137-1	14.31	14.10	14.67	14.36	2.00	ppb
Beryllium	9-1	0.00	0.01	0.06	0.02	159.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2360.67	2383.22	2403.79	2382.56	0.91	ppb
Boron	11-1	2519.33	2515.65	2549.24	2528.07	0.73	ppb
Cadmium	111-1	0.01	-0.05	-0.11	-0.05		ppb
Cadmium	106-1	-0.56	-1.28	-2.27	-1.37		ppb
Cadmium	108-1	0.27	0.08	0.00	0.12	114.25	ppb
Calcium	43-1	233724.91	234464.55	237425.83	235205.10	0.83	ppb
Calcium	44-1	232258.86	233503.21	234985.99	233582.69	0.58	ppb
Chromium	52-2	1.52	1.48	1.41	1.47	3.68	ppb
Cobalt	59-2	0.33	0.35	0.32	0.33	4.78	ppb
Copper	63-2	6.07	7.56	7.61	7.08	12.38	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	648.14	691.67	670.24	670.02	3.25	ppb
Iron	57-2	683.46	685.26	641.89	670.20	3.66	ppb
Lead	206-1	1.44	1.57	1.52	1.51	4.10	ppb
Lead	207-1	1.40	1.41	1.43	1.41	1.22	ppb
Lead	208-1	1.42	1.47	1.47	1.45	2.11	ppb
Lithium	6-1						%
Magnesium	24-2	700451.77	756425.66	730699.83	729192.42	3.84	ppb
Manganese	55-2	33.83	37.53	34.52	35.29	5.58	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATER	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:00:00	DataFile Name :	054SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.96	1.94	2.01	1.97	1.80	ppb
Molybdenum	95-1	5.64	5.77	5.48	5.63	2.56	ppb
Molybdenum	96-1	4.67	4.65	4.68	4.66	0.36	ppb
Molybdenum	97-1	5.46	5.82	5.71	5.66	3.19	ppb
Molybdenum	98-1	5.65	5.67	5.59	5.64	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.24	0.96	1.09	12.75	ppb
Phosphorus	31-2	113.49	146.26	120.17	126.64	13.67	ppb
Potassium	39-2	225068.24	240927.87	234231.89	233409.33	3.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	14.50	-1.31	3.96	230.71	ppb
Selenium	78-2	-0.27	4.77	0.58	1.69	159.12	ppb
Selenium	82-1	18.23	19.27	21.71	19.74	9.03	ppb
Silicon	28-1	1576.20	1612.27	1642.07	1610.18	2.05	ppb
Silver	109-1	0.33	0.40	0.47	0.40	17.28	ppb
Silver	107-1	0.32	0.37	0.47	0.39	19.98	ppb
Sodium	23-2	5957528.33	6398200.06	6195638.37	6183788.92	3.57	ppb
Strontium	86-1	4164.13	4206.82	4223.76	4198.24	0.73	ppb
Strontium	88-1	4233.32	4288.18	4290.87	4270.79	0.76	ppb
Sulfur	34-1	431999.52	438499.69	439231.09	436576.77	0.91	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.03	0.01	0.01	108.78	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	22.95	ppb
Tin	118-1	3.95	3.97	3.91	3.94	0.76	ppb
Titanium	47-1	20.33	21.39	21.55	21.09	3.16	ppb
Uranium	238-1	1.64	1.68	1.64	1.66	1.52	ppb
Vanadium	51-2	3.07	3.23	3.22	3.17	2.69	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.35	12.76	11.93	12.01	5.92	ppb
Zirconium	90-1	0.40	0.42	0.36	0.39	7.61	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATER	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:00:00	DataFile Name :	054SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.37	0.36	0.36	0.36	2.55	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13DUP	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:03:09	DataFile Name :	055SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	388.92	391.19	361.30	380.47	4.37	ppb
Antimony	121-1	1.87	2.13	1.97	1.99	6.67	ppb
Arsenic	75-2	2.39	2.89	2.29	2.52	12.72	ppb
Barium	135-1	15.84	17.14	15.20	16.06	6.18	ppb
Barium	137-1	15.64	17.05	16.37	16.35	4.30	ppb
Beryllium	9-1	0.03	-0.03	-0.07	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2401.84	2607.29	2473.96	2494.36	4.18	ppb
Boron	11-1	2508.63	2775.81	2626.56	2637.00	5.08	ppb
Cadmium	111-1	-0.06	0.00	0.06	0.00		ppb
Cadmium	106-1	-1.21	-1.08	-0.18	-0.82		ppb
Cadmium	108-1	0.23	0.06	0.20	0.16	54.41	ppb
Calcium	43-1	243186.82	269367.76	259009.05	257187.88	5.13	ppb
Calcium	44-1	240136.84	268222.76	251744.33	253367.98	5.57	ppb
Chromium	52-2	1.47	1.60	1.51	1.53	4.44	ppb
Cobalt	59-2	0.38	0.32	0.34	0.35	7.86	ppb
Copper	63-2	7.91	7.73	7.61	7.75	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	683.46	689.03	675.59	682.69	0.99	ppb
Iron	57-2	682.66	673.68	652.94	669.76	2.28	ppb
Lead	206-1	1.70	1.76	1.67	1.71	2.54	ppb
Lead	207-1	1.45	1.61	1.48	1.51	5.36	ppb
Lead	208-1	1.54	1.70	1.56	1.60	5.14	ppb
Lithium	6-1						%
Magnesium	24-2	738489.25	749063.15	734693.30	740748.56	1.01	ppb
Manganese	55-2	37.28	37.15	36.90	37.11	0.52	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13DUP	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:03:09	DataFile Name :	055SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.00	2.23	2.05	2.09	5.87	ppb
Molybdenum	95-1	5.98	5.99	5.86	5.94	1.17	ppb
Molybdenum	96-1	4.69	5.30	4.78	4.92	6.72	ppb
Molybdenum	97-1	6.06	6.20	5.94	6.07	2.13	ppb
Molybdenum	98-1	5.85	6.13	5.70	5.90	3.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.20	0.96	1.08	11.26	ppb
Phosphorus	31-2	192.00	212.50	187.24	197.25	6.80	ppb
Potassium	39-2	238621.98	240887.77	237885.69	239131.81	0.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	8.57	-1.31	3.61	3.62	136.50	ppb
Selenium	78-2	1.30	0.51	2.84	1.55	76.65	ppb
Selenium	82-1	20.29	21.66	21.92	21.29	4.12	ppb
Silicon	28-1	1878.32	2048.43	1806.71	1911.15	6.50	ppb
Silver	109-1	0.94	0.99	0.91	0.95	3.92	ppb
Silver	107-1	0.89	0.93	0.90	0.91	2.24	ppb
Sodium	23-2	6301557.27	6363595.12	6278280.98	6314477.79	0.70	ppb
Strontium	86-1	4403.57	4755.02	4425.74	4528.11	4.35	ppb
Strontium	88-1	4508.60	4811.33	4507.76	4609.23	3.80	ppb
Sulfur	34-1	450202.14	503154.90	476309.57	476555.53	5.56	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	50.05	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	37.81	ppb
Tin	118-1	3.88	4.35	3.90	4.05	6.62	ppb
Titanium	47-1	23.27	24.14	23.03	23.48	2.48	ppb
Uranium	238-1	1.76	1.86	1.73	1.78	3.97	ppb
Vanadium	51-2	2.88	3.14	3.18	3.07	5.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	12.80	11.08	11.49	11.79	7.64	ppb
Zirconium	90-1	0.37	0.40	0.36	0.38	6.13	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13DUP	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:03:09	DataFile Name :	055SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.48	0.35	0.38	0.40	16.59	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13LX5	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERL	Dilution Factor :	5
Date & Time Acquired ::	2017-09-12 16:06:21	DataFile Name :	056SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81.81	57.19	58.36	65.79	21.12	ppb
Antimony	121-1	0.35	0.39	0.37	0.37	5.94	ppb
Arsenic	75-2	0.35	0.55	0.57	0.49	24.86	ppb
Barium	135-1	2.84	3.00	3.01	2.95	3.28	ppb
Barium	137-1	2.91	3.01	2.92	2.95	1.83	ppb
Beryllium	9-1	-0.06	-0.07	-0.06	-0.07		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	492.63	485.79	487.97	488.80	0.71	ppb
Boron	11-1	509.20	509.45	506.71	508.45	0.30	ppb
Cadmium	111-1	-0.06	-0.01	0.03	-0.02		ppb
Cadmium	106-1	-1.05	-0.35	0.44	-0.32		ppb
Cadmium	108-1	0.06	0.17	0.10	0.11	47.24	ppb
Calcium	43-1	45620.78	46184.50	45759.85	45855.04	0.64	ppb
Calcium	44-1	46033.75	46650.01	46233.67	46305.81	0.68	ppb
Chromium	52-2	0.27	0.21	0.23	0.23	13.08	ppb
Cobalt	59-2	0.04	0.01	0.06	0.03	73.27	ppb
Copper	63-2	1.44	1.36	1.26	1.36	6.60	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	146.31	129.64	132.17	136.04	6.60	ppb
Iron	57-2	147.09	141.43	142.66	143.72	2.07	ppb
Lead	206-1	0.30	0.29	0.27	0.28	4.93	ppb
Lead	207-1	0.23	0.23	0.22	0.23	2.93	ppb
Lead	208-1	0.25	0.26	0.24	0.25	3.30	ppb
Lithium	6-1						%
Magnesium	24-2	154612.66	141948.10	144061.93	146874.23	4.62	ppb
Manganese	55-2	7.06	6.36	6.48	6.63	5.59	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13LX5	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERL	Dilution Factor :	5
Date & Time Acquired ::	2017-09-12 16:06:21	DataFile Name :	056SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.39	0.36	0.37	0.37	4.00	ppb
Molybdenum	95-1	1.01	1.06	1.12	1.06	5.10	ppb
Molybdenum	96-1	0.84	0.88	0.91	0.87	4.38	ppb
Molybdenum	97-1	1.03	1.13	0.98	1.05	6.87	ppb
Molybdenum	98-1	1.08	1.12	1.02	1.07	4.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.00	-0.06	0.05	282.33	ppb
Phosphorus	31-2	9.80	8.77	25.99	14.85	65.04	ppb
Potassium	39-2	48072.26	44161.41	45071.32	45768.33	4.47	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	-1.31	-1.31	-1.31		ppb
Selenium	78-2	1.06	1.57	-1.04	0.53	259.10	ppb
Selenium	82-1	7.57	6.23	6.03	6.61	12.69	ppb
Silicon	28-1	321.46	308.99	309.92	313.46	2.22	ppb
Silver	109-1	0.20	0.17	0.16	0.18	12.64	ppb
Silver	107-1	0.20	0.20	0.20	0.20	1.59	ppb
Sodium	23-2	1297654.72	1193407.85	1208800.11	1233287.56	4.56	ppb
Strontium	86-1	854.17	854.58	849.06	852.60	0.36	ppb
Strontium	88-1	845.73	847.28	850.37	847.79	0.28	ppb
Sulfur	34-1	88726.42	88748.55	88351.73	88608.90	0.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	-0.01		ppb
Tin	118-1	0.68	0.68	0.70	0.69	1.15	ppb
Titanium	47-1	3.96	4.45	3.89	4.10	7.43	ppb
Uranium	238-1	0.28	0.31	0.29	0.29	4.55	ppb
Vanadium	51-2	0.64	0.66	0.69	0.66	3.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.27	2.04	2.26	2.19	5.98	ppb
Zirconium	90-1	0.05	0.06	0.05	0.05	11.40	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13LX5	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERL	Dilution Factor :	5
Date & Time Acquired ::	2017-09-12 16:06:21	DataFile Name :	056SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.07	0.04	0.06	28.42	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:16:32	DataFile Name :	058CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48559.25	48684.99	49270.22	48838.15	0.78	ppb
Antimony	121-1	507.94	511.87	517.27	512.36	0.91	ppb
Arsenic	75-2	479.81	485.97	479.96	481.91	0.73	ppb
Barium	135-1	2541.66	2586.55	2594.94	2574.38	1.11	ppb
Barium	137-1	2535.49	2583.42	2582.97	2567.30	1.07	ppb
Beryllium	9-1	454.14	460.44	465.34	459.97	1.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	445.68	465.02	468.31	459.67	2.66	ppb
Boron	11-1	448.79	465.36	473.73	462.62	2.74	ppb
Cadmium	111-1	491.18	499.61	503.45	498.08	1.26	ppb
Cadmium	106-1	501.82	509.32	511.37	507.50	0.99	ppb
Cadmium	108-1	505.32	511.01	511.47	509.27	0.67	ppb
Calcium	43-1	240532.82	244129.87	245832.99	243498.56	1.11	ppb
Calcium	44-1	241103.40	243889.18	243952.67	242981.75	0.67	ppb
Chromium	52-2	501.89	510.04	515.98	509.30	1.39	ppb
Cobalt	59-2	488.96	492.71	499.95	493.87	1.13	ppb
Copper	63-2	972.79	972.88	994.65	980.11	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	121041.35	121581.49	123426.99	122016.61	1.03	ppb
Iron	57-2	122698.03	124537.47	125934.50	124390.00	1.30	ppb
Lead	206-1	506.90	513.42	510.99	510.43	0.65	ppb
Lead	207-1	499.13	504.39	502.60	502.04	0.53	ppb
Lead	208-1	506.72	510.00	511.55	509.42	0.48	ppb
Lithium	6-1						%
Magnesium	24-2	242786.04	245923.82	247958.61	245556.16	1.06	ppb
Manganese	55-2	1018.02	1024.03	1041.04	1027.69	1.16	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:16:32	DataFile Name :	058CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	487.91	501.16	494.84	494.64	1.34	ppb
Molybdenum	95-1	490.33	497.35	495.40	494.36	0.73	ppb
Molybdenum	96-1	491.32	499.69	493.64	494.88	0.87	ppb
Molybdenum	97-1	472.84	485.89	478.11	478.95	1.37	ppb
Molybdenum	98-1	485.44	496.95	499.89	494.09	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.23	489.20	494.62	488.68	1.27	ppb
Phosphorus	31-2	10581.53	10468.90	9515.41	10188.61	5.75	ppb
Potassium	39-2	124248.54	125990.13	126092.74	125443.80	0.83	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	543.73	462.00	527.18	510.97	8.46	ppb
Selenium	78-2	477.65	479.90	504.73	487.43	3.08	ppb
Selenium	82-1	491.84	491.16	496.88	493.29	0.63	ppb
Silicon	28-1	483.06	484.78	493.04	486.96	1.10	ppb
Silver	109-1	499.45	505.74	517.67	507.62	1.82	ppb
Silver	107-1	504.41	509.44	508.68	507.51	0.53	ppb
Sodium	23-2	248741.62	250571.64	252689.58	250667.61	0.79	ppb
Strontium	86-1	498.27	505.89	501.04	501.73	0.77	ppb
Strontium	88-1	502.57	511.36	510.07	508.00	0.93	ppb
Sulfur	34-1	9448.42	9672.20	9574.21	9564.94	1.17	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	508.64	520.07	510.25	512.99	1.21	ppb
Thallium	205-1	500.15	503.44	505.25	502.95	0.51	ppb
Tin	118-1	512.06	522.96	523.97	519.66	1.27	ppb
Titanium	47-1	491.03	495.99	498.95	495.32	0.81	ppb
Uranium	238-1	497.65	498.82	497.25	497.90	0.16	ppb
Vanadium	51-2	505.14	510.18	515.01	510.11	0.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	974.59	977.20	993.14	981.64	1.02	ppb
Zirconium	90-1	486.68	497.63	492.74	492.35	1.11	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:16:32	DataFile Name :	058CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	488.10	494.55	485.96	489.54	0.91	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:22:44	DataFile Name :	059CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.46	0.06	0.03	0.85	164.32	ppb
Antimony	121-1	0.16	0.14	0.13	0.14	10.30	ppb
Arsenic	75-2	-0.02	0.01	0.03	0.01	393.76	ppb
Barium	135-1	-0.05	-0.04	-0.04	-0.04		ppb
Barium	137-1	0.00	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.07	0.01	0.02	0.03	105.21	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	16.65	16.68	18.00	17.11	4.50	ppb
Boron	11-1	16.91	16.90	16.42	16.74	1.67	ppb
Cadmium	111-1	-0.20	-0.07	-0.17	-0.15		ppb
Cadmium	106-1	-2.87	-1.10	-2.43	-2.13		ppb
Cadmium	108-1	0.09	0.06	-0.03	0.04	173.69	ppb
Calcium	43-1	-9.82	-13.00	-16.31	-13.04		ppb
Calcium	44-1	-4.47	-4.29	-7.58	-5.44		ppb
Chromium	52-2	-0.14	-0.14	-0.04	-0.10		ppb
Cobalt	59-2	-0.03	-0.03	-0.02	-0.03		ppb
Copper	63-2	0.01	0.10	0.09	0.06	73.45	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	0.56	0.50	0.35	0.47	22.90	ppb
Iron	57-2	-2.12	-0.98	1.13	-0.66		ppb
Lead	206-1	0.01	0.00	0.02	0.01	103.57	ppb
Lead	207-1	-0.02	0.00	0.01	0.00		ppb
Lead	208-1	0.01	0.00	0.01	0.01	68.89	ppb
Lithium	6-1						%
Magnesium	24-2	0.34	1.32	1.22	0.96	56.00	ppb
Manganese	55-2	-0.11	-0.11	-0.09	-0.10		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:22:44	DataFile Name :	059CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.01	0.01	0.01	26.45	ppb
Molybdenum	95-1	-0.01	-0.01	-0.03	-0.01		ppb
Molybdenum	96-1	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	97-1	0.01	0.03	0.06	0.03	80.06	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.17	-0.21	-0.21		ppb
Phosphorus	31-2	42.69	8.95	-8.47	14.39	180.78	ppb
Potassium	39-2	35.04	43.61	38.14	38.93	11.16	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	2.67	-1.31	0.01	16110.88	ppb
Selenium	78-2	0.85	1.48	0.86	1.06	33.74	ppb
Selenium	82-1	0.27	0.85	-0.52	0.20	339.59	ppb
Silicon	28-1	-23.92	-23.72	-24.01	-23.88		ppb
Silver	109-1	0.05	0.05	0.04	0.04	14.35	ppb
Silver	107-1	0.03	0.05	0.03	0.04	34.18	ppb
Sodium	23-2	323.79	330.71	305.57	320.02	4.06	ppb
Strontium	86-1	-0.01	-0.03	-0.05	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	146.53	ppb
Sulfur	34-1	-527.80	-443.27	-780.25	-583.78		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.03	0.03	11.44	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	20.37	ppb
Tin	118-1	0.07	0.04	0.06	0.05	22.61	ppb
Titanium	47-1	-0.05	0.02	-0.03	-0.02		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	-0.01	-0.02	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.15	0.12	0.25	0.17	38.21	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	2.86	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:22:44	DataFile Name :	059CCBE_P8091217- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.01	53.01	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13MS Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERM Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 16:43:41 DataFile Name : 062SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9537.80	9561.61	10987.44	10028.95	8.28	ppb
Antimony	121-1	539.40	542.78	544.05	542.08	0.44	ppb
Arsenic	75-2	507.36	499.70	560.25	522.44	6.31	ppb
Barium	135-1	2482.48	2495.51	2470.50	2482.83	0.50	ppb
Barium	137-1	2461.32	2455.88	2454.21	2457.14	0.15	ppb
Beryllium	9-1	460.57	458.36	463.69	460.87	0.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2772.38	2801.82	2819.90	2798.03	0.86	ppb
Boron	11-1	2960.99	2932.32	2961.47	2951.59	0.57	ppb
Cadmium	111-1	505.55	505.12	502.43	504.37	0.34	ppb
Cadmium	106-1	523.40	522.55	515.72	520.56	0.81	ppb
Cadmium	108-1	505.61	522.88	505.85	511.45	1.94	ppb
Calcium	43-1	280580.69	280476.36	286698.26	282585.11	1.26	ppb
Calcium	44-1	279586.04	275494.12	287757.53	280945.89	2.22	ppb
Chromium	52-2	503.69	494.75	557.59	518.68	6.55	ppb
Cobalt	59-2	473.08	460.47	521.87	485.14	6.68	ppb
Copper	63-2	841.15	825.55	928.83	865.18	6.44	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	22937.21	22261.59	25270.37	23489.72	6.72	ppb
Iron	57-2	22535.94	22117.52	24992.20	23215.22	6.69	ppb
Lead	206-1	523.67	528.68	507.44	519.93	2.14	ppb
Lead	207-1	503.26	506.29	502.73	504.09	0.38	ppb
Lead	208-1	519.47	526.87	518.96	521.77	0.85	ppb
Lithium	6-1						%
Magnesium	24-2	758615.28	741545.14	839209.04	779789.82	6.69	ppb
Manganese	55-2	966.29	953.02	1083.00	1000.77	7.15	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13MS	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERM	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:43:41	DataFile Name :	062SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	500.94	495.29	494.51	496.91	0.71	ppb
Molybdenum	95-1	463.03	470.09	471.61	468.24	0.98	ppb
Molybdenum	96-1	468.92	475.20	477.43	473.85	0.93	ppb
Molybdenum	97-1	450.48	453.71	453.67	452.62	0.41	ppb
Molybdenum	98-1	466.10	469.55	467.63	467.76	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.38	453.57	515.37	477.44	6.96	ppb
Phosphorus	31-2	88.88	124.87	249.23	154.32	54.52	ppb
Potassium	39-2	253517.62	246137.76	282449.20	260701.52	7.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	496.82	428.69	676.98	534.16	24.02	ppb
Selenium	78-2	543.72	496.82	537.53	526.02	4.84	ppb
Selenium	82-1	519.30	514.41	519.17	517.62	0.54	ppb
Silicon	28-1	2788.17	2522.47	2607.94	2639.53	5.14	ppb
Silver	109-1	479.96	487.16	483.84	483.65	0.75	ppb
Silver	107-1	484.55	485.79	484.73	485.03	0.14	ppb
Sodium	23-2	6097315.13	5999622.58	6717015.66	6271317.79	6.20	ppb
Strontium	86-1	4219.90	4290.07	4328.52	4279.50	1.29	ppb
Strontium	88-1	4297.94	4281.57	4406.44	4328.65	1.57	ppb
Sulfur	34-1	436898.67	437239.58	445225.87	439788.04	1.07	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	541.28	547.21	538.25	542.25	0.84	ppb
Thallium	205-1	539.60	537.00	536.58	537.73	0.30	ppb
Tin	118-1	479.56	481.02	473.87	478.15	0.79	ppb
Titanium	47-1	483.61	486.41	494.82	488.28	1.19	ppb
Uranium	238-1	521.06	525.10	525.21	523.79	0.45	ppb
Vanadium	51-2	506.39	494.90	565.24	522.18	7.23	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	844.63	827.45	937.27	869.78	6.79	ppb
Zirconium	90-1	509.79	505.16	627.48	547.48	12.66	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13MS	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERM	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:43:41	DataFile Name :	062SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.51	498.19	502.34	499.01	0.60	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13MSD Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERM Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 16:46:45 DataFile Name : 063SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9255.13	10098.47	10445.00	9932.87	6.16	ppb
Antimony	121-1	549.40	549.57	544.21	547.73	0.56	ppb
Arsenic	75-2	506.54	543.76	533.53	527.95	3.64	ppb
Barium	135-1	2493.29	2503.70	2501.14	2499.38	0.22	ppb
Barium	137-1	2479.98	2464.54	2451.40	2465.31	0.58	ppb
Beryllium	9-1	457.54	463.30	461.22	460.68	0.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2802.56	2824.36	2877.91	2834.95	1.37	ppb
Boron	11-1	2941.13	2979.41	3023.98	2981.51	1.39	ppb
Cadmium	111-1	508.74	512.30	512.95	511.33	0.44	ppb
Cadmium	106-1	530.54	536.85	522.51	529.96	1.36	ppb
Cadmium	108-1	518.09	516.87	528.08	521.01	1.18	ppb
Calcium	43-1	282154.27	284129.30	285332.10	283871.89	0.57	ppb
Calcium	44-1	279652.00	282831.87	281499.58	281327.82	0.57	ppb
Chromium	52-2	493.13	528.39	537.67	519.73	4.52	ppb
Cobalt	59-2	459.63	491.88	496.01	482.51	4.13	ppb
Copper	63-2	813.17	876.55	885.50	858.41	4.59	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	22173.75	23914.92	24322.01	23470.22	4.86	ppb
Iron	57-2	22218.72	23789.18	23795.28	23267.73	3.90	ppb
Lead	206-1	521.87	538.65	540.39	533.64	1.92	ppb
Lead	207-1	513.74	512.54	517.50	514.59	0.50	ppb
Lead	208-1	528.79	529.89	536.51	531.73	0.79	ppb
Lithium	6-1						%
Magnesium	24-2	752635.97	803281.87	813457.12	789791.65	4.12	ppb
Manganese	55-2	955.26	1024.70	1040.13	1006.70	4.49	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13MSD	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERM	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:46:45	DataFile Name :	063SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.80	496.80	495.01	496.20	0.21	ppb
Molybdenum	95-1	464.83	449.05	464.06	459.31	1.94	ppb
Molybdenum	96-1	473.57	472.08	474.95	473.53	0.30	ppb
Molybdenum	97-1	448.25	447.22	448.31	447.93	0.14	ppb
Molybdenum	98-1	463.91	462.39	464.39	463.56	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	453.47	484.63	487.04	475.05	3.94	ppb
Phosphorus	31-2	82.24	151.50	52.15	95.30	53.46	ppb
Potassium	39-2	251170.25	268776.46	270446.10	263464.27	4.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	522.20	587.09	605.29	571.53	7.64	ppb
Selenium	78-2	526.34	533.79	545.36	535.16	1.79	ppb
Selenium	82-1	516.02	508.28	510.48	511.59	0.78	ppb
Silicon	28-1	2468.40	2554.30	2514.24	2512.31	1.71	ppb
Silver	109-1	489.42	491.80	491.52	490.91	0.26	ppb
Silver	107-1	492.76	491.22	494.63	492.87	0.35	ppb
Sodium	23-2	6015495.47	6467640.73	6540316.73	6341150.98	4.48	ppb
Strontium	86-1	4206.49	4253.25	4255.61	4238.45	0.65	ppb
Strontium	88-1	4332.00	4297.07	4325.33	4318.14	0.43	ppb
Sulfur	34-1	437990.30	440638.62	441207.99	439945.63	0.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	565.06	563.08	553.16	560.44	1.14	ppb
Thallium	205-1	550.15	558.46	555.48	554.70	0.76	ppb
Tin	118-1	479.05	485.45	479.97	481.49	0.72	ppb
Titanium	47-1	492.53	494.54	488.30	491.79	0.65	ppb
Uranium	238-1	532.97	533.66	529.72	532.12	0.39	ppb
Vanadium	51-2	502.39	533.15	539.40	524.98	3.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	825.15	872.55	892.37	863.36	4.00	ppb
Zirconium	90-1	503.10	510.17	508.11	507.13	0.72	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13MSD	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERM	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:46:45	DataFile Name :	063SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.00	494.55	497.99	496.85	0.40	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13A Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERA Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 16:49:50 DataFile Name : 064SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9188.85	9576.90	9358.37	9374.71	2.08	ppb
Antimony	121-1	560.98	553.21	562.71	558.97	0.91	ppb
Arsenic	75-2	507.08	514.95	510.64	510.89	0.77	ppb
Barium	135-1	2563.29	2537.97	2530.31	2543.86	0.68	ppb
Barium	137-1	2548.95	2529.81	2478.45	2519.07	1.45	ppb
Beryllium	9-1	464.74	464.11	459.18	462.68	0.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2824.77	2864.74	2851.61	2847.04	0.72	ppb
Boron	11-1	3005.92	3006.91	2994.96	3002.59	0.22	ppb
Cadmium	111-1	518.81	516.30	521.21	518.77	0.47	ppb
Cadmium	106-1	540.71	535.07	526.30	534.03	1.36	ppb
Cadmium	108-1	530.77	524.27	533.08	529.38	0.86	ppb
Calcium	43-1	283640.05	280868.82	285301.39	283270.09	0.79	ppb
Calcium	44-1	284148.15	280004.05	282604.57	282252.26	0.74	ppb
Chromium	52-2	501.63	498.87	492.44	497.65	0.95	ppb
Cobalt	59-2	468.62	463.06	459.41	463.69	1.00	ppb
Copper	63-2	830.99	833.27	814.11	826.12	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	22705.58	22556.77	22260.56	22507.64	1.01	ppb
Iron	57-2	22525.51	22199.28	21991.01	22238.60	1.21	ppb
Lead	206-1	531.29	534.38	532.58	532.75	0.29	ppb
Lead	207-1	518.52	526.31	512.41	519.08	1.34	ppb
Lead	208-1	534.36	538.25	526.26	532.96	1.15	ppb
Lithium	6-1						%
Magnesium	24-2	757056.44	759914.28	744703.65	753891.46	1.07	ppb
Manganese	55-2	971.01	963.09	949.48	961.19	1.13	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13A	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:49:50	DataFile Name :	064SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	504.76	499.56	506.13	503.48	0.69	ppb
Molybdenum	95-1	460.40	470.95	464.09	465.15	1.15	ppb
Molybdenum	96-1	470.96	477.42	480.80	476.40	1.05	ppb
Molybdenum	97-1	451.67	449.55	455.46	452.23	0.66	ppb
Molybdenum	98-1	464.10	463.72	475.57	467.80	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	459.78	462.81	453.53	458.71	1.03	ppb
Phosphorus	31-2	179.30	66.20	28.08	91.19	86.25	ppb
Potassium	39-2	253656.83	254614.60	250134.72	252802.05	0.93	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	587.32	554.78	527.89	556.66	5.35	ppb
Selenium	78-2	506.77	531.27	499.21	512.42	3.27	ppb
Selenium	82-1	513.82	513.28	518.54	515.22	0.56	ppb
Silicon	28-1	2735.24	2535.18	3290.11	2853.51	13.71	ppb
Silver	109-1	508.04	508.89	504.46	507.13	0.46	ppb
Silver	107-1	515.29	502.75	501.27	506.43	1.52	ppb
Sodium	23-2	6072703.71	6095485.27	5961884.57	6043357.85	1.18	ppb
Strontium	86-1	4328.50	4253.62	4285.42	4289.18	0.88	ppb
Strontium	88-1	4372.78	4325.74	4307.02	4335.18	0.78	ppb
Sulfur	34-1	445743.70	435553.46	440679.11	440658.76	1.16	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	568.37	579.13	553.16	566.89	2.30	ppb
Thallium	205-1	559.77	567.50	548.18	558.48	1.74	ppb
Tin	118-1	492.37	487.68	499.88	493.31	1.25	ppb
Titanium	47-1	504.78	490.74	504.81	500.11	1.62	ppb
Uranium	238-1	536.58	539.79	532.51	536.29	0.68	ppb
Vanadium	51-2	503.76	499.84	493.04	498.88	1.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	832.83	841.52	819.69	831.34	1.32	ppb
Zirconium	90-1	511.42	513.48	514.60	513.17	0.31	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13A	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:49:50	DataFile Name :	064SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	500.60	502.34	505.46	502.80	0.49	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-14	Instrumnet Name :	P8
Client Sample ID :	20170585-SITEWATER	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:52:53	DataFile Name :	065SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	364.05	330.92	371.98	355.65	6.12	ppb
Antimony	121-1	2.10	2.21	2.17	2.16	2.64	ppb
Arsenic	75-2	3.74	2.89	3.51	3.38	12.99	ppb
Barium	135-1	15.98	15.32	15.96	15.75	2.39	ppb
Barium	137-1	15.71	14.68	20.46	16.95	18.16	ppb
Beryllium	9-1	0.18	0.28	0.18	0.21	28.61	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	3006.53	3044.98	3075.82	3042.44	1.14	ppb
Boron	11-1	3215.65	3198.30	3256.98	3223.65	0.94	ppb
Cadmium	111-1	0.04	-0.01	0.03	0.02	125.61	ppb
Cadmium	106-1	-0.80	-0.97	-0.21	-0.66		ppb
Cadmium	108-1	0.55	0.21	0.06	0.27	91.69	ppb
Calcium	43-1	302670.38	296886.49	295347.09	298301.32	1.29	ppb
Calcium	44-1	299128.89	295332.58	292350.46	295603.98	1.15	ppb
Chromium	52-2	2.55	2.38	2.59	2.51	4.40	ppb
Cobalt	59-2	0.37	0.32	0.29	0.33	12.40	ppb
Copper	63-2	3.68	3.72	3.39	3.60	4.91	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	713.08	730.88	682.64	708.87	3.44	ppb
Iron	57-2	688.91	735.78	665.08	696.59	5.16	ppb
Lead	206-1	1.56	1.68	1.60	1.61	3.77	ppb
Lead	207-1	1.46	1.57	1.51	1.52	3.65	ppb
Lead	208-1	1.57	1.61	1.56	1.58	1.79	ppb
Lithium	6-1						%
Magnesium	24-2	923053.83	954001.95	890855.46	922637.08	3.42	ppb
Manganese	55-2	32.89	34.23	30.86	32.66	5.19	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-14	Instrumnet Name :	P8
Client Sample ID :	20170585-SITEWATER	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:52:53	DataFile Name :	065SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.46	2.38	2.43	2.43	1.70	ppb
Molybdenum	95-1	6.93	7.07	6.96	6.99	1.05	ppb
Molybdenum	96-1	6.03	5.78	5.67	5.82	3.13	ppb
Molybdenum	97-1	7.25	7.21	7.23	7.23	0.28	ppb
Molybdenum	98-1	6.92	6.90	6.87	6.90	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.72	3.01	2.39	2.71	11.32	ppb
Phosphorus	31-2	104.99	50.85	47.61	67.82	47.53	ppb
Potassium	39-2	300281.77	311287.27	288417.60	299995.55	3.81	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	3.65	8.76	3.60	5.34	55.61	ppb
Selenium	78-2	1.31	0.55	3.60	1.82	87.37	ppb
Selenium	82-1	18.51	18.44	19.07	18.67	1.85	ppb
Silicon	28-1	1534.33	1558.57	1522.19	1538.36	1.20	ppb
Silver	109-1	0.58	0.55	0.52	0.55	5.53	ppb
Silver	107-1	0.56	0.52	0.57	0.55	4.25	ppb
Sodium	23-2	7866277.46	8141439.36	7554892.75	7854203.19	3.74	ppb
Strontium	86-1	5409.88	5368.62	5378.45	5385.65	0.40	ppb
Strontium	88-1	5454.58	5419.80	5477.46	5450.61	0.53	ppb
Sulfur	34-1	578097.87	566753.73	564414.13	569755.24	1.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.08	0.07	0.07	5.11	ppb
Thallium	205-1	0.07	0.08	0.08	0.08	4.86	ppb
Tin	118-1	7.12	6.87	6.80	6.93	2.40	ppb
Titanium	47-1	24.91	26.20	24.08	25.06	4.27	ppb
Uranium	238-1	1.96	1.89	2.03	1.96	3.49	ppb
Vanadium	51-2	3.15	2.92	3.13	3.07	4.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	9.98	11.41	9.35	10.25	10.29	ppb
Zirconium	90-1	0.48	0.47	0.49	0.48	2.52	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-14	Instrumnet Name :	P8
Client Sample ID :	20170585-SITEWATER	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:52:53	DataFile Name :	065SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.51	0.54	0.50	0.51	4.69	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13DLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERD	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 16:56:06	DataFile Name :	066SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.02	17.59	2.97	10.52	69.61	ppb
Antimony	121-1	0.14	0.13	0.14	0.14	4.79	ppb
Arsenic	75-2	0.04	0.16	0.12	0.11	60.09	ppb
Barium	135-1	0.58	0.60	0.50	0.56	9.77	ppb
Barium	137-1	0.69	0.60	0.61	0.63	7.52	ppb
Beryllium	9-1	0.06	0.01	0.04	0.04	62.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	143.04	133.17	139.31	138.51	3.60	ppb
Boron	11-1	147.11	137.75	141.39	142.08	3.32	ppb
Cadmium	111-1	-0.03	0.00	0.06	0.01	390.52	ppb
Cadmium	106-1	-0.42	0.14	0.81	0.18	350.86	ppb
Cadmium	108-1	0.07	0.15	0.11	0.11	32.64	ppb
Calcium	43-1	9339.55	9342.47	9392.18	9358.06	0.32	ppb
Calcium	44-1	9560.33	9635.22	9468.56	9554.70	0.87	ppb
Chromium	52-2	-0.01	-0.14	0.02	-0.04		ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.02		ppb
Copper	63-2	0.31	0.31	0.33	0.32	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	27.48	25.83	25.75	26.35	3.70	ppb
Iron	57-2	23.85	22.44	22.25	22.85	3.83	ppb
Lead	206-1	0.05	0.02	0.06	0.04	46.68	ppb
Lead	207-1	0.01	0.04	0.00	0.02	104.69	ppb
Lead	208-1	0.02	0.02	0.02	0.02	5.91	ppb
Lithium	6-1						%
Magnesium	24-2	31219.03	27864.39	28602.37	29228.60	6.03	ppb
Manganese	55-2	0.95	0.88	1.31	1.05	22.05	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13DLX25 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERD Dilution Factor : 25
 Date & Time Acquired :: 2017-09-12 16:56:06 DataFile Name : 066SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.07	0.07	0.07	7.80	ppb
Molybdenum	95-1	0.18	0.21	0.22	0.20	10.54	ppb
Molybdenum	96-1	0.14	0.18	0.18	0.17	12.66	ppb
Molybdenum	97-1	0.25	0.28	0.31	0.28	10.96	ppb
Molybdenum	98-1	0.25	0.19	0.21	0.21	14.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.25	-0.21	-0.18	-0.21		ppb
Phosphorus	31-2	7.10	6.17	21.63	11.63	74.53	ppb
Potassium	39-2	9621.62	9010.73	9216.87	9283.07	3.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	-1.31	2.38	-0.08		ppb
Selenium	78-2	1.94	3.57	-0.45	1.69	120.18	ppb
Selenium	82-1	2.25	2.24	2.58	2.36	8.31	ppb
Silicon	28-1	59.02	62.39	59.14	60.18	3.18	ppb
Silver	109-1	0.08	0.07	0.06	0.07	11.02	ppb
Silver	107-1	0.05	0.05	0.06	0.05	7.30	ppb
Sodium	23-2	255853.88	237417.97	242392.12	245221.32	3.89	ppb
Strontium	86-1	165.91	171.44	166.81	168.05	1.76	ppb
Strontium	88-1	171.94	173.64	175.62	173.73	1.06	ppb
Sulfur	34-1	22439.23	22882.78	22368.89	22563.63	1.23	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.02	0.01	79.72	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	22.40	ppb
Tin	118-1	0.15	0.20	0.16	0.17	16.31	ppb
Titanium	47-1	0.91	0.78	0.88	0.86	7.91	ppb
Uranium	238-1	0.05	0.03	0.05	0.04	24.88	ppb
Vanadium	51-2	0.15	0.12	0.12	0.13	14.29	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.61	0.80	0.56	0.66	19.16	ppb
Zirconium	90-1	0.01	0.03	0.01	0.02	48.37	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13DLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERD	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 16:56:06	DataFile Name :	066SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.01	0.01	118.30	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13DUPDLX25 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERD Dilution Factor : 25
 Date & Time Acquired :: 2017-09-12 16:59:14 DataFile Name : 067SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.70	14.77	13.07	10.51	56.71	ppb
Antimony	121-1	0.08	0.08	0.09	0.08	4.43	ppb
Arsenic	75-2	0.06	0.23	0.08	0.12	74.25	ppb
Barium	135-1	0.61	0.55	0.58	0.58	5.19	ppb
Barium	137-1	0.60	0.71	0.61	0.64	9.15	ppb
Beryllium	9-1	0.00	0.02	-0.02	0.00	10038.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	122.79	122.32	122.32	122.48	0.22	ppb
Boron	11-1	128.14	127.24	123.59	126.32	1.91	ppb
Cadmium	111-1	0.07	-0.13	-0.10	-0.05		ppb
Cadmium	106-1	1.10	-1.84	-1.39	-0.71		ppb
Cadmium	108-1	0.00	0.07	0.11	0.06	89.72	ppb
Calcium	43-1	9751.21	9688.53	9709.47	9716.40	0.33	ppb
Calcium	44-1	9952.80	9880.19	9864.71	9899.23	0.48	ppb
Chromium	52-2	-0.04	-0.05	-0.06	-0.05		ppb
Cobalt	59-2	-0.01	-0.02	0.00	-0.01		ppb
Copper	63-2	0.27	0.23	0.22	0.24	11.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27.20	27.68	28.12	27.67	1.66	ppb
Iron	57-2	25.89	27.29	27.38	26.85	3.13	ppb
Lead	206-1	0.05	0.02	0.05	0.04	49.83	ppb
Lead	207-1	0.03	0.00	0.02	0.02	109.19	ppb
Lead	208-1	0.03	0.01	0.03	0.02	39.66	ppb
Lithium	6-1						%
Magnesium	24-2	29975.36	30014.07	29657.32	29882.25	0.66	ppb
Manganese	55-2	1.20	1.00	1.18	1.13	9.99	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERD	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 16:59:14	DataFile Name :	067SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.06	0.06	0.06	10.35	ppb
Molybdenum	95-1	0.21	0.16	0.24	0.20	20.08	ppb
Molybdenum	96-1	0.15	0.14	0.13	0.14	6.94	ppb
Molybdenum	97-1	0.35	0.27	0.31	0.31	12.94	ppb
Molybdenum	98-1	0.22	0.21	0.20	0.21	4.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.26	-0.24	-0.24		ppb
Phosphorus	31-2	8.60	-8.47	8.10	2.74	354.42	ppb
Potassium	39-2	9881.22	9657.53	9485.51	9674.75	2.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.84	-1.31	2.78	1.44	165.78	ppb
Selenium	78-2	1.58	-0.38	0.25	0.49	205.79	ppb
Selenium	82-1	2.16	1.09	2.48	1.91	38.14	ppb
Silicon	28-1	77.45	60.92	71.10	69.83	11.94	ppb
Silver	109-1	0.04	0.06	0.04	0.05	24.82	ppb
Silver	107-1	0.07	0.07	0.04	0.06	22.24	ppb
Sodium	23-2	253960.71	254217.20	249776.55	252651.49	0.99	ppb
Strontium	86-1	175.61	175.06	173.36	174.68	0.67	ppb
Strontium	88-1	179.98	181.59	178.66	180.08	0.81	ppb
Sulfur	34-1	23609.67	23426.72	23713.40	23583.26	0.62	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.02	0.01	0.01	63.65	ppb
Thallium	205-1	0.02	0.00	0.00	0.01	96.08	ppb
Tin	118-1	0.17	0.12	0.09	0.13	29.64	ppb
Titanium	47-1	0.84	0.81	0.92	0.86	6.45	ppb
Uranium	238-1	0.05	0.04	0.05	0.05	6.46	ppb
Vanadium	51-2	0.16	0.10	0.09	0.12	32.49	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.48	0.68	0.65	0.60	17.55	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	44.06	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERD	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 16:59:14	DataFile Name :	067SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.00	0.01	141.41	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13LDLX125 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERLI Dilution Factor : 125
 Date & Time Acquired :: 2017-09-12 17:02:23 DataFile Name : 068SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.02	-1.32	5.72	1.81	198.50	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	12.56	ppb
Arsenic	75-2	0.07	-0.01	0.01	0.02	163.81	ppb
Barium	135-1	0.10	0.07	0.12	0.10	26.47	ppb
Barium	137-1	0.10	0.11	0.10	0.10	7.63	ppb
Beryllium	9-1	0.00	-0.01	-0.04	-0.02		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	46.14	43.21	40.88	43.41	6.08	ppb
Boron	11-1	45.27	46.66	43.89	45.27	3.06	ppb
Cadmium	111-1	-0.15	-0.09	-0.06	-0.10		ppb
Cadmium	106-1	-2.14	-1.22	-0.79	-1.38		ppb
Cadmium	108-1	0.04	0.07	0.04	0.05	40.25	ppb
Calcium	43-1	1810.56	1756.71	1742.99	1770.09	2.02	ppb
Calcium	44-1	1788.46	1786.89	1761.74	1779.03	0.84	ppb
Chromium	52-2	-0.07	-0.04	-0.08	-0.07		ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.10	0.12	0.13	0.12	14.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4.32	3.85	4.75	4.31	10.51	ppb
Iron	57-2	2.73	4.24	1.12	2.70	57.88	ppb
Lead	206-1	0.00	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.01	0.00	-0.02	-0.01		ppb
Lead	208-1	-0.01	0.00	-0.01	-0.01		ppb
Lithium	6-1						%
Magnesium	24-2	5503.84	5378.70	5512.83	5465.12	1.37	ppb
Manganese	55-2	-0.05	0.07	0.08	0.03	226.31	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13LDLX125 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERLI Dilution Factor : 125
 Date & Time Acquired :: 2017-09-12 17:02:23 DataFile Name : 068SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.01	0.01	0.01	48.65	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	40.48	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	30.98	ppb
Molybdenum	97-1	0.10	0.07	0.06	0.08	20.91	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.02	34.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.23	-0.31	-0.26		ppb
Phosphorus	31-2	-8.47	-8.47	-8.47	-8.47		ppb
Potassium	39-2	1915.55	1825.01	1874.85	1871.80	2.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	-1.31	2.61	-0.01		ppb
Selenium	78-2	-0.42	-0.43	0.82	-0.01		ppb
Selenium	82-1	0.09	0.90	0.90	0.63	74.50	ppb
Silicon	28-1	-1.09	-1.37	0.84	-0.54		ppb
Silver	109-1	0.03	0.03	0.03	0.03	11.69	ppb
Silver	107-1	0.03	0.03	0.03	0.03	15.36	ppb
Sodium	23-2	48378.87	46963.24	48750.63	48030.91	1.96	ppb
Strontium	86-1	32.11	31.42	31.58	31.70	1.13	ppb
Strontium	88-1	32.14	32.12	32.51	32.26	0.68	ppb
Sulfur	34-1	4992.35	4999.51	5095.34	5029.07	1.14	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	-0.01	0.00	2353.85	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	95.25	ppb
Tin	118-1	0.07	0.05	0.05	0.06	21.44	ppb
Titanium	47-1	0.22	0.22	0.22	0.22	0.59	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.05	0.03	0.03	86.53	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.33	0.44	0.11	0.29	57.56	ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	140.49	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13LDLX125	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERL	Dilution Factor :	125
Date & Time Acquired ::	2017-09-12 17:02:23	DataFile Name :	068SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.00	0.00	2111.33	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13MSDLX25 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERM Dilution Factor : 25
 Date & Time Acquired :: 2017-09-12 17:12:05 DataFile Name : 070SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	376.35	389.68	382.36	382.80	1.74	ppb
Antimony	121-1	20.66	20.77	21.03	20.82	0.90	ppb
Arsenic	75-2	19.17	18.87	18.42	18.82	1.98	ppb
Barium	135-1	92.57	94.62	93.58	93.59	1.09	ppb
Barium	137-1	93.10	93.72	92.90	93.24	0.46	ppb
Beryllium	9-1	17.20	17.58	17.56	17.45	1.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	199.68	204.37	204.49	202.85	1.35	ppb
Boron	11-1	201.03	209.68	210.75	207.15	2.57	ppb
Cadmium	111-1	20.51	20.75	20.17	20.48	1.42	ppb
Cadmium	106-1	19.63	18.94	18.02	18.87	4.28	ppb
Cadmium	108-1	20.94	22.15	21.37	21.49	2.86	ppb
Calcium	43-1	19931.19	19874.31	19783.59	19863.03	0.37	ppb
Calcium	44-1	20038.02	19783.42	19873.90	19898.45	0.65	ppb
Chromium	52-2	19.81	19.41	18.70	19.31	2.92	ppb
Cobalt	59-2	18.66	19.09	18.88	18.88	1.15	ppb
Copper	63-2	33.91	34.60	33.62	34.04	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	923.28	921.35	903.47	916.03	1.19	ppb
Iron	57-2	900.97	876.13	871.33	882.81	1.80	ppb
Lead	206-1	19.18	19.40	19.02	19.20	0.97	ppb
Lead	207-1	18.77	18.65	18.90	18.77	0.67	ppb
Lead	208-1	19.06	18.90	19.07	19.01	0.52	ppb
Lithium	6-1						%
Magnesium	24-2	59467.61	59077.24	57564.40	58703.08	1.71	ppb
Manganese	55-2	39.84	38.62	39.37	39.28	1.57	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13MSDLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERM	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 17:12:05	DataFile Name :	070SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	17.86	17.90	17.79	17.85	0.30	ppb
Molybdenum	95-1	17.04	16.88	17.32	17.08	1.31	ppb
Molybdenum	96-1	17.62	17.06	17.39	17.36	1.60	ppb
Molybdenum	97-1	17.49	17.06	17.37	17.31	1.27	ppb
Molybdenum	98-1	16.83	17.16	17.28	17.09	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.90	18.41	18.02	18.44	2.41	ppb
Phosphorus	31-2	-8.47	-8.47	-8.47	-8.47		ppb
Potassium	39-2	18775.64	18576.03	18324.43	18558.70	1.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	14.67	34.26	22.35	23.76	41.56	ppb
Selenium	78-2	24.11	19.49	21.92	21.84	10.60	ppb
Selenium	82-1	20.84	21.96	21.32	21.37	2.63	ppb
Silicon	28-1	155.53	173.34	209.31	179.39	15.27	ppb
Silver	109-1	19.19	19.54	19.23	19.32	1.00	ppb
Silver	107-1	19.38	19.46	19.42	19.42	0.22	ppb
Sodium	23-2	474599.61	474256.89	461913.04	470256.52	1.54	ppb
Strontium	86-1	325.21	325.91	322.68	324.60	0.52	ppb
Strontium	88-1	330.74	331.45	329.07	330.42	0.37	ppb
Sulfur	34-1	37719.95	36592.25	36698.92	37003.71	1.68	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.86	19.55	19.66	19.69	0.79	ppb
Thallium	205-1	19.82	19.47	19.47	19.59	1.04	ppb
Tin	118-1	18.56	18.85	19.01	18.81	1.22	ppb
Titanium	47-1	19.75	18.66	19.84	19.42	3.37	ppb
Uranium	238-1	18.37	18.47	18.45	18.43	0.26	ppb
Vanadium	51-2	19.70	19.59	19.35	19.55	0.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	36.17	36.22	36.98	36.46	1.25	ppb
Zirconium	90-1	18.43	18.58	18.41	18.47	0.52	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13MSDLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERM	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 17:12:05	DataFile Name :	070SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	18.31	18.39	18.35	18.35	0.23	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13MSDDLX25 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERM Dilution Factor : 25
 Date & Time Acquired :: 2017-09-12 17:15:13 DataFile Name : 071SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	382.22	345.48	399.49	375.73	7.34	ppb
Antimony	121-1	21.40	21.35	21.17	21.31	0.58	ppb
Arsenic	75-2	20.14	19.78	18.89	19.60	3.28	ppb
Barium	135-1	96.33	95.91	96.69	96.31	0.40	ppb
Barium	137-1	95.42	94.29	95.13	94.95	0.62	ppb
Beryllium	9-1	17.98	18.15	17.91	18.01	0.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	198.59	204.91	208.46	203.99	2.45	ppb
Boron	11-1	208.10	211.55	223.11	214.25	3.67	ppb
Cadmium	111-1	20.71	20.62	21.44	20.92	2.17	ppb
Cadmium	106-1	18.41	20.89	21.11	20.13	7.44	ppb
Cadmium	108-1	21.08	21.48	20.28	20.95	2.92	ppb
Calcium	43-1	20214.26	20656.91	20406.84	20426.00	1.09	ppb
Calcium	44-1	20514.25	20633.86	20566.71	20571.61	0.29	ppb
Chromium	52-2	19.76	19.99	19.53	19.76	1.16	ppb
Cobalt	59-2	19.13	19.25	19.38	19.25	0.63	ppb
Copper	63-2	35.68	35.35	35.41	35.48	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	945.59	941.58	943.55	943.57	0.21	ppb
Iron	57-2	930.79	933.95	968.97	944.57	2.24	ppb
Lead	206-1	19.55	19.10	20.00	19.55	2.31	ppb
Lead	207-1	19.11	19.14	18.98	19.08	0.45	ppb
Lead	208-1	19.43	19.17	19.37	19.33	0.69	ppb
Lithium	6-1						%
Magnesium	24-2	60251.19	59880.17	59660.20	59930.52	0.50	ppb
Manganese	55-2	39.72	40.79	40.24	40.25	1.32	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13MSDDLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERM	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 17:15:13	DataFile Name :	071SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	18.89	18.46	18.39	18.58	1.46	ppb
Molybdenum	95-1	17.47	17.93	17.35	17.58	1.74	ppb
Molybdenum	96-1	18.18	17.61	17.73	17.84	1.69	ppb
Molybdenum	97-1	17.97	17.08	17.57	17.54	2.54	ppb
Molybdenum	98-1	17.79	17.70	17.86	17.78	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.45	19.26	19.24	19.31	0.60	ppb
Phosphorus	31-2	25.32	58.83	25.14	36.43	53.24	ppb
Potassium	39-2	18786.31	18963.85	19024.79	18924.98	0.65	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	31.56	27.20	23.03	27.26	15.65	ppb
Selenium	78-2	19.00	19.47	21.94	20.14	7.84	ppb
Selenium	82-1	22.69	22.38	22.05	22.38	1.43	ppb
Silicon	28-1	195.32	203.63	199.43	199.46	2.08	ppb
Silver	109-1	20.24	19.87	20.14	20.08	0.95	ppb
Silver	107-1	20.58	19.87	20.20	20.22	1.75	ppb
Sodium	23-2	481320.16	476647.83	477897.89	478621.96	0.51	ppb
Strontium	86-1	331.19	330.66	330.44	330.77	0.12	ppb
Strontium	88-1	336.29	338.67	336.44	337.13	0.40	ppb
Sulfur	34-1	37501.05	38796.66	38894.99	38397.57	2.03	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.81	20.33	19.98	20.04	1.33	ppb
Thallium	205-1	20.34	20.09	19.90	20.11	1.10	ppb
Tin	118-1	19.00	19.22	18.71	18.98	1.33	ppb
Titanium	47-1	21.13	20.20	20.62	20.65	2.26	ppb
Uranium	238-1	18.96	19.02	18.93	18.97	0.24	ppb
Vanadium	51-2	20.29	19.59	20.36	20.08	2.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	36.15	36.56	36.60	36.44	0.68	ppb
Zirconium	90-1	18.89	19.17	19.05	19.04	0.74	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13MSDDLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERM	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 17:15:13	DataFile Name :	071SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	18.87	18.98	19.09	18.98	0.57	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13ADLX25 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERA Dilution Factor : 25
 Date & Time Acquired :: 2017-09-12 17:18:22 DataFile Name : 072SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	403.67	339.76	398.55	380.66	9.33	ppb
Antimony	121-1	20.73	20.73	20.73	20.73	0.00	ppb
Arsenic	75-2	19.73	19.80	18.50	19.34	3.76	ppb
Barium	135-1	93.24	93.09	93.96	93.43	0.50	ppb
Barium	137-1	92.80	93.15	95.00	93.65	1.26	ppb
Beryllium	9-1	17.66	17.59	17.26	17.50	1.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	203.68	207.42	211.12	207.41	1.79	ppb
Boron	11-1	208.51	213.76	214.01	212.09	1.46	ppb
Cadmium	111-1	20.42	19.95	20.47	20.28	1.41	ppb
Cadmium	106-1	20.59	19.91	21.16	20.55	3.03	ppb
Cadmium	108-1	20.07	20.85	19.67	20.20	2.98	ppb
Calcium	43-1	19766.93	19667.95	19828.75	19754.54	0.41	ppb
Calcium	44-1	19776.85	19832.30	19911.67	19840.27	0.34	ppb
Chromium	52-2	18.98	19.44	20.00	19.48	2.63	ppb
Cobalt	59-2	18.66	18.84	18.61	18.70	0.66	ppb
Copper	63-2	34.46	34.30	34.50	34.42	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	905.40	909.89	914.88	910.05	0.52	ppb
Iron	57-2	891.29	896.91	927.64	905.28	2.16	ppb
Lead	206-1	19.40	19.14	19.68	19.40	1.39	ppb
Lead	207-1	18.48	18.53	19.14	18.72	1.96	ppb
Lead	208-1	19.14	18.87	19.12	19.04	0.79	ppb
Lithium	6-1						%
Magnesium	24-2	57886.36	58622.60	58385.91	58298.29	0.64	ppb
Manganese	55-2	38.71	38.31	37.94	38.32	1.01	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13ADLX25 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERA Dilution Factor : 25
 Date & Time Acquired :: 2017-09-12 17:18:22 DataFile Name : 072SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	18.29	17.86	18.00	18.05	1.21	ppb
Molybdenum	95-1	17.46	17.56	17.08	17.37	1.45	ppb
Molybdenum	96-1	17.60	17.49	17.14	17.41	1.38	ppb
Molybdenum	97-1	17.49	16.69	16.86	17.01	2.48	ppb
Molybdenum	98-1	17.29	17.31	17.16	17.25	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.55	18.46	18.37	18.46	0.49	ppb
Phosphorus	31-2	41.56	41.35	-8.47	24.81	116.19	ppb
Potassium	39-2	18264.78	18374.16	18519.68	18386.20	0.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	22.97	10.85	10.87	14.90	46.93	ppb
Selenium	78-2	22.52	17.46	19.41	19.80	12.89	ppb
Selenium	82-1	21.26	20.68	21.51	21.15	2.00	ppb
Silicon	28-1	191.25	185.28	194.85	190.46	2.54	ppb
Silver	109-1	19.27	19.23	19.16	19.22	0.29	ppb
Silver	107-1	19.08	19.02	19.03	19.04	0.18	ppb
Sodium	23-2	462412.18	462588.88	464197.57	463066.21	0.21	ppb
Strontium	86-1	328.76	323.44	325.77	325.99	0.82	ppb
Strontium	88-1	334.58	330.25	332.89	332.57	0.66	ppb
Sulfur	34-1	37152.43	37574.55	37128.30	37285.09	0.67	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.67	19.34	19.92	19.64	1.48	ppb
Thallium	205-1	19.78	19.36	19.73	19.62	1.17	ppb
Tin	118-1	18.56	18.32	18.84	18.58	1.41	ppb
Titanium	47-1	19.88	18.59	18.98	19.15	3.43	ppb
Uranium	238-1	18.59	18.49	18.53	18.54	0.29	ppb
Vanadium	51-2	19.40	19.16	19.31	19.29	0.63	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	34.97	35.12	34.65	34.91	0.70	ppb
Zirconium	90-1	18.85	19.02	18.24	18.70	2.18	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13ADLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERA	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 17:18:22	DataFile Name :	072SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	18.25	18.34	18.17	18.25	0.46	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 17:27:28	DataFile Name :	074CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48126.00	48413.76	49472.73	48670.83	1.46	ppb
Antimony	121-1	522.65	512.48	521.05	518.73	1.05	ppb
Arsenic	75-2	467.46	472.11	477.35	472.30	1.05	ppb
Barium	135-1	2607.92	2549.08	2595.16	2584.05	1.20	ppb
Barium	137-1	2621.11	2539.88	2577.86	2579.62	1.58	ppb
Beryllium	9-1	497.03	493.71	496.75	495.83	0.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	450.84	446.70	459.52	452.35	1.45	ppb
Boron	11-1	446.26	457.80	460.42	454.83	1.66	ppb
Cadmium	111-1	502.24	495.46	503.47	500.39	0.86	ppb
Cadmium	106-1	509.29	495.88	507.59	504.25	1.45	ppb
Cadmium	108-1	507.63	506.23	507.08	506.98	0.14	ppb
Calcium	43-1	242429.97	246197.43	245639.58	244755.66	0.83	ppb
Calcium	44-1	241688.25	241770.90	245980.58	243146.58	1.01	ppb
Chromium	52-2	490.90	494.22	502.98	496.04	1.26	ppb
Cobalt	59-2	468.58	476.86	480.50	475.31	1.29	ppb
Copper	63-2	910.35	931.08	933.94	925.12	1.39	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	117229.80	119575.16	119696.10	118833.69	1.17	ppb
Iron	57-2	119195.64	121110.45	121462.64	120589.58	1.01	ppb
Lead	206-1	505.25	514.27	523.51	514.34	1.77	ppb
Lead	207-1	504.94	513.74	517.40	512.02	1.25	ppb
Lead	208-1	508.74	513.37	518.39	513.50	0.94	ppb
Lithium	6-1						%
Magnesium	24-2	241976.19	245494.79	248038.27	245169.75	1.24	ppb
Manganese	55-2	997.43	998.86	1004.44	1000.25	0.37	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 17:27:28	DataFile Name :	074CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.41	493.18	502.98	497.52	1.00	ppb
Molybdenum	95-1	498.31	489.56	498.42	495.43	1.03	ppb
Molybdenum	96-1	498.04	486.02	492.12	492.06	1.22	ppb
Molybdenum	97-1	479.50	471.01	482.26	477.59	1.23	ppb
Molybdenum	98-1	494.94	484.56	502.05	493.85	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.25	472.50	479.47	473.41	1.20	ppb
Phosphorus	31-2	9482.87	10574.74	10260.86	10106.16	5.56	ppb
Potassium	39-2	125395.84	125597.77	125972.72	125655.45	0.23	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	480.92	420.39	518.74	473.35	10.48	ppb
Selenium	78-2	492.08	516.04	501.05	503.06	2.41	ppb
Selenium	82-1	488.02	482.76	491.93	487.57	0.94	ppb
Silicon	28-1	490.02	500.96	495.87	495.62	1.10	ppb
Silver	109-1	508.72	505.30	516.22	510.08	1.10	ppb
Silver	107-1	511.45	503.69	515.92	510.35	1.21	ppb
Sodium	23-2	245774.59	250458.29	249308.48	248513.79	0.98	ppb
Strontium	86-1	500.86	494.96	501.73	499.18	0.74	ppb
Strontium	88-1	513.60	504.61	505.42	507.88	0.98	ppb
Sulfur	34-1	10591.87	10757.65	10920.34	10756.62	1.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	518.29	520.32	524.39	521.00	0.60	ppb
Thallium	205-1	511.04	509.86	512.92	511.27	0.30	ppb
Tin	118-1	521.53	516.88	524.13	520.84	0.71	ppb
Titanium	47-1	493.74	494.00	497.67	495.13	0.44	ppb
Uranium	238-1	505.88	502.75	506.09	504.90	0.37	ppb
Vanadium	51-2	488.05	492.47	499.88	493.47	1.21	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	934.06	945.32	968.29	949.22	1.84	ppb
Zirconium	90-1	493.02	483.48	496.78	491.10	1.40	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 17:27:28	DataFile Name :	074CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.31	490.34	497.51	494.05	0.73	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : CCB99 Instrumnet Name : P8
 Client Sample ID : CCB99 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 18:21:02 DataFile Name : 083CCBE_P8091217- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.19	-2.46	0.02	-1.21		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	17.68	ppb
Arsenic	75-2	-0.02	0.01	-0.03	-0.01		ppb
Barium	135-1	-0.05	-0.04	-0.04	-0.04		ppb
Barium	137-1	-0.02	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	-0.06	-0.04	-0.07	-0.06		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.35	7.89	8.56	7.60	14.90	ppb
Boron	11-1	7.87	7.94	8.09	7.97	1.43	ppb
Cadmium	111-1	-0.18	-0.20	-0.13	-0.17		ppb
Cadmium	106-1	-2.53	-2.81	-1.79	-2.38		ppb
Cadmium	108-1	-0.03	0.00	0.10	0.02	347.15	ppb
Calcium	43-1	-19.71	-15.71	-8.97	-14.80		ppb
Calcium	44-1	-7.29	-9.43	-3.54	-6.75		ppb
Chromium	52-2	0.01	-0.05	-0.03	-0.02		ppb
Cobalt	59-2	-0.03	-0.03	-0.02	-0.03		ppb
Copper	63-2	-0.01	-0.04	-0.02	-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	-0.23	-0.55	-0.79	-0.52		ppb
Iron	57-2	-3.14	-2.10	0.03	-1.74		ppb
Lead	206-1	0.00	-0.01	0.01	0.00		ppb
Lead	207-1	-0.01	-0.03	-0.02	-0.02		ppb
Lead	208-1	-0.01	-0.02	0.00	-0.01		ppb
Lithium	6-1						%
Magnesium	24-2	4.05	4.34	7.96	5.45	39.95	ppb
Manganese	55-2	-0.28	-0.14	-0.22	-0.21		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB99	Instrumnet Name :	P8
Client Sample ID :	CCB99	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 18:21:02	DataFile Name :	083CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	-0.04	-0.04	-0.05	-0.04		ppb
Molybdenum	96-1	-0.02	-0.03	-0.03	-0.03		ppb
Molybdenum	97-1	-0.01	-0.01	0.02	0.00	502.98	ppb
Molybdenum	98-1	-0.03	-0.03	-0.02	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.37	-0.30	-0.36	-0.34		ppb
Phosphorus	31-2	9.08	8.73	-8.47	3.11	322.56	ppb
Potassium	39-2	57.49	39.35	35.13	43.99	27.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	-1.31	-1.31	-1.31		ppb
Selenium	78-2	-0.40	-0.40	3.44	0.88	251.32	ppb
Selenium	82-1	0.10	0.36	0.10	0.19	79.97	ppb
Silicon	28-1	-13.77	-17.25	-15.34	-15.45		ppb
Silver	109-1	0.01	0.01	0.00	0.01	76.78	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.02	ppb
Sodium	23-2	481.05	465.44	479.64	475.38	1.82	ppb
Strontium	86-1	0.04	-0.08	0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	714.27	769.66	1193.01	892.31	29.35	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	241.04	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	21.46	ppb
Tin	118-1	-0.04	0.00	0.00	-0.01		ppb
Titanium	47-1	-0.03	-0.02	-0.02	-0.03		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.02	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.17	-0.02	-0.11	0.01	1000.09	ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	118.22	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB99	Instrumnet Name :	P8
Client Sample ID :	CCB99	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 18:21:02	DataFile Name :	083CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.00	0.00	424.04	ppb

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-14DLX25 Instrumnet Name : P8
 Client Sample ID : 20170585-SITEWATERD Dilution Factor : 25
 Date & Time Acquired :: 2017-09-12 18:24:12 DataFile Name : 084SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.99	21.72	17.44	23.05	27.67	ppb
Antimony	121-1	0.03	0.05	0.05	0.04	23.45	ppb
Arsenic	75-2	0.11	0.19	0.06	0.12	53.35	ppb
Barium	135-1	0.52	0.57	0.60	0.56	7.01	ppb
Barium	137-1	0.62	0.67	0.57	0.62	7.86	ppb
Beryllium	9-1	-0.07	-0.04	-0.05	-0.05		ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	123.21	120.42	125.00	122.88	1.88	ppb
Boron	11-1	129.15	129.29	130.26	129.57	0.47	ppb
Cadmium	111-1	-0.06	-0.08	-0.14	-0.09		ppb
Cadmium	106-1	-0.90	-1.05	-1.91	-1.29		ppb
Cadmium	108-1	0.06	0.00	0.16	0.07	110.88	ppb
Calcium	43-1	12263.60	11872.35	12159.37	12098.44	1.67	ppb
Calcium	44-1	12364.27	12121.34	12310.17	12265.26	1.04	ppb
Chromium	52-2	0.07	0.11	0.02	0.07	63.23	ppb
Cobalt	59-2	-0.02	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.25	0.17	0.24	0.22	18.17	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	33.08	35.65	31.13	33.29	6.81	ppb
Iron	57-2	27.38	32.30	30.14	29.94	8.23	ppb
Lead	206-1	0.04	0.03	0.05	0.04	23.40	ppb
Lead	207-1	0.02	0.01	0.05	0.03	82.85	ppb
Lead	208-1	0.03	0.03	0.05	0.04	23.37	ppb
Lithium	6-1						%
Magnesium	24-2	39613.65	38195.50	39301.98	39037.04	1.91	ppb
Manganese	55-2	1.42	1.20	1.35	1.32	8.58	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-14DLX25	Instrumnet Name :	P8
Client Sample ID :	20170585-SITEWATERD	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 18:24:12	DataFile Name :	084SMPL_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.08	0.13	0.10	24.60	ppb
Molybdenum	95-1	0.27	0.28	0.28	0.28	2.80	ppb
Molybdenum	96-1	0.22	0.23	0.22	0.22	3.95	ppb
Molybdenum	97-1	0.26	0.33	0.26	0.28	13.54	ppb
Molybdenum	98-1	0.28	0.30	0.29	0.29	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.20	-0.27	-0.30	-0.26		ppb
Phosphorus	31-2	43.49	-8.47	43.32	26.11	114.71	ppb
Potassium	39-2	12152.01	11686.12	12065.18	11967.77	2.07	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.73	-1.31	-1.31	0.03	6852.69	ppb
Selenium	78-2	0.24	-0.40	0.26	0.03	1130.59	ppb
Selenium	82-1	2.03	1.51	1.43	1.66	19.51	ppb
Silicon	28-1	75.32	73.68	90.95	79.98	11.92	ppb
Silver	109-1	0.06	0.06	0.07	0.06	4.78	ppb
Silver	107-1	0.05	0.06	0.07	0.06	21.43	ppb
Sodium	23-2	323722.57	315382.77	322107.58	320404.31	1.38	ppb
Strontium	86-1	222.44	219.88	221.71	221.34	0.60	ppb
Strontium	88-1	228.07	226.20	226.60	226.95	0.43	ppb
Sulfur	34-1	25340.74	25148.03	25853.36	25447.37	1.43	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.03	0.02	29.77	ppb
Thallium	205-1	0.02	0.03	0.03	0.02	14.04	ppb
Tin	118-1	0.02	0.02	0.03	0.03	31.30	ppb
Titanium	47-1	1.23	0.86	1.00	1.03	18.01	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	6.97	ppb
Vanadium	51-2	0.14	0.12	0.15	0.13	10.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.96	0.75	1.22	0.98	24.30	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	33.36	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-14DLX25	Instrumnet Name :	P8
Client Sample ID :	20170585-SITEWATERD	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 18:24:12	DataFile Name :	084SMPL_P8091217- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.01	0.03	64.59	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 18:27:21	DataFile Name :	085CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49826.55	49195.53	48752.42	49258.17	1.10	ppb
Antimony	121-1	552.28	509.92	508.86	523.69	4.73	ppb
Arsenic	75-2	478.44	486.93	478.38	481.25	1.02	ppb
Barium	135-1	2803.57	2566.49	2560.61	2643.56	5.24	ppb
Barium	137-1	2780.98	2525.88	2539.14	2615.33	5.49	ppb
Beryllium	9-1	546.91	509.45	506.22	520.86	4.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	472.83	444.16	454.80	457.26	3.17	ppb
Boron	11-1	470.52	450.17	454.41	458.37	2.34	ppb
Cadmium	111-1	534.84	486.56	486.67	502.69	5.54	ppb
Cadmium	106-1	537.60	494.28	503.01	511.63	4.48	ppb
Cadmium	108-1	542.81	493.76	498.35	511.64	5.29	ppb
Calcium	43-1	263874.44	246141.60	243632.00	251216.01	4.39	ppb
Calcium	44-1	262296.92	243562.26	244363.23	250074.14	4.24	ppb
Chromium	52-2	505.35	498.93	490.23	498.17	1.52	ppb
Cobalt	59-2	487.73	477.75	474.21	479.90	1.46	ppb
Copper	63-2	954.36	937.80	924.96	939.04	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	121776.44	120157.88	119504.27	120479.53	0.97	ppb
Iron	57-2	123908.47	122790.38	120665.76	122454.87	1.35	ppb
Lead	206-1	546.31	510.40	517.24	524.65	3.63	ppb
Lead	207-1	544.49	507.89	503.16	518.51	4.36	ppb
Lead	208-1	549.72	509.30	511.63	523.55	4.33	ppb
Lithium	6-1						%
Magnesium	24-2	249790.67	245334.58	244325.96	246483.74	1.18	ppb
Manganese	55-2	1030.84	1008.40	996.23	1011.82	1.74	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 18:27:21	DataFile Name :	085CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	530.06	486.55	491.16	502.59	4.76	ppb
Molybdenum	95-1	534.84	484.74	493.92	504.50	5.29	ppb
Molybdenum	96-1	535.01	492.34	494.70	507.35	4.73	ppb
Molybdenum	97-1	520.43	472.98	478.84	490.75	5.27	ppb
Molybdenum	98-1	536.96	485.42	491.02	504.47	5.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.38	476.73	472.37	478.83	1.61	ppb
Phosphorus	31-2	10700.80	10908.17	9921.14	10510.03	4.95	ppb
Potassium	39-2	127178.49	125375.93	123769.78	125441.40	1.36	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	495.24	525.80	524.92	515.32	3.38	ppb
Selenium	78-2	499.17	510.44	485.16	498.26	2.54	ppb
Selenium	82-1	521.88	485.66	482.35	496.63	4.42	ppb
Silicon	28-1	551.64	501.48	503.62	518.91	5.47	ppb
Silver	109-1	545.43	495.21	497.73	512.79	5.52	ppb
Silver	107-1	543.75	504.18	504.75	517.56	4.38	ppb
Sodium	23-2	251250.14	249706.50	247189.80	249382.15	0.82	ppb
Strontium	86-1	531.39	495.00	490.60	505.67	4.43	ppb
Strontium	88-1	542.72	502.36	502.62	515.90	4.50	ppb
Sulfur	34-1	12796.51	10773.92	10924.38	11498.27	9.80	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	554.06	518.36	510.16	527.53	4.42	ppb
Thallium	205-1	547.38	504.62	500.89	517.63	4.99	ppb
Tin	118-1	552.42	507.80	511.48	523.90	4.73	ppb
Titanium	47-1	538.81	493.27	495.75	509.27	5.03	ppb
Uranium	238-1	538.01	503.45	504.71	515.39	3.80	ppb
Vanadium	51-2	505.72	497.24	491.30	498.09	1.46	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	964.24	958.35	944.30	955.63	1.07	ppb
Zirconium	90-1	530.57	489.59	486.72	502.29	4.88	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 18:27:21	DataFile Name :	085CCV_P8091217- MS.

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	528.87	485.38	488.04	500.76	4.87	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 18:33:06	DataFile Name :	086CCBE_P8091217- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.55	2.57	-1.07	1.35	155.19	ppb
Antimony	121-1	0.14	0.16	0.14	0.15	6.58	ppb
Arsenic	75-2	-0.03	-0.07	-0.03	-0.04		ppb
Barium	135-1	-0.03	-0.05	-0.05	-0.04		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.11	0.04	0.03	0.06	72.00	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	11.52	11.48	9.40	10.80	11.22	ppb
Boron	11-1	11.51	11.26	10.91	11.22	2.67	ppb
Cadmium	111-1	-0.16	-0.20	-0.20	-0.18		ppb
Cadmium	106-1	-2.12	-2.77	-2.85	-2.58		ppb
Cadmium	108-1	0.03	0.03	0.06	0.04	47.80	ppb
Calcium	43-1	-14.78	-20.81	-1.57	-12.39		ppb
Calcium	44-1	-0.45	-4.68	-0.68	-1.94		ppb
Chromium	52-2	-0.14	-0.08	0.02	-0.07		ppb
Cobalt	59-2	-0.02	-0.03	-0.01	-0.02		ppb
Copper	63-2	0.00	-0.02	-0.03	-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	0.48	0.61	0.50	0.53	13.01	ppb
Iron	57-2	-1.00	0.46	-0.21	-0.25		ppb
Lead	206-1	0.00	0.02	0.02	0.01	66.08	ppb
Lead	207-1	0.01	-0.01	-0.01	0.00		ppb
Lead	208-1	0.01	0.00	0.01	0.01	37.32	ppb
Lithium	6-1						%
Magnesium	24-2	-1.08	1.58	0.83	0.44	311.08	ppb
Manganese	55-2	-0.10	-0.19	-0.21	-0.17		ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 18:33:06	DataFile Name :	086CCBE_P8091217- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.01	0.02	44.48	ppb
Molybdenum	95-1	-0.03	-0.01	-0.02	-0.02		ppb
Molybdenum	96-1	0.00	-0.03	-0.01	-0.01		ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	49.84	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.29	-0.37	-0.28	-0.32		ppb
Phosphorus	31-2	26.28	-8.47	-8.47	3.11	645.01	ppb
Potassium	39-2	37.44	44.80	70.51	50.92	34.10	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-1.31	-1.31	-1.31	-1.31		ppb
Selenium	78-2	2.17	0.89	0.41	1.15	78.86	ppb
Selenium	82-1	0.15	0.43	0.01	0.20	108.33	ppb
Silicon	28-1	-21.40	-21.58	-22.69	-21.89		ppb
Silver	109-1	0.01	0.02	0.02	0.02	27.28	ppb
Silver	107-1	0.03	0.03	0.03	0.03	2.04	ppb
Sodium	23-2	448.27	454.59	479.93	460.93	3.64	ppb
Strontium	86-1	-0.08	-0.04	0.00	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	70.63	14.24	274.79	119.89	114.34	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.04	0.04	7.26	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	12.33	ppb
Tin	118-1	0.07	0.08	0.08	0.08	0.78	ppb
Titanium	47-1	0.00	0.08	0.09	0.06	82.59	ppb
Uranium	238-1	-0.02	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.06	0.01	0.09	0.01	574.92	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	42.98	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 18:33:06	DataFile Name :	086CCBE_P8091217- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.04	0.02	74.36	ppb

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:18:46	DataFile Name :	003CALB_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	17	17	50.01	cps
Antimony	121-1	42	50	75	56	31.23	cps
Arsenic	75-2	13	7	4	8	58.09	cps
Barium	135-1	117	83	92	97	17.84	cps
Barium	137-1	42	142	92	92	54.54	cps
Beryllium	9-1	144	122	111	126	13.48	cps
Bismuth	209-1	5069481	5035693	4758943	4954705	3.44	cps
Bismuth	209-2	1547879	1559941	1549080	1552300	0.43	cps
Boron	10-1	142	125	167	144	14.52	cps
Boron	11-1	700	542	642	628	12.76	cps
Cadmium	111-1	1223	1193	1237	1218	1.83	cps
Cadmium	106-1	1725	1675	1742	1714	2.02	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	1717	1725	1542	1661	6.23	cps
Calcium	44-1	29649	30876	30234	30253	2.03	cps
Chromium	52-2	757	710	737	734	3.19	cps
Cobalt	59-2	83	77	93	84	9.94	cps
Copper	63-2	207	247	217	223	9.32	cps
Dysprosium	156-1	17	33	50	33	50.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	42	83	42	56	43.30	cps
Gadolinium	160-2	17	23	10	17	39.99	cps
Holmium	165-1	8411916	8493540	8122390	8342615	2.34	cps
Holmium	165-2	2038317	2077275	2030580	2048724	1.22	cps
Indium	115-1	7466608	7440102	7091924	7332878	2.85	cps
Indium	115-2	402912	401689	404850	403150	0.40	cps
Iron	56-2	1984	2061	2128	2058	3.51	cps
Iron	57-2	89	50	78	72	27.74	cps
Lead	206-1	500	472	517	496	4.52	cps
Lead	207-1	511	533	439	494	9.99	cps
Lead	208-1	2050	2206	2122	2126	3.66	cps
Lithium	6-1	715936	717055	692196	708396	1.98	cps
Magnesium	24-2	258	267	242	256	4.98	cps
Manganese	55-2	107	140	97	114	19.82	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:18:46	DataFile Name :	003CALB_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	292	300	264	21.03	cps
Molybdenum	95-1	158	225	175	186	18.64	cps
Molybdenum	96-1	275	192	233	233	17.86	cps
Molybdenum	97-1	100	83	75	86	14.79	cps
Molybdenum	98-1	183	258	175	206	22.33	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	257	237	270	254	6.59	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	3192	3226	3217	3212	0.54	cps
Rhodium	103-1	6727846	6703845	6476009	6635900	2.09	cps
Rhodium	103-2	1967395	1954063	1968531	1963330	0.41	cps
Scandium	45-1	3896312	3909533	3711773	3839206	2.88	cps
Scandium	45-2	41411	41120	40589	41040	1.02	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	-78	-124	14	-63	-111.87	cps
Silicon	28-1	381442	382591	375462	379832	1.01	cps
Silver	109-1	67	50	83	67	25.00	cps
Silver	107-1	92	58	50	67	33.07	cps
Sodium	23-2	3392	3967	3492	3617	8.50	cps
Strontium	86-1	867	958	917	914	5.02	cps
Strontium	88-1	183	275	200	219	22.25	cps
Sulfur	34-1	326260	324985	325360	325535	0.20	cps
Terbium	159-1	8823861	8958017	8555896	8779258	2.33	cps
Terbium	159-2	2018638	2026223	1995371	2013411	0.80	cps
Thallium	203-1	58	167	83	103	55.19	cps
Thallium	205-1	200	233	192	208	10.58	cps
Tin	118-1	600	758	842	733	16.74	cps
Titanium	47-1	125	117	92	111	15.61	cps
Uranium	238-1	325	492	342	386	23.77	cps
Vanadium	51-2	17	17	10	14	26.66	cps
Yttrium	89-1	7839167	7842782	7550179	7744043	2.17	cps
Yttrium	89-2	299677	299894	297811	299127	0.38	cps
Zinc	66-2	60	60	30	50	34.64	cps
Zirconium	90-1	508	558	492	519	6.68	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:18:46	DataFile Name :	003CALB_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	92	133	114	18.41	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 12:25:59 DataFile Name : 005CALS_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	133	142	156	20.28	cps
Antimony	121-1	16836	16236	16561	16544	1.82	cps
Arsenic	75-2	115	107	117	113	4.34	cps
Barium	135-1	15043	16094	16252	15796	4.16	cps
Barium	137-1	27154	28047	28098	27766	1.91	cps
Beryllium	9-1	933	956	906	932	2.69	cps
Bismuth	209-1	5055120	5145797	5115052	5105323	0.90	cps
Bismuth	209-2	1548901	1566975	1544779	1553551	0.76	cps
Boron	10-1	2442	2350	2434	2409	2.11	cps
Boron	11-1	10963	11280	10654	10966	2.85	cps
Cadmium	111-1	2882	2910	3120	2971	4.39	cps
Cadmium	106-1	1700	1559	1992	1750	12.63	cps
Cadmium	108-1	125	188	142	151	21.38	cps
Calcium	43-1	8795	9754	9604	9384	5.50	cps
Calcium	44-1	154239	155369	156741	155450	0.81	cps
Chromium	52-2	2367	2604	2494	2488	4.76	cps
Cobalt	59-2	2010	1853	1743	1869	7.17	cps
Copper	63-2	3567	3457	3404	3476	2.40	cps
Dysprosium	156-1	0	42	17	19	107.85	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	58	50	50	16.67	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	100	58	75	78	26.96	cps
Gadolinium	160-2	10	10	0	7	86.60	cps
Holmium	165-1	8783012	8732637	8763090	8759580	0.29	cps
Holmium	165-2	2125955	2126842	2113309	2122035	0.36	cps
Indium	115-1	7612095	7626946	7623290	7620777	0.10	cps
Indium	115-2	413798	406709	408589	409699	0.90	cps
Iron	56-2	29844	29910	30528	30094	1.25	cps
Iron	57-2	811	878	628	772	16.77	cps
Lead	206-1	5913	5707	5774	5798	1.81	cps
Lead	207-1	5551	5135	5529	5405	4.34	cps
Lead	208-1	24110	23793	24527	24143	1.52	cps
Lithium	6-1	719211	725937	728278	724475	0.65	cps
Magnesium	24-2	14717	13941	14475	14377	2.76	cps
Manganese	55-2	313	413	333	353	14.98	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:25:59	DataFile Name :	005CALS_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13190	13991	13649	13610	2.95	cps
Molybdenum	95-1	16110	16227	15860	16066	1.17	cps
Molybdenum	96-1	18296	18672	18238	18402	1.28	cps
Molybdenum	97-1	9846	10221	9796	9954	2.34	cps
Molybdenum	98-1	26159	26285	26276	26240	0.27	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	787	763	740	763	3.06	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	11689	12723	12298	12236	4.25	cps
Rhodium	103-1	6901178	6961523	6960087	6940929	0.50	cps
Rhodium	103-2	2038249	2047709	2003596	2029851	1.14	cps
Scandium	45-1	3864987	3991728	3979033	3945249	1.77	cps
Scandium	45-2	42538	41458	41441	41812	1.50	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	20	30	15	22	34.63	cps
Selenium	82-1	384	507	509	467	15.37	cps
Silicon	28-1	412996	401235	405249	406493	1.47	cps
Silver	109-1	10646	10488	10138	10424	2.50	cps
Silver	107-1	10738	11706	11389	11277	4.37	cps
Sodium	23-2	38027	38779	39439	38748	1.82	cps
Strontium	86-1	3251	3209	3125	3195	1.99	cps
Strontium	88-1	19248	19106	20449	19601	3.77	cps
Sulfur	34-1	319148	317631	323834	320204	1.01	cps
Terbium	159-1	9178447	9202820	9162160	9181143	0.22	cps
Terbium	159-2	2105804	2114635	2079149	2099863	0.88	cps
Thallium	203-1	4826	5468	5576	5290	7.67	cps
Thallium	205-1	12840	13099	12924	12954	1.02	cps
Tin	118-1	28247	28281	29608	28712	2.70	cps
Titanium	47-1	4217	4384	4084	4229	3.56	cps
Uranium	238-1	14876	15494	15243	15204	2.04	cps
Vanadium	51-2	3170	3137	3104	3137	1.06	cps
Yttrium	89-1	8031953	8037266	8066428	8045216	0.23	cps
Yttrium	89-2	304998	302766	302184	303316	0.49	cps
Zinc	66-2	370	350	330	350	5.71	cps
Zirconium	90-1	11964	12239	12114	12106	1.14	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:25:59	DataFile Name :	005CALS_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2725	2617	2884	2742	4.89	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:29:28	DataFile Name :	006CAL5_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6894	6427	6927	6749	4.14	cps
Antimony	121-1	461486	459934	458804	460075	0.29	cps
Arsenic	75-2	6079	5949	6125	6051	1.51	cps
Barium	135-1	457850	465815	461067	461577	0.87	cps
Barium	137-1	807950	804775	809499	807408	0.30	cps
Beryllium	9-1	44948	45600	45010	45186	0.80	cps
Bismuth	209-1	5175007	5173533	5087840	5145460	0.97	cps
Bismuth	209-2	1602785	1593478	1599045	1598436	0.29	cps
Boron	10-1	5418	5918	5468	5601	4.92	cps
Boron	11-1	24630	24822	24781	24744	0.41	cps
Cadmium	111-1	100622	99527	99929	100026	0.55	cps
Cadmium	106-1	11530	11689	12173	11797	2.84	cps
Cadmium	108-1	6939	7031	7115	7028	1.25	cps
Calcium	43-1	90844	88428	87716	88996	1.84	cps
Calcium	44-1	1505771	1514267	1495515	1505184	0.62	cps
Chromium	52-2	48845	47999	48467	48437	0.88	cps
Cobalt	59-2	99435	100349	100328	100037	0.52	cps
Copper	63-2	169746	171728	170143	170539	0.61	cps
Dysprosium	156-1	25	50	25	33	43.30	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	50	25	67	47	44.41	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	50	108	67	75	40.06	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	8813251	8628962	8747903	8730038	1.07	cps
Holmium	165-2	2180158	2167957	2146127	2164747	0.80	cps
Indium	115-1	7677596	7698590	7601306	7659164	0.67	cps
Indium	115-2	415828	412146	411893	413289	0.53	cps
Iron	56-2	1628674	1638403	1672074	1646384	1.38	cps
Iron	57-2	42387	41234	40186	41269	2.67	cps
Lead	206-1	244020	239609	244474	242701	1.11	cps
Lead	207-1	218890	220746	221252	220296	0.56	cps
Lead	208-1	980311	986520	988479	985103	0.43	cps
Lithium	6-1	720301	725017	720383	721900	0.37	cps
Magnesium	24-2	161668	160277	161063	161003	0.43	cps
Manganese	55-2	28509	28205	28242	28319	0.59	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:29:28	DataFile Name :	006CAL5_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	353530	350387	357758	353892	1.05	cps
Molybdenum	95-1	189955	188567	190529	189684	0.53	cps
Molybdenum	96-1	242785	242033	242484	242434	0.16	cps
Molybdenum	97-1	117818	116111	117515	117148	0.78	cps
Molybdenum	98-1	303516	305971	300529	303338	0.90	cps
Neodymium	150-1	33	27	13	24	41.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	29622	29378	29221	29407	0.69	cps
Phosphorus	31-2	458	550	633	547	16.00	cps
Potassium	39-2	56556	55695	56280	56177	0.78	cps
Rhodium	103-1	6906648	6943833	6929893	6926791	0.27	cps
Rhodium	103-2	2037789	2036683	2039473	2037981	0.07	cps
Scandium	45-1	3960092	3983753	3943773	3962539	0.51	cps
Scandium	45-2	41465	42006	42548	42006	1.29	cps
Selenium	77-2	63	60	57	60	5.55	cps
Selenium	78-2	148	189	170	169	12.06	cps
Selenium	82-1	6248	6229	6162	6213	0.73	cps
Silicon	28-1	570083	565501	569471	568352	0.44	cps
Silver	109-1	456496	458241	454501	456413	0.41	cps
Silver	107-1	484063	484070	479935	482689	0.49	cps
Sodium	23-2	396289	395803	393867	395320	0.32	cps
Strontium	86-1	127330	128064	127331	127575	0.33	cps
Strontium	88-1	1097349	1088815	1095300	1093821	0.41	cps
Sulfur	34-1	352335	353482	350884	352234	0.37	cps
Terbium	159-1	9299081	9220609	9189627	9236439	0.61	cps
Terbium	159-2	2121925	2132470	2150288	2134894	0.67	cps
Thallium	203-1	298760	295578	300349	298229	0.81	cps
Thallium	205-1	714229	716382	718842	716484	0.32	cps
Tin	118-1	324229	324845	316662	321912	1.42	cps
Titanium	47-1	46704	47941	46571	47072	1.61	cps
Uranium	238-1	870513	871207	865672	869130	0.35	cps
Vanadium	51-2	35061	34930	35281	35091	0.51	cps
Yttrium	89-1	8014458	7927547	8093068	8011691	1.03	cps
Yttrium	89-2	307975	304478	308617	307023	0.73	cps
Zinc	66-2	16323	16644	16694	16553	1.21	cps
Zirconium	90-1	674704	677442	684525	678890	0.75	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:29:28	DataFile Name :	006CALS_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150357	149750	150320	150142	0.23	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 12:32:58 DataFile Name : 007CAL5_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16127	16427	16177	16243	0.99	cps
Antimony	121-1	1198932	1186730	1190462	1192041	0.52	cps
Arsenic	75-2	15347	14936	15283	15189	1.46	cps
Barium	135-1	1197640	1194987	1202514	1198380	0.32	cps
Barium	137-1	2108377	2102625	2106505	2105835	0.14	cps
Beryllium	9-1	115504	114372	114636	114838	0.52	cps
Bismuth	209-1	5343018	5366488	5015052	5241519	3.75	cps
Bismuth	209-2	1631117	1622318	1620649	1624695	0.35	cps
Boron	10-1	13323	13240	13574	13379	1.30	cps
Boron	11-1	62245	62764	62203	62404	0.50	cps
Cadmium	111-1	258069	258462	256964	257832	0.30	cps
Cadmium	106-1	27404	28331	27078	27604	2.35	cps
Cadmium	108-1	17975	17946	17524	17815	1.42	cps
Calcium	43-1	225587	225482	228769	226613	0.82	cps
Calcium	44-1	3698708	3733554	3741433	3724565	0.61	cps
Chromium	52-2	120614	120382	121377	120791	0.43	cps
Cobalt	59-2	245264	249419	248321	247668	0.87	cps
Copper	63-2	430553	429895	429979	430142	0.08	cps
Dysprosium	156-1	33	25	42	33	25.01	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	58	17	50	42	52.91	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	125	117	83	108	20.35	cps
Gadolinium	160-2	7	20	17	14	48.02	cps
Holmium	165-1	8989125	8937187	8490413	8805575	3.11	cps
Holmium	165-2	2199613	2174669	2173696	2182659	0.67	cps
Indium	115-1	7940745	7810728	7264690	7672054	4.68	cps
Indium	115-2	410326	412642	411915	411628	0.29	cps
Iron	56-2	4098895	4110038	4089214	4099383	0.25	cps
Iron	57-2	103951	102278	102670	102966	0.85	cps
Lead	206-1	626517	622656	629424	626199	0.54	cps
Lead	207-1	569147	563630	571154	567977	0.69	cps
Lead	208-1	2546273	2542783	2555226	2548094	0.25	cps
Lithium	6-1	733336	736242	690973	720184	3.52	cps
Magnesium	24-2	404261	406822	408090	406391	0.48	cps
Manganese	55-2	69120	69911	68896	69309	0.77	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:32:58	DataFile Name :	007CAL5_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	902388	904210	906645	904415	0.24	cps
Molybdenum	95-1	484590	484820	478471	482627	0.75	cps
Molybdenum	96-1	619135	623537	615910	619527	0.62	cps
Molybdenum	97-1	300149	295483	299969	298534	0.89	cps
Molybdenum	98-1	781156	767669	772751	773859	0.88	cps
Neodymium	150-1	60	53	20	44	48.22	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	73228	73024	74032	73428	0.73	cps
Phosphorus	31-2	1058	1300	1250	1203	10.61	cps
Potassium	39-2	134689	135589	135429	135236	0.36	cps
Rhodium	103-1	7104698	6974904	6583811	6887804	3.94	cps
Rhodium	103-2	2027187	2048463	2036297	2037316	0.52	cps
Scandium	45-1	4040463	4017171	3780804	3946146	3.64	cps
Scandium	45-2	42571	41642	42501	42238	1.23	cps
Selenium	77-2	173	150	127	150	15.56	cps
Selenium	78-2	322	419	370	370	13.00	cps
Selenium	82-1	15880	16035	15975	15963	0.49	cps
Silicon	28-1	863039	852496	849387	854974	0.84	cps
Silver	109-1	1154913	1159582	1172657	1162384	0.79	cps
Silver	107-1	1239488	1230363	1233423	1234425	0.38	cps
Sodium	23-2	992736	988116	990711	990521	0.23	cps
Strontium	86-1	328170	321332	325967	325157	1.07	cps
Strontium	88-1	2854527	2783535	2865125	2834396	1.57	cps
Sulfur	34-1	402126	400299	405337	402587	0.63	cps
Terbium	159-1	9542608	9515175	8894638	9317474	3.93	cps
Terbium	159-2	2163212	2145120	2156030	2154787	0.42	cps
Thallium	203-1	779100	778982	781532	779871	0.18	cps
Thallium	205-1	1894516	1854595	1899947	1883019	1.32	cps
Tin	118-1	824294	817835	815033	819054	0.58	cps
Titanium	47-1	119052	121683	117793	119509	1.66	cps
Uranium	238-1	2323879	2314705	2328979	2322521	0.31	cps
Vanadium	51-2	88034	88712	89917	88888	1.07	cps
Yttrium	89-1	8287562	8238879	7712946	8079796	3.94	cps
Yttrium	89-2	306665	306773	308252	307230	0.29	cps
Zinc	66-2	40616	40543	41001	40720	0.60	cps
Zirconium	90-1	1794675	1764593	1761348	1773539	1.04	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:32:58	DataFile Name :	007CALS_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	386397	382763	387752	385637	0.67	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 12:36:23 DataFile Name : 008CAL5_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32831	32488	33173	32831	1.04	cps
Antimony	121-1	2400757	2425204	2430518	2418826	0.66	cps
Arsenic	75-2	29882	30404	29253	29846	1.93	cps
Barium	135-1	2446768	2448984	2485977	2460577	0.90	cps
Barium	137-1	4218569	4268213	4271424	4252735	0.70	cps
Beryllium	9-1	226868	226160	228446	227158	0.52	cps
Bismuth	209-1	5366013	5460650	5511515	5446059	1.36	cps
Bismuth	209-2	1645351	1649490	1638653	1644498	0.33	cps
Boron	10-1	25924	26442	26166	26177	0.99	cps
Boron	11-1	123494	126015	127411	125640	1.58	cps
Cadmium	111-1	516031	517048	520138	517739	0.41	cps
Cadmium	106-1	53005	53918	54578	53834	1.47	cps
Cadmium	108-1	36525	36341	36115	36327	0.56	cps
Calcium	43-1	440103	445353	446894	444117	0.80	cps
Calcium	44-1	7294433	7266879	7280010	7280441	0.19	cps
Chromium	52-2	236313	235745	233946	235335	0.53	cps
Cobalt	59-2	491326	490685	489445	490485	0.19	cps
Copper	63-2	854991	841142	837597	844577	1.09	cps
Dysprosium	156-1	50	17	75	47	61.97	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	83	17	42	47	71.32	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	92	133	92	106	22.79	cps
Gadolinium	160-2	17	7	23	16	53.90	cps
Holmium	165-1	9127831	9266380	9416358	9270190	1.56	cps
Holmium	165-2	2217910	2203333	2185643	2202295	0.73	cps
Indium	115-1	7802927	7935254	7942696	7893626	1.00	cps
Indium	115-2	404675	401741	399210	401875	0.68	cps
Iron	56-2	8021725	7887560	7973702	7960995	0.85	cps
Iron	57-2	202731	200489	201446	201555	0.56	cps
Lead	206-1	1283408	1283258	1307706	1291457	1.09	cps
Lead	207-1	1149622	1165034	1168831	1161162	0.88	cps
Lead	208-1	5237307	5319664	5361282	5306084	1.19	cps
Lithium	6-1	724367	727605	729444	727139	0.35	cps
Magnesium	24-2	806769	800360	804918	804016	0.41	cps
Manganese	55-2	137640	135772	133861	135758	1.39	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:36:23	DataFile Name :	008CAL5_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1835823	1846830	1821908	1834854	0.68	cps
Molybdenum	95-1	960940	979046	974049	971345	0.96	cps
Molybdenum	96-1	1234361	1250598	1249527	1244829	0.73	cps
Molybdenum	97-1	599458	607086	600931	602492	0.67	cps
Molybdenum	98-1	1589347	1597976	1596146	1594490	0.29	cps
Neodymium	150-1	73	80	113	89	24.11	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	144535	143285	142893	143571	0.60	cps
Phosphorus	31-2	2467	2300	2575	2448	5.66	cps
Potassium	39-2	261094	255812	256291	257732	1.13	cps
Rhodium	103-1	7037688	7061345	7158748	7085927	0.91	cps
Rhodium	103-2	2021430	2003794	2019368	2014864	0.48	cps
Scandium	45-1	3969241	3979932	4001640	3983604	0.41	cps
Scandium	45-2	41702	41521	40609	41277	1.42	cps
Selenium	77-2	227	250	223	233	6.23	cps
Selenium	78-2	802	776	757	778	2.87	cps
Selenium	82-1	31153	31513	31622	31429	0.78	cps
Silicon	28-1	1186273	1187141	1181756	1185057	0.24	cps
Silver	109-1	2363702	2371409	2431967	2389026	1.56	cps
Silver	107-1	2520219	2543968	2555783	2539990	0.71	cps
Sodium	23-2	1999978	1962006	1994001	1985329	1.03	cps
Strontium	86-1	638856	646735	644463	643351	0.63	cps
Strontium	88-1	5525602	5573913	5637597	5579037	1.01	cps
Sulfur	34-1	460423	460503	462845	461257	0.30	cps
Terbium	159-1	9608921	9779270	9953425	9780539	1.76	cps
Terbium	159-2	2175936	2179048	2142075	2165686	0.95	cps
Thallium	203-1	1585397	1589980	1623307	1599561	1.29	cps
Thallium	205-1	3827774	3849490	3974136	3883800	2.03	cps
Tin	118-1	1648434	1660996	1685723	1665051	1.14	cps
Titanium	47-1	235954	238105	235671	236577	0.56	cps
Uranium	238-1	4770679	4800654	4851409	4807580	0.85	cps
Vanadium	51-2	175801	175200	172524	174509	1.00	cps
Yttrium	89-1	8133927	8335282	8290303	8253171	1.28	cps
Yttrium	89-2	302456	301407	298995	300952	0.59	cps
Zinc	66-2	80673	80056	79188	79972	0.93	cps
Zirconium	90-1	3492127	3540533	3550096	3527585	0.88	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:36:23	DataFile Name :	008CALS_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	767324	772561	777135	772340	0.64	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 12:39:42 DataFile Name : 009CAL5_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64874	63760	63342	63992	1.24	cps
Antimony	121-1	4935220	4902765	4931173	4923053	0.36	cps
Arsenic	75-2	58068	57616	57318	57667	0.65	cps
Barium	135-1	4963233	4981241	5002638	4982371	0.40	cps
Barium	137-1	8656913	8623598	8596019	8625510	0.35	cps
Beryllium	9-1	451388	454041	454500	453309	0.37	cps
Bismuth	209-1	5860416	5962475	5926440	5916444	0.87	cps
Bismuth	209-2	1628806	1633322	1629251	1630460	0.15	cps
Boron	10-1	51510	53634	55098	53414	3.38	cps
Boron	11-1	247497	253502	254305	251768	1.48	cps
Cadmium	111-1	1036841	1042123	1029673	1036212	0.60	cps
Cadmium	106-1	105385	107560	106652	106532	1.03	cps
Cadmium	108-1	72121	72884	72644	72550	0.54	cps
Calcium	43-1	868439	869538	861153	866377	0.53	cps
Calcium	44-1	14284423	14278671	14326718	14296604	0.18	cps
Chromium	52-2	452930	452754	445125	450270	0.99	cps
Cobalt	59-2	945366	944539	941795	943900	0.20	cps
Copper	63-2	1649029	1638585	1630277	1639297	0.57	cps
Dysprosium	156-1	83	133	75	97	32.45	cps
Dysprosium	156-2	20	20	20	20	0.00	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	108	133	142	128	13.58	cps
Gadolinium	160-2	20	30	10	20	50.00	cps
Holmium	165-1	9851905	9851128	9915644	9872892	0.38	cps
Holmium	165-2	2184173	2170435	2159148	2171252	0.58	cps
Indium	115-1	7945977	8008191	7840061	7931410	1.07	cps
Indium	115-2	382942	384124	380704	382590	0.45	cps
Iron	56-2	15385495	15299587	15339851	15341644	0.28	cps
Iron	57-2	387297	387101	385481	386626	0.26	cps
Lead	206-1	2833026	2833193	2811718	2825979	0.44	cps
Lead	207-1	2559495	2592539	2579787	2577274	0.65	cps
Lead	208-1	11396268	11575147	11455697	11475704	0.79	cps
Lithium	6-1	726673	734717	728785	730058	0.57	cps
Magnesium	24-2	1585520	1604631	1580871	1590340	0.79	cps
Manganese	55-2	258923	256222	254800	256648	0.82	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 12:39:42 DataFile Name : 009CALS_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3680081	3714640	3663973	3686232	0.70	cps
Molybdenum	95-1	2003492	2003592	1990431	1999172	0.38	cps
Molybdenum	96-1	2522647	2549943	2548488	2540359	0.60	cps
Molybdenum	97-1	1206367	1209121	1209053	1208180	0.13	cps
Molybdenum	98-1	3178487	3194785	3201851	3191708	0.38	cps
Neodymium	150-1	227	173	100	167	38.16	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	276035	273959	272633	274209	0.63	cps
Phosphorus	31-2	4868	4734	4901	4834	1.82	cps
Potassium	39-2	490573	492551	484191	489105	0.89	cps
Rhodium	103-1	7124784	7156636	7077535	7119651	0.56	cps
Rhodium	103-2	1950964	1939849	1944042	1944952	0.29	cps
Scandium	45-1	3973739	3988953	3898379	3953690	1.23	cps
Scandium	45-2	39950	39974	39392	39772	0.83	cps
Selenium	77-2	383	393	447	408	8.35	cps
Selenium	78-2	1402	1411	1435	1416	1.22	cps
Selenium	82-1	61786	61688	62089	61854	0.34	cps
Silicon	28-1	1894514	1895467	1880887	1890289	0.43	cps
Silver	109-1	4732932	4719575	4741496	4731334	0.23	cps
Silver	107-1	5055987	5044555	5018408	5039650	0.38	cps
Sodium	23-2	3859581	3857318	3832479	3849793	0.39	cps
Strontium	86-1	1287369	1261299	1269454	1272707	1.05	cps
Strontium	88-1	11012867	11045976	10882340	10980395	0.79	cps
Sulfur	34-1	573391	571919	567958	571089	0.49	cps
Terbium	159-1	10234018	10323904	10289396	10282440	0.44	cps
Terbium	159-2	2110500	2101815	2105843	2106053	0.21	cps
Thallium	203-1	3461206	3539809	3504859	3501958	1.12	cps
Thallium	205-1	8159480	8299441	8227917	8228946	0.85	cps
Tin	118-1	3373243	3383934	3380233	3379137	0.16	cps
Titanium	47-1	469037	463533	463958	465509	0.66	cps
Uranium	238-1	10336958	10432143	10657724	10475609	1.57	cps
Vanadium	51-2	338682	340628	336433	338581	0.62	cps
Yttrium	89-1	8295357	8238561	8195945	8243288	0.61	cps
Yttrium	89-2	287516	287022	283402	285980	0.79	cps
Zinc	66-2	151517	152178	150495	151397	0.56	cps
Zirconium	90-1	6959458	6950265	6972240	6960654	0.16	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:39:42	DataFile Name :	009CALS_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1561543	1566005	1547364	1558304	0.62	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 12:42:55 DataFile Name : 010CAL5_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124375	125576	123997	124649	0.66	cps
Antimony	121-1	9439908	9450297	9393114	9427773	0.32	cps
Arsenic	75-2	110386	110215	110631	110411	0.19	cps
Barium	135-1	9751936	9811011	9665274	9742741	0.75	cps
Barium	137-1	16866511	17009346	17004714	16960190	0.48	cps
Beryllium	9-1	882060	878763	879440	880088	0.20	cps
Bismuth	209-1	5962572	5991685	6065265	6006507	0.88	cps
Bismuth	209-2	1598204	1580577	1569835	1582872	0.90	cps
Boron	10-1	105846	107198	107449	106831	0.81	cps
Boron	11-1	493194	502220	504125	499846	1.17	cps
Cadmium	111-1	2004857	2002960	2031809	2013209	0.80	cps
Cadmium	106-1	199084	202855	202549	201496	1.04	cps
Cadmium	108-1	138241	139445	136676	138121	1.01	cps
Calcium	43-1	1696990	1677166	1642753	1672303	1.64	cps
Calcium	44-1	27406778	27246336	26969275	27207463	0.81	cps
Chromium	52-2	873821	872583	857886	868097	1.02	cps
Cobalt	59-2	1830907	1820238	1816168	1822437	0.42	cps
Copper	63-2	3135219	3117076	3089572	3113956	0.74	cps
Dysprosium	156-1	158	83	258	167	52.68	cps
Dysprosium	156-2	13	20	20	18	21.66	cps
Erbium	164-1	50	33	67	50	33.34	cps
Erbium	164-2	17	10	17	14	26.66	cps
Gadolinium	160-1	167	150	158	158	5.26	cps
Gadolinium	160-2	17	20	40	26	49.38	cps
Holmium	165-1	9768433	9755744	9822442	9782207	0.36	cps
Holmium	165-2	2136056	2104153	2072782	2104330	1.50	cps
Indium	115-1	7606303	7613745	7700996	7640348	0.69	cps
Indium	115-2	362077	360150	354922	359050	1.03	cps
Iron	56-2	29496532	29110095	29144060	29250229	0.73	cps
Iron	57-2	744835	740798	739969	741867	0.35	cps
Lead	206-1	5706762	5638412	5661033	5668736	0.61	cps
Lead	207-1	5241493	5228883	5196765	5222380	0.44	cps
Lead	208-1	23243132	23217742	23140773	23200549	0.23	cps
Lithium	6-1	707176	711641	716648	711822	0.67	cps
Magnesium	24-2	3090981	3045748	3096150	3077626	0.90	cps
Manganese	55-2	494637	493311	491603	493184	0.31	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:42:55	DataFile Name :	010CAL5_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7062259	7100321	7040896	7067826	0.43	cps
Molybdenum	95-1	3813586	3820745	3825664	3819998	0.16	cps
Molybdenum	96-1	4890833	4960716	4925471	4925673	0.71	cps
Molybdenum	97-1	2404316	2405367	2390477	2400053	0.35	cps
Molybdenum	98-1	6113362	6125697	6136786	6125282	0.19	cps
Neodymium	150-1	280	313	353	316	11.64	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	527113	521885	521310	523436	0.61	cps
Phosphorus	31-2	9137	9395	9329	9287	1.44	cps
Potassium	39-2	938438	934603	922737	931926	0.88	cps
Rhodium	103-1	6706508	6772873	6784236	6754539	0.62	cps
Rhodium	103-2	1876846	1865947	1835221	1859338	1.16	cps
Scandium	45-1	3836007	3812612	3858245	3835621	0.59	cps
Scandium	45-2	40141	38697	38743	39194	2.09	cps
Selenium	77-2	783	797	703	761	6.63	cps
Selenium	78-2	2765	2817	2602	2728	4.11	cps
Selenium	82-1	117813	117464	117269	117515	0.23	cps
Silicon	28-1	3220096	3217010	3164211	3200439	0.98	cps
Silver	109-1	8966683	9036004	8965627	8989438	0.45	cps
Silver	107-1	9530529	9611217	9510762	9550836	0.56	cps
Sodium	23-2	7543609	7527589	7494496	7521898	0.33	cps
Strontium	86-1	2512866	2487987	2485174	2495342	0.61	cps
Strontium	88-1	21078039	21145326	21069670	21097678	0.20	cps
Sulfur	34-1	795390	793632	793230	794084	0.14	cps
Terbium	159-1	10253564	10220213	10293913	10255897	0.36	cps
Terbium	159-2	2082569	2041863	2033409	2052614	1.28	cps
Thallium	203-1	7061939	7008457	6983012	7017803	0.57	cps
Thallium	205-1	16701139	16783857	16650503	16711833	0.40	cps
Tin	118-1	6479573	6496800	6463558	6479977	0.26	cps
Titanium	47-1	892592	893336	892036	892655	0.07	cps
Uranium	238-1	21504869	21644930	21770523	21640107	0.61	cps
Vanadium	51-2	655201	652043	648232	651825	0.54	cps
Yttrium	89-1	7907619	7856136	8000547	7921434	0.92	cps
Yttrium	89-2	275417	273571	272313	273767	0.57	cps
Zinc	66-2	292005	287098	285906	288336	1.12	cps
Zirconium	90-1	13405439	13522981	13486540	13471653	0.45	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:42:55	DataFile Name :	010CALS_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3039854	3012512	2996204	3016190	0.73	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:46:05	DataFile Name :	011CALS_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	633213	633965	635143	634107	0.15	cps
Antimony	121-1	19565	21001	20258	20274	3.54	cps
Arsenic	75-2	56	31	54	47	28.56	cps
Barium	135-1	2834	3226	3109	3056	6.58	cps
Barium	137-1	5218	5593	5376	5396	3.49	cps
Beryllium	9-1	422	417	467	435	6.30	cps
Bismuth	209-1	5722359	5649425	5577503	5649763	1.28	cps
Bismuth	209-2	1523476	1527823	1520293	1523864	0.25	cps
Boron	10-1	3434	3392	3426	3417	0.65	cps
Boron	11-1	16969	15901	14875	15915	6.58	cps
Cadmium	111-1	1578	1596	1362	1512	8.61	cps
Cadmium	106-1	1884	1842	1550	1759	10.33	cps
Cadmium	108-1	46	21	33	33	37.50	cps
Calcium	43-1	8315928	8331686	8340285	8329300	0.15	cps
Calcium	44-1	137677599	138251166	137353791	137760852	0.33	cps
Chromium	52-2	7979	7899	8166	8015	1.71	cps
Cobalt	59-2	2300	2214	2240	2251	1.97	cps
Copper	63-2	5048	4721	4774	4848	3.62	cps
Dysprosium	156-1	133	108	67	103	32.77	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	83	108	83	92	15.74	cps
Erbium	164-2	17	20	7	14	48.02	cps
Gadolinium	160-1	67	133	117	106	32.87	cps
Gadolinium	160-2	13	30	30	24	39.37	cps
Holmium	165-1	9730489	9608893	9610850	9650078	0.72	cps
Holmium	165-2	2144257	2130925	2157087	2144089	0.61	cps
Indium	115-1	7450285	7396226	7383499	7410004	0.48	cps
Indium	115-2	369622	367328	371358	369436	0.55	cps
Iron	56-2	144037620	145077731	144866075	144660475	0.38	cps
Iron	57-2	3673820	3673918	3642188	3663309	0.50	cps
Lead	206-1	9626	9243	9426	9432	2.03	cps
Lead	207-1	8192	8214	7864	8090	2.42	cps
Lead	208-1	36771	37211	37145	37042	0.64	cps
Lithium	6-1	673950	659581	658398	663976	1.30	cps
Magnesium	24-2	15092816	15034537	14936750	15021368	0.53	cps
Manganese	55-2	1673	1650	1853	1726	6.45	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:46:05	DataFile Name :	011CAL5_P8091217- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4426	4401	4167	4331	3.29	cps
Molybdenum	95-1	5276	5735	5660	5557	4.43	cps
Molybdenum	96-1	8828	8612	8453	8631	2.18	cps
Molybdenum	97-1	3734	3659	3667	3687	1.12	cps
Molybdenum	98-1	8803	9262	8953	9006	2.60	cps
Neodymium	150-1	67	127	67	87	39.97	cps
Neodymium	150-2	7	10	17	11	45.82	cps
Nickel	60-2	2077	2190	2080	2116	3.05	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	4693461	4672642	4717243	4694449	0.48	cps
Rhodium	103-1	6543014	6468961	6404782	6472253	1.07	cps
Rhodium	103-2	1817206	1832149	1804971	1818109	0.75	cps
Scandium	45-1	3765291	3716282	3734443	3738672	0.66	cps
Scandium	45-2	37707	38984	38262	38318	1.67	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	6	6	4	86.60	cps
Selenium	82-1	-65	116	115	55	188.63	cps
Silicon	28-1	470750	475281	474605	473545	0.52	cps
Silver	109-1	892	625	983	833	22.34	cps
Silver	107-1	967	933	1008	970	3.88	cps
Sodium	23-2	36645148	36711135	36920327	36758870	0.39	cps
Strontium	86-1	82063	83010	82701	82591	0.58	cps
Strontium	88-1	709774	716467	714319	713520	0.48	cps
Sulfur	34-1	311010	309827	312987	311275	0.51	cps
Terbium	159-1	10230436	9977788	9981737	10063320	1.44	cps
Terbium	159-2	2085345	2092608	2099827	2092593	0.35	cps
Thallium	203-1	2642	2659	2509	2603	3.16	cps
Thallium	205-1	6168	6077	5418	5888	6.95	cps
Tin	118-1	6252	5443	5610	5768	7.40	cps
Titanium	47-1	675	825	833	778	11.46	cps
Uranium	238-1	2159	2009	2109	2092	3.65	cps
Vanadium	51-2	217	157	250	208	22.76	cps
Yttrium	89-1	7857963	7780396	7784983	7807781	0.56	cps
Yttrium	89-2	280313	281384	280325	280674	0.22	cps
Zinc	66-2	1130	1393	1173	1232	11.46	cps
Zirconium	90-1	2559	2784	2400	2581	7.47	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 12:46:05	DataFile Name :	011CALS_P8091217- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	675	508	642	608	14.50	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 13:05:07 DataFile Name : 016ICV01_P8091217- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3826	3334	3467	3542	7.18	cps
Antimony	121-1	1972317	1967776	1974119	1971404	0.17	cps
Arsenic	75-2	23676	23895	23828	23800	0.47	cps
Barium	135-1	202053	203263	200288	201868	0.74	cps
Barium	137-1	349153	344555	352306	348671	1.12	cps
Beryllium	9-1	91114	89410	91556	90693	1.25	cps
Bismuth	209-1	5973978	6098496	6099849	6057441	1.19	cps
Bismuth	209-2	1710378	1584696	1678426	1657833	3.94	cps
Boron	10-1	57784	58754	59499	58679	1.47	cps
Boron	11-1	272073	273245	282015	275778	1.97	cps
Cadmium	111-1	217218	217692	216893	217268	0.18	cps
Cadmium	106-1	34077	33927	32900	33635	1.91	cps
Cadmium	108-1	18826	18976	18492	18765	1.32	cps
Calcium	43-1	39866	39908	40994	40256	1.59	cps
Calcium	44-1	653584	647240	647862	649562	0.54	cps
Chromium	52-2	92916	93688	92342	92982	0.73	cps
Cobalt	59-2	198966	200106	197204	198759	0.74	cps
Copper	63-2	171622	171443	169600	170888	0.65	cps
Dysprosium	156-1	50	50	33	44	21.66	cps
Dysprosium	156-2	7	7	10	8	24.71	cps
Erbium	164-1	83	83	92	86	5.58	cps
Erbium	164-2	10	27	27	21	45.58	cps
Gadolinium	160-1	100	100	75	92	15.75	cps
Gadolinium	160-2	10	13	23	16	44.60	cps
Holmium	165-1	9722637	9944544	9887689	9851623	1.17	cps
Holmium	165-2	2246160	2128736	2220236	2198377	2.81	cps
Indium	115-1	7934863	8011583	8104549	8016998	1.06	cps
Indium	115-2	401742	376820	395632	391398	3.32	cps
Iron	56-2	636714	637466	635045	636408	0.19	cps
Iron	57-2	16382	15954	16121	16152	1.34	cps
Lead	206-1	1152928	1155549	1164704	1157727	0.53	cps
Lead	207-1	1008209	1003921	1018441	1010190	0.74	cps
Lead	208-1	4679016	4700627	4719637	4699760	0.43	cps
Lithium	6-1	720175	731708	732547	728144	0.95	cps
Magnesium	24-2	39406	39573	40233	39737	1.10	cps
Manganese	55-2	26722	26742	26746	26737	0.05	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:05:07	DataFile Name :	016ICV01_P8091217- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3808624	3767423	3809431	3795160	0.63	cps
Molybdenum	95-1	2073230	2078671	2071230	2074377	0.19	cps
Molybdenum	96-1	2653348	2653149	2655211	2653903	0.04	cps
Molybdenum	97-1	1261381	1255141	1263994	1260172	0.36	cps
Molybdenum	98-1	3326636	3317295	3325249	3323060	0.15	cps
Neodymium	150-1	20	47	40	36	39.03	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	58944	59148	57850	58648	1.19	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	43794	43869	43368	43677	0.62	cps
Rhodium	103-1	7219136	7360832	7393106	7324358	1.26	cps
Rhodium	103-2	2074658	1923217	2045366	2014414	3.99	cps
Scandium	45-1	3983727	3986126	4018944	3996266	0.49	cps
Scandium	45-2	41936	38486	40271	40231	4.29	cps
Selenium	77-2	130	183	170	161	17.23	cps
Selenium	78-2	563	585	582	577	2.06	cps
Selenium	82-1	25441	25279	25341	25354	0.32	cps
Silicon	28-1	1922615	1928111	1930283	1927003	0.21	cps
Silver	109-1	910543	904320	913235	909366	0.50	cps
Silver	107-1	954339	955009	959485	956278	0.29	cps
Sodium	23-2	163740	164576	162796	163704	0.54	cps
Strontium	86-1	1325534	1318022	1327251	1323602	0.37	cps
Strontium	88-1	11522540	11486635	11499323	11502833	0.16	cps
Sulfur	34-1	298651	295513	293319	295827	0.91	cps
Terbium	159-1	10171009	10293590	10425783	10296794	1.24	cps
Terbium	159-2	2224040	2020627	2151610	2132092	4.84	cps
Thallium	203-1	1453298	1453126	1470572	1458999	0.69	cps
Thallium	205-1	3503607	3515521	3530979	3516702	0.39	cps
Tin	118-1	3544876	3476130	3538870	3519959	1.08	cps
Titanium	47-1	486816	480845	482292	483318	0.64	cps
Uranium	238-1	11763268	11821906	11840215	11808463	0.34	cps
Vanadium	51-2	69699	69435	69387	69507	0.24	cps
Yttrium	89-1	8227480	8409603	8392594	8343226	1.21	cps
Yttrium	89-2	298857	281004	293303	291055	3.14	cps
Zinc	66-2	32695	32087	32695	32493	1.08	cps
Zirconium	90-1	7129550	7172693	7174755	7158999	0.36	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:05:07	DataFile Name :	016ICV01_P8091217- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1604363	1606566	1607019	1605983	0.09	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 13:08:32 DataFile Name : 017CCBE_P8091217- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	8	8	100.02	cps
Antimony	121-1	2400	2117	1984	2167	9.82	cps
Arsenic	75-2	11	9	2	7	66.16	cps
Barium	135-1	83	58	33	58	42.86	cps
Barium	137-1	67	75	25	56	48.22	cps
Beryllium	9-1	217	172	150	180	18.89	cps
Bismuth	209-1	5920189	5986518	5671738	5859482	2.83	cps
Bismuth	209-2	1685706	1688997	1681751	1685485	0.22	cps
Boron	10-1	2417	2634	2492	2514	4.38	cps
Boron	11-1	11689	11380	10571	11213	5.15	cps
Cadmium	111-1	1131	1329	1006	1155	14.08	cps
Cadmium	106-1	1600	1859	1442	1634	12.88	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	1300	1433	1450	1395	5.90	cps
Calcium	44-1	30417	32296	32564	31759	3.68	cps
Chromium	52-2	650	727	593	657	10.19	cps
Cobalt	59-2	57	80	70	69	16.99	cps
Copper	63-2	220	200	237	219	8.39	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	42	8	31	62.99	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	33	58	83	58	42.86	cps
Gadolinium	160-2	13	7	13	11	34.61	cps
Holmium	165-1	9619850	9721219	9350234	9563768	2.00	cps
Holmium	165-2	2214131	2231682	2183360	2209724	1.11	cps
Indium	115-1	8020501	8031537	7706726	7919588	2.33	cps
Indium	115-2	407276	406092	406188	406519	0.16	cps
Iron	56-2	2300	2161	2289	2250	3.43	cps
Iron	57-2	44	44	39	43	7.54	cps
Lead	206-1	1078	983	1095	1052	5.70	cps
Lead	207-1	800	828	739	789	5.76	cps
Lead	208-1	3773	3795	3439	3669	5.43	cps
Lithium	6-1	715100	717104	688360	706855	2.27	cps
Magnesium	24-2	225	317	275	272	16.86	cps
Manganese	55-2	110	87	67	88	24.71	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:08:32	DataFile Name :	017CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	658	583	467	569	16.96	cps
Molybdenum	95-1	483	383	442	436	11.52	cps
Molybdenum	96-1	600	542	683	608	11.70	cps
Molybdenum	97-1	192	367	267	275	31.93	cps
Molybdenum	98-1	658	733	692	694	5.41	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	207	207	167	193	11.94	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	3376	3634	3459	3489	3.78	cps
Rhodium	103-1	7309938	7284476	6921338	7171918	3.03	cps
Rhodium	103-2	2065390	2059436	2060710	2061845	0.15	cps
Scandium	45-1	3941768	3931951	3812440	3895387	1.85	cps
Scandium	45-2	41505	40595	40819	40973	1.16	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	-75	-51	-5	-43	-82.37	cps
Silicon	28-1	364926	373310	367588	368608	1.16	cps
Silver	109-1	167	183	192	181	7.05	cps
Silver	107-1	342	292	167	267	33.80	cps
Sodium	23-2	4776	5468	5501	5248	7.80	cps
Strontium	86-1	942	908	1067	972	8.59	cps
Strontium	88-1	533	525	450	503	9.13	cps
Sulfur	34-1	299830	301417	299002	300083	0.41	cps
Terbium	159-1	10095363	10195806	9684501	9991890	2.71	cps
Terbium	159-2	2213484	2161531	2153191	2176069	1.50	cps
Thallium	203-1	583	533	525	547	5.76	cps
Thallium	205-1	1400	1075	1142	1206	14.24	cps
Tin	118-1	3367	3242	3042	3217	5.10	cps
Titanium	47-1	242	250	92	194	45.83	cps
Uranium	238-1	850	675	708	745	12.48	cps
Vanadium	51-2	17	10	17	14	26.66	cps
Yttrium	89-1	8244847	8253813	7854865	8117841	2.81	cps
Yttrium	89-2	297666	299019	297750	298145	0.25	cps
Zinc	66-2	33	30	77	47	55.79	cps
Zirconium	90-1	950	892	642	828	19.79	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:08:32	DataFile Name :	017CCBE_P8091217- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	192	183	183	4.55	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 13:11:41 DataFile Name : 018ICSA01_P8091217-1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	591812	596800	592081	593564	0.47	cps
Antimony	121-1	12365	12356	12882	12534	2.40	cps
Arsenic	75-2	44	44	33	41	15.75	cps
Barium	135-1	2692	3051	2892	2878	6.24	cps
Barium	137-1	4743	5393	5201	5112	6.54	cps
Beryllium	9-1	333	322	456	370	19.98	cps
Bismuth	209-1	5883643	5866789	5869848	5873427	0.15	cps
Bismuth	209-2	1588887	1586210	1586771	1587289	0.09	cps
Boron	10-1	2225	2475	2267	2323	5.77	cps
Boron	11-1	10988	10629	10804	10807	1.66	cps
Cadmium	111-1	1478	1512	1662	1551	6.30	cps
Cadmium	106-1	1500	1567	1667	1578	5.32	cps
Cadmium	108-1	1025	967	942	978	4.37	cps
Calcium	43-1	1718735	1729298	1727149	1725061	0.32	cps
Calcium	44-1	27997452	27904079	28435426	28112319	1.01	cps
Chromium	52-2	18309	18553	18629	18497	0.90	cps
Cobalt	59-2	2190	2317	2154	2220	3.86	cps
Copper	63-2	12836	12880	12523	12746	1.53	cps
Dysprosium	156-1	42	8	33	28	62.46	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	75	83	33	64	41.93	cps
Erbium	164-2	20	3	10	11	75.52	cps
Gadolinium	160-1	83	133	50	89	47.19	cps
Gadolinium	160-2	3	13	23	13	75.02	cps
Holmium	165-1	9863222	9895642	9849666	9869510	0.24	cps
Holmium	165-2	2191823	2191088	2172785	2185232	0.49	cps
Indium	115-1	7894547	7962637	7964229	7940471	0.50	cps
Indium	115-2	390012	386354	385676	387347	0.60	cps
Iron	56-2	59067957	59693750	59211197	59324301	0.55	cps
Iron	57-2	1540264	1530927	1522121	1531104	0.59	cps
Lead	206-1	27246	25871	26506	26541	2.59	cps
Lead	207-1	21024	20356	21018	20799	1.85	cps
Lead	208-1	101142	97548	99525	99405	1.81	cps
Lithium	6-1	717026	719236	723459	719907	0.45	cps
Magnesium	24-2	3090378	3088436	3093268	3090694	0.08	cps
Manganese	55-2	2090	2080	2140	2104	1.53	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:11:41	DataFile Name :	018ICSA01_P8091217-1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4177289	4206692	4196704	4193561	0.36	cps
Molybdenum	95-1	7412964	7431008	7472614	7438862	0.41	cps
Molybdenum	96-1	7968751	7989203	7912885	7956946	0.50	cps
Molybdenum	97-1	4598859	4612758	4655040	4622219	0.63	cps
Molybdenum	98-1	12014330	12052445	11868146	11978307	0.81	cps
Neodymium	150-1	60	47	80	62	26.96	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	3004	3254	3210	3156	4.23	cps
Phosphorus	31-2	46854	47062	47013	46976	0.23	cps
Potassium	39-2	1928719	1932188	1939579	1933495	0.29	cps
Rhodium	103-1	7056561	7018626	6991590	7022259	0.46	cps
Rhodium	103-2	1966159	1928722	1955401	1950094	0.99	cps
Scandium	45-1	3939267	3970946	4007396	3972536	0.86	cps
Scandium	45-2	40589	39783	40184	40185	1.00	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	96	1	-70	9	904.18	cps
Silicon	28-1	470373	464190	467717	467426	0.66	cps
Silver	109-1	1942	1717	1909	1856	6.54	cps
Silver	107-1	1617	2059	2050	1909	13.24	cps
Sodium	23-2	7447285	7554220	7462243	7487916	0.77	cps
Strontium	86-1	83027	83564	84839	83810	1.11	cps
Strontium	88-1	726760	725994	724503	725752	0.16	cps
Sulfur	34-1	2257883	2248053	2271673	2259203	0.53	cps
Terbium	159-1	10339835	10362751	10309977	10337521	0.26	cps
Terbium	159-2	2157326	2126947	2111055	2131776	1.10	cps
Thallium	203-1	950	1058	808	939	13.35	cps
Thallium	205-1	2259	2325	2384	2323	2.69	cps
Tin	118-1	2767	2750	3017	2845	5.25	cps
Titanium	47-1	1791523	1816136	1820796	1809485	0.87	cps
Uranium	238-1	633	583	658	625	6.11	cps
Vanadium	51-2	77	80	110	89	20.65	cps
Yttrium	89-1	8183414	8259204	8254974	8232531	0.52	cps
Yttrium	89-2	292171	290383	287544	290033	0.80	cps
Zinc	66-2	2010	1730	2007	1916	8.39	cps
Zirconium	90-1	2009	1800	2109	1972	7.98	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:11:41	DataFile Name :	018ICSA01_P8091217-1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	383	517	433	16.77	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:14:46	DataFile Name :	019ICSB_P8091217- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	586204	571685	587999	581963	1.54	cps
Antimony	121-1	195707	201363	197337	198135	1.47	cps
Arsenic	75-2	2202	2146	2213	2187	1.63	cps
Barium	135-1	41717	40764	40664	41048	1.42	cps
Barium	137-1	73095	72616	72584	72765	0.39	cps
Beryllium	9-1	18012	17939	17628	17860	1.14	cps
Bismuth	209-1	5721726	5792905	5748584	5754405	0.62	cps
Bismuth	209-2	1582975	1566076	1578193	1575748	0.55	cps
Boron	10-1	7286	7027	7427	7247	2.80	cps
Boron	11-1	32388	34008	34125	33507	2.90	cps
Cadmium	111-1	40739	41960	41139	41279	1.51	cps
Cadmium	106-1	6285	6669	6310	6421	3.34	cps
Cadmium	108-1	4180	4026	4034	4080	2.13	cps
Calcium	43-1	1676005	1705324	1690708	1690679	0.87	cps
Calcium	44-1	27452154	28039523	27644290	27711989	1.08	cps
Chromium	52-2	35418	34399	35519	35112	1.76	cps
Cobalt	59-2	39998	38617	39262	39292	1.76	cps
Copper	63-2	44592	44244	44796	44544	0.63	cps
Dysprosium	156-1	33	33	58	42	34.65	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	133	200	150	161	21.53	cps
Gadolinium	160-2	23	13	20	19	26.96	cps
Holmium	165-1	9713671	9914080	9823522	9817091	1.02	cps
Holmium	165-2	2204122	2156576	2174628	2178442	1.10	cps
Indium	115-1	7829568	7946780	7803577	7859975	0.97	cps
Indium	115-2	390128	383037	387043	386736	0.92	cps
Iron	56-2	58586993	57769790	59067255	58474680	1.12	cps
Iron	57-2	1487512	1479646	1516221	1494460	1.29	cps
Lead	206-1	134308	138520	135869	136232	1.56	cps
Lead	207-1	111323	115784	112949	113352	1.99	cps
Lead	208-1	521155	531098	522984	525079	1.01	cps
Lithium	6-1	705535	711619	703997	707050	0.57	cps
Magnesium	24-2	3052428	2967069	3038097	3019198	1.51	cps
Manganese	55-2	7179	7019	7002	7066	1.38	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:14:46	DataFile Name :	019ICSB_P8091217- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4467409	4521481	4521727	4503539	0.69	cps
Molybdenum	95-1	7426603	7619695	7493867	7513388	1.30	cps
Molybdenum	96-1	7970734	8158358	7960483	8029858	1.39	cps
Molybdenum	97-1	4676617	4714500	4665066	4685394	0.55	cps
Molybdenum	98-1	12085959	12177310	11965296	12076188	0.88	cps
Neodymium	150-1	33	20	67	40	60.10	cps
Neodymium	150-2	13	3	17	11	62.48	cps
Nickel	60-2	14031	13864	13767	13887	0.96	cps
Phosphorus	31-2	47481	46142	47146	46923	1.48	cps
Potassium	39-2	1919152	1880401	1883462	1894338	1.14	cps
Rhodium	103-1	6926556	6954088	6883963	6921536	0.51	cps
Rhodium	103-2	1931176	1932702	1964468	1942782	0.97	cps
Scandium	45-1	3896606	3948793	3948562	3931320	0.76	cps
Scandium	45-2	39599	38961	39689	39416	1.01	cps
Selenium	77-2	23	10	27	20	44.10	cps
Selenium	78-2	37	54	61	51	24.35	cps
Selenium	82-1	2221	2471	2489	2393	6.26	cps
Silicon	28-1	631518	637728	645912	638386	1.13	cps
Silver	109-1	169639	174727	171842	172069	1.48	cps
Silver	107-1	181134	183306	180814	181751	0.75	cps
Sodium	23-2	7385999	7275298	7357991	7339763	0.78	cps
Strontium	86-1	210541	210007	211987	210845	0.49	cps
Strontium	88-1	1848940	1867187	1861093	1859073	0.50	cps
Sulfur	34-1	2195677	2224562	2199921	2206720	0.71	cps
Terbium	159-1	10090468	10349246	10173802	10204505	1.29	cps
Terbium	159-2	2131145	2093408	2126267	2116940	0.97	cps
Thallium	203-1	135431	138665	135229	136442	1.41	cps
Thallium	205-1	322281	330051	325937	326090	1.19	cps
Tin	118-1	336456	343118	338001	339192	1.03	cps
Titanium	47-1	1813845	1834743	1815601	1821396	0.64	cps
Uranium	238-1	1042841	1067421	1056031	1055431	1.17	cps
Vanadium	51-2	13036	12946	13400	13127	1.83	cps
Yttrium	89-1	8114049	8287850	8161361	8187753	1.10	cps
Yttrium	89-2	291858	288686	293594	291379	0.85	cps
Zinc	66-2	5031	4771	4821	4874	2.83	cps
Zirconium	90-1	698575	710085	702391	703683	0.83	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:14:46	DataFile Name :	019ICSB_P8091217- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	156303	156676	155866	156281	0.26	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:17:51	DataFile Name :	020CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	326409	327470	327298	327059	0.17	cps
Antimony	121-1	4925340	4873340	4952979	4917220	0.82	cps
Arsenic	75-2	57971	57315	57798	57694	0.59	cps
Barium	135-1	5094340	5034679	5047365	5058795	0.62	cps
Barium	137-1	8775467	8714606	8763026	8751033	0.37	cps
Beryllium	9-1	453070	451622	457065	453919	0.62	cps
Bismuth	209-1	5916740	5861854	5923613	5900736	0.57	cps
Bismuth	209-2	1602349	1611671	1602040	1605353	0.34	cps
Boron	10-1	54445	55600	56529	55525	1.88	cps
Boron	11-1	255705	257901	262856	258821	1.42	cps
Cadmium	111-1	1014108	1003838	1009443	1009130	0.51	cps
Cadmium	106-1	105040	103504	103362	103968	0.90	cps
Cadmium	108-1	72259	70638	70835	71244	1.24	cps
Calcium	43-1	4355024	4268073	4368120	4330406	1.26	cps
Calcium	44-1	71072947	71077858	71742762	71297856	0.54	cps
Chromium	52-2	455994	459071	454760	456608	0.49	cps
Cobalt	59-2	931866	938207	931504	933859	0.40	cps
Copper	63-2	1606018	1610954	1600609	1605860	0.32	cps
Dysprosium	156-1	83	67	133	94	36.73	cps
Dysprosium	156-2	23	27	17	22	22.91	cps
Erbium	164-1	33	75	67	58	37.80	cps
Erbium	164-2	20	7	7	11	69.25	cps
Gadolinium	160-1	167	167	158	164	2.94	cps
Gadolinium	160-2	33	37	37	36	5.42	cps
Holmium	165-1	9986077	9978259	9904125	9956154	0.45	cps
Holmium	165-2	2209934	2224426	2227229	2220530	0.42	cps
Indium	115-1	7883826	7767162	7748455	7799814	0.94	cps
Indium	115-2	381632	383255	380792	381893	0.33	cps
Iron	56-2	74367593	74548191	74355818	74423867	0.14	cps
Iron	57-2	1909959	1936319	1910995	1919091	0.78	cps
Lead	206-1	2915113	2901805	2906504	2907807	0.23	cps
Lead	207-1	2648769	2673857	2662910	2661845	0.47	cps
Lead	208-1	11854441	11804292	11763420	11807384	0.39	cps
Lithium	6-1	698075	703755	701924	701251	0.41	cps
Magnesium	24-2	7801696	7897354	7801085	7833379	0.71	cps
Manganese	55-2	260173	259079	258441	259231	0.34	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:17:51	DataFile Name :	020CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3740068	3738227	3731565	3736620	0.12	cps
Molybdenum	95-1	2004119	2023094	2034211	2020475	0.75	cps
Molybdenum	96-1	2609525	2604863	2580725	2598371	0.59	cps
Molybdenum	97-1	1221514	1227242	1219563	1222773	0.33	cps
Molybdenum	98-1	3248300	3266784	3217910	3244331	0.76	cps
Neodymium	150-1	253	187	180	207	19.62	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	270533	268833	269646	269670	0.32	cps
Phosphorus	31-2	5101	5176	4868	5048	3.19	cps
Potassium	39-2	2482480	2466544	2465557	2471527	0.38	cps
Rhodium	103-1	6866242	6831623	6851668	6849845	0.25	cps
Rhodium	103-2	1929918	1952007	1906674	1929533	1.17	cps
Scandium	45-1	3993750	3912214	3933476	3946480	1.07	cps
Scandium	45-2	40167	40950	40679	40599	0.98	cps
Selenium	77-2	430	410	367	402	8.05	cps
Selenium	78-2	1383	1459	1361	1401	3.67	cps
Selenium	82-1	61614	60582	61762	61319	1.05	cps
Silicon	28-1	1924873	1933938	1953007	1937273	0.74	cps
Silver	109-1	4632282	4584470	4655114	4623955	0.78	cps
Silver	107-1	4863781	4892085	4923484	4893117	0.61	cps
Sodium	23-2	19257331	19240729	19289916	19262659	0.13	cps
Strontium	86-1	1313494	1320628	1322479	1318867	0.36	cps
Strontium	88-1	11503664	11274598	11322131	11366798	1.06	cps
Sulfur	34-1	546607	551040	559045	552230	1.14	cps
Terbium	159-1	10400352	10355776	10331447	10362525	0.34	cps
Terbium	159-2	2190609	2187603	2183672	2187295	0.16	cps
Thallium	203-1	3649750	3571891	3614727	3612123	1.08	cps
Thallium	205-1	8484165	8367661	8455399	8435742	0.72	cps
Tin	118-1	3401929	3361935	3385665	3383177	0.59	cps
Titanium	47-1	468821	469739	465654	468071	0.46	cps
Uranium	238-1	11111100	11038171	11054219	11067830	0.35	cps
Vanadium	51-2	341677	342709	342279	342222	0.15	cps
Yttrium	89-1	8177794	8218464	8133937	8176732	0.52	cps
Yttrium	89-2	289421	292463	289790	290558	0.57	cps
Zinc	66-2	148528	148353	149138	148673	0.28	cps
Zirconium	90-1	7140970	7072778	7076290	7096679	0.54	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV95	Instrumnet Name :	P8
Client Sample ID :	CCV95	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:17:51	DataFile Name :	020CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1590952	1576301	1605790	1591014	0.93	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : CCB95 Instrumnet Name : P8
 Client Sample ID : CCB95 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 13:20:50 DataFile Name : 021CCBE_P8091217- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	25	19	49.50	cps
Antimony	121-1	3409	3301	3759	3489	6.87	cps
Arsenic	75-2	6	17	6	9	69.24	cps
Barium	135-1	183	42	150	125	59.25	cps
Barium	137-1	217	133	333	228	44.11	cps
Beryllium	9-1	206	233	239	226	7.91	cps
Bismuth	209-1	6011670	6033288	5876221	5973727	1.43	cps
Bismuth	209-2	1689678	1565589	1678499	1644589	4.17	cps
Boron	10-1	2025	2134	1492	1884	18.24	cps
Boron	11-1	9645	9103	8561	9103	5.95	cps
Cadmium	111-1	1080	1131	1101	1104	2.31	cps
Cadmium	106-1	1450	1559	1533	1514	3.75	cps
Cadmium	108-1	21	21	8	17	43.31	cps
Calcium	43-1	1734	1492	1567	1597	7.75	cps
Calcium	44-1	34694	33992	36507	35064	3.70	cps
Chromium	52-2	613	703	693	670	7.36	cps
Cobalt	59-2	60	50	47	52	13.28	cps
Copper	63-2	453	407	340	400	14.24	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	58	42	47	20.38	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	67	100	75	81	21.53	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	9774891	9680541	9689215	9714882	0.54	cps
Holmium	165-2	2244502	2081779	2191095	2172459	3.82	cps
Indium	115-1	8046723	8012499	7971002	8010075	0.47	cps
Indium	115-2	406220	377346	397696	393754	3.77	cps
Iron	56-2	4984	3745	3195	3975	23.06	cps
Iron	57-2	172	144	111	143	21.46	cps
Lead	206-1	989	856	1167	1004	15.55	cps
Lead	207-1	1033	794	939	922	13.05	cps
Lead	208-1	4345	3734	4317	4132	8.35	cps
Lithium	6-1	718422	715552	712889	715621	0.39	cps
Magnesium	24-2	492	392	292	392	25.53	cps
Manganese	55-2	63	83	63	70	16.50	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:20:50	DataFile Name :	021CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	808	675	733	739	9.05	cps
Molybdenum	95-1	775	625	633	678	12.44	cps
Molybdenum	96-1	733	833	908	825	10.64	cps
Molybdenum	97-1	467	458	458	461	1.04	cps
Molybdenum	98-1	1167	1083	967	1072	9.37	cps
Neodymium	150-1	27	20	27	24	15.75	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	213	227	200	213	6.25	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	4076	4142	3809	4009	4.40	cps
Rhodium	103-1	7112882	7171907	7094179	7126323	0.57	cps
Rhodium	103-2	2068457	1920435	2011024	1999972	3.73	cps
Scandium	45-1	3988430	3933219	3943936	3955195	0.74	cps
Scandium	45-2	40144	37540	39489	39058	3.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	12	-33	-2	-8	-289.95	cps
Silicon	28-1	360145	351921	356303	356123	1.16	cps
Silver	109-1	725	500	558	594	19.64	cps
Silver	107-1	692	592	567	617	10.73	cps
Sodium	23-2	11088	11021	10880	10996	0.97	cps
Strontium	86-1	992	867	933	931	6.72	cps
Strontium	88-1	383	283	392	353	17.09	cps
Sulfur	34-1	302326	302317	302839	302494	0.10	cps
Terbium	159-1	10175993	10160930	10144288	10160404	0.16	cps
Terbium	159-2	2180434	2023763	2127507	2110568	3.78	cps
Thallium	203-1	850	708	1083	881	21.51	cps
Thallium	205-1	2334	2009	1709	2017	15.50	cps
Tin	118-1	2184	1950	1909	2014	7.36	cps
Titanium	47-1	117	208	250	192	35.59	cps
Uranium	238-1	433	258	558	417	36.17	cps
Vanadium	51-2	20	7	13	13	49.99	cps
Yttrium	89-1	8170953	8196144	8182650	8183249	0.15	cps
Yttrium	89-2	292197	275399	293723	287106	3.54	cps
Zinc	66-2	83	70	83	79	9.76	cps
Zirconium	90-1	967	967	1075	1003	6.24	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB95	Instrumnet Name :	P8
Client Sample ID :	CCB95	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:20:50	DataFile Name :	021CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	292	200	233	242	19.20	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 13:24:00 DataFile Name : 022SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	150	117	122	20.83	cps
Antimony	121-1	17955	18455	17930	18113	1.64	cps
Arsenic	75-2	89	117	98	101	13.97	cps
Barium	135-1	16402	16411	17287	16700	3.04	cps
Barium	137-1	29099	29634	29642	29459	1.06	cps
Beryllium	9-1	1061	1033	950	1015	5.70	cps
Bismuth	209-1	5641626	5746415	5767850	5718630	1.18	cps
Bismuth	209-2	1561644	1547693	1621459	1576932	2.49	cps
Boron	10-1	3159	3092	3334	3195	3.91	cps
Boron	11-1	16035	16493	16251	16260	1.41	cps
Cadmium	111-1	2863	3084	2962	2970	3.73	cps
Cadmium	106-1	1709	1750	1792	1750	2.38	cps
Cadmium	108-1	113	154	138	135	15.57	cps
Calcium	43-1	9212	9729	8845	9262	4.79	cps
Calcium	44-1	152873	160323	157188	156794	2.39	cps
Chromium	52-2	2037	2454	2360	2284	9.58	cps
Cobalt	59-2	1740	1703	1877	1773	5.15	cps
Copper	63-2	3611	3290	3784	3562	7.03	cps
Dysprosium	156-1	33	33	33	33	0.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	83	58	67	69	18.33	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	9249067	9707428	9381688	9446061	2.50	cps
Holmium	165-2	2090135	2052788	2135643	2092855	1.98	cps
Indium	115-1	7765378	7966367	7825685	7852477	1.31	cps
Indium	115-2	383023	379068	395932	386008	2.28	cps
Iron	56-2	28535	28368	30840	29248	4.72	cps
Iron	57-2	778	711	733	741	4.58	cps
Lead	206-1	5874	6824	6391	6363	7.48	cps
Lead	207-1	5579	5985	5735	5766	3.55	cps
Lead	208-1	25400	26784	25961	26048	2.67	cps
Lithium	6-1	688077	709948	701739	699921	1.58	cps
Magnesium	24-2	14508	13657	14441	14202	3.33	cps
Manganese	55-2	313	257	313	294	11.11	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:24:00	DataFile Name :	022SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13624	14450	14058	14044	2.94	cps
Molybdenum	95-1	16385	17504	16961	16950	3.30	cps
Molybdenum	96-1	18088	18972	18004	18355	2.92	cps
Molybdenum	97-1	10563	9871	10404	10279	3.53	cps
Molybdenum	98-1	25884	26811	27520	26738	3.07	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	790	750	657	732	9.35	cps
Phosphorus	31-2	25	0	17	14	91.65	cps
Potassium	39-2	12289	11981	12389	12220	1.74	cps
Rhodium	103-1	6953507	7175413	7092489	7073803	1.59	cps
Rhodium	103-2	1938295	1903880	2005827	1949334	2.66	cps
Scandium	45-1	3775253	3953710	3884108	3871024	2.32	cps
Scandium	45-2	38489	37831	40020	38780	2.90	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	17	13	11	14	20.85	cps
Selenium	82-1	569	478	544	531	8.93	cps
Silicon	28-1	374768	374075	376438	375094	0.32	cps
Silver	109-1	10388	11222	10880	10830	3.87	cps
Silver	107-1	11656	12048	11480	11728	2.48	cps
Sodium	23-2	41361	40057	42231	41216	2.65	cps
Strontium	86-1	3326	3334	2884	3181	8.09	cps
Strontium	88-1	19557	20016	19665	19746	1.21	cps
Sulfur	34-1	296788	300148	298321	298419	0.56	cps
Terbium	159-1	9769392	10101793	9889904	9920363	1.70	cps
Terbium	159-2	2008936	2042915	2117390	2056414	2.70	cps
Thallium	203-1	6202	6469	6335	6335	2.11	cps
Thallium	205-1	15302	16044	14843	15396	3.94	cps
Tin	118-1	29534	30093	29759	29795	0.94	cps
Titanium	47-1	4159	4359	4109	4209	3.14	cps
Uranium	238-1	17354	18440	17688	17827	3.12	cps
Vanadium	51-2	2870	2920	3120	2970	4.45	cps
Yttrium	89-1	7920914	8168679	8090298	8059964	1.57	cps
Yttrium	89-2	280035	277860	291489	283128	2.59	cps
Zinc	66-2	367	357	327	350	5.95	cps
Zirconium	90-1	12139	12790	12973	12634	3.47	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:24:00	DataFile Name :	022SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2684	2759	2667	2703	1.81	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102198BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:27:10	DataFile Name :	023CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	17	14	34.67	cps
Antimony	121-1	633	583	608	608	4.11	cps
Arsenic	75-2	7	6	11	8	35.21	cps
Barium	135-1	50	42	42	44	10.82	cps
Barium	137-1	100	75	42	72	40.52	cps
Beryllium	9-1	167	172	189	176	6.58	cps
Bismuth	209-1	5860148	5841260	5414245	5705218	4.42	cps
Bismuth	209-2	1689348	1670027	1669399	1676258	0.68	cps
Boron	10-1	1075	1250	1383	1236	12.51	cps
Boron	11-1	4851	5351	4893	5032	5.52	cps
Cadmium	111-1	1087	1126	1066	1093	2.75	cps
Cadmium	106-1	1517	1575	1492	1528	2.80	cps
Cadmium	108-1	0	21	4	8	132.26	cps
Calcium	43-1	1559	1375	1742	1559	11.77	cps
Calcium	44-1	32480	30760	32472	31904	3.11	cps
Chromium	52-2	693	673	550	639	12.15	cps
Cobalt	59-2	67	63	43	58	21.85	cps
Copper	63-2	323	353	290	322	9.83	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	17	13	13	14	13.35	cps
Gadolinium	160-1	75	100	75	83	17.33	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	9516659	9512013	8822926	9283866	4.30	cps
Holmium	165-2	2243449	2199050	2191044	2211181	1.28	cps
Indium	115-1	8055436	7972821	7415494	7814584	4.45	cps
Indium	115-2	410411	403920	403666	405999	0.94	cps
Iron	56-2	2539	2467	2561	2523	1.96	cps
Iron	57-2	56	50	56	54	5.98	cps
Lead	206-1	928	872	900	900	3.09	cps
Lead	207-1	806	811	767	795	3.05	cps
Lead	208-1	3717	3489	3584	3597	3.18	cps
Lithium	6-1	711121	712048	657044	693404	4.54	cps
Magnesium	24-2	450	317	283	350	25.20	cps
Manganese	55-2	90	100	100	97	5.97	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102198BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:27:10	DataFile Name :	023CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	367	217	300	25.46	cps
Molybdenum	95-1	183	200	183	189	5.10	cps
Molybdenum	96-1	325	250	333	303	15.16	cps
Molybdenum	97-1	167	125	150	147	14.24	cps
Molybdenum	98-1	358	425	333	372	12.73	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	247	203	193	214	13.22	cps
Phosphorus	31-2	17	8	33	19	65.48	cps
Potassium	39-2	3617	3484	3434	3512	2.70	cps
Rhodium	103-1	7225789	7283262	6638063	7049038	5.07	cps
Rhodium	103-2	2077790	2063108	2051421	2064107	0.64	cps
Scandium	45-1	3964949	3974021	3617905	3852292	5.27	cps
Scandium	45-2	41107	40943	40913	40988	0.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	7	-85	4	-25	-211.80	cps
Silicon	28-1	346284	343176	348127	345862	0.72	cps
Silver	109-1	300	267	200	256	19.92	cps
Silver	107-1	367	325	408	367	11.36	cps
Sodium	23-2	6752	7327	6894	6991	4.29	cps
Strontium	86-1	792	933	975	900	10.68	cps
Strontium	88-1	192	250	225	222	13.17	cps
Sulfur	34-1	308728	308195	305961	307628	0.48	cps
Terbium	159-1	10184804	10035568	9277288	9832553	4.95	cps
Terbium	159-2	2189896	2153616	2183455	2175655	0.89	cps
Thallium	203-1	308	317	225	283	17.89	cps
Thallium	205-1	783	883	808	825	6.31	cps
Tin	118-1	1192	1367	1258	1272	6.94	cps
Titanium	47-1	225	75	200	167	48.22	cps
Uranium	238-1	167	167	133	156	12.37	cps
Vanadium	51-2	7	7	23	12	78.69	cps
Yttrium	89-1	8188697	8160071	7414662	7921143	5.54	cps
Yttrium	89-2	299118	297242	299518	298626	0.41	cps
Zinc	66-2	83	73	53	70	21.82	cps
Zirconium	90-1	617	583	783	661	16.21	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102198BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:27:10	DataFile Name :	023CCBE_P8091217- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	158	175	161	7.90	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : PB102198BS Instrumnet Name : P8
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 13:30:19 DataFile Name : 024LCSE_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	308	217	247	21.41	cps
Antimony	121-1	37896	37905	37938	37913	0.06	cps
Arsenic	75-2	263	270	252	262	3.56	cps
Barium	135-1	36284	38407	37320	37337	2.84	cps
Barium	137-1	65128	64902	64232	64754	0.72	cps
Beryllium	9-1	1822	2039	1895	1919	5.75	cps
Bismuth	209-1	5828476	5825356	5638641	5764158	1.89	cps
Bismuth	209-2	1657273	1659191	1640187	1652217	0.63	cps
Boron	10-1	5093	5618	5593	5435	5.45	cps
Boron	11-1	25866	27795	27736	27132	4.04	cps
Cadmium	111-1	5171	5224	5258	5218	0.84	cps
Cadmium	106-1	2009	2084	2117	2070	2.68	cps
Cadmium	108-1	313	313	267	297	8.90	cps
Calcium	43-1	18688	17971	18913	18524	2.66	cps
Calcium	44-1	306331	308228	305291	306617	0.49	cps
Chromium	52-2	4327	4247	4474	4350	2.64	cps
Cobalt	59-2	3824	4097	3811	3911	4.14	cps
Copper	63-2	6955	7385	7232	7191	3.03	cps
Dysprosium	156-1	0	50	8	19	137.78	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	100	58	67	75	29.39	cps
Erbium	164-2	10	23	23	19	40.75	cps
Gadolinium	160-1	83	83	75	81	5.98	cps
Gadolinium	160-2	10	10	0	7	86.60	cps
Holmium	165-1	9656625	9614338	9440612	9570525	1.20	cps
Holmium	165-2	2269307	2252264	2193414	2238328	1.78	cps
Indium	115-1	8118001	8101320	7908611	8042644	1.45	cps
Indium	115-2	409236	406988	403689	406637	0.69	cps
Iron	56-2	240980	241950	242178	241703	0.26	cps
Iron	57-2	6224	5735	5885	5948	4.21	cps
Lead	206-1	13051	13519	13063	13211	2.02	cps
Lead	207-1	12557	11756	12440	12251	3.53	cps
Lead	208-1	53840	52911	53896	53549	1.03	cps
Lithium	6-1	731665	728166	711594	723808	1.48	cps
Magnesium	24-2	30500	30626	29665	30264	1.73	cps
Manganese	55-2	620	717	723	687	8.42	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102198BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:30:19	DataFile Name :	024LCSE_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	30844	31337	31112	31098	0.79	cps
Molybdenum	95-1	36383	37069	37703	37052	1.78	cps
Molybdenum	96-1	40462	40578	41406	40815	1.26	cps
Molybdenum	97-1	23079	23004	22002	22695	2.65	cps
Molybdenum	98-1	59858	59859	58954	59557	0.88	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1503	1373	1347	1408	5.95	cps
Phosphorus	31-2	25	33	8	22	57.29	cps
Potassium	39-2	22510	22677	22469	22552	0.49	cps
Rhodium	103-1	7289905	7325188	7175614	7263569	1.08	cps
Rhodium	103-2	2106420	2050032	2053145	2069866	1.53	cps
Scandium	45-1	4010626	4038535	3921577	3990246	1.53	cps
Scandium	45-2	41070	41391	41217	41226	0.39	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	33	33	39	35	9.12	cps
Selenium	82-1	1156	1299	1130	1195	7.62	cps
Silicon	28-1	429351	432807	430999	431052	0.40	cps
Silver	109-1	19031	18689	19089	18936	1.14	cps
Silver	107-1	19857	19515	19340	19570	1.34	cps
Sodium	23-2	81944	80494	81182	81207	0.89	cps
Strontium	86-1	6102	5918	5968	5996	1.58	cps
Strontium	88-1	44390	44097	44214	44234	0.33	cps
Sulfur	34-1	315157	317366	317391	316638	0.40	cps
Terbium	159-1	10284546	10026991	9867354	10059631	2.09	cps
Terbium	159-2	2182990	2179359	2141955	2168102	1.05	cps
Thallium	203-1	13399	13499	12657	13185	3.49	cps
Thallium	205-1	31081	31498	32276	31618	1.92	cps
Tin	118-1	62991	63828	63979	63599	0.84	cps
Titanium	47-1	8628	8386	9012	8675	3.64	cps
Uranium	238-1	39004	38695	38493	38731	0.66	cps
Vanadium	51-2	6808	6508	6468	6595	2.82	cps
Yttrium	89-1	8307639	8265569	8161401	8244870	0.91	cps
Yttrium	89-2	302947	300867	296383	300065	1.12	cps
Zinc	66-2	733	723	710	722	1.62	cps
Zirconium	90-1	27420	28097	27512	27676	1.33	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102198BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:30:19	DataFile Name :	024LCSE_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6385	5793	6035	6071	4.90	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102199BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:33:28	DataFile Name :	025CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	8	8	100.02	cps
Antimony	121-1	233	375	342	317	23.39	cps
Arsenic	75-2	7	2	0	3	124.95	cps
Barium	135-1	17	25	58	33	66.14	cps
Barium	137-1	50	67	67	61	15.75	cps
Beryllium	9-1	100	111	117	109	7.77	cps
Bismuth	209-1	6039686	5968032	5713634	5907117	2.90	cps
Bismuth	209-2	1590301	1548990	1605527	1581606	1.85	cps
Boron	10-1	792	933	925	883	9.00	cps
Boron	11-1	4309	4468	4376	4384	1.81	cps
Cadmium	111-1	1071	1087	1125	1095	2.52	cps
Cadmium	106-1	1517	1534	1600	1550	2.84	cps
Cadmium	108-1	4	4	17	8	86.57	cps
Calcium	43-1	1592	1325	1283	1400	11.95	cps
Calcium	44-1	32297	30944	31603	31615	2.14	cps
Chromium	52-2	677	627	673	659	4.24	cps
Cobalt	59-2	57	57	50	54	7.07	cps
Copper	63-2	340	273	340	318	12.11	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	92	92	50	78	30.93	cps
Gadolinium	160-2	7	30	0	12	128.87	cps
Holmium	165-1	9969136	9705965	9481538	9718880	2.51	cps
Holmium	165-2	2134723	2067798	2126091	2109537	1.73	cps
Indium	115-1	8335110	8160731	7984753	8160198	2.15	cps
Indium	115-2	387086	376703	388000	383930	1.63	cps
Iron	56-2	2261	2284	2161	2235	2.91	cps
Iron	57-2	111	61	72	81	32.23	cps
Lead	206-1	1078	917	806	933	14.67	cps
Lead	207-1	783	861	783	809	5.55	cps
Lead	208-1	3900	3767	3589	3752	4.16	cps
Lithium	6-1	740706	727637	711252	726532	2.03	cps
Magnesium	24-2	375	458	233	356	31.99	cps
Manganese	55-2	90	60	77	76	19.89	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102199BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:33:28	DataFile Name :	025CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	317	367	225	303	23.73	cps
Molybdenum	95-1	117	117	92	108	13.32	cps
Molybdenum	96-1	200	242	158	200	20.83	cps
Molybdenum	97-1	167	92	50	103	57.53	cps
Molybdenum	98-1	292	217	175	228	25.96	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	197	230	213	213	7.81	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	3442	3326	3534	3434	3.04	cps
Rhodium	103-1	7448118	7369333	7131596	7316349	2.25	cps
Rhodium	103-2	1961474	1895711	2003410	1953532	2.78	cps
Scandium	45-1	4063327	4026705	3927240	4005757	1.76	cps
Scandium	45-2	38356	37911	38944	38404	1.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-6	59	86	47	101.69	cps
Silicon	28-1	348935	342567	349159	346887	1.08	cps
Silver	109-1	292	342	425	353	19.09	cps
Silver	107-1	467	258	367	364	28.63	cps
Sodium	23-2	6160	5676	6043	5960	4.23	cps
Strontium	86-1	983	900	825	903	8.77	cps
Strontium	88-1	158	233	250	214	22.83	cps
Sulfur	34-1	312884	317213	315816	315304	0.70	cps
Terbium	159-1	10434171	10219312	9936126	10196536	2.45	cps
Terbium	159-2	2060000	2021201	2111919	2064373	2.20	cps
Thallium	203-1	192	292	233	239	21.03	cps
Thallium	205-1	567	633	683	628	9.32	cps
Tin	118-1	1242	1417	1183	1281	9.49	cps
Titanium	47-1	192	158	108	153	27.45	cps
Uranium	238-1	125	183	142	150	20.03	cps
Vanadium	51-2	20	27	7	18	57.27	cps
Yttrium	89-1	8445149	8395424	8071005	8303859	2.45	cps
Yttrium	89-2	285373	277815	285140	282776	1.52	cps
Zinc	66-2	50	57	63	57	11.76	cps
Zirconium	90-1	608	500	542	550	9.94	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102199BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:33:28	DataFile Name :	025CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	150	125	131	13.29	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : PB102199BS Instrumnet Name : P8
 Client Sample ID : LCS007 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 13:36:38 DataFile Name : 026LCSE_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	183	300	247	23.92	cps
Antimony	121-1	36192	37353	35899	36481	2.11	cps
Arsenic	75-2	222	281	213	239	15.56	cps
Barium	135-1	37020	36359	35925	36435	1.51	cps
Barium	137-1	63135	64039	62741	63305	1.05	cps
Beryllium	9-1	1861	1834	1822	1839	1.09	cps
Bismuth	209-1	5858393	5895500	5804201	5852698	0.78	cps
Bismuth	209-2	1686322	1491828	1670733	1616294	6.69	cps
Boron	10-1	4901	5360	5318	5193	4.88	cps
Boron	11-1	24321	26041	26809	25724	4.95	cps
Cadmium	111-1	5047	5075	5270	5131	2.36	cps
Cadmium	106-1	1992	2092	2059	2047	2.49	cps
Cadmium	108-1	300	325	288	304	6.28	cps
Calcium	43-1	17912	18221	18696	18276	2.16	cps
Calcium	44-1	299450	299042	298220	298904	0.21	cps
Chromium	52-2	4414	4367	4294	4359	1.39	cps
Cobalt	59-2	3811	3777	3761	3783	0.67	cps
Copper	63-2	7145	7192	7072	7136	0.85	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	50	92	58	67	33.07	cps
Erbium	164-2	0	13	20	11	91.66	cps
Gadolinium	160-1	75	50	33	53	39.73	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	9735675	9907556	9710780	9784670	1.10	cps
Holmium	165-2	2270647	1991751	2218595	2160331	6.86	cps
Indium	115-1	8065543	8286510	8174793	8175615	1.35	cps
Indium	115-2	421268	368557	410764	400196	6.97	cps
Iron	56-2	236064	242439	236985	238496	1.44	cps
Iron	57-2	5824	6240	5935	6000	3.60	cps
Lead	206-1	12773	12529	12840	12714	1.29	cps
Lead	207-1	11461	11289	11639	11463	1.53	cps
Lead	208-1	51520	50318	51770	51203	1.52	cps
Lithium	6-1	733851	749254	737489	740198	1.09	cps
Magnesium	24-2	29891	31377	30208	30492	2.57	cps
Manganese	55-2	613	527	623	588	9.04	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102199BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:36:38	DataFile Name :	026LCSE_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	29274	29892	30026	29731	1.35	cps
Molybdenum	95-1	35489	35932	36818	36080	1.87	cps
Molybdenum	96-1	40052	39040	39525	39539	1.28	cps
Molybdenum	97-1	22503	22344	21969	22272	1.23	cps
Molybdenum	98-1	57958	58586	58084	58209	0.57	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1353	1377	1400	1377	1.69	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	22494	22836	23061	22797	1.25	cps
Rhodium	103-1	7410510	7351728	7388385	7383541	0.40	cps
Rhodium	103-2	2129870	1853591	2086646	2023369	7.34	cps
Scandium	45-1	4022285	4070103	4036745	4043044	0.61	cps
Scandium	45-2	42180	37017	41571	40256	7.01	cps
Selenium	77-2	7	3	17	9	78.08	cps
Selenium	78-2	19	30	26	25	22.91	cps
Selenium	82-1	1220	1145	1083	1149	5.96	cps
Silicon	28-1	418359	409183	411954	413165	1.14	cps
Silver	109-1	18655	18055	18430	18380	1.65	cps
Silver	107-1	18271	19064	19957	19098	4.42	cps
Sodium	23-2	80118	79815	80268	80067	0.29	cps
Strontium	86-1	6310	5760	5852	5974	4.93	cps
Strontium	88-1	43111	42868	43312	43097	0.52	cps
Sulfur	34-1	313993	308026	310457	310826	0.97	cps
Terbium	159-1	10140050	10292789	10096230	10176356	1.01	cps
Terbium	159-2	2240096	1981486	2195486	2139023	6.46	cps
Thallium	203-1	12256	12857	14134	13082	7.33	cps
Thallium	205-1	31098	31064	30229	30797	1.60	cps
Tin	118-1	62497	62355	62655	62502	0.24	cps
Titanium	47-1	8887	8962	8470	8773	3.02	cps
Uranium	238-1	37650	36822	38084	37519	1.71	cps
Vanadium	51-2	6602	6642	6545	6596	0.74	cps
Yttrium	89-1	8369588	8450710	8393090	8404463	0.50	cps
Yttrium	89-2	309243	273433	303434	295370	6.51	cps
Zinc	66-2	707	670	660	679	3.62	cps
Zirconium	90-1	25208	25650	26101	25653	1.74	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102199BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 13:36:38	DataFile Name :	026LCSE_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5852	5568	5852	5757	2.84	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:35:28	DataFile Name :	027SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2059	1959	2050	2022	2.74	cps
Antimony	121-1	392	542	492	475	16.08	cps
Arsenic	75-2	74	85	93	84	11.10	cps
Barium	135-1	186943	189283	185956	187394	0.91	cps
Barium	137-1	327688	331751	325855	328431	0.92	cps
Beryllium	9-1	106	122	139	122	13.63	cps
Bismuth	209-1	6165118	6149775	6089222	6134705	0.65	cps
Bismuth	209-2	1846153	1846545	1676345	1789681	5.48	cps
Boron	10-1	3609	4034	4209	3951	7.81	cps
Boron	11-1	18796	19706	19414	19305	2.41	cps
Cadmium	111-1	1495	1336	1371	1401	5.96	cps
Cadmium	106-1	1834	1717	1684	1745	4.52	cps
Cadmium	108-1	38	17	58	38	55.56	cps
Calcium	43-1	463207	470294	457027	463510	1.43	cps
Calcium	44-1	7615821	7745487	7641799	7667703	0.89	cps
Chromium	52-2	2504	2347	2547	2466	4.27	cps
Cobalt	59-2	1117	1080	1077	1091	2.03	cps
Copper	63-2	653	720	570	648	11.60	cps
Dysprosium	156-1	317	292	308	306	4.17	cps
Dysprosium	156-2	83	77	80	80	4.17	cps
Erbium	164-1	317	275	292	294	7.12	cps
Erbium	164-2	57	47	87	63	32.87	cps
Gadolinium	160-1	408	333	342	361	11.38	cps
Gadolinium	160-2	60	73	73	69	11.17	cps
Holmium	165-1	10209098	10388753	10090821	10229557	1.47	cps
Holmium	165-2	2431450	2377573	2208854	2339292	4.96	cps
Indium	115-1	8709584	8683563	8643834	8678994	0.38	cps
Indium	115-2	448761	439165	410677	432868	4.58	cps
Iron	56-2	272606	267291	271466	270454	1.03	cps
Iron	57-2	6891	6930	6757	6859	1.32	cps
Lead	206-1	1339	1778	1706	1608	14.64	cps
Lead	207-1	1361	1478	1484	1441	4.79	cps
Lead	208-1	5879	6473	6418	6256	5.25	cps
Lithium	6-1	790257	793390	779350	787666	0.94	cps
Magnesium	24-2	288287	285369	287893	287183	0.55	cps
Manganese	55-2	22341	21637	22054	22011	1.61	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:35:28	DataFile Name :	027SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3167	2842	3251	3087	6.99	cps
Molybdenum	95-1	4251	4359	3834	4148	6.68	cps
Molybdenum	96-1	4576	4359	4376	4437	2.72	cps
Molybdenum	97-1	2525	2625	2625	2592	2.23	cps
Molybdenum	98-1	6402	6418	6635	6485	2.01	cps
Neodymium	150-1	440	487	373	433	13.15	cps
Neodymium	150-2	73	50	73	66	20.55	cps
Nickel	60-2	1057	1017	1023	1032	2.08	cps
Phosphorus	31-2	42	58	33	44	28.65	cps
Potassium	39-2	122244	122992	122976	122737	0.35	cps
Rhodium	103-1	7747657	7889997	7644065	7760573	1.59	cps
Rhodium	103-2	2225733	2181584	2046812	2151376	4.33	cps
Scandium	45-1	4378068	4350269	4211407	4313248	2.07	cps
Scandium	45-2	44400	44260	41194	43285	4.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	95	98	72	89	15.83	cps
Silicon	28-1	21338604	21449983	21152661	21313749	0.70	cps
Silver	109-1	75	158	108	114	36.83	cps
Silver	107-1	167	175	217	186	14.40	cps
Sodium	23-2	3363090	3322739	3329540	3338456	0.65	cps
Strontium	86-1	737867	737380	727720	734322	0.78	cps
Strontium	88-1	6311147	6382240	6309280	6334222	0.66	cps
Sulfur	34-1	565839	565003	556241	562361	0.95	cps
Terbium	159-1	10808878	10729014	10745858	10761250	0.39	cps
Terbium	159-2	2387211	2321088	2187705	2298668	4.42	cps
Thallium	203-1	558	633	600	597	6.29	cps
Thallium	205-1	1183	1559	1342	1361	13.83	cps
Tin	118-1	650	808	733	731	10.84	cps
Titanium	47-1	1425	2565	1225	1739	41.57	cps
Uranium	238-1	7478	8395	8011	7961	5.79	cps
Vanadium	51-2	2640	2717	2637	2665	1.70	cps
Yttrium	89-1	8978519	9033170	8769648	8927112	1.56	cps
Yttrium	89-2	331346	322268	300950	318188	4.90	cps
Zinc	66-2	7492	7499	7596	7529	0.77	cps
Zirconium	90-1	1984	2175	2192	2117	5.46	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:35:28	DataFile Name :	027SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	508	292	533	444	29.90	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:38:36	DataFile Name :	028SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	433	483	517	478	8.78	cps
Antimony	121-1	558	558	475	531	9.07	cps
Arsenic	75-2	81	78	76	78	3.60	cps
Barium	135-1	194068	190249	190713	191677	1.09	cps
Barium	137-1	337316	330793	329184	332431	1.30	cps
Beryllium	9-1	83	111	122	106	18.98	cps
Bismuth	209-1	6257988	6305916	6350310	6304738	0.73	cps
Bismuth	209-2	1825229	1734083	1862736	1807349	3.66	cps
Boron	10-1	4184	4017	3976	4059	2.72	cps
Boron	11-1	19455	19898	20215	19856	1.92	cps
Cadmium	111-1	1550	1473	1491	1505	2.65	cps
Cadmium	106-1	1942	1784	1817	1847	4.52	cps
Cadmium	108-1	38	42	50	43	14.78	cps
Calcium	43-1	469136	463273	463443	465284	0.72	cps
Calcium	44-1	7751024	7657031	7552577	7653544	1.30	cps
Chromium	52-2	2174	2144	1974	2097	5.14	cps
Cobalt	59-2	1017	1053	1030	1033	1.80	cps
Copper	63-2	11188	10751	10601	10847	2.81	cps
Dysprosium	156-1	167	208	233	203	16.61	cps
Dysprosium	156-2	53	53	40	49	15.74	cps
Erbium	164-1	175	242	250	222	18.50	cps
Erbium	164-2	33	40	40	38	10.19	cps
Gadolinium	160-1	150	242	192	194	23.60	cps
Gadolinium	160-2	67	47	90	68	32.00	cps
Holmium	165-1	10346859	10617297	10773609	10579255	2.04	cps
Holmium	165-2	2357392	2318350	2418584	2364775	2.14	cps
Indium	115-1	8589998	8760639	8810935	8720524	1.33	cps
Indium	115-2	434875	424446	444103	434475	2.26	cps
Iron	56-2	262500	253808	254065	256791	1.93	cps
Iron	57-2	6635	6429	6324	6463	2.45	cps
Lead	206-1	8837	8481	8320	8546	3.10	cps
Lead	207-1	7502	7447	7091	7347	3.04	cps
Lead	208-1	34536	33996	33452	33995	1.59	cps
Lithium	6-1	770341	795971	792343	786218	1.76	cps
Magnesium	24-2	296272	288227	285002	289834	2.00	cps
Manganese	55-2	21650	21263	20999	21304	1.54	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:38:36	DataFile Name :	028SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2367	2609	2325	2434	6.29	cps
Molybdenum	95-1	4009	4126	4167	4101	2.00	cps
Molybdenum	96-1	4318	4568	4584	4490	3.33	cps
Molybdenum	97-1	2450	2817	2384	2550	9.15	cps
Molybdenum	98-1	6235	6985	6310	6510	6.35	cps
Neodymium	150-1	280	200	267	249	17.22	cps
Neodymium	150-2	40	40	30	37	15.75	cps
Nickel	60-2	8880	8309	8569	8586	3.33	cps
Phosphorus	31-2	33	17	8	19	65.47	cps
Potassium	39-2	123438	119966	117471	120292	2.49	cps
Rhodium	103-1	7606732	7709585	7856710	7724342	1.63	cps
Rhodium	103-2	2187733	2120423	2238930	2182362	2.72	cps
Scandium	45-1	4254727	4295255	4364575	4304853	1.29	cps
Scandium	45-2	43902	42932	44280	43705	1.59	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	9	2	4	99.03	cps
Selenium	82-1	19	39	3	20	90.05	cps
Silicon	28-1	20953118	20837031	20780722	20856957	0.42	cps
Silver	109-1	142	108	233	161	40.18	cps
Silver	107-1	183	200	183	189	5.09	cps
Sodium	23-2	3420448	3338972	3313874	3357765	1.66	cps
Strontium	86-1	744568	737468	733107	738381	0.78	cps
Strontium	88-1	6407546	6389003	6313307	6369952	0.78	cps
Sulfur	34-1	546401	539917	544824	543714	0.62	cps
Terbium	159-1	10821371	11019654	11109496	10983507	1.34	cps
Terbium	159-2	2336630	2275507	2373703	2328613	2.13	cps
Thallium	203-1	550	467	633	550	15.15	cps
Thallium	205-1	1417	1392	1492	1433	3.63	cps
Tin	118-1	508	508	600	539	9.82	cps
Titanium	47-1	300	417	267	328	24.03	cps
Uranium	238-1	7453	6927	7127	7169	3.70	cps
Vanadium	51-2	2617	2610	2440	2556	3.92	cps
Yttrium	89-1	8867163	9030151	9074475	8990596	1.21	cps
Yttrium	89-2	321646	313112	326534	320430	2.12	cps
Zinc	66-2	29375	29154	28326	28952	1.91	cps
Zirconium	90-1	683	625	458	589	19.83	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:38:36	DataFile Name :	028SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	142	100	128	18.82	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05RE	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:42:09	DataFile Name :	029SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	467	492	433	464	6.31	cps
Antimony	121-1	1542	1458	1450	1483	3.42	cps
Arsenic	75-2	100	80	76	85	15.22	cps
Barium	135-1	204861	201493	204380	203578	0.89	cps
Barium	137-1	357996	353913	349688	353866	1.17	cps
Beryllium	9-1	106	106	94	102	6.30	cps
Bismuth	209-1	6390098	6416237	6392182	6399506	0.23	cps
Bismuth	209-2	1875151	1842704	1838664	1852173	1.08	cps
Boron	10-1	4718	4568	4701	4662	1.76	cps
Boron	11-1	20899	21934	22719	21851	4.18	cps
Cadmium	111-1	1443	1417	1452	1438	1.28	cps
Cadmium	106-1	1725	1634	1692	1684	2.76	cps
Cadmium	108-1	50	50	46	49	4.95	cps
Calcium	43-1	505498	503941	499629	503022	0.60	cps
Calcium	44-1	8277282	8232430	8152972	8220895	0.77	cps
Chromium	52-2	2414	2310	2304	2342	2.63	cps
Cobalt	59-2	1153	1037	1163	1118	6.30	cps
Copper	63-2	12459	13320	12656	12812	3.52	cps
Dysprosium	156-1	242	142	158	181	29.67	cps
Dysprosium	156-2	50	63	70	61	16.66	cps
Erbium	164-1	258	192	283	244	19.38	cps
Erbium	164-2	37	23	47	36	32.93	cps
Gadolinium	160-1	250	183	233	222	15.61	cps
Gadolinium	160-2	80	67	53	67	20.00	cps
Holmium	165-1	10555009	10761324	10696943	10671092	0.99	cps
Holmium	165-2	2437915	2430991	2419206	2429371	0.39	cps
Indium	115-1	8983039	8951666	9059201	8997969	0.61	cps
Indium	115-2	452317	445178	441260	446252	1.26	cps
Iron	56-2	314850	311907	311385	312714	0.60	cps
Iron	57-2	7825	7380	7613	7606	2.92	cps
Lead	206-1	9243	9137	9476	9285	1.87	cps
Lead	207-1	7703	7725	8297	7908	4.26	cps
Lead	208-1	36049	35365	36582	35999	1.70	cps
Lithium	6-1	835654	839492	840380	838509	0.30	cps
Magnesium	24-2	314405	310492	307262	310720	1.15	cps
Manganese	55-2	23243	23426	22919	23196	1.11	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05RE	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:42:09	DataFile Name :	029SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3109	3142	3075	3109	1.07	cps
Molybdenum	95-1	4543	4376	4218	4379	3.71	cps
Molybdenum	96-1	4976	4718	4376	4690	6.42	cps
Molybdenum	97-1	2784	2375	2742	2634	8.53	cps
Molybdenum	98-1	7136	7052	6994	7060	1.01	cps
Neodymium	150-1	260	367	273	300	19.37	cps
Neodymium	150-2	50	27	77	51	48.95	cps
Nickel	60-2	9056	9387	9370	9271	2.01	cps
Phosphorus	31-2	17	25	0	14	91.65	cps
Potassium	39-2	131493	131341	131450	131428	0.06	cps
Rhodium	103-1	7874209	7876818	7970916	7907314	0.70	cps
Rhodium	103-2	2252064	2214242	2232167	2232825	0.85	cps
Scandium	45-1	4504217	4470123	4447910	4474083	0.63	cps
Scandium	45-2	46547	45921	44775	45748	1.96	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	4	6	2	4	50.09	cps
Selenium	82-1	-3	120	60	59	104.97	cps
Silicon	28-1	22099345	21900391	21960752	21986829	0.46	cps
Silver	109-1	2067	1992	2184	2081	4.64	cps
Silver	107-1	2084	1892	2192	2056	7.39	cps
Sodium	23-2	3657405	3630421	3586068	3624631	0.99	cps
Strontium	86-1	785440	784179	781936	783851	0.23	cps
Strontium	88-1	6806415	6744680	6759942	6770345	0.47	cps
Sulfur	34-1	548133	547106	546190	547143	0.18	cps
Terbium	159-1	11097348	11325267	11277253	11233289	1.07	cps
Terbium	159-2	2391792	2364720	2351815	2369442	0.86	cps
Thallium	203-1	750	708	775	745	4.52	cps
Thallium	205-1	1725	1784	1609	1706	5.22	cps
Tin	118-1	1425	1108	1050	1195	16.89	cps
Titanium	47-1	433	392	350	392	10.64	cps
Uranium	238-1	7494	7394	6735	7208	5.72	cps
Vanadium	51-2	2877	2874	2747	2833	2.62	cps
Yttrium	89-1	9238149	9187848	9410521	9278840	1.26	cps
Yttrium	89-2	333652	330154	327874	330560	0.88	cps
Zinc	66-2	47220	46504	46555	46760	0.85	cps
Zirconium	90-1	1167	1175	1408	1250	10.98	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05RE	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:42:09	DataFile Name :	029SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	283	317	286	10.23	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05RE	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:45:16	DataFile Name :	030SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66339	65553	63928	65273	1.88	cps
Antimony	121-1	4785368	4890807	4869509	4848561	1.15	cps
Arsenic	75-2	59018	57882	56625	57841	2.07	cps
Barium	135-1	4959150	5022742	4942304	4974732	0.85	cps
Barium	137-1	8484848	8666568	8640605	8597340	1.14	cps
Beryllium	9-1	447427	453591	452456	451158	0.73	cps
Bismuth	209-1	5937420	6054407	5998119	5996649	0.98	cps
Bismuth	209-2	1657333	1507929	1620983	1595415	4.88	cps
Boron	10-1	50899	52430	53609	52313	2.60	cps
Boron	11-1	235544	242259	247989	241931	2.57	cps
Cadmium	111-1	1019661	1029439	1035499	1028200	0.78	cps
Cadmium	106-1	103958	105343	105880	105060	0.94	cps
Cadmium	108-1	71581	71756	72108	71815	0.37	cps
Calcium	43-1	864289	879571	867283	870381	0.93	cps
Calcium	44-1	14311365	14397868	14287798	14332344	0.40	cps
Chromium	52-2	457894	455821	451189	454968	0.75	cps
Cobalt	59-2	950309	940516	937047	942624	0.73	cps
Copper	63-2	1656273	1637124	1624316	1639238	0.98	cps
Dysprosium	156-1	133	125	217	158	32.01	cps
Dysprosium	156-2	30	10	33	24	51.62	cps
Erbium	164-1	75	67	108	83	26.46	cps
Erbium	164-2	13	17	20	17	20.01	cps
Gadolinium	160-1	117	133	108	119	10.66	cps
Gadolinium	160-2	27	33	37	32	15.80	cps
Holmium	165-1	9818561	9949134	9878859	9882185	0.66	cps
Holmium	165-2	2223393	2003119	2164084	2130199	5.35	cps
Indium	115-1	8043566	8160083	8107333	8103661	0.72	cps
Indium	115-2	397628	357957	386552	380712	5.38	cps
Iron	56-2	15661565	15442672	15266226	15456821	1.28	cps
Iron	57-2	391863	389088	384163	388371	1.00	cps
Lead	206-1	2794870	2818908	2821615	2811798	0.52	cps
Lead	207-1	2540471	2579985	2560969	2560475	0.77	cps
Lead	208-1	11310713	11582857	11415787	11436452	1.20	cps
Lithium	6-1	731134	737863	737263	735420	0.51	cps
Magnesium	24-2	1623646	1615818	1585950	1608471	1.24	cps
Manganese	55-2	263009	260413	260007	261143	0.62	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05RE	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:45:16	DataFile Name :	030SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3593763	3634708	3636794	3621755	0.67	cps
Molybdenum	95-1	1946253	1997571	1973554	1972460	1.30	cps
Molybdenum	96-1	2522587	2534741	2542033	2533120	0.39	cps
Molybdenum	97-1	1184787	1208539	1205123	1199483	1.07	cps
Molybdenum	98-1	3134563	3153216	3155063	3147614	0.36	cps
Neodymium	150-1	200	240	260	233	13.09	cps
Neodymium	150-2	30	17	17	21	36.45	cps
Nickel	60-2	278232	276821	271301	275452	1.33	cps
Phosphorus	31-2	4951	5151	4984	5029	2.13	cps
Potassium	39-2	502767	495286	487385	495146	1.55	cps
Rhodium	103-1	7133930	7171833	7281878	7195881	1.07	cps
Rhodium	103-2	2011624	1818193	1945982	1925266	5.11	cps
Scandium	45-1	4029292	4040386	3996200	4021959	0.57	cps
Scandium	45-2	41675	36902	39853	39477	6.10	cps
Selenium	77-2	430	390	423	414	5.17	cps
Selenium	78-2	1456	1498	1463	1472	1.55	cps
Selenium	82-1	61102	61946	61728	61592	0.71	cps
Silicon	28-1	1842397	1863367	1868253	1858006	0.74	cps
Silver	109-1	4654581	4662577	4714259	4677139	0.69	cps
Silver	107-1	4913830	5021995	4990473	4975433	1.12	cps
Sodium	23-2	3946465	3896970	3804691	3882709	1.85	cps
Strontium	86-1	1245426	1263628	1254779	1254611	0.73	cps
Strontium	88-1	10682073	10812469	10810006	10768183	0.69	cps
Sulfur	34-1	563384	562515	560747	562216	0.24	cps
Terbium	159-1	10306472	10468813	10385468	10386918	0.78	cps
Terbium	159-2	2162802	1970011	2114657	2082490	4.82	cps
Thallium	203-1	3454857	3558665	3512336	3508619	1.48	cps
Thallium	205-1	8104880	8236673	8220507	8187353	0.88	cps
Tin	118-1	3318174	3368644	3328692	3338504	0.80	cps
Titanium	47-1	456380	463174	456563	458706	0.84	cps
Uranium	238-1	10125176	10405308	10214270	10248251	1.40	cps
Vanadium	51-2	341940	338761	335871	338857	0.90	cps
Yttrium	89-1	8369836	8388831	8345231	8367966	0.26	cps
Yttrium	89-2	297657	269554	289722	285645	5.07	cps
Zinc	66-2	156030	154473	151484	153995	1.50	cps
Zirconium	90-1	6765639	6860467	6815981	6814029	0.70	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05RE	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:45:16	DataFile Name :	030SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1525365	1552212	1523096	1533558	1.06	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05RE2	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:48:28	DataFile Name :	031SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1917	1984	1925	1942	1.87	cps
Antimony	121-1	3951	3559	3659	3723	5.47	cps
Arsenic	75-2	91	109	93	98	10.46	cps
Barium	135-1	193759	198224	193986	195323	1.29	cps
Barium	137-1	334245	340409	340119	338258	1.03	cps
Beryllium	9-1	222	206	189	206	8.11	cps
Bismuth	209-1	6074502	6082557	6027890	6061649	0.49	cps
Bismuth	209-2	1735613	1716020	1717993	1723209	0.63	cps
Boron	10-1	5568	5518	5485	5523	0.76	cps
Boron	11-1	26124	26024	25406	25852	1.50	cps
Cadmium	111-1	1520	1519	1324	1454	7.77	cps
Cadmium	106-1	1817	1784	1417	1672	13.27	cps
Cadmium	108-1	63	42	38	47	28.36	cps
Calcium	43-1	475493	482849	480930	479758	0.80	cps
Calcium	44-1	7926575	7998766	7878640	7934661	0.76	cps
Chromium	52-2	2737	2604	2644	2661	2.57	cps
Cobalt	59-2	1143	1110	1120	1125	1.52	cps
Copper	63-2	1653	1683	1830	1722	5.49	cps
Dysprosium	156-1	275	300	375	317	16.43	cps
Dysprosium	156-2	77	83	83	81	4.75	cps
Erbium	164-1	275	358	250	294	19.26	cps
Erbium	164-2	53	97	77	76	28.71	cps
Gadolinium	160-1	317	367	308	331	9.54	cps
Gadolinium	160-2	103	120	90	104	14.39	cps
Holmium	165-1	10199907	10291816	10137979	10209901	0.76	cps
Holmium	165-2	2358156	2309798	2340616	2336190	1.05	cps
Indium	115-1	8536912	8632634	8554133	8574560	0.60	cps
Indium	115-2	436573	431084	426432	431363	1.18	cps
Iron	56-2	321675	320196	321981	321284	0.30	cps
Iron	57-2	8353	8203	8381	8312	1.15	cps
Lead	206-1	1428	1256	1283	1322	6.99	cps
Lead	207-1	1167	1083	928	1059	11.45	cps
Lead	208-1	5284	5195	4806	5095	4.99	cps
Lithium	6-1	782948	797654	784093	788232	1.04	cps
Magnesium	24-2	296824	296620	293411	295618	0.65	cps
Manganese	55-2	22248	22255	22465	22322	0.55	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05RE2	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:48:28	DataFile Name :	031SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4034	3809	4026	3956	3.23	cps
Molybdenum	95-1	4451	4526	4334	4437	2.18	cps
Molybdenum	96-1	5026	5085	4843	4984	2.53	cps
Molybdenum	97-1	2659	2767	2834	2753	3.21	cps
Molybdenum	98-1	7219	7302	6785	7102	3.91	cps
Neodymium	150-1	487	433	453	458	5.89	cps
Neodymium	150-2	80	60	70	70	14.29	cps
Nickel	60-2	1183	1213	1117	1171	4.22	cps
Phosphorus	31-2	33	8	17	19	65.47	cps
Potassium	39-2	127498	125992	124817	126102	1.07	cps
Rhodium	103-1	7567868	7560412	7498198	7542159	0.51	cps
Rhodium	103-2	2167495	2164971	2124015	2152160	1.13	cps
Scandium	45-1	4240396	4327825	4245810	4271344	1.15	cps
Scandium	45-2	43347	43417	43240	43335	0.21	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	6	7	6	17.29	cps
Selenium	82-1	13	65	11	30	102.11	cps
Silicon	28-1	21120825	21409393	21206963	21245727	0.70	cps
Silver	109-1	2434	2367	2459	2420	1.96	cps
Silver	107-1	2450	2409	2542	2467	2.77	cps
Sodium	23-2	3434213	3428193	3430765	3431057	0.09	cps
Strontium	86-1	760934	759747	752695	757792	0.59	cps
Strontium	88-1	6587605	6581084	6478932	6549207	0.93	cps
Sulfur	34-1	531366	533985	527088	530813	0.66	cps
Terbium	159-1	10733098	10721762	10502119	10652326	1.22	cps
Terbium	159-2	2300676	2262269	2252835	2271927	1.12	cps
Thallium	203-1	1425	1267	1175	1289	9.81	cps
Thallium	205-1	3259	3076	2292	2875	17.86	cps
Tin	118-1	2575	2434	2084	2364	10.71	cps
Titanium	47-1	1459	3012	1909	2126	37.59	cps
Uranium	238-1	9095	8787	7903	8595	7.20	cps
Vanadium	51-2	2844	2854	2680	2793	3.49	cps
Yttrium	89-1	8809374	8861920	8791820	8821038	0.41	cps
Yttrium	89-2	319454	315533	315989	316992	0.68	cps
Zinc	66-2	20102	20636	19948	20228	1.78	cps
Zirconium	90-1	4376	3176	3259	3604	18.61	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5192-05RE2	Instrumnet Name :	P8
Client Sample ID :	MBDD16	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:48:28	DataFile Name :	031SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1017	667	800	828	21.34	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5193-05RE2 Instrumnet Name : P8
 Client Sample ID : MBDD15 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 14:51:37 DataFile Name : 032SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	600	575	517	564	7.58	cps
Antimony	121-1	2609	2575	2784	2656	4.21	cps
Arsenic	75-2	74	94	93	87	12.94	cps
Barium	135-1	205665	203592	201613	203623	1.00	cps
Barium	137-1	361545	357579	350591	356572	1.56	cps
Beryllium	9-1	133	139	156	143	8.11	cps
Bismuth	209-1	6046193	6403551	6301285	6250343	2.94	cps
Bismuth	209-2	1873767	1844828	1848499	1855698	0.85	cps
Boron	10-1	4876	4893	5526	5098	7.27	cps
Boron	11-1	23854	23721	24030	23868	0.65	cps
Cadmium	111-1	1516	1614	1513	1548	3.71	cps
Cadmium	106-1	1692	1900	1684	1759	6.98	cps
Cadmium	108-1	38	58	33	43	31.11	cps
Calcium	43-1	508406	503293	497469	503056	1.09	cps
Calcium	44-1	8388944	8268775	8262644	8306788	0.86	cps
Chromium	52-2	2264	2390	2314	2322	2.75	cps
Cobalt	59-2	1230	1220	1183	1211	2.03	cps
Copper	63-2	13253	12506	12963	12907	2.92	cps
Dysprosium	156-1	175	258	175	203	23.73	cps
Dysprosium	156-2	57	60	33	50	29.06	cps
Erbium	164-1	225	233	217	225	3.70	cps
Erbium	164-2	40	33	43	39	13.09	cps
Gadolinium	160-1	217	300	325	281	20.22	cps
Gadolinium	160-2	63	67	77	69	10.08	cps
Holmium	165-1	10196510	10832488	10353755	10460918	3.17	cps
Holmium	165-2	2451968	2393101	2425452	2423507	1.22	cps
Indium	115-1	8593578	8971634	8943936	8836383	2.38	cps
Indium	115-2	450578	444796	447229	447534	0.65	cps
Iron	56-2	314631	311595	309590	311938	0.81	cps
Iron	57-2	7902	7825	7936	7888	0.72	cps
Lead	206-1	8364	8664	8392	8473	1.96	cps
Lead	207-1	7447	7669	7525	7547	1.50	cps
Lead	208-1	34325	35087	34230	34547	1.36	cps
Lithium	6-1	796235	844632	838452	826439	3.19	cps
Magnesium	24-2	305185	306929	306349	306154	0.29	cps
Manganese	55-2	23109	22565	23193	22956	1.48	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05RE2	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:51:37	DataFile Name :	032SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3367	3159	3067	3198	4.81	cps
Molybdenum	95-1	4434	4676	4484	4532	2.82	cps
Molybdenum	96-1	5135	4751	5176	5021	4.67	cps
Molybdenum	97-1	2725	2917	2975	2873	4.55	cps
Molybdenum	98-1	6810	6902	6735	6816	1.23	cps
Neodymium	150-1	267	287	193	249	19.74	cps
Neodymium	150-2	43	23	47	38	33.41	cps
Nickel	60-2	9157	9113	9223	9164	0.61	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	131947	129247	129711	130302	1.11	cps
Rhodium	103-1	7576539	8054812	7857322	7829557	3.07	cps
Rhodium	103-2	2253888	2170975	2221468	2215444	1.89	cps
Scandium	45-1	4216178	4574188	4499103	4429823	4.26	cps
Scandium	45-2	45447	45885	44902	45411	1.08	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	9	4	2	5	78.12	cps
Selenium	82-1	48	36	27	37	29.34	cps
Silicon	28-1	21880950	21759157	21617273	21752460	0.61	cps
Silver	109-1	2050	2192	2175	2139	3.62	cps
Silver	107-1	2284	2259	2209	2250	1.70	cps
Sodium	23-2	3597932	3563394	3603849	3588392	0.61	cps
Strontium	86-1	792518	797670	779747	789978	1.17	cps
Strontium	88-1	6877882	6908144	6799349	6861792	0.82	cps
Sulfur	34-1	535908	537007	535821	536245	0.12	cps
Terbium	159-1	10583918	11269054	11119385	10990786	3.28	cps
Terbium	159-2	2372105	2354283	2340675	2355688	0.67	cps
Thallium	203-1	717	808	708	745	7.45	cps
Thallium	205-1	1725	1600	1684	1670	3.81	cps
Tin	118-1	1734	1367	1450	1517	12.67	cps
Titanium	47-1	458	375	292	375	22.22	cps
Uranium	238-1	7144	7077	7152	7125	0.58	cps
Vanadium	51-2	2697	2550	2937	2728	7.16	cps
Yttrium	89-1	8872554	9327235	9209831	9136540	2.58	cps
Yttrium	89-2	333660	325302	327689	328884	1.31	cps
Zinc	66-2	46388	46582	45782	46250	0.90	cps
Zirconium	90-1	1433	1500	1425	1453	2.83	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5193-05RE2	Instrumnet Name :	P8
Client Sample ID :	MBDD15	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:51:37	DataFile Name :	032SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	242	283	333	286	16.04	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:54:44	DataFile Name :	033CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	322729	317351	320179	320086	0.84	cps
Antimony	121-1	4744125	4774362	4755575	4758021	0.32	cps
Arsenic	75-2	56002	55855	56093	55983	0.21	cps
Barium	135-1	4865351	4891169	4951286	4902602	0.90	cps
Barium	137-1	8504029	8498742	8598444	8533738	0.66	cps
Beryllium	9-1	441776	439524	441490	440930	0.28	cps
Bismuth	209-1	5623481	5803824	5734460	5720588	1.59	cps
Bismuth	209-2	1574368	1577352	1568386	1573368	0.29	cps
Boron	10-1	51142	50757	53065	51655	2.39	cps
Boron	11-1	240001	246645	248643	245096	1.85	cps
Cadmium	111-1	975922	988565	993965	986151	0.94	cps
Cadmium	106-1	100079	101916	102445	101480	1.22	cps
Cadmium	108-1	67929	69118	68775	68607	0.89	cps
Calcium	43-1	4188203	4176925	4184629	4183252	0.14	cps
Calcium	44-1	68426924	68728266	69220333	68791841	0.58	cps
Chromium	52-2	442294	442553	444716	443187	0.30	cps
Cobalt	59-2	908756	908183	907656	908198	0.06	cps
Copper	63-2	1538123	1526479	1515465	1526689	0.74	cps
Dysprosium	156-1	142	100	75	106	31.91	cps
Dysprosium	156-2	13	17	13	14	13.35	cps
Erbium	164-1	108	100	100	103	4.68	cps
Erbium	164-2	3	20	20	14	66.64	cps
Gadolinium	160-1	117	92	83	97	17.84	cps
Gadolinium	160-2	27	20	27	24	15.75	cps
Holmium	165-1	9915644	9786961	9828506	9843704	0.67	cps
Holmium	165-2	2168530	2164183	2162441	2165051	0.14	cps
Indium	115-1	7750170	7734842	7710140	7731717	0.26	cps
Indium	115-2	375908	372516	370595	373006	0.72	cps
Iron	56-2	72527591	72080482	71918829	72175634	0.44	cps
Iron	57-2	1847225	1834186	1843876	1841762	0.37	cps
Lead	206-1	2765857	2758953	2793187	2772666	0.65	cps
Lead	207-1	2518889	2545742	2528965	2531199	0.54	cps
Lead	208-1	11223586	11308053	11294205	11275281	0.40	cps
Lithium	6-1	693750	694843	697019	695204	0.24	cps
Magnesium	24-2	7514457	7480681	7551005	7515381	0.47	cps
Manganese	55-2	252160	250686	251532	251459	0.29	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:54:44	DataFile Name :	033CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3565275	3624346	3615992	3601871	0.89	cps
Molybdenum	95-1	1937716	1946845	1970057	1951540	0.85	cps
Molybdenum	96-1	2460653	2510304	2544503	2505154	1.68	cps
Molybdenum	97-1	1178239	1175455	1193705	1182466	0.83	cps
Molybdenum	98-1	3100300	3098234	3147857	3115464	0.90	cps
Neodymium	150-1	273	160	153	196	34.49	cps
Neodymium	150-2	17	7	20	14	48.02	cps
Nickel	60-2	260483	261099	260451	260678	0.14	cps
Phosphorus	31-2	4893	4768	4718	4793	1.88	cps
Potassium	39-2	2380058	2349382	2350641	2360027	0.74	cps
Rhodium	103-1	6770792	6719477	6827082	6772451	0.79	cps
Rhodium	103-2	1879565	1886271	1857811	1874549	0.79	cps
Scandium	45-1	3912111	3920755	3900384	3911083	0.26	cps
Scandium	45-2	39643	38901	39743	39429	1.17	cps
Selenium	77-2	377	460	420	419	9.95	cps
Selenium	78-2	1395	1483	1448	1442	3.10	cps
Selenium	82-1	59511	59695	59958	59721	0.38	cps
Silicon	28-1	1833272	1809634	1813567	1818824	0.70	cps
Silver	109-1	4458996	4499824	4461743	4473521	0.51	cps
Silver	107-1	4739894	4777651	4824079	4780541	0.88	cps
Sodium	23-2	18643243	18609162	18464721	18572375	0.51	cps
Strontium	86-1	1259322	1263144	1275370	1265945	0.66	cps
Strontium	88-1	10769539	10892485	10875123	10845716	0.61	cps
Sulfur	34-1	558824	554024	554118	555655	0.49	cps
Terbium	159-1	10193058	10261129	10341960	10265382	0.73	cps
Terbium	159-2	2112896	2112073	2091211	2105393	0.58	cps
Thallium	203-1	3497561	3443443	3455349	3465451	0.82	cps
Thallium	205-1	8128925	8087056	8174518	8130166	0.54	cps
Tin	118-1	3300796	3296933	3278093	3291941	0.37	cps
Titanium	47-1	460492	450041	448170	452901	1.47	cps
Uranium	238-1	10331242	10478798	10466804	10425615	0.79	cps
Vanadium	51-2	333032	331546	331164	331914	0.30	cps
Yttrium	89-1	8079763	8155781	8156009	8130518	0.54	cps
Yttrium	89-2	285879	282890	282010	283593	0.72	cps
Zinc	66-2	144702	143210	142975	143629	0.65	cps
Zirconium	90-1	6798568	6807907	6767838	6791438	0.31	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:54:44	DataFile Name :	033CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1504117	1532462	1516192	1517590	0.94	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : CCB96 Instrumnet Name : P8
 Client Sample ID : CCB96 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 14:57:45 DataFile Name : 034CCBE_P8091217- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	8	19	65.48	cps
Antimony	121-1	4226	2992	2817	3345	22.95	cps
Arsenic	75-2	6	4	6	5	21.74	cps
Barium	135-1	42	25	42	36	26.65	cps
Barium	137-1	83	58	25	56	52.68	cps
Beryllium	9-1	183	239	328	250	29.14	cps
Bismuth	209-1	6004066	5526017	5657066	5729050	4.31	cps
Bismuth	209-2	1626960	1645695	1643630	1638762	0.63	cps
Boron	10-1	1784	1884	1625	1764	7.38	cps
Boron	11-1	8753	7986	7219	7986	9.61	cps
Cadmium	111-1	1119	1097	1088	1101	1.46	cps
Cadmium	106-1	1542	1492	1525	1520	1.68	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	1525	1525	1500	1517	0.95	cps
Calcium	44-1	30818	30868	30309	30665	1.01	cps
Chromium	52-2	737	603	530	623	16.81	cps
Cobalt	59-2	33	30	43	36	19.51	cps
Copper	63-2	347	397	403	382	8.10	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	67	117	42	75	50.92	cps
Gadolinium	160-2	13	7	13	11	34.61	cps
Holmium	165-1	9785566	9018734	9225961	9343420	4.25	cps
Holmium	165-2	2159588	2170279	2151188	2160351	0.44	cps
Indium	115-1	8025695	7459202	7669191	7718029	3.71	cps
Indium	115-2	389141	394005	394307	392484	0.74	cps
Iron	56-2	2728	2739	2484	2650	5.45	cps
Iron	57-2	33	67	72	57	36.64	cps
Lead	206-1	861	722	833	806	9.12	cps
Lead	207-1	628	728	578	644	11.85	cps
Lead	208-1	2789	2995	2645	2809	6.26	cps
Lithium	6-1	714326	673665	689541	692511	2.96	cps
Magnesium	24-2	292	242	267	267	9.37	cps
Manganese	55-2	83	57	63	68	20.48	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:57:45	DataFile Name :	034CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	592	525	658	592	11.27	cps
Molybdenum	95-1	400	242	292	311	26.02	cps
Molybdenum	96-1	458	458	367	428	12.37	cps
Molybdenum	97-1	242	258	158	219	24.42	cps
Molybdenum	98-1	425	433	300	386	19.34	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	160	173	173	169	4.56	cps
Phosphorus	31-2	0	17	33	17	100.00	cps
Potassium	39-2	3384	3509	3426	3439	1.85	cps
Rhodium	103-1	7260344	6731432	6901759	6964512	3.88	cps
Rhodium	103-2	2000303	2003996	2012747	2005682	0.32	cps
Scandium	45-1	3933313	3615925	3689212	3746150	4.44	cps
Scandium	45-2	38890	39516	38563	38990	1.24	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	-36	-73	-42	-50	-39.07	cps
Silicon	28-1	332925	342346	331786	335686	1.73	cps
Silver	109-1	683	625	650	653	4.48	cps
Silver	107-1	775	583	708	689	14.13	cps
Sodium	23-2	8161	7869	7736	7922	2.75	cps
Strontium	86-1	950	875	958	928	4.95	cps
Strontium	88-1	267	283	108	219	44.01	cps
Sulfur	34-1	302123	301428	304303	302618	0.50	cps
Terbium	159-1	10242695	9427146	9620691	9763511	4.36	cps
Terbium	159-2	2090793	2104993	2138633	2111473	1.16	cps
Thallium	203-1	450	483	492	475	4.64	cps
Thallium	205-1	1158	967	1133	1086	9.59	cps
Tin	118-1	2284	2192	2109	2195	3.99	cps
Titanium	47-1	158	167	117	147	18.20	cps
Uranium	238-1	183	142	150	158	13.92	cps
Vanadium	51-2	27	23	0	17	87.18	cps
Yttrium	89-1	8202558	7603834	7781190	7862527	3.91	cps
Yttrium	89-2	284906	291638	290358	288967	1.24	cps
Zinc	66-2	87	57	77	73	20.83	cps
Zirconium	90-1	1000	1142	1283	1142	12.41	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 14:57:45	DataFile Name :	034CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	267	333	269	23.22	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102237BL	Instrumnet Name :	P8
Client Sample ID :	PB102237BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:00:54	DataFile Name :	035CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	1092	1175	1192	1153	4.65	cps
Arsenic	75-2	15	11	6	10	44.37	cps
Barium	135-1	33	58	67	53	32.88	cps
Barium	137-1	33	50	92	58	51.51	cps
Beryllium	9-1	156	183	189	176	10.15	cps
Bismuth	209-1	5895134	5947023	5793551	5878569	1.33	cps
Bismuth	209-2	1628645	1636446	1574485	1613192	2.09	cps
Boron	10-1	942	958	1033	978	4.99	cps
Boron	11-1	4593	4201	3876	4223	8.50	cps
Cadmium	111-1	1047	1111	1121	1093	3.66	cps
Cadmium	106-1	1483	1567	1600	1550	3.88	cps
Cadmium	108-1	0	4	29	11	141.95	cps
Calcium	43-1	1417	1609	1550	1525	6.44	cps
Calcium	44-1	31687	30000	30041	30576	3.15	cps
Chromium	52-2	660	640	637	646	1.96	cps
Cobalt	59-2	30	33	20	28	24.98	cps
Copper	63-2	283	343	313	313	9.57	cps
Dysprosium	156-1	8	17	50	25	88.19	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	67	17	44	57.28	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	58	92	83	78	22.30	cps
Gadolinium	160-2	13	13	7	11	34.61	cps
Holmium	165-1	9669708	9620559	9325586	9538618	1.95	cps
Holmium	165-2	2161840	2149517	2055042	2122133	2.75	cps
Indium	115-1	7968629	8039350	7858362	7955447	1.15	cps
Indium	115-2	396169	394495	376776	389147	2.76	cps
Iron	56-2	2350	2072	1961	2128	9.41	cps
Iron	57-2	56	67	72	65	13.09	cps
Lead	206-1	589	694	556	613	11.83	cps
Lead	207-1	556	550	583	563	3.17	cps
Lead	208-1	2428	2795	2484	2569	7.69	cps
Lithium	6-1	713697	716695	706148	712180	0.76	cps
Magnesium	24-2	250	275	267	264	4.83	cps
Manganese	55-2	33	77	73	61	39.46	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102237BL	Instrumnet Name :	P8
Client Sample ID :	PB102237BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:00:54	DataFile Name :	035CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	358	308	325	8.88	cps
Molybdenum	95-1	108	108	100	106	4.56	cps
Molybdenum	96-1	117	200	233	183	32.78	cps
Molybdenum	97-1	75	83	83	81	5.98	cps
Molybdenum	98-1	133	133	192	153	22.05	cps
Neodymium	150-1	0	33	7	13	132.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	177	197	166	22.90	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3042	3409	3567	3339	8.07	cps
Rhodium	103-1	7163923	7270683	7101582	7178729	1.19	cps
Rhodium	103-2	2017401	2007127	1904872	1976467	3.15	cps
Scandium	45-1	3901480	3925681	3805596	3877586	1.64	cps
Scandium	45-2	39770	39536	37420	38908	3.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	6	2	114.63	cps
Selenium	82-1	-42	-6	20	-9	-341.91	cps
Silicon	28-1	341213	331147	337785	336715	1.52	cps
Silver	109-1	392	308	267	322	19.75	cps
Silver	107-1	300	392	283	325	17.95	cps
Sodium	23-2	5977	5985	6035	5999	0.53	cps
Strontium	86-1	758	933	883	858	10.50	cps
Strontium	88-1	217	292	267	258	14.78	cps
Sulfur	34-1	307767	308244	306745	307585	0.25	cps
Terbium	159-1	10055058	10087531	9911140	10017910	0.94	cps
Terbium	159-2	2108261	2107501	2048327	2088030	1.65	cps
Thallium	203-1	283	350	133	256	43.42	cps
Thallium	205-1	650	567	525	581	10.96	cps
Tin	118-1	1233	1450	1117	1267	13.35	cps
Titanium	47-1	133	92	92	106	22.79	cps
Uranium	238-1	67	125	100	97	30.10	cps
Vanadium	51-2	7	10	17	11	45.82	cps
Yttrium	89-1	8098350	8120552	8015441	8078115	0.69	cps
Yttrium	89-2	288830	287913	277446	284730	2.22	cps
Zinc	66-2	37	63	67	56	29.59	cps
Zirconium	90-1	758	775	875	803	7.86	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102237BL	Instrumnet Name :	P8
Client Sample ID :	PB102237BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:00:54	DataFile Name :	035CCBE_P8091217- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	175	158	164	5.87	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : PB102237BS Instrumnet Name : P8
 Client Sample ID : PB102237BS Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:04:03 DataFile Name : 036LCS6_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64087	64179	64774	64347	0.58	cps
Antimony	121-1	4782338	4793344	4789242	4788308	0.12	cps
Arsenic	75-2	56716	56446	56474	56545	0.26	cps
Barium	135-1	4914705	4874942	4924133	4904593	0.53	cps
Barium	137-1	8487120	8439050	8404054	8443408	0.49	cps
Beryllium	9-1	444975	444040	441983	443666	0.34	cps
Bismuth	209-1	5617900	5893197	5925673	5812256	2.91	cps
Bismuth	209-2	1627177	1635199	1637268	1633215	0.33	cps
Boron	10-1	49436	50197	51343	50325	1.91	cps
Boron	11-1	234292	238611	241042	237982	1.44	cps
Cadmium	111-1	1014247	1011823	1012090	1012720	0.13	cps
Cadmium	106-1	104545	103244	104008	103932	0.63	cps
Cadmium	108-1	70864	70278	71342	70828	0.75	cps
Calcium	43-1	860692	856645	853909	857082	0.40	cps
Calcium	44-1	14218501	14158744	14064329	14147191	0.55	cps
Chromium	52-2	447601	450628	450380	449536	0.37	cps
Cobalt	59-2	933096	931814	939991	934967	0.47	cps
Copper	63-2	1627840	1646435	1631939	1635405	0.60	cps
Dysprosium	156-1	142	192	142	158	18.23	cps
Dysprosium	156-2	7	30	20	19	61.96	cps
Erbium	164-1	75	50	100	75	33.34	cps
Erbium	164-2	10	10	23	14	53.28	cps
Gadolinium	160-1	142	83	167	131	32.75	cps
Gadolinium	160-2	33	30	27	30	11.10	cps
Holmium	165-1	9352911	9826897	9770166	9649991	2.68	cps
Holmium	165-2	2203656	2216504	2179838	2200000	0.85	cps
Indium	115-1	7408664	7916936	7854431	7726677	3.59	cps
Indium	115-2	383273	385919	388409	385867	0.67	cps
Iron	56-2	15123590	15249039	15283521	15218717	0.55	cps
Iron	57-2	384026	383988	381943	383319	0.31	cps
Lead	206-1	2851318	2795334	2835995	2827549	1.02	cps
Lead	207-1	2618910	2572564	2589644	2593706	0.90	cps
Lead	208-1	11572910	11422413	11461700	11485675	0.68	cps
Lithium	6-1	681025	722121	719246	707464	3.24	cps
Magnesium	24-2	1599649	1614445	1584227	1599440	0.94	cps
Manganese	55-2	256722	255308	256598	256209	0.31	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102237BS	Instrumnet Name :	P8
Client Sample ID :	PB102237BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:04:03	DataFile Name :	036LCS6_P8091217- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3611495	3562658	3580311	3584821	0.69	cps
Molybdenum	95-1	1929206	1915143	1925306	1923218	0.38	cps
Molybdenum	96-1	2470137	2500701	2472219	2481019	0.69	cps
Molybdenum	97-1	1172018	1164940	1161576	1166178	0.46	cps
Molybdenum	98-1	3099871	3090380	3136030	3108760	0.77	cps
Neodymium	150-1	280	307	233	273	13.58	cps
Neodymium	150-2	17	27	13	19	36.75	cps
Nickel	60-2	271803	273482	271574	272286	0.38	cps
Phosphorus	31-2	5201	4776	5001	4993	4.26	cps
Potassium	39-2	484719	489621	487847	487395	0.51	cps
Rhodium	103-1	6667443	6989277	7030433	6895718	2.88	cps
Rhodium	103-2	1956113	1950105	1951080	1952433	0.17	cps
Scandium	45-1	3734366	3922819	3940115	3865767	2.95	cps
Scandium	45-2	39295	40716	40900	40303	2.18	cps
Selenium	77-2	427	407	437	423	3.61	cps
Selenium	78-2	1461	1485	1495	1480	1.16	cps
Selenium	82-1	60807	60525	60342	60558	0.39	cps
Silicon	28-1	1838000	1847052	1818990	1834681	0.78	cps
Silver	109-1	4589052	4586072	4660030	4611718	0.91	cps
Silver	107-1	4925529	4840427	4914947	4893634	0.95	cps
Sodium	23-2	3876404	3879285	3847599	3867762	0.45	cps
Strontium	86-1	1240595	1235674	1235206	1237159	0.24	cps
Strontium	88-1	10707732	10577639	10643362	10642911	0.61	cps
Sulfur	34-1	556917	553922	548973	553271	0.73	cps
Terbium	159-1	9686915	10288918	10287583	10087805	3.44	cps
Terbium	159-2	2142270	2161276	2129887	2144478	0.74	cps
Thallium	203-1	3554788	3523618	3514112	3530839	0.60	cps
Thallium	205-1	8357464	8221071	8186961	8255165	1.09	cps
Tin	118-1	3243422	3253670	3341169	3279421	1.64	cps
Titanium	47-1	451818	451042	449434	450765	0.27	cps
Uranium	238-1	10281272	10303012	10249364	10277883	0.26	cps
Vanadium	51-2	334328	336243	335923	335498	0.31	cps
Yttrium	89-1	7658484	8188766	8175799	8007683	3.78	cps
Yttrium	89-2	289877	287192	288055	288374	0.48	cps
Zinc	66-2	150893	150655	153051	151533	0.87	cps
Zirconium	90-1	6765513	6727535	6693731	6728926	0.53	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	PB102237BS	Instrumnet Name :	P8
Client Sample ID :	PB102237BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:04:03	DataFile Name :	036LCS6_P8091217- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1513439	1526076	1499834	1513116	0.87	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5123-10	Instrumnet Name :	P8
Client Sample ID :	FB-01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:07:04	DataFile Name :	037SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	8	42	33	66.15	cps
Antimony	121-1	2859	3017	2584	2820	7.78	cps
Arsenic	75-2	13	9	7	10	28.61	cps
Barium	135-1	325	392	367	361	9.33	cps
Barium	137-1	458	542	592	531	12.70	cps
Beryllium	9-1	278	261	167	235	25.48	cps
Bismuth	209-1	6518052	6537538	6211986	6422525	2.84	cps
Bismuth	209-2	1875105	1875144	1867407	1872552	0.24	cps
Boron	10-1	1784	1700	1375	1620	13.32	cps
Boron	11-1	8111	7769	7286	7722	5.37	cps
Cadmium	111-1	1221	1233	1274	1242	2.24	cps
Cadmium	106-1	1675	1692	1717	1695	1.24	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	2109	2192	2192	2164	2.22	cps
Calcium	44-1	42490	41303	42114	41969	1.45	cps
Chromium	52-2	727	747	733	736	1.38	cps
Cobalt	59-2	47	37	53	46	18.41	cps
Copper	63-2	387	360	373	373	3.57	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	100	8	33	47	100.36	cps
Erbium	164-2	7	23	3	11	96.43	cps
Gadolinium	160-1	58	67	25	50	44.10	cps
Gadolinium	160-2	7	23	13	14	58.06	cps
Holmium	165-1	10674332	10570634	10259800	10501589	2.05	cps
Holmium	165-2	2394622	2377572	2394952	2389049	0.42	cps
Indium	115-1	8848272	8887540	8463698	8733170	2.68	cps
Indium	115-2	442792	436554	436065	438470	0.86	cps
Iron	56-2	4184	4267	4367	4273	2.15	cps
Iron	57-2	133	150	94	126	22.64	cps
Lead	206-1	995	856	1061	970	10.81	cps
Lead	207-1	950	1061	895	969	8.76	cps
Lead	208-1	4239	4195	4034	4156	2.60	cps
Lithium	6-1	787743	785775	753990	775836	2.44	cps
Magnesium	24-2	592	550	608	583	5.15	cps
Manganese	55-2	103	100	103	102	1.89	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5123-10	Instrumnet Name :	P8
Client Sample ID :	FB-01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:07:04	DataFile Name :	037SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	500	583	617	567	10.61	cps
Molybdenum	95-1	325	208	258	264	22.18	cps
Molybdenum	96-1	525	358	442	442	18.87	cps
Molybdenum	97-1	225	283	208	239	16.49	cps
Molybdenum	98-1	542	517	508	522	3.32	cps
Neodymium	150-1	33	7	7	16	98.94	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	390	287	300	326	17.27	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	3509	3467	3401	3459	1.58	cps
Rhodium	103-1	8000264	7968201	7683500	7883988	2.21	cps
Rhodium	103-2	2249162	2227740	2231054	2235985	0.52	cps
Scandium	45-1	4379609	4346697	4115360	4280555	3.36	cps
Scandium	45-2	43832	43811	43391	43678	0.57	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	9	7	7	8	13.31	cps
Selenium	82-1	-78	-50	1	-42	-95.00	cps
Silicon	28-1	331864	334578	340309	335584	1.28	cps
Silver	109-1	492	442	633	522	19.04	cps
Silver	107-1	475	467	400	447	9.19	cps
Sodium	23-2	8895	8653	8861	8803	1.49	cps
Strontium	86-1	1567	1508	1458	1511	3.59	cps
Strontium	88-1	4734	4593	4593	4640	1.76	cps
Sulfur	34-1	294501	292962	293137	293533	0.29	cps
Terbium	159-1	11305164	11099161	10708245	11037523	2.75	cps
Terbium	159-2	2376127	2312131	2364375	2350878	1.45	cps
Thallium	203-1	650	392	508	517	25.04	cps
Thallium	205-1	1250	975	1100	1108	12.42	cps
Tin	118-1	2175	1817	1667	1886	13.85	cps
Titanium	47-1	233	275	292	267	11.27	cps
Uranium	238-1	267	342	283	297	13.25	cps
Vanadium	51-2	20	13	7	13	49.99	cps
Yttrium	89-1	9108384	8998765	8613103	8906751	2.92	cps
Yttrium	89-2	324597	320612	320011	321740	0.77	cps
Zinc	66-2	1007	970	897	958	5.85	cps
Zirconium	90-1	983	1000	892	958	6.09	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5123-10	Instrumnet Name :	P8
Client Sample ID :	FB-01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:07:04	DataFile Name :	037SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	150	192	203	29.15	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-01	Instrumnet Name :	P8
Client Sample ID :	WP021MW357-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:10:12	DataFile Name :	038SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1959	1784	1700	1814	7.27	cps
Antimony	121-1	16361	15443	14867	15557	4.84	cps
Arsenic	75-2	157	131	150	146	9.13	cps
Barium	135-1	107828	108022	108761	108204	0.45	cps
Barium	137-1	188113	186647	186996	187252	0.41	cps
Beryllium	9-1	194	172	217	194	11.43	cps
Bismuth	209-1	4949284	4946420	5017685	4971130	0.81	cps
Bismuth	209-2	1357538	1297294	1327282	1327371	2.27	cps
Boron	10-1	137041	139287	139893	138740	1.08	cps
Boron	11-1	651061	657643	672313	660339	1.65	cps
Cadmium	111-1	1528	1649	1763	1647	7.14	cps
Cadmium	106-1	1400	1500	1500	1467	3.94	cps
Cadmium	108-1	104	67	71	81	25.52	cps
Calcium	43-1	13316619	13141394	13175588	13211200	0.70	cps
Calcium	44-1	221311255	220216047	219157505	220228269	0.49	cps
Chromium	52-2	1647	1560	1377	1528	9.02	cps
Cobalt	59-2	37226	36689	35288	36401	2.75	cps
Copper	63-2	15232	15312	14755	15099	2.00	cps
Dysprosium	156-1	908	1100	1067	1025	9.99	cps
Dysprosium	156-2	173	203	210	196	9.99	cps
Erbium	164-1	775	750	733	753	2.79	cps
Erbium	164-2	190	170	190	183	6.30	cps
Gadolinium	160-1	875	917	975	922	5.45	cps
Gadolinium	160-2	287	287	253	276	6.98	cps
Holmium	165-1	8666670	8809561	8926826	8801019	1.48	cps
Holmium	165-2	1921745	1820874	1899625	1880748	2.82	cps
Indium	115-1	7714530	7803005	7611560	7709698	1.24	cps
Indium	115-2	363701	342116	346469	350762	3.25	cps
Iron	56-2	4920486	4812282	4685809	4806192	2.44	cps
Iron	57-2	125140	121879	118953	121991	2.54	cps
Lead	206-1	5590	5312	5190	5364	3.82	cps
Lead	207-1	4612	4584	4345	4514	3.25	cps
Lead	208-1	21830	20957	19990	20926	4.40	cps
Lithium	6-1	857887	887235	897586	880903	2.34	cps
Magnesium	24-2	3133591	3111233	3007713	3084179	2.18	cps
Manganese	55-2	697004	680575	661075	679551	2.65	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-01	Instrumnet Name :	P8
Client Sample ID :	WP021MW357-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:10:12	DataFile Name :	038SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4659	4751	4593	4668	1.70	cps
Molybdenum	95-1	2934	2709	2850	2831	4.02	cps
Molybdenum	96-1	3601	3842	3376	3606	6.47	cps
Molybdenum	97-1	1884	1725	1759	1789	4.67	cps
Molybdenum	98-1	4584	4468	4117	4390	5.53	cps
Neodymium	150-1	1654	1667	1600	1640	2.15	cps
Neodymium	150-2	253	250	230	244	5.16	cps
Nickel	60-2	18095	17835	17441	17790	1.85	cps
Phosphorus	31-2	17	25	17	19	24.73	cps
Potassium	39-2	126095	123329	118739	122721	3.03	cps
Rhodium	103-1	6267004	6242989	6328881	6279625	0.71	cps
Rhodium	103-2	1735036	1655213	1681357	1690535	2.41	cps
Scandium	45-1	3773566	3759491	3693872	3742310	1.14	cps
Scandium	45-2	36487	34910	34452	35283	3.03	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	7	4	5	43.39	cps
Selenium	82-1	762	609	747	706	11.92	cps
Silicon	28-1	23066384	23024794	22843632	22978270	0.52	cps
Silver	109-1	4884	4484	3901	4423	11.18	cps
Silver	107-1	5168	4176	4218	4520	12.41	cps
Sodium	23-2	36836684	35928400	34986683	35917256	2.58	cps
Strontium	86-1	13530570	13726720	13581050	13612780	0.75	cps
Strontium	88-1	116852765	118205194	116923469	117327143	0.65	cps
Sulfur	34-1	8259685	8128404	8059515	8149201	1.25	cps
Terbium	159-1	9189638	9344191	9198582	9244137	0.94	cps
Terbium	159-2	1894051	1809195	1830145	1844463	2.40	cps
Thallium	203-1	858	733	825	806	8.04	cps
Thallium	205-1	2242	1984	1834	2020	10.23	cps
Tin	118-1	19048	19315	18655	19006	1.75	cps
Titanium	47-1	9412	9520	9537	9490	0.72	cps
Uranium	238-1	197818	204140	203735	201898	1.75	cps
Vanadium	51-2	920	950	820	897	7.59	cps
Yttrium	89-1	7750668	7731554	7605224	7695815	1.03	cps
Yttrium	89-2	261374	247387	251705	253488	2.83	cps
Zinc	66-2	17408	16737	15916	16687	4.48	cps
Zirconium	90-1	8637	8286	8461	8461	2.07	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-01	Instrumnet Name :	P8
Client Sample ID :	WP021MW357-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:10:12	DataFile Name :	038SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1875	1909	1967	1917	2.42	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5146-02 Instrumnet Name : P8
 Client Sample ID : WP021RW350-170906 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:13:21 DataFile Name : 039SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	108	117	131	24.17	cps
Antimony	121-1	9362	9504	9562	9476	1.09	cps
Arsenic	75-2	809	828	752	796	4.97	cps
Barium	135-1	292530	292942	297434	294302	0.92	cps
Barium	137-1	509683	512002	513953	511879	0.42	cps
Beryllium	9-1	200	206	167	191	11.03	cps
Bismuth	209-1	5549390	5672932	5677307	5633210	1.29	cps
Bismuth	209-2	1483614	1339440	1462536	1428530	5.45	cps
Boron	10-1	39681	40792	40943	40472	1.70	cps
Boron	11-1	183433	185847	192136	187139	2.40	cps
Cadmium	111-1	964	1047	1241	1084	13.11	cps
Cadmium	106-1	1208	1350	1600	1386	14.31	cps
Cadmium	108-1	33	33	42	36	13.33	cps
Calcium	43-1	4021826	4036193	4021672	4026564	0.21	cps
Calcium	44-1	66365414	66733285	66303072	66467257	0.35	cps
Chromium	52-2	2220	2087	2017	2108	4.90	cps
Cobalt	59-2	3327	3204	3170	3234	2.55	cps
Copper	63-2	3801	3931	4134	3955	4.25	cps
Dysprosium	156-1	142	117	100	119	17.56	cps
Dysprosium	156-2	40	40	33	38	10.19	cps
Erbium	164-1	150	167	200	172	14.78	cps
Erbium	164-2	27	10	7	14	74.18	cps
Gadolinium	160-1	217	200	217	211	4.56	cps
Gadolinium	160-2	30	63	30	41	46.81	cps
Holmium	165-1	9352203	9437654	9428564	9406140	0.50	cps
Holmium	165-2	2017185	1814227	1995684	1942365	5.74	cps
Indium	115-1	7819214	7944989	7817754	7860652	0.93	cps
Indium	115-2	363112	330268	353769	349050	4.85	cps
Iron	56-2	4818795	4795514	4798829	4804379	0.26	cps
Iron	57-2	118751	119094	120466	119437	0.76	cps
Lead	206-1	2450	2395	2434	2426	1.17	cps
Lead	207-1	1967	2050	1884	1967	4.24	cps
Lead	208-1	9313	9224	8902	9146	2.37	cps
Lithium	6-1	988443	998380	1018458	1001760	1.53	cps
Magnesium	24-2	627109	624713	622464	624762	0.37	cps
Manganese	55-2	177856	178491	176419	177589	0.60	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-02	Instrumnet Name :	P8
Client Sample ID :	WP021RW350-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:13:21	DataFile Name :	039SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2234	1834	2200	2089	10.63	cps
Molybdenum	95-1	1267	1142	1467	1292	12.69	cps
Molybdenum	96-1	1742	1900	1267	1636	20.15	cps
Molybdenum	97-1	783	775	733	764	3.51	cps
Molybdenum	98-1	2084	2175	2150	2136	2.22	cps
Neodymium	150-1	100	127	147	124	18.81	cps
Neodymium	150-2	40	13	10	21	77.90	cps
Nickel	60-2	3754	3567	3390	3571	5.09	cps
Phosphorus	31-2	33	17	50	33	49.99	cps
Potassium	39-2	102169	100911	100272	101117	0.95	cps
Rhodium	103-1	6630269	6655636	6701988	6662631	0.55	cps
Rhodium	103-2	1830274	1655051	1822610	1769312	5.60	cps
Scandium	45-1	3795650	3791795	3751644	3779697	0.64	cps
Scandium	45-2	36671	33688	36300	35553	4.57	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	2	2	9	4	99.03	cps
Selenium	82-1	148	235	146	176	28.94	cps
Silicon	28-1	36602240	37005365	37315916	36974507	0.97	cps
Silver	109-1	2442	2159	2467	2356	7.27	cps
Silver	107-1	2767	2409	2717	2631	7.38	cps
Sodium	23-2	6810582	6742811	6717530	6756974	0.71	cps
Strontium	86-1	2584470	2581678	2582712	2582953	0.05	cps
Strontium	88-1	21695809	21938512	21917940	21850754	0.62	cps
Sulfur	34-1	1054462	1067830	1067509	1063267	0.72	cps
Terbium	159-1	9783164	9890238	9996388	9889930	1.08	cps
Terbium	159-2	1948694	1750576	1934424	1877898	5.88	cps
Thallium	203-1	217	192	200	203	6.28	cps
Thallium	205-1	417	467	358	414	13.10	cps
Tin	118-1	14800	15793	15201	15265	3.27	cps
Titanium	47-1	1175	1250	1678	1368	19.82	cps
Uranium	238-1	25477	26145	24425	25349	3.42	cps
Vanadium	51-2	293	323	263	293	10.23	cps
Yttrium	89-1	7696434	7778340	7802022	7758932	0.71	cps
Yttrium	89-2	265146	236398	256793	252779	5.85	cps
Zinc	66-2	2970	3174	3007	3050	3.55	cps
Zirconium	90-1	3901	3576	3609	3695	4.84	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-02	Instrumnet Name :	P8
Client Sample ID :	WP021RW350-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:13:21	DataFile Name :	039SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	792	767	892	817	8.10	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5146-03 Instrumnet Name : P8
 Client Sample ID : WP021MW124-170906 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:16:27 DataFile Name : 040SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1125	983	1133	1081	7.80	cps
Antimony	121-1	9445	9537	9571	9518	0.68	cps
Arsenic	75-2	267	276	274	272	1.80	cps
Barium	135-1	142815	147151	144169	144712	1.53	cps
Barium	137-1	248435	253546	253165	251715	1.13	cps
Beryllium	9-1	172	183	156	170	8.21	cps
Bismuth	209-1	5719069	5741833	5712257	5724386	0.27	cps
Bismuth	209-2	1468602	1448222	1476440	1464421	0.99	cps
Boron	10-1	33190	34175	34067	33810	1.60	cps
Boron	11-1	156805	158906	159788	158500	0.97	cps
Cadmium	111-1	1139	1288	1121	1183	7.74	cps
Cadmium	106-1	1350	1500	1367	1406	5.85	cps
Cadmium	108-1	21	29	21	24	20.39	cps
Calcium	43-1	3378369	3387216	3330006	3365197	0.92	cps
Calcium	44-1	55484970	55192495	54773739	55150401	0.65	cps
Chromium	52-2	6445	6455	6322	6407	1.16	cps
Cobalt	59-2	8163	7836	7889	7962	2.20	cps
Copper	63-2	5231	5231	5238	5233	0.07	cps
Dysprosium	156-1	725	767	758	750	2.94	cps
Dysprosium	156-2	173	200	160	178	11.46	cps
Erbium	164-1	733	625	892	750	17.88	cps
Erbium	164-2	93	127	113	111	15.10	cps
Gadolinium	160-1	683	842	675	733	12.81	cps
Gadolinium	160-2	183	210	167	187	11.71	cps
Holmium	165-1	9479884	9592177	9480930	9517664	0.68	cps
Holmium	165-2	1974392	1953660	1978790	1968947	0.68	cps
Indium	115-1	7781699	7762444	7843999	7796047	0.55	cps
Indium	115-2	352612	351297	352547	352152	0.21	cps
Iron	56-2	2058857	2006757	2062570	2042728	1.53	cps
Iron	57-2	50943	50124	51178	50748	1.09	cps
Lead	206-1	3517	3540	3523	3527	0.33	cps
Lead	207-1	2739	2967	3012	2906	5.03	cps
Lead	208-1	13214	13453	13548	13405	1.28	cps
Lithium	6-1	1063465	1081683	1094953	1080034	1.46	cps
Magnesium	24-2	313179	309121	309484	310595	0.72	cps
Manganese	55-2	91605	89572	90367	90514	1.13	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-03	Instrumnet Name :	P8
Client Sample ID :	WP021MW124-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:16:27	DataFile Name :	040SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2009	2092	2217	2106	4.98	cps
Molybdenum	95-1	342	458	575	458	25.46	cps
Molybdenum	96-1	667	767	900	778	15.05	cps
Molybdenum	97-1	458	350	242	350	30.95	cps
Molybdenum	98-1	833	808	825	822	1.55	cps
Neodymium	150-1	1220	1213	1067	1167	7.43	cps
Neodymium	150-2	73	150	203	142	45.95	cps
Nickel	60-2	4704	4571	4681	4652	1.53	cps
Phosphorus	31-2	17	33	8	19	65.47	cps
Potassium	39-2	64071	63042	63812	63642	0.84	cps
Rhodium	103-1	6711693	6706593	6666588	6694958	0.37	cps
Rhodium	103-2	1824616	1819834	1826256	1823569	0.18	cps
Scandium	45-1	3816158	3762746	3745622	3774842	0.97	cps
Scandium	45-2	35943	35401	36347	35897	1.32	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	2	9	2	4	99.03	cps
Selenium	82-1	149	134	133	139	6.44	cps
Silicon	28-1	19588880	19904570	19329679	19607709	1.47	cps
Silver	109-1	2200	1592	1734	1842	17.29	cps
Silver	107-1	2250	2109	1892	2084	8.66	cps
Sodium	23-2	4643467	4564621	4602681	4603590	0.86	cps
Strontium	86-1	1539625	1525003	1519547	1528058	0.68	cps
Strontium	88-1	13014431	13030713	13003802	13016315	0.10	cps
Sulfur	34-1	1088202	1095778	1079314	1087764	0.76	cps
Terbium	159-1	9953303	9913165	9952613	9939693	0.23	cps
Terbium	159-2	1924498	1923575	1926468	1924847	0.08	cps
Thallium	203-1	150	192	167	169	12.38	cps
Thallium	205-1	275	308	367	317	14.65	cps
Tin	118-1	15243	15142	15635	15340	1.70	cps
Titanium	47-1	8962	8011	9196	8723	7.19	cps
Uranium	238-1	58697	58589	57693	58326	0.95	cps
Vanadium	51-2	983	960	1003	982	2.21	cps
Yttrium	89-1	7797931	7852661	7730293	7793628	0.79	cps
Yttrium	89-2	257243	255341	255407	255997	0.42	cps
Zinc	66-2	1843	1790	1827	1820	1.50	cps
Zirconium	90-1	5093	5351	5185	5210	2.52	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-03	Instrumnet Name :	P8
Client Sample ID :	WP021MW124-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:16:27	DataFile Name :	040SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1267	1092	1250	1203	8.03	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5146-04 Instrumnet Name : P8
 Client Sample ID : WP021MW120-170906 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:19:32 DataFile Name : 041SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	250	217	261	19.51	cps
Antimony	121-1	9087	8912	8378	8792	4.20	cps
Arsenic	75-2	19169	18711	18726	18868	1.38	cps
Barium	135-1	306048	312739	313196	310661	1.29	cps
Barium	137-1	530969	541178	544695	538947	1.32	cps
Beryllium	9-1	217	272	194	228	17.59	cps
Bismuth	209-1	5588641	5727307	5716181	5677376	1.36	cps
Bismuth	209-2	1419045	1423555	1422816	1421805	0.17	cps
Boron	10-1	49285	51643	50850	50593	2.37	cps
Boron	11-1	232935	238815	242389	238047	2.01	cps
Cadmium	111-1	1266	1205	1266	1246	2.84	cps
Cadmium	106-1	1559	1458	1592	1536	4.52	cps
Cadmium	108-1	29	29	46	35	27.70	cps
Calcium	43-1	3833207	3851115	3882621	3855648	0.65	cps
Calcium	44-1	63392497	63817754	63814162	63674804	0.38	cps
Chromium	52-2	2114	2084	2210	2136	3.10	cps
Cobalt	59-2	1290	1360	1393	1348	3.91	cps
Copper	63-2	4201	4074	3817	4031	4.85	cps
Dysprosium	156-1	58	75	58	64	15.05	cps
Dysprosium	156-2	20	27	23	23	14.29	cps
Erbium	164-1	108	133	100	114	15.23	cps
Erbium	164-2	20	17	7	14	48.02	cps
Gadolinium	160-1	108	167	158	144	21.84	cps
Gadolinium	160-2	30	40	30	33	17.32	cps
Holmium	165-1	9294762	9493496	9488051	9425437	1.20	cps
Holmium	165-2	1952455	1940605	1935543	1942868	0.45	cps
Indium	115-1	7572753	7603967	7581724	7586148	0.21	cps
Indium	115-2	340178	335259	336787	337408	0.75	cps
Iron	56-2	9981209	9961351	9876564	9939708	0.56	cps
Iron	57-2	252612	249800	247816	250076	0.96	cps
Lead	206-1	1989	2328	2217	2178	7.93	cps
Lead	207-1	1867	1700	1917	1828	6.21	cps
Lead	208-1	8307	8890	8590	8596	3.39	cps
Lithium	6-1	1056747	1086445	1116424	1086538	2.75	cps
Magnesium	24-2	1004899	998365	1004548	1002604	0.37	cps
Manganese	55-2	53352	54074	54546	53991	1.11	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW120-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:19:32	DataFile Name :	041SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6902	7336	6627	6955	5.14	cps
Molybdenum	95-1	8720	8420	8637	8592	1.80	cps
Molybdenum	96-1	9695	9871	9170	9579	3.81	cps
Molybdenum	97-1	5243	5285	5318	5282	0.71	cps
Molybdenum	98-1	13215	14725	13616	13852	5.65	cps
Neodymium	150-1	107	213	73	131	55.78	cps
Neodymium	150-2	23	7	17	16	53.90	cps
Nickel	60-2	1823	1877	1930	1877	2.84	cps
Phosphorus	31-2	67	42	17	42	60.00	cps
Potassium	39-2	58790	58866	58347	58668	0.48	cps
Rhodium	103-1	6414952	6550460	6576260	6513891	1.33	cps
Rhodium	103-2	1780877	1760983	1763485	1768448	0.61	cps
Scandium	45-1	3691345	3714012	3768237	3724531	1.06	cps
Scandium	45-2	36461	35101	35137	35566	2.18	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	6	2	114.63	cps
Selenium	82-1	552	642	472	555	15.26	cps
Silicon	28-1	66805420	68500258	67683481	67663053	1.25	cps
Silver	109-1	1342	1725	1467	1511	12.94	cps
Silver	107-1	1525	1617	1650	1597	4.05	cps
Sodium	23-2	9982667	9987258	9970317	9980081	0.09	cps
Strontium	86-1	2914820	2965874	2931754	2937482	0.89	cps
Strontium	88-1	24797934	25111488	25062985	24990802	0.68	cps
Sulfur	34-1	1493385	1505381	1517657	1505474	0.81	cps
Terbium	159-1	9721334	9813846	9890293	9808491	0.86	cps
Terbium	159-2	1901000	1900992	1900906	1900966	0.00	cps
Thallium	203-1	150	117	92	119	24.50	cps
Thallium	205-1	258	283	208	250	15.28	cps
Tin	118-1	13574	14642	14734	14317	4.50	cps
Titanium	47-1	1358	1192	1392	1314	8.16	cps
Uranium	238-1	8737	9537	9412	9229	4.67	cps
Vanadium	51-2	337	347	327	337	2.97	cps
Yttrium	89-1	7540962	7607488	7657631	7602027	0.77	cps
Yttrium	89-2	249572	247526	246235	247778	0.68	cps
Zinc	66-2	3454	3320	3607	3460	4.15	cps
Zirconium	90-1	5793	6995	6210	6333	9.63	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW120-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:19:32	DataFile Name :	041SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1692	1350	1642	1561	11.82	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5146-06 Instrumnet Name : P8
 Client Sample ID : WP021MW357-170906 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:22:39 DataFile Name : 042SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	33	50	53	39.74	cps
Antimony	121-1	8628	8745	8762	8712	0.83	cps
Arsenic	75-2	133	154	124	137	11.06	cps
Barium	135-1	100799	102771	101941	101837	0.97	cps
Barium	137-1	178480	176816	176623	177306	0.58	cps
Beryllium	9-1	122	133	139	131	6.45	cps
Bismuth	209-1	5295345	5384121	5329552	5336340	0.84	cps
Bismuth	209-2	1362715	1362652	1349278	1358215	0.57	cps
Boron	10-1	143343	145270	147356	145323	1.38	cps
Boron	11-1	680170	691244	694059	688491	1.07	cps
Cadmium	111-1	1505	1874	1658	1679	11.06	cps
Cadmium	106-1	1342	1750	1417	1503	14.46	cps
Cadmium	108-1	79	67	67	71	10.19	cps
Calcium	43-1	13255347	13355649	13226306	13279101	0.51	cps
Calcium	44-1	223203238	221035105	220574097	221604147	0.63	cps
Chromium	52-2	1087	1053	1053	1065	1.81	cps
Cobalt	59-2	35485	35953	35953	35797	0.75	cps
Copper	63-2	4081	4427	4171	4226	4.26	cps
Dysprosium	156-1	42	42	58	47	20.38	cps
Dysprosium	156-2	10	13	0	8	89.21	cps
Erbium	164-1	67	125	92	94	30.99	cps
Erbium	164-2	17	13	17	16	12.40	cps
Gadolinium	160-1	75	58	92	75	22.22	cps
Gadolinium	160-2	30	30	20	27	21.65	cps
Holmium	165-1	9203665	9295910	9273546	9257707	0.52	cps
Holmium	165-2	1941475	1923769	1900089	1921778	1.08	cps
Indium	115-1	7251855	7334558	7305052	7297155	0.57	cps
Indium	115-2	333099	328595	326596	329430	1.01	cps
Iron	56-2	2370002	2365898	2319600	2351833	1.19	cps
Iron	57-2	58311	57792	58344	58149	0.53	cps
Lead	206-1	1784	1611	1639	1678	5.51	cps
Lead	207-1	1700	1550	1356	1535	11.25	cps
Lead	208-1	7251	6684	6495	6810	5.77	cps
Lithium	6-1	1023981	1067083	1091594	1060886	3.23	cps
Magnesium	24-2	3159371	3156168	3166403	3160647	0.17	cps
Manganese	55-2	666663	672802	664979	668148	0.62	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-06	Instrumnet Name :	P8
Client Sample ID :	WP021MW357-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:22:39	DataFile Name :	042SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1650	1500	1717	1622	6.84	cps
Molybdenum	95-1	1759	1817	1734	1770	2.42	cps
Molybdenum	96-1	1967	2225	1917	2036	8.13	cps
Molybdenum	97-1	1100	1233	1067	1133	7.78	cps
Molybdenum	98-1	3151	3134	2659	2981	9.37	cps
Neodymium	150-1	100	100	67	89	21.65	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	17301	17168	17999	17489	2.55	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	112867	117024	116798	115563	2.02	cps
Rhodium	103-1	6220716	6358325	6240613	6273218	1.19	cps
Rhodium	103-2	1720177	1698505	1683257	1700646	1.09	cps
Scandium	45-1	3565041	3657901	3628647	3617196	1.31	cps
Scandium	45-2	35321	35104	34486	34970	1.24	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	552	570	554	559	1.72	cps
Silicon	28-1	21087572	21171704	21057345	21105540	0.28	cps
Silver	109-1	1625	1400	1592	1539	7.89	cps
Silver	107-1	1675	1750	1750	1725	2.51	cps
Sodium	23-2	36549548	37011404	36983860	36848271	0.70	cps
Strontium	86-1	13759091	13693614	13763381	13738695	0.28	cps
Strontium	88-1	118487169	118281315	118507198	118425228	0.11	cps
Sulfur	34-1	8115917	8084323	8077530	8092590	0.25	cps
Terbium	159-1	9621258	9718008	9780361	9706542	0.83	cps
Terbium	159-2	1889263	1867819	1868185	1875089	0.65	cps
Thallium	203-1	483	483	575	514	10.30	cps
Thallium	205-1	1292	1358	1142	1264	8.78	cps
Tin	118-1	12290	12773	13441	12835	4.50	cps
Titanium	47-1	808	917	1000	908	10.58	cps
Uranium	238-1	234131	235192	230272	233198	1.11	cps
Vanadium	51-2	80	83	73	79	6.45	cps
Yttrium	89-1	7449007	7573261	7499219	7507162	0.83	cps
Yttrium	89-2	248190	246634	243780	246201	0.91	cps
Zinc	66-2	14448	14548	14294	14430	0.89	cps
Zirconium	90-1	1875	2025	1900	1934	4.16	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5146-06	Instrumnet Name :	P8
Client Sample ID :	WP021MW357-170906	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:22:39	DataFile Name :	042SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	408	367	389	5.39	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5163-01 Instrumnet Name : P8
 Client Sample ID : WP021IW385-170907 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:25:46 DataFile Name : 043SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2459	2634	2834	2642	7.10	cps
Antimony	121-1	8661	9137	8578	8792	3.43	cps
Arsenic	75-2	419	496	528	481	11.70	cps
Barium	135-1	129260	129505	131085	129950	0.76	cps
Barium	137-1	227275	229032	226212	227506	0.63	cps
Beryllium	9-1	178	211	172	187	11.25	cps
Bismuth	209-1	5796220	5764877	5768715	5776604	0.30	cps
Bismuth	209-2	1413617	1406466	1412196	1410760	0.27	cps
Boron	10-1	34050	33666	34927	34214	1.89	cps
Boron	11-1	156721	158795	155401	156972	1.09	cps
Cadmium	111-1	1348	1278	1493	1373	8.00	cps
Cadmium	106-1	1367	1283	1559	1403	10.05	cps
Cadmium	108-1	54	83	63	67	22.54	cps
Calcium	43-1	4778714	4836352	4811585	4808884	0.60	cps
Calcium	44-1	78751783	80432327	78999379	79394496	1.14	cps
Chromium	52-2	6909	6552	6612	6691	2.86	cps
Cobalt	59-2	4858	4758	4991	4869	2.41	cps
Copper	63-2	8042	8353	8076	8157	2.09	cps
Dysprosium	156-1	2909	3059	2959	2975	2.57	cps
Dysprosium	156-2	687	713	640	680	5.46	cps
Erbium	164-1	2659	2767	2967	2798	5.59	cps
Erbium	164-2	537	483	520	513	5.32	cps
Gadolinium	160-1	2967	3192	3201	3120	4.24	cps
Gadolinium	160-2	763	817	773	784	3.61	cps
Holmium	165-1	9456575	9414187	9567900	9479554	0.84	cps
Holmium	165-2	1904278	1901860	1906373	1904170	0.12	cps
Indium	115-1	7408756	7450942	7472384	7444027	0.43	cps
Indium	115-2	329901	325455	326775	327377	0.70	cps
Iron	56-2	14110160	14116185	13987422	14071256	0.52	cps
Iron	57-2	351751	351021	350041	350938	0.24	cps
Lead	206-1	13268	12851	13296	13139	1.90	cps
Lead	207-1	10621	10494	10588	10568	0.63	cps
Lead	208-1	50440	50402	51153	50665	0.83	cps
Lithium	6-1	1082156	1079983	1086849	1082996	0.32	cps
Magnesium	24-2	437957	435449	442489	438631	0.81	cps
Manganese	55-2	136479	134692	134716	135296	0.76	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-01	Instrumnet Name :	P8
Client Sample ID :	WP021IW385-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:25:46	DataFile Name :	043SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5268	5035	5110	5137	2.32	cps
Molybdenum	95-1	1092	1217	1025	1111	8.76	cps
Molybdenum	96-1	2309	2275	2075	2220	5.69	cps
Molybdenum	97-1	700	783	767	750	5.88	cps
Molybdenum	98-1	2084	2034	2100	2072	1.67	cps
Neodymium	150-1	4348	4948	4734	4677	6.51	cps
Neodymium	150-2	667	643	673	661	2.38	cps
Nickel	60-2	2077	2170	2017	2088	3.70	cps
Phosphorus	31-2	1242	1417	1242	1300	7.77	cps
Potassium	39-2	55393	56715	56832	56314	1.42	cps
Rhodium	103-1	6479005	6501309	6463902	6481405	0.29	cps
Rhodium	103-2	1736680	1750609	1721193	1736161	0.85	cps
Scandium	45-1	3734665	3697607	3625212	3685828	1.51	cps
Scandium	45-2	34125	33961	33861	33982	0.39	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	2	6	6	4	49.54	cps
Selenium	82-1	151	151	115	139	14.77	cps
Silicon	28-1	24567472	24926492	25146132	24880032	1.17	cps
Silver	109-1	1500	1675	1659	1611	6.00	cps
Silver	107-1	1784	1609	1659	1684	5.36	cps
Sodium	23-2	4673406	4608635	4676375	4652805	0.82	cps
Strontium	86-1	2014531	2011948	2003732	2010070	0.28	cps
Strontium	88-1	17098401	17135063	17074125	17102530	0.18	cps
Sulfur	34-1	1830392	1864721	1862147	1852420	1.03	cps
Terbium	159-1	9885187	9872461	9838409	9865352	0.25	cps
Terbium	159-2	1868110	1846979	1859459	1858183	0.57	cps
Thallium	203-1	367	300	375	347	11.84	cps
Thallium	205-1	792	808	850	817	3.68	cps
Tin	118-1	95844	96388	99393	97208	1.97	cps
Titanium	47-1	243476	250226	246157	246620	1.38	cps
Uranium	238-1	59795	60707	60682	60395	0.86	cps
Vanadium	51-2	5308	5378	5545	5410	2.25	cps
Yttrium	89-1	7507639	7521728	7485844	7505071	0.24	cps
Yttrium	89-2	242796	241118	239983	241299	0.59	cps
Zinc	66-2	6028	6155	6508	6230	3.99	cps
Zirconium	90-1	12056	12106	12456	12206	1.79	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-01	Instrumnet Name :	P8
Client Sample ID :	WP021IW385-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:25:46	DataFile Name :	043SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3009	2784	2809	2867	4.30	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5163-02 Instrumnet Name : P8
 Client Sample ID : WP021MW469-170907 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:28:52 DataFile Name : 044SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1008	1025	975	1003	2.54	cps
Antimony	121-1	15201	15635	15568	15468	1.51	cps
Arsenic	75-2	396	365	359	373	5.35	cps
Barium	135-1	189437	189411	186607	188485	0.86	cps
Barium	137-1	328705	334762	329491	330986	1.00	cps
Beryllium	9-1	133	161	139	144	10.18	cps
Bismuth	209-1	5787470	5790675	5817216	5798454	0.28	cps
Bismuth	209-2	1428006	1408907	1407193	1414702	0.82	cps
Boron	10-1	34518	34275	34208	34334	0.47	cps
Boron	11-1	155576	156521	159654	157250	1.36	cps
Cadmium	111-1	1210	1226	1136	1191	4.02	cps
Cadmium	106-1	1508	1533	1358	1467	6.45	cps
Cadmium	108-1	42	8	21	24	71.34	cps
Calcium	43-1	3019415	2980939	2991569	2997308	0.66	cps
Calcium	44-1	49042514	48916568	48632807	48863963	0.43	cps
Chromium	52-2	25600	25907	25590	25699	0.70	cps
Cobalt	59-2	5421	5278	5298	5332	1.46	cps
Copper	63-2	4407	4314	4571	4431	2.93	cps
Dysprosium	156-1	892	1183	883	986	17.33	cps
Dysprosium	156-2	240	197	277	238	16.84	cps
Erbium	164-1	925	917	917	920	0.52	cps
Erbium	164-2	180	143	173	166	11.80	cps
Gadolinium	160-1	1017	1175	1133	1108	7.41	cps
Gadolinium	160-2	250	273	233	252	7.97	cps
Holmium	165-1	9465125	9588869	9417663	9490552	0.93	cps
Holmium	165-2	1926457	1901196	1894706	1907453	0.88	cps
Indium	115-1	7439091	7515583	7537136	7497270	0.69	cps
Indium	115-2	330697	327656	323253	327202	1.14	cps
Iron	56-2	562296	561297	565168	562920	0.36	cps
Iron	57-2	14942	14413	13996	14450	3.28	cps
Lead	206-1	4240	4434	4545	4406	3.51	cps
Lead	207-1	3756	3717	3628	3701	1.77	cps
Lead	208-1	16760	17461	17188	17137	2.06	cps
Lithium	6-1	1084341	1100274	1122369	1102328	1.73	cps
Magnesium	24-2	437824	439778	437680	438427	0.27	cps
Manganese	55-2	164633	165514	165578	165242	0.32	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW469-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:28:52	DataFile Name :	044SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5293	5510	4534	5112	10.02	cps
Molybdenum	95-1	5360	5185	5460	5335	2.61	cps
Molybdenum	96-1	5885	6002	5918	5935	1.01	cps
Molybdenum	97-1	3334	3292	3276	3301	0.91	cps
Molybdenum	98-1	8828	8553	8511	8631	1.99	cps
Neodymium	150-1	1380	1520	1473	1458	4.89	cps
Neodymium	150-2	177	150	170	166	8.38	cps
Nickel	60-2	1660	1523	1477	1553	6.13	cps
Phosphorus	31-2	0	42	0	14	173.21	cps
Potassium	39-2	105653	105351	105493	105499	0.14	cps
Rhodium	103-1	6494191	6592197	6569829	6552072	0.78	cps
Rhodium	103-2	1788168	1733127	1752270	1757855	1.59	cps
Scandium	45-1	3675891	3636631	3686650	3666391	0.72	cps
Scandium	45-2	34640	33711	34305	34218	1.38	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	118	-2	82	66	93.63	cps
Silicon	28-1	26046413	25730479	25703807	25826900	0.74	cps
Silver	109-1	1342	1458	1492	1431	5.51	cps
Silver	107-1	1292	1625	1450	1456	11.46	cps
Sodium	23-2	4557702	4484987	4517388	4520026	0.81	cps
Strontium	86-1	2054334	2070824	2061244	2062134	0.40	cps
Strontium	88-1	17473266	17609295	17329778	17470780	0.80	cps
Sulfur	34-1	1194021	1182574	1185983	1187526	0.49	cps
Terbium	159-1	9831356	9811220	9913633	9852070	0.55	cps
Terbium	159-2	1881078	1844858	1841487	1855808	1.18	cps
Thallium	203-1	75	117	142	111	30.31	cps
Thallium	205-1	300	292	350	314	10.05	cps
Tin	118-1	12665	13315	13708	13229	3.98	cps
Titanium	47-1	3017	3109	3509	3212	8.14	cps
Uranium	238-1	27799	28292	27832	27974	0.98	cps
Vanadium	51-2	1100	1170	1133	1135	3.09	cps
Yttrium	89-1	7481595	7540028	7514242	7511955	0.39	cps
Yttrium	89-2	241814	239066	239300	240060	0.63	cps
Zinc	66-2	1557	1603	1743	1635	5.94	cps
Zirconium	90-1	5993	6235	5726	5985	4.25	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-02	Instrumnet Name :	P8
Client Sample ID :	WP021MW469-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:28:52	DataFile Name :	044SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1250	1192	1250	1231	2.74	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : CCV97 Instrumnet Name : P8
 Client Sample ID : CCV97 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:32:00 DataFile Name : 045CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	312680	310907	311161	311582	0.31	cps
Antimony	121-1	4476183	4475631	4503075	4484963	0.35	cps
Arsenic	75-2	56731	55609	55563	55968	1.18	cps
Barium	135-1	5098848	5051145	5092939	5080977	0.51	cps
Barium	137-1	8725190	8739455	8751950	8738865	0.15	cps
Beryllium	9-1	476121	475618	474281	475340	0.20	cps
Bismuth	209-1	5719252	5791686	5851142	5787360	1.14	cps
Bismuth	209-2	1616347	1582445	1589909	1596233	1.12	cps
Boron	10-1	56403	58244	58713	57787	2.11	cps
Boron	11-1	262000	264191	269230	265140	1.40	cps
Cadmium	111-1	999060	999768	1001450	1000092	0.12	cps
Cadmium	106-1	103250	103320	103286	103285	0.03	cps
Cadmium	108-1	69805	69018	69503	69442	0.57	cps
Calcium	43-1	4298684	4290067	4309305	4299352	0.22	cps
Calcium	44-1	70421935	70633750	70696418	70584034	0.20	cps
Chromium	52-2	445989	447832	447532	447118	0.22	cps
Cobalt	59-2	918243	923112	915990	919115	0.40	cps
Copper	63-2	1583705	1584265	1589024	1585665	0.18	cps
Dysprosium	156-1	100	142	175	139	27.06	cps
Dysprosium	156-2	10	27	3	13	90.16	cps
Erbium	164-1	42	67	83	64	32.83	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	83	133	142	119	26.41	cps
Gadolinium	160-2	20	33	23	26	27.15	cps
Holmium	165-1	9931258	9948302	10129294	10002951	1.10	cps
Holmium	165-2	2252462	2220905	2215004	2229457	0.90	cps
Indium	115-1	7712430	7760079	7818484	7763664	0.68	cps
Indium	115-2	374733	370867	367080	370893	1.03	cps
Iron	56-2	72166110	72552763	72433582	72384152	0.27	cps
Iron	57-2	1873811	1896726	1871878	1880805	0.73	cps
Lead	206-1	2864244	2854061	2914135	2877480	1.12	cps
Lead	207-1	2598773	2634649	2660322	2631248	1.17	cps
Lead	208-1	11600602	11694302	11836738	11710547	1.02	cps
Lithium	6-1	802244	810619	813653	808839	0.73	cps
Magnesium	24-2	7537653	7546432	7508827	7530971	0.26	cps
Manganese	55-2	248441	248330	248424	248398	0.02	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:32:00	DataFile Name :	045CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3701789	3630811	3683880	3672160	1.01	cps
Molybdenum	95-1	1976914	1984183	1994381	1985159	0.44	cps
Molybdenum	96-1	2558799	2563830	2582638	2568422	0.49	cps
Molybdenum	97-1	1209856	1206065	1213986	1209969	0.33	cps
Molybdenum	98-1	3186142	3212440	3231164	3209915	0.70	cps
Neodymium	150-1	187	207	180	191	7.26	cps
Neodymium	150-2	10	17	3	10	66.70	cps
Nickel	60-2	267624	265624	262363	265204	1.00	cps
Phosphorus	31-2	4451	4184	4601	4412	4.78	cps
Potassium	39-2	2383474	2347137	2367564	2366058	0.77	cps
Rhodium	103-1	6864732	6892845	6912414	6889997	0.35	cps
Rhodium	103-2	1943666	1922389	1927513	1931190	0.58	cps
Scandium	45-1	3967750	3977731	3962362	3969281	0.20	cps
Scandium	45-2	39750	38757	38072	38859	2.17	cps
Selenium	77-2	387	407	407	400	2.89	cps
Selenium	78-2	1359	1361	1467	1396	4.41	cps
Selenium	82-1	60662	60256	60814	60577	0.48	cps
Silicon	28-1	1851898	1884920	1853123	1863314	1.00	cps
Silver	109-1	4574383	4593612	4622862	4596952	0.53	cps
Silver	107-1	4893012	4916132	4861189	4890111	0.56	cps
Sodium	23-2	19001710	18817049	18763472	18860744	0.66	cps
Strontium	86-1	1287448	1285830	1291261	1288180	0.22	cps
Strontium	88-1	11122015	11178613	11101696	11134108	0.36	cps
Sulfur	34-1	566663	567368	564429	566154	0.27	cps
Terbium	159-1	10304058	10431779	10423625	10386487	0.69	cps
Terbium	159-2	2197807	2150578	2135622	2161335	1.50	cps
Thallium	203-1	3579009	3540277	3603793	3574360	0.90	cps
Thallium	205-1	8308545	8285448	8528976	8374323	1.61	cps
Tin	118-1	3350064	3344535	3324721	3339773	0.40	cps
Titanium	47-1	466059	462231	466051	464780	0.48	cps
Uranium	238-1	10660501	10764682	10748493	10724558	0.52	cps
Vanadium	51-2	335694	335510	334927	335377	0.12	cps
Yttrium	89-1	8191249	8236734	8189580	8205854	0.33	cps
Yttrium	89-2	284503	279307	278295	280702	1.19	cps
Zinc	66-2	143685	142446	140449	142193	1.15	cps
Zirconium	90-1	6946092	6953689	6975091	6958290	0.22	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:32:00	DataFile Name :	045CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1560827	1574468	1552593	1562629	0.71	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:35:00	DataFile Name :	046CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	8	22	57.29	cps
Antimony	121-1	3634	3151	2900	3228	11.55	cps
Arsenic	75-2	11	4	7	7	50.02	cps
Barium	135-1	17	58	42	39	53.93	cps
Barium	137-1	67	92	67	75	19.24	cps
Beryllium	9-1	256	200	233	230	12.18	cps
Bismuth	209-1	6147009	6137991	5981168	6088723	1.53	cps
Bismuth	209-2	1634395	1624354	1637585	1632111	0.42	cps
Boron	10-1	3142	3075	2950	3056	3.18	cps
Boron	11-1	15033	14216	13841	14363	4.25	cps
Cadmium	111-1	1211	1317	1293	1274	4.40	cps
Cadmium	106-1	1592	1784	1725	1700	5.78	cps
Cadmium	108-1	29	21	8	19	53.95	cps
Calcium	43-1	1308	1717	1567	1531	13.50	cps
Calcium	44-1	28572	29340	28856	28922	1.34	cps
Chromium	52-2	647	687	637	657	4.03	cps
Cobalt	59-2	23	47	33	34	34.00	cps
Copper	63-2	400	410	437	416	4.56	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	17	58	17	31	78.72	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	83	42	83	69	34.64	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	10143986	10134278	9857766	10045343	1.62	cps
Holmium	165-2	2177128	2147269	2159252	2161217	0.70	cps
Indium	115-1	8129552	8262410	7935109	8109024	2.03	cps
Indium	115-2	387196	380573	381935	383235	0.91	cps
Iron	56-2	2650	2356	2445	2484	6.08	cps
Iron	57-2	67	67	50	61	15.75	cps
Lead	206-1	789	656	678	707	10.10	cps
Lead	207-1	650	628	644	641	1.81	cps
Lead	208-1	2839	2789	2717	2782	2.21	cps
Lithium	6-1	827216	831527	814007	824250	1.11	cps
Magnesium	24-2	292	233	317	281	15.24	cps
Manganese	55-2	57	40	77	58	31.78	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:35:00	DataFile Name :	046CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	733	792	600	708	13.87	cps
Molybdenum	95-1	300	225	242	256	15.41	cps
Molybdenum	96-1	525	508	442	492	8.97	cps
Molybdenum	97-1	250	225	225	233	6.19	cps
Molybdenum	98-1	592	458	425	492	17.94	cps
Neodymium	150-1	7	33	7	16	98.94	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	177	120	120	139	23.56	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	3109	2834	3034	2992	4.75	cps
Rhodium	103-1	7344378	7446481	7172129	7320996	1.89	cps
Rhodium	103-2	2044741	1990176	2005040	2013319	1.40	cps
Scandium	45-1	3961146	4028136	3921038	3970106	1.36	cps
Scandium	45-2	37734	37417	38543	37898	1.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-20	-134	-71	-75	-75.94	cps
Silicon	28-1	326885	328982	363587	339818	6.07	cps
Silver	109-1	3422	750	800	1657	92.22	cps
Silver	107-1	875	717	600	731	18.89	cps
Sodium	23-2	6744	6869	6652	6755	1.61	cps
Strontium	86-1	950	917	900	922	2.76	cps
Strontium	88-1	200	242	192	211	12.69	cps
Sulfur	34-1	301739	301680	300913	301444	0.15	cps
Terbium	159-1	10528818	10637538	10371250	10512536	1.27	cps
Terbium	159-2	2098418	2088802	2121299	2102840	0.79	cps
Thallium	203-1	458	267	433	386	26.99	cps
Thallium	205-1	800	900	725	808	10.86	cps
Tin	118-1	2217	2425	2067	2236	8.05	cps
Titanium	47-1	108	125	108	114	8.45	cps
Uranium	238-1	258	267	175	233	21.73	cps
Vanadium	51-2	13	3	3	7	86.65	cps
Yttrium	89-1	8314282	8361128	8101885	8259098	1.67	cps
Yttrium	89-2	279523	276664	276606	277597	0.60	cps
Zinc	66-2	170	130	127	142	16.95	cps
Zirconium	90-1	1325	1442	1600	1456	9.48	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:35:00	DataFile Name :	046CCBE_P8091217- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	333	350	353	5.94	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5163-03 Instrumnet Name : P8
 Client Sample ID : WP021MW359-170907 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:38:09 DataFile Name : 047SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	8	42	31	62.99	cps
Antimony	121-1	28206	22194	19173	23191	19.83	cps
Arsenic	75-2	2343	2285	2169	2266	3.92	cps
Barium	135-1	279264	285971	283554	282930	1.20	cps
Barium	137-1	485422	495083	495179	491895	1.14	cps
Beryllium	9-1	217	200	200	206	4.68	cps
Bismuth	209-1	5762354	5842856	5862853	5822688	0.91	cps
Bismuth	209-2	1469084	1452881	1440166	1454044	1.00	cps
Boron	10-1	25123	27352	26609	26361	4.31	cps
Boron	11-1	121040	124216	123317	122858	1.33	cps
Cadmium	111-1	1201	1106	1295	1200	7.86	cps
Cadmium	106-1	1509	1400	1609	1506	6.92	cps
Cadmium	108-1	38	17	21	25	44.09	cps
Calcium	43-1	3012121	3048933	2993540	3018198	0.93	cps
Calcium	44-1	48990343	49407394	49259594	49219110	0.43	cps
Chromium	52-2	3360	3100	3204	3222	4.06	cps
Cobalt	59-2	903	1050	1003	986	7.60	cps
Copper	63-2	2990	3170	3197	3119	3.60	cps
Dysprosium	156-1	67	50	25	47	44.41	cps
Dysprosium	156-2	10	17	7	11	45.82	cps
Erbium	164-1	75	58	75	69	13.85	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	67	108	125	100	30.05	cps
Gadolinium	160-2	10	7	27	14	74.18	cps
Holmium	165-1	9368694	9645871	9656490	9557018	1.71	cps
Holmium	165-2	1985771	1938217	1928186	1950724	1.58	cps
Indium	115-1	7523790	7634358	7616281	7591476	0.78	cps
Indium	115-2	339537	339893	331261	336897	1.45	cps
Iron	56-2	3262594	3204656	3244275	3237175	0.91	cps
Iron	57-2	79437	80029	79370	79612	0.46	cps
Lead	206-1	1761	1539	1500	1600	8.81	cps
Lead	207-1	1378	1450	1245	1358	7.68	cps
Lead	208-1	6623	6340	5684	6216	7.75	cps
Lithium	6-1	1034745	1066305	1087354	1062801	2.49	cps
Magnesium	24-2	424654	421932	422166	422917	0.36	cps
Manganese	55-2	249309	247100	244328	246912	1.01	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-03	Instrumnet Name :	P8
Client Sample ID :	WP021MW359-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:38:09	DataFile Name :	047SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4759	4201	4142	4368	7.80	cps
Molybdenum	95-1	3159	3367	3384	3303	3.80	cps
Molybdenum	96-1	4168	4284	4292	4248	1.64	cps
Molybdenum	97-1	2000	2075	2234	2103	5.67	cps
Molybdenum	98-1	5643	6035	5435	5704	5.34	cps
Neodymium	150-1	80	53	80	71	21.64	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1077	1023	1097	1066	3.56	cps
Phosphorus	31-2	33	133	83	83	60.00	cps
Potassium	39-2	112052	112924	109910	111629	1.39	cps
Rhodium	103-1	6508945	6628716	6638992	6592218	1.10	cps
Rhodium	103-2	1791063	1803732	1752077	1782291	1.51	cps
Scandium	45-1	3692099	3736439	3783957	3737498	1.23	cps
Scandium	45-2	35238	35171	35311	35240	0.20	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	7	0	4	4	100.05	cps
Selenium	82-1	92	153	75	107	38.64	cps
Silicon	28-1	30021827	30370610	29758042	30050160	1.02	cps
Silver	109-1	2184	1967	2050	2067	5.29	cps
Silver	107-1	2317	2159	1984	2153	7.75	cps
Sodium	23-2	4114819	4070953	4005968	4063913	1.35	cps
Strontium	86-1	1957314	1979322	1946813	1961150	0.85	cps
Strontium	88-1	16367082	16623362	16539187	16509877	0.79	cps
Sulfur	34-1	996017	996255	990127	994133	0.35	cps
Terbium	159-1	9787303	9962959	10021785	9924015	1.23	cps
Terbium	159-2	1913235	1888012	1882907	1894718	0.86	cps
Thallium	203-1	250	292	292	278	8.66	cps
Thallium	205-1	667	633	525	608	12.18	cps
Tin	118-1	10972	11005	10705	10894	1.51	cps
Titanium	47-1	758	717	892	789	11.59	cps
Uranium	238-1	3759	4009	3876	3881	3.22	cps
Vanadium	51-2	120	123	140	128	8.38	cps
Yttrium	89-1	7478139	7664680	7626105	7589642	1.30	cps
Yttrium	89-2	248090	244961	245392	246147	0.69	cps
Zinc	66-2	747	717	853	772	9.30	cps
Zirconium	90-1	6827	6410	6202	6480	4.91	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-03	Instrumnet Name :	P8
Client Sample ID :	WP021MW359-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:38:09	DataFile Name :	047SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1800	1525	1642	1656	8.34	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW360-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:41:16	DataFile Name :	048SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1217	1067	1142	1142	6.57	cps
Antimony	121-1	13224	12840	13149	13071	1.56	cps
Arsenic	75-2	802	756	809	789	3.69	cps
Barium	135-1	330739	332691	329240	330890	0.52	cps
Barium	137-1	577476	578541	584124	580047	0.62	cps
Beryllium	9-1	194	172	172	180	7.14	cps
Bismuth	209-1	5897084	5930474	5867350	5898303	0.54	cps
Bismuth	209-2	1424588	1393056	1443793	1420479	1.80	cps
Boron	10-1	28822	28930	29957	29236	2.14	cps
Boron	11-1	132844	138253	137058	136052	2.09	cps
Cadmium	111-1	3090	3048	2867	3002	3.94	cps
Cadmium	106-1	1717	1717	1559	1664	5.49	cps
Cadmium	108-1	142	125	129	132	6.57	cps
Calcium	43-1	2945201	2981903	2933795	2953633	0.85	cps
Calcium	44-1	48660748	48808032	48736488	48735089	0.15	cps
Chromium	52-2	8810	8716	8913	8813	1.12	cps
Cobalt	59-2	1343	1337	1260	1313	3.53	cps
Copper	63-2	5354	5755	6031	5713	5.96	cps
Dysprosium	156-1	733	808	792	778	5.06	cps
Dysprosium	156-2	147	147	173	156	9.90	cps
Erbium	164-1	658	700	667	675	3.27	cps
Erbium	164-2	150	127	123	133	10.89	cps
Gadolinium	160-1	850	783	800	811	4.28	cps
Gadolinium	160-2	173	177	163	171	4.05	cps
Holmium	165-1	9603336	9771786	9721489	9698870	0.89	cps
Holmium	165-2	1915512	1852308	1911968	1893262	1.88	cps
Indium	115-1	7582034	7627619	7644076	7617910	0.42	cps
Indium	115-2	326570	321076	329694	325780	1.34	cps
Iron	56-2	5871688	5835402	5863255	5856782	0.32	cps
Iron	57-2	146877	148225	147757	147619	0.46	cps
Lead	206-1	21519	21012	21836	21456	1.94	cps
Lead	207-1	17690	18486	18136	18104	2.20	cps
Lead	208-1	82667	84395	83608	83557	1.04	cps
Lithium	6-1	1099046	1112190	1105748	1105661	0.59	cps
Magnesium	24-2	327846	324142	322469	324819	0.85	cps
Manganese	55-2	178366	176118	175129	176538	0.94	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW360-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:41:16	DataFile Name :	048SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3876	3559	3709	3715	4.27	cps
Molybdenum	95-1	2192	2525	2309	2342	7.22	cps
Molybdenum	96-1	3192	3051	3409	3217	5.61	cps
Molybdenum	97-1	1600	1575	1675	1617	3.22	cps
Molybdenum	98-1	3859	4368	4368	4198	6.99	cps
Neodymium	150-1	1100	1167	1167	1145	3.36	cps
Neodymium	150-2	180	150	153	161	10.20	cps
Nickel	60-2	1347	1333	1413	1365	3.14	cps
Phosphorus	31-2	58	50	42	50	16.67	cps
Potassium	39-2	73843	73944	74891	74226	0.78	cps
Rhodium	103-1	6575669	6630607	6605356	6603877	0.42	cps
Rhodium	103-2	1742909	1733207	1774869	1750328	1.25	cps
Scandium	45-1	3718115	3746359	3735565	3733346	0.38	cps
Scandium	45-2	33804	33313	34743	33953	2.14	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	86	10	19	38	108.44	cps
Silicon	28-1	31030739	31258436	30808227	31032467	0.73	cps
Silver	109-1	2992	2967	3234	3064	4.81	cps
Silver	107-1	3201	3384	3184	3256	3.41	cps
Sodium	23-2	4171138	4131317	4163718	4155391	0.51	cps
Strontium	86-1	1666978	1662030	1656487	1661832	0.32	cps
Strontium	88-1	14123795	14135474	14138058	14132442	0.05	cps
Sulfur	34-1	463061	467283	460896	463747	0.70	cps
Terbium	159-1	9984551	10120904	9861080	9988845	1.30	cps
Terbium	159-2	1868576	1819298	1901215	1863030	2.21	cps
Thallium	203-1	200	200	167	189	10.19	cps
Thallium	205-1	467	383	375	408	12.41	cps
Tin	118-1	11122	11105	10346	10858	4.08	cps
Titanium	47-1	3492	3276	3760	3509	6.92	cps
Uranium	238-1	15352	15869	15260	15494	2.12	cps
Vanadium	51-2	697	720	713	710	1.69	cps
Yttrium	89-1	7635637	7651991	7614796	7634141	0.24	cps
Yttrium	89-2	238701	237538	243608	239949	1.34	cps
Zinc	66-2	4998	4898	5061	4985	1.65	cps
Zirconium	90-1	6777	6285	6360	6474	4.09	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-04	Instrumnet Name :	P8
Client Sample ID :	WP021MW360-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:41:16	DataFile Name :	048SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1375	1642	1250	1422	14.07	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5163-05 Instrumnet Name : P8
 Client Sample ID : WP021MW361-170907 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:44:23 DataFile Name : 049SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	125	258	161	52.83	cps
Antimony	121-1	11497	11647	11906	11683	1.77	cps
Arsenic	75-2	54	65	56	58	10.26	cps
Barium	135-1	48892	48699	48055	48549	0.90	cps
Barium	137-1	85165	86289	86046	85833	0.69	cps
Beryllium	9-1	183	150	144	159	13.21	cps
Bismuth	209-1	5737434	5763768	5765450	5755550	0.27	cps
Bismuth	209-2	1403969	1415076	1425395	1414813	0.76	cps
Boron	10-1	134046	134702	135341	134696	0.48	cps
Boron	11-1	615884	632679	636884	628482	1.77	cps
Cadmium	111-1	1131	1157	1166	1152	1.58	cps
Cadmium	106-1	1542	1525	1542	1536	0.63	cps
Cadmium	108-1	21	21	13	18	26.64	cps
Calcium	43-1	3616128	3643360	3636049	3631846	0.39	cps
Calcium	44-1	59632060	59804058	59296714	59577610	0.43	cps
Chromium	52-2	1480	1390	1490	1453	3.79	cps
Cobalt	59-2	1137	1277	1157	1190	6.36	cps
Copper	63-2	3587	3667	3561	3605	1.54	cps
Dysprosium	156-1	175	142	117	144	20.26	cps
Dysprosium	156-2	50	27	17	31	54.97	cps
Erbium	164-1	100	175	100	125	34.64	cps
Erbium	164-2	13	30	50	31	59.02	cps
Gadolinium	160-1	183	150	150	161	11.94	cps
Gadolinium	160-2	37	20	43	33	36.05	cps
Holmium	165-1	9509223	9622381	9434459	9522021	0.99	cps
Holmium	165-2	1914249	1960207	1937749	1937402	1.19	cps
Indium	115-1	7430851	7500070	7328884	7419935	1.16	cps
Indium	115-2	328446	331403	327288	329045	0.64	cps
Iron	56-2	222323	221854	224204	222794	0.56	cps
Iron	57-2	5868	5818	5529	5738	3.19	cps
Lead	206-1	2423	2623	2656	2567	4.92	cps
Lead	207-1	1956	2034	2234	2074	6.91	cps
Lead	208-1	9935	9891	10202	10009	1.68	cps
Lithium	6-1	1075877	1093660	1113964	1094500	1.74	cps
Magnesium	24-2	958389	951904	968468	959587	0.87	cps
Manganese	55-2	22805	22582	22732	22706	0.50	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-05	Instrumnet Name :	P8
Client Sample ID :	WP021MW361-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:44:23	DataFile Name :	049SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1559	1667	1575	1600	3.65	cps
Molybdenum	95-1	1200	1067	1017	1095	8.66	cps
Molybdenum	96-1	1333	1217	1258	1270	4.66	cps
Molybdenum	97-1	767	725	775	756	3.55	cps
Molybdenum	98-1	1775	1867	1975	1872	5.35	cps
Neodymium	150-1	100	260	200	187	43.30	cps
Neodymium	150-2	27	33	20	27	24.99	cps
Nickel	60-2	2274	2400	2140	2271	5.73	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	61477	61921	62673	62023	0.97	cps
Rhodium	103-1	6444269	6519094	6446910	6470091	0.66	cps
Rhodium	103-2	1739345	1749895	1744723	1744654	0.30	cps
Scandium	45-1	3713986	3689974	3677210	3693723	0.51	cps
Scandium	45-2	34269	34546	35325	34713	1.58	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	60	83	145	96	45.71	cps
Silicon	28-1	46159087	46364769	45986222	46170026	0.41	cps
Silver	109-1	1175	1258	1308	1247	5.40	cps
Silver	107-1	1450	1092	1275	1272	14.08	cps
Sodium	23-2	11384517	11394082	11454314	11410971	0.33	cps
Strontium	86-1	3666819	3656614	3614590	3646008	0.76	cps
Strontium	88-1	30959284	31531267	31195850	31228800	0.92	cps
Sulfur	34-1	2244118	2227322	2244991	2238810	0.44	cps
Terbium	159-1	9884141	9927138	9955739	9922339	0.36	cps
Terbium	159-2	1871013	1899935	1891369	1887439	0.79	cps
Thallium	203-1	283	225	142	217	32.86	cps
Thallium	205-1	492	392	525	469	14.78	cps
Tin	118-1	10463	10646	11097	10735	3.04	cps
Titanium	47-1	1767	2242	2242	2084	13.17	cps
Uranium	238-1	73542	73602	73886	73677	0.25	cps
Vanadium	51-2	160	120	140	140	14.29	cps
Yttrium	89-1	7423787	7568982	7496637	7496469	0.97	cps
Yttrium	89-2	241174	244813	244855	243614	0.87	cps
Zinc	66-2	5781	5698	5711	5730	0.78	cps
Zirconium	90-1	2459	2517	2650	2542	3.87	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-05	Instrumnet Name :	P8
Client Sample ID :	WP021MW361-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:44:23	DataFile Name :	049SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	625	592	734	650	11.42	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-06	Instrumnet Name :	P8
Client Sample ID :	DUP-0431-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:47:30	DataFile Name :	050SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	67	33	44	43.30	cps
Antimony	121-1	11072	11013	11080	11055	0.33	cps
Arsenic	75-2	2193	2069	2235	2166	4.00	cps
Barium	135-1	269321	271924	274125	271790	0.88	cps
Barium	137-1	470015	474258	477212	473828	0.76	cps
Beryllium	9-1	183	100	161	148	29.13	cps
Bismuth	209-1	5911196	5939808	5818435	5889813	1.08	cps
Bismuth	209-2	1441114	1432375	1436050	1436513	0.31	cps
Boron	10-1	29038	29164	29540	29248	0.89	cps
Boron	11-1	136418	135442	135889	135916	0.36	cps
Cadmium	111-1	1052	1191	1194	1146	7.08	cps
Cadmium	106-1	1417	1584	1567	1522	6.03	cps
Cadmium	108-1	21	13	4	13	66.64	cps
Calcium	43-1	2982270	2970138	2971759	2974722	0.22	cps
Calcium	44-1	48269469	48817237	48772909	48619872	0.63	cps
Chromium	52-2	2564	2600	2584	2583	0.71	cps
Cobalt	59-2	963	893	900	919	4.20	cps
Copper	63-2	3671	3424	3350	3482	4.82	cps
Dysprosium	156-1	50	67	42	53	24.12	cps
Dysprosium	156-2	3	10	17	10	66.70	cps
Erbium	164-1	58	83	108	83	30.00	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	142	75	117	111	30.31	cps
Gadolinium	160-2	10	10	20	13	43.30	cps
Holmium	165-1	9598892	9704817	9694603	9666104	0.60	cps
Holmium	165-2	1930052	1929135	1942338	1933842	0.38	cps
Indium	115-1	7599809	7696983	7473863	7590218	1.47	cps
Indium	115-2	331782	330143	328096	330007	0.56	cps
Iron	56-2	3061522	3093031	3064895	3073149	0.56	cps
Iron	57-2	76677	74928	76833	76146	1.39	cps
Lead	206-1	1295	1345	1245	1295	3.86	cps
Lead	207-1	1139	1100	1095	1111	2.18	cps
Lead	208-1	5156	5495	5184	5278	3.57	cps
Lithium	6-1	1076026	1087654	1095923	1086534	0.92	cps
Magnesium	24-2	411946	408341	406802	409030	0.65	cps
Manganese	55-2	239669	240054	239695	239806	0.09	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-06	Instrumnet Name :	P8
Client Sample ID :	DUP-0431-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:47:30	DataFile Name :	050SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3759	3576	3626	3653	2.59	cps
Molybdenum	95-1	3317	3201	3017	3178	4.76	cps
Molybdenum	96-1	3792	3776	3559	3709	3.51	cps
Molybdenum	97-1	2192	1942	2084	2072	6.05	cps
Molybdenum	98-1	5335	5368	5276	5326	0.87	cps
Neodymium	150-1	173	113	53	113	52.96	cps
Neodymium	150-2	10	3	17	10	66.70	cps
Nickel	60-2	903	957	840	900	6.49	cps
Phosphorus	31-2	83	100	42	75	40.06	cps
Potassium	39-2	107516	105695	106343	106518	0.87	cps
Rhodium	103-1	6615515	6679958	6574085	6623186	0.81	cps
Rhodium	103-2	1791537	1778419	1756287	1775414	1.00	cps
Scandium	45-1	3776667	3791041	3727555	3765088	0.88	cps
Scandium	45-2	34787	34646	35044	34826	0.58	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	6	2	6	4	49.54	cps
Selenium	82-1	106	57	40	68	50.73	cps
Silicon	28-1	29138854	29270137	29379550	29262847	0.41	cps
Silver	109-1	1142	1083	1250	1158	7.30	cps
Silver	107-1	1158	1092	1350	1200	11.18	cps
Sodium	23-2	3982705	3962507	3939207	3961473	0.55	cps
Strontium	86-1	1902476	1903900	1918534	1908304	0.47	cps
Strontium	88-1	16187921	16218073	16323899	16243298	0.44	cps
Sulfur	34-1	990144	986812	986735	987897	0.20	cps
Terbium	159-1	10087342	10086663	10033833	10069279	0.30	cps
Terbium	159-2	1906545	1900565	1899769	1902293	0.19	cps
Thallium	203-1	83	75	50	69	24.98	cps
Thallium	205-1	233	183	150	189	22.21	cps
Tin	118-1	8653	9295	8812	8920	3.75	cps
Titanium	47-1	850	733	817	800	7.51	cps
Uranium	238-1	3792	4001	3692	3829	4.11	cps
Vanadium	51-2	97	137	110	114	17.80	cps
Yttrium	89-1	7582734	7614488	7634535	7610586	0.34	cps
Yttrium	89-2	245053	244288	240738	243360	0.95	cps
Zinc	66-2	1197	1253	1313	1255	4.65	cps
Zirconium	90-1	4776	4526	4493	4598	3.37	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-06	Instrumnet Name :	P8
Client Sample ID :	DUP-0431-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:47:30	DataFile Name :	050SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1058	1042	933	1011	6.71	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5163-08 Instrumnet Name : P8
 Client Sample ID : WP021MW360-170907 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 15:50:37 DataFile Name : 051SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	175	117	144	20.26	cps
Antimony	121-1	10163	10546	10688	10466	2.60	cps
Arsenic	75-2	744	693	739	725	3.92	cps
Barium	135-1	317955	323583	318012	319850	1.01	cps
Barium	137-1	559434	566800	556908	561047	0.92	cps
Beryllium	9-1	117	111	167	131	23.27	cps
Bismuth	209-1	5859855	5955370	5916545	5910590	0.81	cps
Bismuth	209-2	1413168	1393124	1394396	1400229	0.80	cps
Boron	10-1	28805	29849	30183	29612	2.43	cps
Boron	11-1	135233	138538	139112	137628	1.52	cps
Cadmium	111-1	1096	1124	1011	1077	5.49	cps
Cadmium	106-1	1458	1558	1283	1433	9.71	cps
Cadmium	108-1	13	42	13	22	75.78	cps
Calcium	43-1	2869571	2885670	2868838	2874693	0.33	cps
Calcium	44-1	46834695	47334011	47058690	47075799	0.53	cps
Chromium	52-2	1667	1673	1700	1680	1.05	cps
Cobalt	59-2	1017	907	1060	994	7.95	cps
Copper	63-2	4067	3974	4071	4037	1.36	cps
Dysprosium	156-1	50	92	100	81	33.26	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	133	83	58	92	41.66	cps
Erbium	164-2	27	17	23	22	22.91	cps
Gadolinium	160-1	117	67	67	83	34.64	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	9453268	9737689	9542814	9577923	1.52	cps
Holmium	165-2	1908001	1869435	1846099	1874511	1.67	cps
Indium	115-1	7474508	7541401	7408504	7474805	0.89	cps
Indium	115-2	322799	314934	316337	318023	1.32	cps
Iron	56-2	5475570	5385509	5393133	5418070	0.92	cps
Iron	57-2	136158	132652	134936	134582	1.32	cps
Lead	206-1	2267	2156	2234	2219	2.57	cps
Lead	207-1	1750	1978	1911	1880	6.23	cps
Lead	208-1	8690	8646	8718	8685	0.42	cps
Lithium	6-1	1057125	1092400	1085637	1078388	1.74	cps
Magnesium	24-2	305086	301953	303134	303391	0.52	cps
Manganese	55-2	169005	166792	167754	167850	0.66	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-08	Instrumnet Name :	P8
Client Sample ID :	WP021MW360-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:50:37	DataFile Name :	051SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2134	2192	2292	2206	3.63	cps
Molybdenum	95-1	2650	2417	2867	2645	8.51	cps
Molybdenum	96-1	3117	3109	2984	3070	2.43	cps
Molybdenum	97-1	1575	1709	1609	1631	4.26	cps
Molybdenum	98-1	4326	4209	4626	4387	4.90	cps
Neodymium	150-1	53	87	73	71	23.59	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	1290	1300	1277	1289	0.91	cps
Phosphorus	31-2	42	8	17	22	78.07	cps
Potassium	39-2	71867	68601	70176	70214	2.33	cps
Rhodium	103-1	6517362	6588553	6571286	6559067	0.57	cps
Rhodium	103-2	1731029	1721711	1702187	1718309	0.86	cps
Scandium	45-1	3669817	3709497	3705719	3695011	0.59	cps
Scandium	45-2	33958	33290	33938	33728	1.13	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	29	2	69	33	102.15	cps
Silicon	28-1	29190098	29388707	28923293	29167366	0.80	cps
Silver	109-1	1158	1158	1000	1106	8.27	cps
Silver	107-1	1258	967	1158	1128	13.14	cps
Sodium	23-2	4007626	3882608	3911840	3934025	1.66	cps
Strontium	86-1	1601825	1613801	1609104	1608243	0.38	cps
Strontium	88-1	13685326	13748132	13595175	13676211	0.56	cps
Sulfur	34-1	462503	461019	461178	461567	0.18	cps
Terbium	159-1	9887279	10091580	9999336	9992731	1.02	cps
Terbium	159-2	1869449	1787645	1817815	1824970	2.27	cps
Thallium	203-1	75	133	50	86	49.66	cps
Thallium	205-1	258	250	242	250	3.33	cps
Tin	118-1	8011	8737	8078	8275	4.85	cps
Titanium	47-1	750	717	775	747	3.92	cps
Uranium	238-1	14526	14893	15644	15021	3.79	cps
Vanadium	51-2	120	93	110	108	12.50	cps
Yttrium	89-1	7473909	7578276	7554267	7535484	0.73	cps
Yttrium	89-2	238041	233750	231306	234366	1.45	cps
Zinc	66-2	5438	5338	5428	5401	1.02	cps
Zirconium	90-1	2159	2250	2000	2136	5.92	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5163-08	Instrumnet Name :	P8
Client Sample ID :	WP021MW360-170907	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:50:37	DataFile Name :	051SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	550	592	433	525	15.63	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-11	Instrumnet Name :	P8
Client Sample ID :	20170541-FB-1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:53:43	DataFile Name :	052SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	25	22	57.29	cps
Antimony	121-1	433	550	408	464	16.30	cps
Arsenic	75-2	13	4	6	7	66.14	cps
Barium	135-1	83	67	100	83	20.00	cps
Barium	137-1	83	117	83	94	20.37	cps
Beryllium	9-1	106	94	111	104	8.18	cps
Bismuth	209-1	6693045	6605890	6573669	6624201	0.93	cps
Bismuth	209-2	1594870	1790230	1837320	1740807	7.39	cps
Boron	10-1	2484	2625	2550	2553	2.78	cps
Boron	11-1	12006	10921	11680	11536	4.82	cps
Cadmium	111-1	1199	1143	1336	1226	8.08	cps
Cadmium	106-1	1675	1634	1867	1725	7.21	cps
Cadmium	108-1	4	13	13	10	49.46	cps
Calcium	43-1	1792	1575	1609	1659	7.04	cps
Calcium	44-1	31428	31537	31328	31431	0.33	cps
Chromium	52-2	597	607	547	583	5.51	cps
Cobalt	59-2	40	13	33	29	48.05	cps
Copper	63-2	453	440	460	451	2.26	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	25	58	33	39	44.62	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	33	67	67	56	34.65	cps
Gadolinium	160-2	0	3	10	4	114.60	cps
Holmium	165-1	11114603	10812408	10834187	10920399	1.54	cps
Holmium	165-2	2118213	2298913	2331246	2249458	5.10	cps
Indium	115-1	8893571	8930455	8874701	8899576	0.32	cps
Indium	115-2	373750	406159	408126	396012	4.87	cps
Iron	56-2	1978	1950	2067	1998	3.05	cps
Iron	57-2	72	39	89	67	38.19	cps
Lead	206-1	711	689	728	709	2.75	cps
Lead	207-1	589	611	667	622	6.44	cps
Lead	208-1	2739	2734	2711	2728	0.54	cps
Lithium	6-1	974038	963919	962026	966661	0.67	cps
Magnesium	24-2	233	267	233	244	7.87	cps
Manganese	55-2	87	73	77	79	8.79	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-11	Instrumnet Name :	P8
Client Sample ID :	20170541-FB-1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:53:43	DataFile Name :	052SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	192	250	150	197	25.47	cps
Molybdenum	95-1	8	58	0	22	141.99	cps
Molybdenum	96-1	142	133	67	114	36.09	cps
Molybdenum	97-1	67	58	117	81	39.16	cps
Molybdenum	98-1	50	33	58	47	26.97	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	150	140	143	4.03	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	3167	2792	2984	2981	6.29	cps
Rhodium	103-1	8030036	8001817	7932062	7987971	0.63	cps
Rhodium	103-2	1978597	2149814	2159110	2095841	4.85	cps
Scandium	45-1	4345712	4360643	4294656	4333670	0.80	cps
Scandium	45-2	36602	39850	40582	39011	5.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-87	-14	-68	-56	-66.52	cps
Silicon	28-1	294791	294934	303192	297639	1.62	cps
Silver	109-1	358	317	217	297	24.50	cps
Silver	107-1	275	442	275	331	29.11	cps
Sodium	23-2	5009	5235	5093	5112	2.23	cps
Strontium	86-1	1167	1083	983	1078	8.52	cps
Strontium	88-1	1450	1442	1300	1397	6.03	cps
Sulfur	34-1	302956	297759	301832	300849	0.91	cps
Terbium	159-1	11452798	11391981	11205867	11350215	1.13	cps
Terbium	159-2	2064332	2249732	2278802	2197622	5.29	cps
Thallium	203-1	58	58	75	64	15.05	cps
Thallium	205-1	150	208	125	161	26.54	cps
Tin	118-1	467	417	408	431	7.33	cps
Titanium	47-1	167	125	75	122	37.55	cps
Uranium	238-1	50	50	67	56	17.32	cps
Vanadium	51-2	20	17	13	17	20.01	cps
Yttrium	89-1	8954103	9011117	8959763	8974994	0.35	cps
Yttrium	89-2	270301	297471	297562	288445	5.45	cps
Zinc	66-2	697	747	753	732	4.23	cps
Zirconium	90-1	517	467	533	506	6.86	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-11	Instrumnet Name :	P8
Client Sample ID :	20170541-FB-1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:53:43	DataFile Name :	052SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	183	117	122	47.89	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-12	Instrumnet Name :	P8
Client Sample ID :	20170542-FB-2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:56:51	DataFile Name :	053SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	108	50	81	36.33	cps
Antimony	121-1	367	392	375	378	3.37	cps
Arsenic	75-2	7	6	4	6	33.38	cps
Barium	135-1	6360	6185	6143	6230	1.85	cps
Barium	137-1	10863	12081	11322	11422	5.38	cps
Beryllium	9-1	133	78	172	128	37.15	cps
Bismuth	209-1	6295412	6589682	6500199	6461765	2.33	cps
Bismuth	209-2	1839333	1820066	1833002	1830801	0.54	cps
Boron	10-1	1792	2000	1784	1859	6.61	cps
Boron	11-1	8686	9378	8728	8931	4.35	cps
Cadmium	111-1	1133	1361	1305	1266	9.39	cps
Cadmium	106-1	1592	1934	1850	1792	9.94	cps
Cadmium	108-1	21	13	4	13	66.64	cps
Calcium	43-1	2384	2417	2059	2286	8.66	cps
Calcium	44-1	40752	43036	40209	41332	3.63	cps
Chromium	52-2	647	543	523	571	11.59	cps
Cobalt	59-2	10	33	37	27	54.49	cps
Copper	63-2	507	443	397	449	12.30	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	42	83	58	61	34.32	cps
Gadolinium	160-2	10	13	3	9	57.30	cps
Holmium	165-1	10382914	10677290	10604180	10554795	1.45	cps
Holmium	165-2	2364891	2331291	2320864	2339015	0.98	cps
Indium	115-1	8404342	8746163	8715698	8622068	2.19	cps
Indium	115-2	419338	408752	409097	412396	1.46	cps
Iron	56-2	2450	2406	2134	2330	7.36	cps
Iron	57-2	56	50	89	65	32.45	cps
Lead	206-1	628	700	694	674	5.96	cps
Lead	207-1	617	600	594	604	1.92	cps
Lead	208-1	2784	2422	2600	2602	6.94	cps
Lithium	6-1	874964	936063	898202	903076	3.41	cps
Magnesium	24-2	792	742	875	803	8.39	cps
Manganese	55-2	83	73	113	90	23.13	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-12	Instrumnet Name :	P8
Client Sample ID :	20170542-FB-2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:56:51	DataFile Name :	053SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	200	267	200	222	17.32	cps
Molybdenum	95-1	42	42	58	47	20.38	cps
Molybdenum	96-1	142	92	133	122	21.92	cps
Molybdenum	97-1	100	92	58	83	26.46	cps
Molybdenum	98-1	50	58	42	50	16.67	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	253	187	183	208	19.00	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3342	2784	3175	3100	9.25	cps
Rhodium	103-1	7520386	7840636	7779731	7713584	2.20	cps
Rhodium	103-2	2180563	2144477	2166832	2163957	0.84	cps
Scandium	45-1	4119429	4284025	4284436	4229296	2.25	cps
Scandium	45-2	42240	40899	40712	41284	2.02	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	6	0	2	2	114.63	cps
Selenium	82-1	99	-58	87	43	205.92	cps
Silicon	28-1	349674	355045	349907	351542	0.86	cps
Silver	109-1	275	333	275	294	11.44	cps
Silver	107-1	375	467	175	339	44.01	cps
Sodium	23-2	13832	13816	13882	13843	0.25	cps
Strontium	86-1	1325	1617	1475	1472	9.91	cps
Strontium	88-1	4468	6990	5051	5503	23.99	cps
Sulfur	34-1	305742	311311	314120	310391	1.37	cps
Terbium	159-1	10701871	11178734	11060002	10980202	2.26	cps
Terbium	159-2	2308533	2286428	2276358	2290440	0.72	cps
Thallium	203-1	58	92	58	69	27.71	cps
Thallium	205-1	108	175	142	142	23.53	cps
Tin	118-1	417	492	433	447	8.81	cps
Titanium	47-1	217	192	167	192	13.04	cps
Uranium	238-1	58	67	50	58	14.29	cps
Vanadium	51-2	70	63	77	70	9.53	cps
Yttrium	89-1	8463777	8872256	8812820	8716284	2.53	cps
Yttrium	89-2	306367	299706	298918	301664	1.36	cps
Zinc	66-2	1207	1093	1193	1165	5.32	cps
Zirconium	90-1	542	667	675	628	11.90	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-12	Instrumnet Name :	P8
Client Sample ID :	20170542-FB-2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 15:56:51	DataFile Name :	053SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	200	142	136	49.11	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATER	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:00:00	DataFile Name :	054SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2160	1917	2267	2115	8.48	cps
Antimony	121-1	14141	14317	13324	13927	3.80	cps
Arsenic	75-2	265	248	257	257	3.25	cps
Barium	135-1	22345	22687	20759	21930	4.69	cps
Barium	137-1	38415	36652	37646	37571	2.35	cps
Beryllium	9-1	122	133	178	144	20.35	cps
Bismuth	209-1	4179157	3993587	3862976	4011907	3.96	cps
Bismuth	209-2	1146472	1033694	1051884	1077350	5.62	cps
Boron	10-1	247564	253949	255187	252234	1.62	cps
Boron	11-1	1239177	1257277	1269321	1255258	1.21	cps
Cadmium	111-1	1132	1002	895	1010	11.72	cps
Cadmium	106-1	1483	1325	1158	1322	12.29	cps
Cadmium	108-1	33	13	4	17	90.12	cps
Calcium	43-1	3535550	3539705	3554319	3543191	0.28	cps
Calcium	44-1	58072195	58267474	58145333	58161667	0.17	cps
Chromium	52-2	1780	1610	1610	1667	5.89	cps
Cobalt	59-2	597	587	560	581	3.26	cps
Copper	63-2	8563	9767	10141	9490	8.69	cps
Dysprosium	156-1	533	617	692	614	12.90	cps
Dysprosium	156-2	117	120	107	114	6.06	cps
Erbium	164-1	500	483	483	489	1.97	cps
Erbium	164-2	77	100	100	92	14.61	cps
Gadolinium	160-1	675	492	525	564	17.32	cps
Gadolinium	160-2	203	217	177	199	10.24	cps
Holmium	165-1	7635002	7483236	7308711	7475650	2.18	cps
Holmium	165-2	1761855	1590928	1610998	1654594	5.65	cps
Indium	115-1	6309713	6262593	5993194	6188500	2.76	cps
Indium	115-2	314098	285488	291597	297061	5.07	cps
Iron	56-2	338889	332503	332207	334533	1.13	cps
Iron	57-2	9064	8358	8075	8499	6.00	cps
Lead	206-1	6129	6318	5957	6135	2.95	cps
Lead	207-1	5507	5273	5196	5325	3.04	cps
Lead	208-1	24677	24393	23609	24226	2.28	cps
Lithium	6-1	704472	715807	713146	711141	0.83	cps
Magnesium	24-2	18926591	18797776	18719356	18814574	0.56	cps
Manganese	55-2	7482	7626	7239	7449	2.63	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATER	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:00:00	DataFile Name :	054SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12047	11831	12056	11978	1.07	cps
Molybdenum	95-1	18538	18772	17579	18296	3.46	cps
Molybdenum	96-1	19749	19456	19298	19501	1.17	cps
Molybdenum	97-1	11163	11764	11380	11436	2.66	cps
Molybdenum	98-1	29692	29500	28631	29274	1.93	cps
Neodymium	150-1	980	1093	1067	1047	5.66	cps
Neodymium	150-2	160	130	177	156	15.20	cps
Nickel	60-2	717	723	623	688	8.13	cps
Phosphorus	31-2	50	58	50	53	9.12	cps
Potassium	39-2	3796044	3737061	3745492	3759533	0.85	cps
Rhodium	103-1	5415740	5361795	5153903	5310480	2.60	cps
Rhodium	103-2	1492652	1361591	1395670	1416637	4.80	cps
Scandium	45-1	3397497	3390764	3362315	3383526	0.55	cps
Scandium	45-2	34449	31683	32661	32931	4.26	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	2	13	4	6	96.48	cps
Selenium	82-1	1782	1869	2080	1910	8.02	cps
Silicon	28-1	4327012	4409567	4447263	4394614	1.40	cps
Silver	109-1	2434	2850	3276	2853	14.75	cps
Silver	107-1	2492	2825	3501	2939	17.48	cps
Sodium	23-2	393822517	388990017	388309759	390374098	0.77	cps
Strontium	86-1	8819146	8824851	8728217	8790738	0.62	cps
Strontium	88-1	76244739	76498679	75404748	76049389	0.75	cps
Sulfur	34-1	9416621	9535132	9470436	9474063	0.63	cps
Terbium	159-1	8050199	7792822	7695727	7846249	2.33	cps
Terbium	159-2	1706219	1523859	1536927	1589002	6.40	cps
Thallium	203-1	83	208	133	142	44.41	cps
Thallium	205-1	367	367	283	339	14.20	cps
Tin	118-1	21042	20433	19899	20458	2.80	cps
Titanium	47-1	16227	17037	17021	16762	2.76	cps
Uranium	238-1	24976	24433	22989	24133	4.26	cps
Vanadium	51-2	1783	1720	1770	1758	1.90	cps
Yttrium	89-1	6752231	6688039	6588269	6676180	1.24	cps
Yttrium	89-2	241247	224319	230088	231884	3.71	cps
Zinc	66-2	1493	1540	1487	1507	1.93	cps
Zirconium	90-1	5018	5168	4443	4876	7.85	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATER	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:00:00	DataFile Name :	054SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1058	1008	992	1020	3.40	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13DUP Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERD Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 16:03:09 DataFile Name : 055SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2259	2267	2150	2225	2.93	cps
Antimony	121-1	11981	12415	12165	12187	1.79	cps
Arsenic	75-2	237	287	228	251	12.72	cps
Barium	135-1	20842	20500	19290	20211	4.04	cps
Barium	137-1	35733	35390	36058	35727	0.93	cps
Beryllium	9-1	161	100	67	109	43.84	cps
Bismuth	209-1	3384939	3069550	3187561	3214017	4.96	cps
Bismuth	209-2	1017544	1017207	1018213	1017655	0.05	cps
Boron	10-1	267889	270155	269256	269100	0.42	cps
Boron	11-1	1312351	1349004	1340782	1334046	1.44	cps
Cadmium	111-1	876	861	989	909	7.70	cps
Cadmium	106-1	1175	1083	1267	1175	7.80	cps
Cadmium	108-1	25	8	21	18	48.05	cps
Calcium	43-1	3727325	3711687	3731071	3723361	0.28	cps
Calcium	44-1	60835976	61088912	59941043	60621977	0.99	cps
Chromium	52-2	1767	1867	1847	1827	2.90	cps
Cobalt	59-2	690	600	650	647	6.97	cps
Copper	63-2	11268	10995	11101	11121	1.24	cps
Dysprosium	156-1	392	508	450	450	12.96	cps
Dysprosium	156-2	160	147	150	152	4.56	cps
Erbium	164-1	458	492	417	456	8.25	cps
Erbium	164-2	120	87	90	99	18.56	cps
Gadolinium	160-1	692	492	525	569	18.82	cps
Gadolinium	160-2	150	160	183	164	10.40	cps
Holmium	165-1	6601861	5884459	6185878	6224066	5.79	cps
Holmium	165-2	1582858	1571958	1580682	1578499	0.37	cps
Indium	115-1	5715894	5079324	5363345	5386188	5.92	cps
Indium	115-2	301571	301496	300729	301265	0.15	cps
Iron	56-2	362291	364461	366839	364530	0.62	cps
Iron	57-2	9181	9042	8998	9074	1.05	cps
Lead	206-1	5790	5412	5362	5522	4.24	cps
Lead	207-1	4612	4590	4423	4542	2.27	cps
Lead	208-1	21652	21441	20657	21250	2.47	cps
Lithium	6-1	749251	696080	731132	725488	3.73	cps
Magnesium	24-2	20235068	20481600	20620267	20445645	0.95	cps
Manganese	55-2	8353	8306	8469	8376	1.01	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13DUP Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERD Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 16:03:09 DataFile Name : 055SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11439	11614	11322	11458	1.28	cps
Molybdenum	95-1	18288	16686	17337	17437	4.62	cps
Molybdenum	96-1	18497	19023	18196	18572	2.25	cps
Molybdenum	97-1	11539	10746	10930	11072	3.75	cps
Molybdenum	98-1	28656	27354	26969	27660	3.20	cps
Neodymium	150-1	873	940	900	905	3.71	cps
Neodymium	150-2	183	103	153	147	27.55	cps
Nickel	60-2	730	780	683	731	6.61	cps
Phosphorus	31-2	83	92	83	86	5.58	cps
Potassium	39-2	4081093	4111148	4167379	4119874	1.06	cps
Rhodium	103-1	4927540	4442730	4706648	4692306	5.17	cps
Rhodium	103-2	1436348	1432103	1438422	1435624	0.22	cps
Scandium	45-1	3442480	3094973	3235514	3257656	5.37	cps
Scandium	45-2	34934	34860	35783	35192	1.46	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	6	4	9	6	45.85	cps
Selenium	82-1	1854	1806	1940	1867	3.63	cps
Silicon	28-1	5159357	5030888	4676517	4955587	5.05	cps
Silver	109-1	5776	5518	5426	5574	3.26	cps
Silver	107-1	5852	5543	5685	5693	2.71	cps
Sodium	23-2	422424134	425685035	431091326	426400165	1.03	cps
Strontium	86-1	8692812	8551592	8444874	8563093	1.45	cps
Strontium	88-1	75687758	73585464	73146995	74140072	1.83	cps
Sulfur	34-1	9931286	9948736	9859925	9913315	0.47	cps
Terbium	159-1	6848862	6225189	6605035	6559696	4.79	cps
Terbium	159-2	1626426	1535145	1548851	1570141	3.14	cps
Thallium	203-1	117	117	83	106	18.23	cps
Thallium	205-1	283	208	317	269	20.59	cps
Tin	118-1	17571	17863	17045	17493	2.37	cps
Titanium	47-1	18805	17537	17498	17947	4.14	cps
Uranium	238-1	21595	20760	20025	20793	3.78	cps
Vanadium	51-2	1697	1843	1914	1818	6.08	cps
Yttrium	89-1	6293648	5733827	6083506	6036994	4.68	cps
Yttrium	89-2	239319	241091	240121	240177	0.37	cps
Zinc	66-2	1703	1477	1570	1583	7.20	cps
Zirconium	90-1	4418	4318	4109	4281	3.67	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13DUP	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERD	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:03:09	DataFile Name :	055SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1233	850	958	1014	19.49	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13LX5	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERL	Dilution Factor :	5
Date & Time Acquired ::	2017-09-12 16:06:21	DataFile Name :	056SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533	400	408	447	16.70	cps
Antimony	121-1	3067	3376	3151	3198	4.99	cps
Arsenic	75-2	44	70	74	63	25.65	cps
Barium	135-1	5160	5335	5301	5265	1.77	cps
Barium	137-1	9120	9229	8870	9073	2.03	cps
Beryllium	9-1	94	78	89	87	9.75	cps
Bismuth	209-1	4744874	4694289	4670307	4703157	0.81	cps
Bismuth	209-2	1281537	1359036	1369718	1336764	3.60	cps
Boron	10-1	66965	66388	65969	66441	0.75	cps
Boron	11-1	324578	326455	321221	324085	0.82	cps
Cadmium	111-1	1183	1238	1303	1241	4.82	cps
Cadmium	106-1	1625	1717	1842	1728	6.29	cps
Cadmium	108-1	13	25	17	18	35.25	cps
Calcium	43-1	873920	881638	859314	871624	1.30	cps
Calcium	44-1	14577913	14721554	14352713	14550727	1.28	cps
Chromium	52-2	913	913	933	920	1.26	cps
Cobalt	59-2	143	100	197	147	33.01	cps
Copper	63-2	2424	2437	2280	2380	3.65	cps
Dysprosium	156-1	125	175	158	153	16.66	cps
Dysprosium	156-2	40	40	43	41	4.68	cps
Erbium	164-1	200	200	158	186	12.93	cps
Erbium	164-2	27	30	37	31	16.37	cps
Gadolinium	160-1	167	208	158	178	15.07	cps
Gadolinium	160-2	30	60	37	42	37.31	cps
Holmium	165-1	8912741	8687662	8645611	8748671	1.64	cps
Holmium	165-2	1937421	2020952	2062968	2007114	3.18	cps
Indium	115-1	7545455	7443302	7515763	7501507	0.70	cps
Indium	115-2	349304	371378	376008	365563	3.90	cps
Iron	56-2	86568	81510	83169	83749	3.08	cps
Iron	57-2	2222	2267	2289	2260	1.50	cps
Lead	206-1	1806	1745	1656	1735	4.35	cps
Lead	207-1	1428	1406	1356	1396	2.65	cps
Lead	208-1	6534	6695	6384	6538	2.38	cps
Lithium	6-1	911145	915957	906122	911075	0.54	cps
Magnesium	24-2	4646523	4520019	4593397	4586646	1.38	cps
Manganese	55-2	1820	1750	1783	1785	1.96	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13LX5	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERL	Dilution Factor :	5
Date & Time Acquired ::	2017-09-12 16:06:21	DataFile Name :	056SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3117	2875	2992	2995	4.04	cps
Molybdenum	95-1	4201	4351	4568	4373	4.22	cps
Molybdenum	96-1	4509	4676	4834	4673	3.48	cps
Molybdenum	97-1	2642	2850	2492	2662	6.76	cps
Molybdenum	98-1	7094	7269	6602	6988	4.95	cps
Neodymium	150-1	207	213	287	236	18.84	cps
Neodymium	150-2	13	30	37	27	45.08	cps
Nickel	60-2	340	253	220	271	22.85	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	904102	880276	899537	894638	1.41	cps
Rhodium	103-1	6620669	6560461	6583294	6588141	0.46	cps
Rhodium	103-2	1735311	1819034	1862648	1805664	3.58	cps
Scandium	45-1	4295093	4280247	4210499	4261946	1.06	cps
Scandium	45-2	38313	40595	40649	39852	3.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	7	0	4	89.21	cps
Selenium	82-1	863	693	665	740	14.50	cps
Silicon	28-1	1454029	1409223	1389173	1417475	2.34	cps
Silver	109-1	1750	1475	1342	1522	13.68	cps
Silver	107-1	1809	1817	1750	1792	2.03	cps
Sodium	23-2	95406315	92968067	94291733	94222038	1.30	cps
Strontium	86-1	2204734	2187036	2162438	2184736	0.97	cps
Strontium	88-1	18557476	18433520	18411657	18467551	0.43	cps
Sulfur	34-1	2728299	2719458	2664745	2704167	1.27	cps
Terbium	159-1	9306245	9114547	9023260	9148017	1.58	cps
Terbium	159-2	1869602	2001548	2016476	1962542	4.12	cps
Thallium	203-1	75	50	83	69	24.98	cps
Thallium	205-1	108	142	142	131	14.74	cps
Tin	118-1	4826	4751	4768	4782	0.82	cps
Titanium	47-1	4101	4576	3951	4209	7.75	cps
Uranium	238-1	5168	5535	5168	5290	4.00	cps
Vanadium	51-2	423	460	480	454	6.32	cps
Yttrium	89-1	8226269	8156327	8117057	8166551	0.68	cps
Yttrium	89-2	265965	285346	289426	280246	4.47	cps
Zinc	66-2	370	357	390	372	4.51	cps
Zirconium	90-1	1225	1384	1275	1295	6.26	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13LX5	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERL	Dilution Factor :	5
Date & Time Acquired ::	2017-09-12 16:06:21	DataFile Name :	056SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	333	250	314	18.07	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:16:32	DataFile Name :	058CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	334278	332293	330438	332337	0.58	cps
Antimony	121-1	4820085	4775801	4802510	4799465	0.46	cps
Arsenic	75-2	58306	58475	57121	57967	1.27	cps
Barium	135-1	4959106	4962028	4953664	4958266	0.09	cps
Barium	137-1	8600803	8616390	8572546	8596580	0.26	cps
Beryllium	9-1	503656	500671	501160	501829	0.32	cps
Bismuth	209-1	5527442	5472191	5512819	5504151	0.52	cps
Bismuth	209-2	1570305	1564904	1549613	1561607	0.69	cps
Boron	10-1	59549	60913	60754	60405	1.23	cps
Boron	11-1	281198	285863	288200	285087	1.25	cps
Cadmium	111-1	993269	993332	996039	994214	0.16	cps
Cadmium	106-1	102925	102681	102580	102729	0.17	cps
Cadmium	108-1	70446	70043	69763	70084	0.49	cps
Calcium	43-1	4518527	4565671	4596656	4560285	0.86	cps
Calcium	44-1	74863056	75390789	75396414	75216753	0.41	cps
Chromium	52-2	466282	469809	467001	467697	0.40	cps
Cobalt	59-2	952398	951546	948723	950889	0.20	cps
Copper	63-2	1624776	1611108	1618499	1618128	0.42	cps
Dysprosium	156-1	92	75	117	94	22.21	cps
Dysprosium	156-2	20	10	27	19	44.42	cps
Erbium	164-1	83	50	83	72	26.65	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	150	100	142	131	20.52	cps
Gadolinium	160-2	33	30	20	28	24.98	cps
Holmium	165-1	9807019	9696279	9614878	9706059	0.99	cps
Holmium	165-2	2203271	2236701	2195546	2211839	0.99	cps
Indium	115-1	7954754	7817180	7781512	7851149	1.17	cps
Indium	115-2	389734	391785	383366	388295	1.13	cps
Iron	56-2	76163491	75852627	75664607	75893575	0.33	cps
Iron	57-2	1955209	1967639	1955103	1959317	0.37	cps
Lead	206-1	2651730	2658980	2666039	2658916	0.27	cps
Lead	207-1	2397685	2398754	2407950	2401463	0.23	cps
Lead	208-1	10833799	10795106	10908228	10845711	0.53	cps
Lithium	6-1	895324	877844	869433	880867	1.50	cps
Magnesium	24-2	7935186	7969369	7895545	7933367	0.47	cps
Manganese	55-2	268997	268283	267994	268424	0.19	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:16:32	DataFile Name :	058CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3683437	3751915	3708313	3714555	0.93	cps
Molybdenum	95-1	1999688	2011418	2005521	2005543	0.29	cps
Molybdenum	96-1	2575744	2597830	2568890	2580822	0.59	cps
Molybdenum	97-1	1201905	1224793	1206356	1211018	1.00	cps
Molybdenum	98-1	3175363	3223539	3245775	3214892	1.12	cps
Neodymium	150-1	273	273	227	258	10.45	cps
Neodymium	150-2	23	13	3	13	75.02	cps
Nickel	60-2	270799	272369	270594	271254	0.36	cps
Phosphorus	31-2	5251	5151	4601	5001	7.00	cps
Potassium	39-2	2536229	2549859	2507546	2531211	0.85	cps
Rhodium	103-1	7057754	6905972	6956116	6973281	1.11	cps
Rhodium	103-2	1963445	1964002	1943900	1957116	0.58	cps
Scandium	45-1	4219245	4200476	4199696	4206472	0.26	cps
Scandium	45-2	41668	41314	40595	41193	1.33	cps
Selenium	77-2	463	390	440	431	8.69	cps
Selenium	78-2	1437	1430	1487	1451	2.15	cps
Selenium	82-1	61962	61360	62137	61820	0.66	cps
Silicon	28-1	1936447	1933209	1958702	1942786	0.71	cps
Silver	109-1	4535846	4515917	4599706	4550490	0.96	cps
Silver	107-1	4869480	4835488	4804536	4836501	0.67	cps
Sodium	23-2	19892517	19868391	19687798	19816235	0.56	cps
Strontium	86-1	1322720	1331721	1320266	1324902	0.46	cps
Strontium	88-1	11338090	11440343	11422699	11400377	0.48	cps
Sulfur	34-1	598340	601529	598856	599575	0.29	cps
Terbium	159-1	10191100	10020139	9970890	10060710	1.15	cps
Terbium	159-2	2202333	2134723	2167748	2168268	1.56	cps
Thallium	203-1	3294794	3335146	3296451	3308797	0.69	cps
Thallium	205-1	7704084	7677336	7762120	7714513	0.56	cps
Tin	118-1	3339503	3353310	3343268	3345361	0.21	cps
Titanium	47-1	484004	486719	489532	486752	0.57	cps
Uranium	238-1	9866469	9790834	9832546	9829950	0.39	cps
Vanadium	51-2	352015	352498	349652	351388	0.43	cps
Yttrium	89-1	8457750	8387302	8395533	8413528	0.46	cps
Yttrium	89-2	301603	298644	295383	298543	1.04	cps
Zinc	66-2	150867	149984	149778	150210	0.39	cps
Zirconium	90-1	6996093	7093849	7031084	7040342	0.70	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:16:32	DataFile Name :	058CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1568726	1576215	1550348	1565096	0.85	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : CCB98 Instrumnet Name : P8
 Client Sample ID : CCB98 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 16:22:44 DataFile Name : 059CCBE_P8091217- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	17	22	43.30	cps
Antimony	121-1	1517	1408	1250	1392	9.64	cps
Arsenic	75-2	6	9	11	9	32.69	cps
Barium	135-1	17	25	33	25	33.32	cps
Barium	137-1	108	42	83	78	43.30	cps
Beryllium	9-1	233	172	178	194	17.38	cps
Bismuth	209-1	5567790	5642467	5622933	5611063	0.69	cps
Bismuth	209-2	1610627	1617133	1617059	1614940	0.23	cps
Boron	10-1	2342	2434	2600	2459	5.33	cps
Boron	11-1	11080	11488	11138	11235	1.97	cps
Cadmium	111-1	977	1242	1036	1085	12.84	cps
Cadmium	106-1	1358	1734	1450	1514	12.91	cps
Cadmium	108-1	17	13	0	10	89.22	cps
Calcium	43-1	1600	1533	1500	1545	3.30	cps
Calcium	44-1	31102	30985	30543	30877	0.96	cps
Chromium	52-2	610	593	693	632	8.47	cps
Cobalt	59-2	27	30	37	31	16.37	cps
Copper	63-2	240	373	360	324	22.63	cps
Dysprosium	156-1	0	42	17	19	107.85	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	33	58	42	44	28.65	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	50	83	33	56	45.83	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	9284357	9397178	9334980	9338838	0.61	cps
Holmium	165-2	2206504	2190470	2201479	2199484	0.37	cps
Indium	115-1	7930157	8081500	8034423	8015360	0.97	cps
Indium	115-2	399342	399577	400833	399917	0.20	cps
Iron	56-2	2406	2317	2250	2324	3.36	cps
Iron	57-2	39	56	89	61	41.66	cps
Lead	206-1	606	567	672	615	8.68	cps
Lead	207-1	444	556	611	537	15.80	cps
Lead	208-1	2506	2456	2600	2521	2.91	cps
Lithium	6-1	873370	906023	902223	893872	2.00	cps
Magnesium	24-2	267	292	292	283	5.10	cps
Manganese	55-2	87	83	90	87	3.84	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:22:44	DataFile Name :	059CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	392	342	369	6.89	cps
Molybdenum	95-1	158	175	83	139	35.16	cps
Molybdenum	96-1	183	242	233	219	14.38	cps
Molybdenum	97-1	108	167	233	169	36.91	cps
Molybdenum	98-1	200	233	192	208	10.58	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	157	137	136	16.00	cps
Phosphorus	31-2	25	8	0	11	114.58	cps
Potassium	39-2	3917	4001	3934	3951	1.12	cps
Rhodium	103-1	7146149	7222663	7150870	7173227	0.60	cps
Rhodium	103-2	2060138	2037351	2035456	2044315	0.67	cps
Scandium	45-1	4116499	4093823	4168600	4126307	0.93	cps
Scandium	45-2	41060	40167	40589	40605	1.10	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	40	-129	-40	-209.28	cps
Silicon	28-1	334047	332793	337974	334938	0.81	cps
Silver	109-1	475	500	392	456	12.45	cps
Silver	107-1	350	583	375	436	29.38	cps
Sodium	23-2	29131	29031	27377	28513	3.45	cps
Strontium	86-1	933	900	833	889	5.73	cps
Strontium	88-1	217	267	300	261	16.06	cps
Sulfur	34-1	328181	328527	325785	327498	0.46	cps
Terbium	159-1	9792943	9977276	9832001	9867406	0.98	cps
Terbium	159-2	2162645	2137076	2138648	2146123	0.67	cps
Thallium	203-1	325	292	292	303	6.36	cps
Thallium	205-1	767	900	675	781	14.50	cps
Tin	118-1	1233	1100	1175	1170	5.72	cps
Titanium	47-1	67	142	92	100	38.19	cps
Uranium	238-1	92	100	83	92	9.09	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	8132755	8360175	8210482	8234471	1.40	cps
Yttrium	89-2	296413	296455	294435	295768	0.39	cps
Zinc	66-2	73	67	87	76	13.48	cps
Zirconium	90-1	867	892	892	883	1.63	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:22:44	DataFile Name :	059CCBE_P8091217- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	150	150	161	11.94	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13MS Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERM Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 16:43:41 DataFile Name : 062SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56689	58088	59201	57993	2.17	cps
Antimony	121-1	3628559	3620821	3529516	3592965	1.53	cps
Arsenic	75-2	49986	49280	49983	49750	0.82	cps
Barium	135-1	3433637	3422906	3295438	3383993	2.27	cps
Barium	137-1	5918708	5856439	5691529	5822225	2.02	cps
Beryllium	9-1	426797	429211	425926	427311	0.40	cps
Bismuth	209-1	3641213	3574433	3551621	3589089	1.30	cps
Bismuth	209-2	1059645	1060239	947519	1022468	6.35	cps
Boron	10-1	308721	315275	311259	311752	1.06	cps
Boron	11-1	1546501	1547626	1533199	1542442	0.52	cps
Cadmium	111-1	724687	718044	694583	712438	2.22	cps
Cadmium	106-1	76040	75286	72277	74534	2.67	cps
Cadmium	108-1	49967	51243	48211	49807	3.06	cps
Calcium	43-1	4354615	4389730	4285503	4343282	1.22	cps
Calcium	44-1	71721212	71268306	71095493	71361670	0.45	cps
Chromium	52-2	403946	405568	405329	404948	0.22	cps
Cobalt	59-2	795449	791371	795476	794099	0.30	cps
Copper	63-2	1212784	1216621	1214052	1214486	0.16	cps
Dysprosium	156-1	558	833	758	717	19.84	cps
Dysprosium	156-2	150	183	123	152	19.75	cps
Erbium	164-1	3517	3509	3134	3387	6.47	cps
Erbium	164-2	790	793	793	792	0.24	cps
Gadolinium	160-1	775	917	783	825	9.64	cps
Gadolinium	160-2	207	260	270	246	13.87	cps
Holmium	165-1	6877035	6688392	6510605	6692011	2.74	cps
Holmium	165-2	1626582	1651359	1448369	1575437	7.03	cps
Indium	115-1	5751987	5715208	5515126	5660774	2.25	cps
Indium	115-2	302425	306493	269694	292871	6.89	cps
Iron	56-2	12460321	12360853	12444908	12422027	0.43	cps
Iron	57-2	310047	311023	311706	310926	0.27	cps
Lead	206-1	1804627	1788478	1705681	1766262	3.01	cps
Lead	207-1	1592552	1572755	1551722	1572343	1.30	cps
Lead	208-1	7316388	7284442	7129381	7243404	1.38	cps
Lithium	6-1	748104	755965	741549	748539	0.96	cps
Magnesium	24-2	21402764	21383946	21464231	21416980	0.20	cps
Manganese	55-2	220412	222195	223939	222182	0.79	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13MS Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERM Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 16:43:41 DataFile Name : 062SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2896680	2852035	2759360	2836025	2.47	cps
Molybdenum	95-1	1446421	1462290	1421600	1443437	1.42	cps
Molybdenum	96-1	1882993	1900183	1849995	1877724	1.36	cps
Molybdenum	97-1	877074	879659	852357	869696	1.73	cps
Molybdenum	98-1	2335300	2342676	2260866	2312948	1.96	cps
Neodymium	150-1	1300	1087	1140	1176	9.45	cps
Neodymium	150-2	147	160	147	151	5.09	cps
Nickel	60-2	224632	224741	226465	225279	0.46	cps
Phosphorus	31-2	42	58	100	67	45.06	cps
Potassium	39-2	4464214	4430219	4508650	4467695	0.88	cps
Rhodium	103-1	5135084	5013063	4864154	5004100	2.71	cps
Rhodium	103-2	1444138	1456308	1294889	1398445	6.43	cps
Scandium	45-1	3486015	3515432	3357509	3452985	2.43	cps
Scandium	45-2	35969	36765	32608	35114	6.28	cps
Selenium	77-2	343	297	423	354	18.07	cps
Selenium	78-2	1326	1213	1187	1242	5.95	cps
Selenium	82-1	50112	49432	48345	49296	1.81	cps
Silicon	28-1	7588266	6956212	6857586	7134021	5.56	cps
Silver	109-1	3089919	3110160	3004038	3068039	1.84	cps
Silver	107-1	3316046	3296827	3199188	3270687	1.92	cps
Sodium	23-2	420850151	423267293	420302768	421473404	0.37	cps
Strontium	86-1	8574674	8680608	8487260	8580847	1.13	cps
Strontium	88-1	74268283	73674585	73475762	73806210	0.56	cps
Sulfur	34-1	9768250	9858140	9582167	9736186	1.45	cps
Terbium	159-1	7224426	7164231	6967261	7118639	1.89	cps
Terbium	159-2	1575040	1630686	1420787	1542171	7.05	cps
Thallium	203-1	2309704	2292220	2240282	2280735	1.58	cps
Thallium	205-1	5475445	5349093	5310779	5378439	1.60	cps
Tin	118-1	2217145	2205338	2112826	2178436	2.62	cps
Titanium	47-1	393857	399474	388125	393819	1.44	cps
Uranium	238-1	6805335	6732360	6690800	6742832	0.86	cps
Vanadium	51-2	304618	304290	308249	305719	0.72	cps
Yttrium	89-1	6478293	6451077	6251360	6393577	1.94	cps
Yttrium	89-2	244532	244768	221432	236911	5.66	cps
Zinc	66-2	112871	113022	113543	113146	0.31	cps
Zirconium	90-1	5613186	5538816	6666911	5939638	10.62	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13MS	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERM	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:43:41	DataFile Name :	062SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1222280	1221246	1193294	1212273	1.36	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13MSD Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERM Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 16:46:45 DataFile Name : 063SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59032	58438	59802	59091	1.16	cps
Antimony	121-1	3560986	3576180	3605194	3580787	0.63	cps
Arsenic	75-2	52559	51518	51968	52015	1.00	cps
Barium	135-1	3322775	3349863	3406842	3359827	1.28	cps
Barium	137-1	5746011	5732860	5805212	5761361	0.67	cps
Beryllium	9-1	428140	433723	444716	435527	1.94	cps
Bismuth	209-1	3416148	3384781	3433135	3411355	0.72	cps
Bismuth	209-2	1068863	983265	1004026	1018718	4.38	cps
Boron	10-1	315134	317728	333451	322104	3.08	cps
Boron	11-1	1551169	1572055	1643380	1588868	3.04	cps
Cadmium	111-1	702652	710364	724098	712371	1.52	cps
Cadmium	106-1	74246	75411	74758	74805	0.78	cps
Cadmium	108-1	49332	49411	51393	50046	2.33	cps
Calcium	43-1	4390037	4390284	4558155	4446159	2.18	cps
Calcium	44-1	71918470	72234570	74328904	72827315	1.80	cps
Chromium	52-2	424411	412554	415336	417434	1.49	cps
Cobalt	59-2	829351	805249	803386	812662	1.78	cps
Copper	63-2	1258189	1230491	1229870	1239517	1.30	cps
Dysprosium	156-1	425	700	667	597	25.13	cps
Dysprosium	156-2	177	143	177	166	11.62	cps
Erbium	164-1	3101	3526	3376	3334	6.47	cps
Erbium	164-2	820	870	743	811	7.87	cps
Gadolinium	160-1	850	750	800	800	6.25	cps
Gadolinium	160-2	293	230	203	242	19.08	cps
Holmium	165-1	6640075	6631177	6641347	6637533	0.08	cps
Holmium	165-2	1731520	1528793	1589908	1616740	6.43	cps
Indium	115-1	5581524	5646520	5734752	5654265	1.36	cps
Indium	115-2	316143	286149	293850	298714	5.21	cps
Iron	56-2	12926544	12648807	12727705	12767685	1.12	cps
Iron	57-2	328039	318656	315358	320684	2.05	cps
Lead	206-1	1687249	1725509	1755809	1722856	1.99	cps
Lead	207-1	1525209	1507703	1544031	1525648	1.19	cps
Lead	208-1	6987313	6937543	7124564	7016473	1.38	cps
Lithium	6-1	755425	755765	778416	763202	1.73	cps
Magnesium	24-2	22786929	22065342	22107944	22320072	1.81	cps
Manganese	55-2	233832	227565	228543	229980	1.47	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13MSD Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERM Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 16:46:45 DataFile Name : 063SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2839578	2847401	2898157	2861712	1.11	cps
Molybdenum	95-1	1435246	1390368	1467737	1431117	2.71	cps
Molybdenum	96-1	1879681	1878939	1931024	1896548	1.57	cps
Molybdenum	97-1	862643	863042	883764	869816	1.39	cps
Molybdenum	98-1	2297418	2296261	2355760	2316480	1.47	cps
Neodymium	150-1	1475	907	1113	1165	24.67	cps
Neodymium	150-2	137	127	143	136	6.19	cps
Nickel	60-2	235909	228728	227427	230688	1.98	cps
Phosphorus	31-2	42	67	25	44	47.19	cps
Potassium	39-2	4746355	4607945	4587396	4647232	1.86	cps
Rhodium	103-1	4958843	4889246	5021089	4956393	1.33	cps
Rhodium	103-2	1539827	1367417	1402804	1436683	6.34	cps
Scandium	45-1	3494778	3470690	3588213	3517894	1.76	cps
Scandium	45-2	38600	35021	34650	36090	6.04	cps
Selenium	77-2	380	390	413	394	4.34	cps
Selenium	78-2	1352	1252	1315	1306	3.87	cps
Selenium	82-1	49221	48615	49876	49237	1.28	cps
Silicon	28-1	6774547	6950014	7078231	6934264	2.20	cps
Silver	109-1	3035890	3062727	3116233	3071617	1.33	cps
Silver	107-1	3249147	3251851	3333511	3278170	1.46	cps
Sodium	23-2	445566793	434639543	434863676	438356671	1.42	cps
Strontium	86-1	8448600	8566136	8755246	8589994	1.80	cps
Strontium	88-1	73991158	73597829	75675210	74421399	1.48	cps
Sulfur	34-1	9816550	9806091	10150857	9924499	1.98	cps
Terbium	159-1	6960842	6988431	7114560	7021278	1.17	cps
Terbium	159-2	1668495	1478224	1531899	1559539	6.29	cps
Thallium	203-1	2262177	2233551	2225534	2240421	0.86	cps
Thallium	205-1	5237406	5267697	5314418	5273174	0.74	cps
Tin	118-1	2133978	2171021	2185262	2163421	1.22	cps
Titanium	47-1	402124	400981	409328	404144	1.12	cps
Uranium	238-1	6530616	6478994	6523107	6510906	0.43	cps
Vanadium	51-2	324317	312260	312570	316382	2.17	cps
Yttrium	89-1	6403387	6421110	6559217	6461238	1.32	cps
Yttrium	89-2	257529	235155	241753	244812	4.70	cps
Zinc	66-2	118333	113526	114874	115578	2.15	cps
Zirconium	90-1	5475449	5567737	5664608	5569265	1.70	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13MSD	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERM	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:46:45	DataFile Name :	063SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1211773	1206692	1241223	1219896	1.53	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13A Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERA Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 16:49:50 DataFile Name : 064SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56631	59375	59267	58424	2.66	cps
Antimony	121-1	3561192	3589589	3630864	3593881	0.97	cps
Arsenic	75-2	50899	52066	52414	51793	1.53	cps
Barium	135-1	3345736	3386032	3356978	3362915	0.62	cps
Barium	137-1	5784229	5867896	5716695	5789607	1.31	cps
Beryllium	9-1	433731	438737	438418	436962	0.64	cps
Bismuth	209-1	3398612	3343470	3449026	3397036	1.55	cps
Bismuth	209-2	1042549	1041796	1043424	1042590	0.08	cps
Boron	10-1	316794	325420	327167	323127	1.72	cps
Boron	11-1	1581147	1602080	1611664	1598297	0.98	cps
Cadmium	111-1	701783	713859	716617	710753	1.11	cps
Cadmium	106-1	74087	74951	73334	74124	1.09	cps
Cadmium	108-1	49499	49976	50532	50002	1.03	cps
Calcium	43-1	4368188	4438000	4475981	4427390	1.23	cps
Calcium	44-1	72329881	73128750	73283197	72913943	0.70	cps
Chromium	52-2	417144	417339	420808	418430	0.49	cps
Cobalt	59-2	817016	812161	823056	817411	0.67	cps
Copper	63-2	1242342	1253213	1250692	1248749	0.46	cps
Dysprosium	156-1	658	542	900	700	26.11	cps
Dysprosium	156-2	140	177	173	163	12.42	cps
Erbium	164-1	3234	3201	3634	3356	7.19	cps
Erbium	164-2	747	760	790	766	2.90	cps
Gadolinium	160-1	850	675	867	797	13.32	cps
Gadolinium	160-2	247	243	197	229	12.21	cps
Holmium	165-1	6537840	6588215	6545895	6557317	0.41	cps
Holmium	165-2	1664797	1665956	1681622	1670792	0.56	cps
Indium	115-1	5531926	5697575	5662302	5630601	1.55	cps
Indium	115-2	307001	308404	312695	309367	0.96	cps
Iron	56-2	12789620	12781977	12884994	12818864	0.45	cps
Iron	57-2	321339	318584	322372	320765	0.61	cps
Lead	206-1	1708887	1690942	1738451	1712760	1.40	cps
Lead	207-1	1531496	1529293	1535926	1532238	0.22	cps
Lead	208-1	7024672	6960978	7020834	7002161	0.51	cps
Lithium	6-1	753434	763159	770787	762460	1.14	cps
Magnesium	24-2	22146872	22363733	22386670	22299092	0.59	cps
Manganese	55-2	229660	229152	230768	229860	0.36	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13A Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERA Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 16:49:50 DataFile Name : 064SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2869079	2873969	2877325	2873457	0.14	cps
Molybdenum	95-1	1413714	1463641	1425280	1434212	1.82	cps
Molybdenum	96-1	1858978	1907354	1898139	1888157	1.36	cps
Molybdenum	97-1	864425	870802	871807	869011	0.46	cps
Molybdenum	98-1	2285648	2311517	2342536	2313234	1.23	cps
Neodymium	150-1	1080	1013	1000	1031	4.16	cps
Neodymium	150-2	127	180	130	146	20.52	cps
Nickel	60-2	231108	234028	234263	233133	0.75	cps
Phosphorus	31-2	83	33	17	44	78.06	cps
Potassium	39-2	4631473	4676818	4693234	4667175	0.69	cps
Rhodium	103-1	4947416	4899586	4953827	4933609	0.60	cps
Rhodium	103-2	1479244	1471975	1527848	1493022	2.03	cps
Scandium	45-1	3459176	3549124	3523904	3510735	1.32	cps
Scandium	45-2	37296	37520	38326	37714	1.44	cps
Selenium	77-2	413	393	380	396	4.24	cps
Selenium	78-2	1259	1330	1269	1286	2.97	cps
Selenium	82-1	48739	49279	49195	49071	0.59	cps
Silicon	28-1	7393404	7056513	8988881	7812933	13.21	cps
Silver	109-1	3086494	3160152	3115109	3120585	1.19	cps
Silver	107-1	3327757	3318672	3290424	3312284	0.59	cps
Sodium	23-2	434617110	438862593	438460176	437313293	0.54	cps
Strontium	86-1	8645494	8599101	8560873	8601823	0.49	cps
Strontium	88-1	74274329	74367304	73169425	73937019	0.90	cps
Sulfur	34-1	9883468	9915376	9957333	9918725	0.37	cps
Terbium	159-1	6817547	6968495	6929604	6905216	1.13	cps
Terbium	159-2	1643808	1593505	1654406	1630573	2.00	cps
Thallium	203-1	2263738	2269159	2235844	2256247	0.79	cps
Thallium	205-1	5301639	5287623	5268910	5286057	0.31	cps
Tin	118-1	2148116	2174779	2216749	2179881	1.59	cps
Titanium	47-1	407925	406894	415585	410135	1.16	cps
Uranium	238-1	6541052	6473524	6587767	6534114	0.88	cps
Vanadium	51-2	314219	313642	316016	314626	0.39	cps
Yttrium	89-1	6367939	6445248	6368992	6394060	0.69	cps
Yttrium	89-2	249132	250951	254760	251614	1.14	cps
Zinc	66-2	115402	117304	116716	116474	0.84	cps
Zirconium	90-1	5535217	5624937	5570549	5576901	0.81	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13A	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:49:50	DataFile Name :	064SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1211356	1230305	1223303	1221655	0.78	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-14	Instrumnet Name :	P8
Client Sample ID :	20170585-SITEWATER	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:52:53	DataFile Name :	065SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2242	1950	2317	2170	8.93	cps
Antimony	121-1	12206	12915	12715	12612	2.90	cps
Arsenic	75-2	365	280	346	330	13.57	cps
Barium	135-1	19098	18380	19240	18906	2.44	cps
Barium	137-1	32583	30579	42786	35316	18.54	cps
Beryllium	9-1	306	406	306	339	17.04	cps
Bismuth	209-1	3032309	2952685	2980567	2988521	1.35	cps
Bismuth	209-2	918689	905447	918894	914343	0.84	cps
Boron	10-1	341088	347887	354453	347809	1.92	cps
Boron	11-1	1711088	1713877	1760424	1728463	1.60	cps
Cadmium	111-1	913	855	909	893	3.62	cps
Cadmium	106-1	1117	1100	1200	1139	4.70	cps
Cadmium	108-1	50	21	8	26	81.04	cps
Calcium	43-1	4622148	4651752	4679555	4651151	0.62	cps
Calcium	44-1	75504450	76485127	76562493	76184023	0.77	cps
Chromium	52-2	2764	2514	2834	2704	6.22	cps
Cobalt	59-2	720	597	590	636	11.52	cps
Copper	63-2	5658	5468	5298	5475	3.29	cps
Dysprosium	156-1	592	475	558	542	11.09	cps
Dysprosium	156-2	157	123	150	143	12.30	cps
Erbium	164-1	375	383	508	422	17.69	cps
Erbium	164-2	67	87	93	82	16.88	cps
Gadolinium	160-1	492	583	642	572	13.21	cps
Gadolinium	160-2	193	157	183	178	10.66	cps
Holmium	165-1	6001499	5989698	5988067	5993088	0.12	cps
Holmium	165-2	1481176	1447148	1466432	1464918	1.16	cps
Indium	115-1	5280301	5284240	5303448	5289330	0.23	cps
Indium	115-2	294963	285963	294705	291877	1.76	cps
Iron	56-2	400585	392602	387994	393727	1.62	cps
Iron	57-2	9820	10026	9592	9813	2.21	cps
Lead	206-1	4779	4990	4823	4864	2.29	cps
Lead	207-1	4162	4334	4201	4232	2.13	cps
Lead	208-1	19734	19656	19206	19532	1.46	cps
Lithium	6-1	762195	767577	774225	767999	0.78	cps
Magnesium	24-2	26809246	26497559	26172918	26493241	1.20	cps
Manganese	55-2	7822	7782	7432	7679	2.80	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-14	Instrumnet Name :	P8
Client Sample ID :	20170585-SITEWATER	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:52:53	DataFile Name :	065SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13649	13299	13474	13474	1.30	cps
Molybdenum	95-1	20575	21142	20675	20797	1.46	cps
Molybdenum	96-1	23004	22244	21660	22303	3.02	cps
Molybdenum	97-1	13374	13399	13357	13377	0.16	cps
Molybdenum	98-1	32874	33025	32623	32841	0.62	cps
Neodymium	150-1	987	860	927	925	6.85	cps
Neodymium	150-2	147	167	180	164	10.20	cps
Nickel	60-2	1583	1653	1440	1559	6.98	cps
Phosphorus	31-2	50	25	25	33	43.30	cps
Potassium	39-2	5442937	5395811	5288382	5375710	1.47	cps
Rhodium	103-1	4627525	4642237	4690743	4653502	0.71	cps
Rhodium	103-2	1373395	1348291	1376774	1366153	1.14	cps
Scandium	45-1	3430221	3519424	3558907	3502851	1.88	cps
Scandium	45-2	37029	35411	37457	36632	2.95	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	6	4	11	7	56.78	cps
Selenium	82-1	1638	1643	1689	1657	1.71	cps
Silicon	28-1	4261665	4436060	4389326	4362350	2.07	cps
Silver	109-1	3242	3109	2934	3095	5.00	cps
Silver	107-1	3367	3151	3417	3312	4.28	cps
Sodium	23-2	558942962	553220779	543017495	551727079	1.46	cps
Strontium	86-1	10369027	10365622	10312408	10349019	0.31	cps
Strontium	88-1	88909419	88991919	89313729	89071689	0.24	cps
Sulfur	34-1	12626314	12706182	12796906	12709801	0.67	cps
Terbium	159-1	6218047	6242832	6274304	6245061	0.45	cps
Terbium	159-2	1441164	1414670	1461491	1439108	1.63	cps
Thallium	203-1	317	333	317	322	2.99	cps
Thallium	205-1	742	775	783	767	2.88	cps
Tin	118-1	28832	27947	27830	28203	1.94	cps
Titanium	47-1	20057	21640	20115	20604	4.36	cps
Uranium	238-1	21578	20234	21887	21233	4.14	cps
Vanadium	51-2	1964	1743	1974	1893	6.87	cps
Yttrium	89-1	6110891	6155821	6113036	6126582	0.41	cps
Yttrium	89-2	237994	234811	240566	237790	1.21	cps
Zinc	66-2	1417	1543	1347	1436	6.94	cps
Zirconium	90-1	5443	5310	5518	5424	1.95	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-14	Instrumnet Name :	P8
Client Sample ID :	20170585-SITEWATER	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 16:52:53	DataFile Name :	065SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1267	1358	1242	1289	4.77	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13DLX25 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERD Dilution Factor : 25
 Date & Time Acquired :: 2017-09-12 16:56:06 DataFile Name : 066SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	158	42	100	58.33	cps
Antimony	121-1	1117	1075	1175	1122	4.48	cps
Arsenic	75-2	13	30	24	22	38.20	cps
Barium	135-1	1025	1058	892	992	8.89	cps
Barium	137-1	2000	1759	1800	1853	6.97	cps
Beryllium	9-1	239	189	222	217	11.75	cps
Bismuth	209-1	4444766	4438990	4388479	4424078	0.70	cps
Bismuth	209-2	1382601	1425138	1421119	1409619	1.67	cps
Boron	10-1	20657	19656	20507	20273	2.66	cps
Boron	11-1	99562	95265	97539	97455	2.21	cps
Cadmium	111-1	1117	1169	1268	1185	6.49	cps
Cadmium	106-1	1567	1667	1775	1670	6.24	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	183721	180633	184036	182797	1.03	cps
Calcium	44-1	3110832	3081280	3069475	3087196	0.69	cps
Chromium	52-2	793	710	850	784	8.98	cps
Cobalt	59-2	50	60	40	50	20.00	cps
Copper	63-2	800	853	877	843	4.66	cps
Dysprosium	156-1	17	42	33	31	41.66	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	83	67	33	61	41.67	cps
Erbium	164-2	10	17	23	17	39.99	cps
Gadolinium	160-1	33	125	75	78	59.02	cps
Gadolinium	160-2	7	20	7	11	69.25	cps
Holmium	165-1	8092080	7953655	8096670	8047469	1.01	cps
Holmium	165-2	2078388	2130859	2096420	2101889	1.27	cps
Indium	115-1	7397950	7275357	7204283	7292530	1.34	cps
Indium	115-2	405238	418867	411117	411740	1.66	cps
Iron	56-2	20899	21050	20427	20792	1.56	cps
Iron	57-2	489	494	478	487	1.74	cps
Lead	206-1	639	533	689	620	12.80	cps
Lead	207-1	478	589	456	507	14.08	cps
Lead	208-1	2289	2333	2289	2304	1.11	cps
Lithium	6-1	961468	981980	979744	974397	1.15	cps
Magnesium	24-2	1100602	1045238	1044241	1063360	3.03	cps
Manganese	55-2	397	400	517	438	15.61	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13DLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERD	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 16:56:06	DataFile Name :	066SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	817	733	742	764	6.01	cps
Molybdenum	95-1	892	992	1042	975	7.83	cps
Molybdenum	96-1	950	1108	1117	1058	8.87	cps
Molybdenum	97-1	700	742	842	761	9.57	cps
Molybdenum	98-1	1767	1350	1500	1539	13.71	cps
Neodymium	150-1	53	40	40	44	17.33	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	130	160	173	154	14.37	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	215045	214518	213478	214347	0.37	cps
Rhodium	103-1	6517594	6570589	6578953	6555712	0.51	cps
Rhodium	103-2	2010451	2054294	2032938	2032561	1.08	cps
Scandium	45-1	4374470	4299607	4357679	4343919	0.90	cps
Scandium	45-2	44935	47811	46534	46427	3.10	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	9	15	2	9	75.28	cps
Selenium	82-1	206	201	245	218	11.10	cps
Silicon	28-1	625362	625446	623328	624712	0.19	cps
Silver	109-1	625	558	517	567	9.64	cps
Silver	107-1	450	500	508	486	6.49	cps
Sodium	23-2	22065416	21786207	21648146	21833257	0.97	cps
Strontium	86-1	421539	424684	420575	422266	0.51	cps
Strontium	88-1	3707308	3650539	3757436	3705094	1.44	cps
Sulfur	34-1	974032	969232	968386	970550	0.31	cps
Terbium	159-1	8378939	8413158	8395359	8395819	0.20	cps
Terbium	159-2	2074477	2108870	2087889	2090412	0.83	cps
Thallium	203-1	117	125	192	144	28.46	cps
Thallium	205-1	333	358	292	328	10.27	cps
Tin	118-1	1500	1792	1567	1620	9.44	cps
Titanium	47-1	1058	908	1017	995	7.79	cps
Uranium	238-1	1075	817	1108	1000	15.96	cps
Vanadium	51-2	130	117	107	118	9.94	cps
Yttrium	89-1	8083029	7881247	8020852	7995043	1.29	cps
Yttrium	89-2	312912	323030	319505	318482	1.61	cps
Zinc	66-2	157	200	153	170	15.32	cps
Zirconium	90-1	717	875	692	761	13.07	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13DLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERD	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 16:56:06	DataFile Name :	066SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	117	142	153	27.99	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13DUPDLX25 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERD Dilution Factor : 25
 Date & Time Acquired :: 2017-09-12 16:59:14 DataFile Name : 067SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	117	108	89	46.24	cps
Antimony	121-1	667	667	700	678	2.84	cps
Arsenic	75-2	15	33	17	22	47.21	cps
Barium	135-1	1067	975	992	1011	4.83	cps
Barium	137-1	1750	2051	1742	1848	9.52	cps
Beryllium	9-1	161	194	144	167	15.27	cps
Bismuth	209-1	4302688	4324343	4179292	4268774	1.83	cps
Bismuth	209-2	1288662	1291486	1315758	1298635	1.15	cps
Boron	10-1	17103	17319	17386	17269	0.86	cps
Boron	11-1	83610	84398	82319	83442	1.26	cps
Cadmium	111-1	1274	948	966	1063	17.24	cps
Cadmium	106-1	1800	1325	1367	1497	17.57	cps
Cadmium	108-1	4	13	17	11	57.27	cps
Calcium	43-1	183613	183966	179097	182226	1.49	cps
Calcium	44-1	3099991	3103289	3010028	3071103	1.72	cps
Chromium	52-2	697	687	700	694	1.00	cps
Cobalt	59-2	70	47	97	71	35.18	cps
Copper	63-2	667	600	603	623	6.03	cps
Dysprosium	156-1	33	58	33	42	34.65	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	50	67	75	64	19.92	cps
Erbium	164-2	3	17	10	10	66.70	cps
Gadolinium	160-1	92	75	67	78	16.37	cps
Gadolinium	160-2	10	10	0	7	86.60	cps
Holmium	165-1	7712230	7782720	7734088	7743013	0.47	cps
Holmium	165-2	1899237	1916121	1949898	1921752	1.34	cps
Indium	115-1	7136945	7184039	6894077	7071687	2.20	cps
Indium	115-2	370309	368705	371910	370308	0.43	cps
Iron	56-2	18891	19191	20059	19381	3.13	cps
Iron	57-2	478	500	517	498	3.92	cps
Lead	206-1	639	500	600	580	12.36	cps
Lead	207-1	550	417	500	489	13.78	cps
Lead	208-1	2356	2078	2267	2233	6.35	cps
Lithium	6-1	925801	941092	944752	937215	1.07	cps
Magnesium	24-2	963824	965380	982924	970709	1.09	cps
Manganese	55-2	427	373	433	411	8.00	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERD	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 16:59:14	DataFile Name :	067SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	633	683	708	675	5.66	cps
Molybdenum	95-1	958	792	1092	947	15.87	cps
Molybdenum	96-1	983	925	875	928	5.84	cps
Molybdenum	97-1	900	708	792	800	12.01	cps
Molybdenum	98-1	1550	1475	1417	1481	4.51	cps
Neodymium	150-1	73	60	80	71	14.32	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	127	113	127	122	6.30	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	201336	196915	199349	199200	1.11	cps
Rhodium	103-1	6519928	6399607	6282888	6400808	1.85	cps
Rhodium	103-2	1832557	1814830	1833306	1826898	0.57	cps
Scandium	45-1	4189160	4224102	4103521	4172261	1.49	cps
Scandium	45-2	40983	40997	42243	41408	1.75	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	7	2	4	4	65.54	cps
Selenium	82-1	189	64	224	159	52.79	cps
Silicon	28-1	656409	609847	623554	629937	3.80	cps
Silver	109-1	392	492	317	400	21.95	cps
Silver	107-1	583	592	400	525	20.64	cps
Sodium	23-2	19975842	20002487	20250938	20076423	0.76	cps
Strontium	86-1	430430	425650	419480	425187	1.29	cps
Strontium	88-1	3744142	3747321	3668971	3720144	1.19	cps
Sulfur	34-1	963286	966511	946242	958680	1.14	cps
Terbium	159-1	8295561	8327533	8138116	8253736	1.23	cps
Terbium	159-2	1876968	1849777	1888439	1871728	1.06	cps
Thallium	203-1	133	192	117	147	26.75	cps
Thallium	205-1	375	242	200	272	33.58	cps
Tin	118-1	1600	1350	1175	1375	15.54	cps
Titanium	47-1	942	925	1000	956	4.12	cps
Uranium	238-1	1042	1033	1083	1053	2.54	cps
Vanadium	51-2	123	80	80	94	26.49	cps
Yttrium	89-1	7798586	7736022	7698489	7744366	0.65	cps
Yttrium	89-2	284213	282344	288262	284940	1.06	cps
Zinc	66-2	123	153	153	143	12.08	cps
Zirconium	90-1	925	817	667	803	16.16	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13DUPDLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERD	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 16:59:14	DataFile Name :	067SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	150	100	136	23.18	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13LDLX125 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERLI Dilution Factor : 125
 Date & Time Acquired :: 2017-09-12 17:02:23 DataFile Name : 068SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	58	31	83.33	cps
Antimony	121-1	258	317	308	294	10.72	cps
Arsenic	75-2	17	7	9	11	44.09	cps
Barium	135-1	250	200	275	242	15.80	cps
Barium	137-1	350	392	350	364	6.61	cps
Beryllium	9-1	172	150	117	146	19.11	cps
Bismuth	209-1	4474756	4464837	4425841	4455145	0.58	cps
Bismuth	209-2	1394262	1409719	1398539	1400840	0.57	cps
Boron	10-1	6668	6160	5968	6266	5.78	cps
Boron	11-1	30634	31059	29924	30539	1.88	cps
Cadmium	111-1	896	1001	1043	980	7.75	cps
Cadmium	106-1	1258	1425	1475	1386	8.18	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	34828	33842	33374	34015	2.18	cps
Calcium	44-1	571988	571479	560236	567901	1.17	cps
Chromium	52-2	710	753	693	719	4.31	cps
Cobalt	59-2	30	27	37	31	16.37	cps
Copper	63-2	407	457	460	441	6.77	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	17	7	3	9	78.08	cps
Gadolinium	160-1	50	42	58	50	16.67	cps
Gadolinium	160-2	13	0	7	7	99.98	cps
Holmium	165-1	7719688	7806006	7815905	7780533	0.68	cps
Holmium	165-2	2003315	2034734	2042547	2026865	1.02	cps
Indium	115-1	7141413	7057328	7109912	7102884	0.60	cps
Indium	115-2	396722	396202	398393	397105	0.29	cps
Iron	56-2	5029	4801	5262	5031	4.58	cps
Iron	57-2	122	150	94	122	22.73	cps
Lead	206-1	450	411	383	415	8.07	cps
Lead	207-1	400	444	350	398	11.87	cps
Lead	208-1	1817	1845	1711	1791	3.93	cps
Lithium	6-1	943253	928622	949493	940456	1.14	cps
Magnesium	24-2	188409	187435	186964	187602	0.39	cps
Manganese	55-2	107	143	143	131	16.15	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13LDLX125 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERLI Dilution Factor : 125
 Date & Time Acquired :: 2017-09-12 17:02:23 DataFile Name : 068SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	342	300	339	11.09	cps
Molybdenum	95-1	217	258	258	244	9.84	cps
Molybdenum	96-1	292	342	308	314	8.11	cps
Molybdenum	97-1	308	258	233	267	14.32	cps
Molybdenum	98-1	350	292	283	308	11.78	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	120	137	90	116	20.47	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	44254	43083	42983	43440	1.63	cps
Rhodium	103-1	6557303	6423950	6452190	6477815	1.08	cps
Rhodium	103-2	1982294	2000372	1956774	1979813	1.11	cps
Scandium	45-1	4101987	4101730	4075140	4092952	0.38	cps
Scandium	45-2	43581	44363	43176	43707	1.38	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	-51	42	42	11	486.76	cps
Silicon	28-1	402646	401752	405876	403425	0.54	cps
Silver	109-1	300	283	250	278	9.16	cps
Silver	107-1	267	283	333	294	11.78	cps
Sodium	23-2	4049657	4001827	4042863	4031449	0.64	cps
Strontium	86-1	78349	76640	76925	77305	1.18	cps
Strontium	88-1	659572	658679	665682	661311	0.58	cps
Sulfur	34-1	467951	468104	467500	467852	0.07	cps
Terbium	159-1	8216310	8321158	8208556	8248675	0.76	cps
Terbium	159-2	1999937	1995714	2019713	2005121	0.64	cps
Thallium	203-1	150	75	58	94	51.70	cps
Thallium	205-1	250	200	200	217	13.32	cps
Tin	118-1	1050	942	958	983	5.93	cps
Titanium	47-1	325	325	325	325	0.00	cps
Uranium	238-1	258	208	183	217	17.63	cps
Vanadium	51-2	17	50	37	34	48.70	cps
Yttrium	89-1	7690983	7685929	7674599	7683837	0.11	cps
Yttrium	89-2	303958	305041	301267	303422	0.64	cps
Zinc	66-2	107	127	70	101	28.42	cps
Zirconium	90-1	608	483	608	567	12.74	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13LDLX125	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERL	Dilution Factor :	125
Date & Time Acquired ::	2017-09-12 17:02:23	DataFile Name :	068SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	117	100	114	11.18	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13MSDLX25 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERM Dilution Factor : 25
 Date & Time Acquired :: 2017-09-12 17:12:05 DataFile Name : 070SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2634	2734	2767	2711	2.56	cps
Antimony	121-1	161802	161793	165868	163155	1.44	cps
Arsenic	75-2	2293	2282	2234	2269	1.39	cps
Barium	135-1	149114	151560	151837	150837	0.99	cps
Barium	137-1	260661	260926	261996	261194	0.27	cps
Beryllium	9-1	19152	19597	19853	19534	1.82	cps
Bismuth	209-1	4419114	4430667	4459950	4436577	0.47	cps
Bismuth	209-2	1370044	1365072	1376710	1370609	0.43	cps
Boron	10-1	26675	27327	27736	27246	1.96	cps
Boron	11-1	125899	131422	133986	130435	3.17	cps
Cadmium	111-1	35334	35544	35028	35302	0.74	cps
Cadmium	106-1	4901	4759	4668	4776	2.46	cps
Cadmium	108-1	2413	2538	2479	2477	2.53	cps
Calcium	43-1	358251	361144	362438	360611	0.59	cps
Calcium	44-1	5955779	5944869	6020650	5973766	0.69	cps
Chromium	52-2	19313	18993	18896	19068	1.15	cps
Cobalt	59-2	36795	37748	38510	37685	2.28	cps
Copper	63-2	57419	58750	58888	58352	1.39	cps
Dysprosium	156-1	75	25	42	47	53.91	cps
Dysprosium	156-2	20	7	17	14	48.02	cps
Erbium	164-1	225	233	258	239	7.26	cps
Erbium	164-2	47	73	70	63	22.94	cps
Gadolinium	160-1	83	108	158	117	32.73	cps
Gadolinium	160-2	23	27	23	24	7.89	cps
Holmium	165-1	7955658	7928277	8050468	7978134	0.80	cps
Holmium	165-2	2043292	2026667	2058760	2042906	0.79	cps
Indium	115-1	7016827	7043582	7186244	7082218	1.29	cps
Indium	115-2	384136	384994	388270	385800	0.57	cps
Iron	56-2	588879	589245	596021	591382	0.68	cps
Iron	57-2	14575	14213	14580	14456	1.46	cps
Lead	206-1	80628	81763	80733	81041	0.77	cps
Lead	207-1	72496	72239	73685	72807	1.06	cps
Lead	208-1	327632	325676	330893	328067	0.80	cps
Lithium	6-1	891787	892747	905569	896701	0.86	cps
Magnesium	24-2	1963318	1955706	1965566	1961530	0.26	cps
Manganese	55-2	10744	10447	10984	10725	2.51	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13MSDLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERM	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 17:12:05	DataFile Name :	070SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	122539	124407	124449	123798	0.88	cps
Molybdenum	95-1	63223	63424	65500	64049	1.97	cps
Molybdenum	96-1	83994	82433	84530	83652	1.30	cps
Molybdenum	97-1	40395	39935	40921	40417	1.22	cps
Molybdenum	98-1	100018	103368	104694	102693	2.35	cps
Neodymium	150-1	93	93	100	96	4.02	cps
Neodymium	150-2	30	13	17	20	44.10	cps
Nickel	60-2	10971	10721	10828	10840	1.16	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	389898	386831	393639	390123	0.87	cps
Rhodium	103-1	6273531	6304073	6392204	6323269	0.97	cps
Rhodium	103-2	1891264	1892224	1922468	1901986	0.93	cps
Scandium	45-1	4019115	4063104	4096265	4059495	0.95	cps
Scandium	45-2	42086	42200	43527	42605	1.88	cps
Selenium	77-2	13	30	20	21	39.75	cps
Selenium	78-2	74	61	69	68	9.58	cps
Selenium	82-1	2323	2483	2424	2410	3.37	cps
Silicon	28-1	863610	927002	1044355	944989	9.70	cps
Silver	109-1	143845	145682	145226	144918	0.66	cps
Silver	107-1	154434	154240	155859	154845	0.57	cps
Sodium	23-2	38332176	38408081	38585041	38441766	0.34	cps
Strontium	86-1	783336	795317	792418	790357	0.79	cps
Strontium	88-1	6767735	6871290	6865173	6834733	0.85	cps
Sulfur	34-1	1277134	1262596	1275620	1271783	0.63	cps
Terbium	159-1	8408542	8361729	8469737	8413336	0.64	cps
Terbium	159-2	1994029	1976036	1993429	1987831	0.51	cps
Thallium	203-1	102950	101615	102864	102476	0.73	cps
Thallium	205-1	244284	240571	242151	242336	0.77	cps
Tin	118-1	100551	101560	103734	101948	1.60	cps
Titanium	47-1	18655	17829	19097	18527	3.47	cps
Uranium	238-1	291577	293817	295424	293606	0.66	cps
Vanadium	51-2	13880	13840	14101	13940	1.01	cps
Yttrium	89-1	7671283	7771847	7821066	7754732	0.98	cps
Yttrium	89-2	295929	299152	299837	298306	0.70	cps
Zinc	66-2	5705	5728	6031	5821	3.13	cps
Zirconium	90-1	240810	245951	245164	243975	1.13	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13MSDLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERM	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 17:12:05	DataFile Name :	070SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	53481	54434	54653	54189	1.15	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13MSDDLX25 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERM Dilution Factor : 25
 Date & Time Acquired :: 2017-09-12 17:15:13 DataFile Name : 071SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2634	2392	2767	2598	7.32	cps
Antimony	121-1	166550	167531	164114	166065	1.06	cps
Arsenic	75-2	2343	2321	2226	2297	2.70	cps
Barium	135-1	154163	154771	154155	154363	0.23	cps
Barium	137-1	265424	264448	263623	264498	0.34	cps
Beryllium	9-1	19781	19942	19525	19749	1.07	cps
Bismuth	209-1	4406660	4455161	4405673	4422498	0.64	cps
Bismuth	209-2	1343692	1352706	1356161	1350853	0.48	cps
Boron	10-1	26216	27018	27268	26834	2.05	cps
Boron	11-1	128756	130749	136772	132092	3.16	cps
Cadmium	111-1	35438	35581	36520	35846	1.64	cps
Cadmium	106-1	4668	5118	5093	4959	5.10	cps
Cadmium	108-1	2413	2479	2313	2402	3.49	cps
Calcium	43-1	360800	368172	359830	362934	1.26	cps
Calcium	44-1	6054378	6081381	5996593	6044117	0.72	cps
Chromium	52-2	18976	19260	18860	19032	1.08	cps
Cobalt	59-2	37146	37524	37825	37498	0.91	cps
Copper	63-2	59490	59192	59373	59352	0.25	cps
Dysprosium	156-1	58	50	58	56	8.67	cps
Dysprosium	156-2	13	27	27	22	34.66	cps
Erbium	164-1	167	175	183	175	4.76	cps
Erbium	164-2	40	50	43	44	11.46	cps
Gadolinium	160-1	167	108	125	133	22.53	cps
Gadolinium	160-2	30	20	13	21	39.75	cps
Holmium	165-1	7865426	7991363	7865358	7907382	0.92	cps
Holmium	165-2	1967894	2025333	2036386	2009871	1.83	cps
Indium	115-1	7030142	6994759	7013113	7012671	0.25	cps
Indium	115-2	373722	374114	380653	376163	1.04	cps
Iron	56-2	593863	593783	595832	594493	0.20	cps
Iron	57-2	14825	14936	15515	15092	2.45	cps
Lead	206-1	81952	80946	83815	82238	1.77	cps
Lead	207-1	73624	74551	73110	73762	0.99	cps
Lead	208-1	333002	332274	331990	332422	0.16	cps
Lithium	6-1	881213	880351	873471	878345	0.48	cps
Magnesium	24-2	1958854	1954798	1950271	1954641	0.22	cps
Manganese	55-2	10551	10874	10744	10723	1.52	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13MSDDLX25 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERM Dilution Factor : 25
 Date & Time Acquired :: 2017-09-12 17:15:13 DataFile Name : 071SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	128133	127545	124946	126875	1.34	cps
Molybdenum	95-1	64077	66949	63725	64917	2.72	cps
Molybdenum	96-1	85704	84555	83700	84653	1.19	cps
Molybdenum	97-1	41047	39735	40194	40325	1.65	cps
Molybdenum	98-1	104585	105919	105148	105217	0.64	cps
Neodymium	150-1	80	127	87	98	25.81	cps
Neodymium	150-2	13	7	20	13	49.99	cps
Nickel	60-2	11108	11048	11051	11069	0.31	cps
Phosphorus	31-2	17	33	17	22	43.28	cps
Potassium	39-2	384169	389363	391136	388223	0.93	cps
Rhodium	103-1	6257309	6261481	6223176	6247322	0.34	cps
Rhodium	103-2	1854226	1833460	1877925	1855203	1.20	cps
Scandium	45-1	3991300	3985980	3943173	3973484	0.66	cps
Scandium	45-2	41445	41615	41672	41577	0.28	cps
Selenium	77-2	27	23	20	23	14.29	cps
Selenium	78-2	57	59	67	61	8.02	cps
Selenium	82-1	2507	2516	2438	2487	1.70	cps
Silicon	28-1	975975	999371	976285	983877	1.36	cps
Silver	109-1	150745	149219	149446	149804	0.55	cps
Silver	107-1	162907	158622	159341	160290	1.43	cps
Sodium	23-2	38282179	38066468	38218293	38188980	0.29	cps
Strontium	86-1	788789	801923	788329	793014	0.97	cps
Strontium	88-1	6804306	6977743	6818649	6866899	1.40	cps
Sulfur	34-1	1262858	1293316	1281840	1279338	1.20	cps
Terbium	159-1	8354532	8423382	8322827	8366913	0.61	cps
Terbium	159-2	1964717	1983387	1978150	1975418	0.49	cps
Thallium	203-1	102369	106225	103244	103946	1.94	cps
Thallium	205-1	250003	249643	244554	248066	1.23	cps
Tin	118-1	102255	104262	100342	102286	1.92	cps
Titanium	47-1	19815	18922	19100	19279	2.45	cps
Uranium	238-1	300087	304271	299448	301269	0.87	cps
Vanadium	51-2	14077	13647	14204	13976	2.09	cps
Yttrium	89-1	7585236	7723988	7597996	7635740	1.00	cps
Yttrium	89-2	287814	290280	291505	289866	0.65	cps
Zinc	66-2	5615	5701	5715	5677	0.96	cps
Zirconium	90-1	244068	252213	246504	247595	1.69	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13MSDDLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERM	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 17:15:13	DataFile Name :	071SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	54502	55807	55221	55177	1.18	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13ADLX25 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERA Dilution Factor : 25
 Date & Time Acquired :: 2017-09-12 17:18:22 DataFile Name : 072SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2817	2384	2792	2664	9.13	cps
Antimony	121-1	162098	161408	161248	161585	0.28	cps
Arsenic	75-2	2330	2334	2178	2280	3.89	cps
Barium	135-1	149923	149050	150295	149756	0.43	cps
Barium	137-1	259364	259254	264117	260912	1.06	cps
Beryllium	9-1	18963	18701	18512	18726	1.21	cps
Bismuth	209-1	4411169	4388600	4335079	4378283	0.89	cps
Bismuth	209-2	1356537	1350307	1367553	1358132	0.64	cps
Boron	10-1	26241	26459	27160	26620	1.80	cps
Boron	11-1	125922	127814	129068	127602	1.24	cps
Cadmium	111-1	35128	34202	35023	34784	1.46	cps
Cadmium	106-1	5051	4918	5118	5029	2.03	cps
Cadmium	108-1	2309	2388	2250	2316	2.98	cps
Calcium	43-1	349765	348692	350199	349552	0.22	cps
Calcium	44-1	5786771	5814066	5815134	5805324	0.28	cps
Chromium	52-2	18492	19003	19521	19005	2.70	cps
Cobalt	59-2	36715	37223	36742	36893	0.77	cps
Copper	63-2	58211	58198	58503	58304	0.30	cps
Dysprosium	156-1	58	58	75	64	15.05	cps
Dysprosium	156-2	13	23	23	20	28.87	cps
Erbium	164-1	192	225	183	200	11.02	cps
Erbium	164-2	40	43	60	48	22.43	cps
Gadolinium	160-1	108	108	75	97	19.80	cps
Gadolinium	160-2	13	30	30	24	39.37	cps
Holmium	165-1	7929165	7794756	7832262	7852061	0.88	cps
Holmium	165-2	1994931	2015359	2012324	2007538	0.55	cps
Indium	115-1	6905689	6910341	6930137	6915389	0.19	cps
Indium	115-2	379968	376506	380661	379045	0.59	cps
Iron	56-2	576187	581429	584378	580665	0.71	cps
Iron	57-2	14386	14536	15025	14649	2.28	cps
Lead	206-1	81410	79912	81142	80821	0.99	cps
Lead	207-1	71256	71099	72518	71624	1.09	cps
Lead	208-1	328327	322054	322345	324242	1.09	cps
Lithium	6-1	860160	851764	859112	857012	0.53	cps
Magnesium	24-2	1906722	1938963	1930372	1925353	0.87	cps
Manganese	55-2	10421	10357	10254	10344	0.81	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-13ADLX25 Instrumnet Name : P8
 Client Sample ID : 20170584-SITEWATERA Dilution Factor : 25
 Date & Time Acquired :: 2017-09-12 17:18:22 DataFile Name : 072SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	123222	120970	121884	122025	0.93	cps
Molybdenum	95-1	63583	64303	62537	63474	1.40	cps
Molybdenum	96-1	82384	82300	80632	81772	1.21	cps
Molybdenum	97-1	39675	38054	38439	38723	2.19	cps
Molybdenum	98-1	100942	101545	100639	101042	0.46	cps
Neodymium	150-1	113	87	80	93	18.90	cps
Neodymium	150-2	20	3	7	10	88.20	cps
Nickel	60-2	10748	10741	10684	10724	0.32	cps
Phosphorus	31-2	25	25	0	17	86.60	cps
Potassium	39-2	378506	382329	385178	382004	0.88	cps
Rhodium	103-1	6255567	6183658	6093795	6177673	1.31	cps
Rhodium	103-2	1850373	1846357	1867846	1854859	0.62	cps
Scandium	45-1	3956357	3963964	3948973	3956431	0.19	cps
Scandium	45-2	41989	42163	42147	42100	0.23	cps
Selenium	77-2	20	10	10	13	43.30	cps
Selenium	78-2	69	54	59	60	12.38	cps
Selenium	82-1	2328	2275	2368	2324	2.00	cps
Silicon	28-1	955430	939640	964254	953108	1.31	cps
Silver	109-1	144216	143322	142649	143395	0.55	cps
Silver	107-1	151789	150642	150591	151007	0.45	cps
Sodium	23-2	37261978	37430515	37545829	37412774	0.38	cps
Strontium	86-1	777598	768958	774359	773638	0.56	cps
Strontium	88-1	6722856	6670094	6722200	6705050	0.45	cps
Sulfur	34-1	1243218	1256022	1240305	1246515	0.67	cps
Terbium	159-1	8393723	8358426	8349826	8367325	0.28	cps
Terbium	159-2	1991343	1947356	1980031	1972910	1.16	cps
Thallium	203-1	101782	99530	101262	100858	1.17	cps
Thallium	205-1	243305	236913	238523	239580	1.39	cps
Tin	118-1	100383	98671	101367	100140	1.36	cps
Titanium	47-1	18480	17328	17620	17809	3.36	cps
Uranium	238-1	294521	291327	288516	291455	1.03	cps
Vanadium	51-2	13637	13523	13623	13595	0.46	cps
Yttrium	89-1	7532889	7571653	7570283	7558275	0.29	cps
Yttrium	89-2	292164	291604	291122	291630	0.18	cps
Zinc	66-2	5505	5551	5474	5510	0.70	cps
Zirconium	90-1	241786	245240	235229	240752	2.11	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-13ADLX25	Instrumnet Name :	P8
Client Sample ID :	20170584-SITEWATERA	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 17:18:22	DataFile Name :	072SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	52352	52870	52377	52533	0.56	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 17:27:28	DataFile Name :	074CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325634	322902	326112	324883	0.53	cps
Antimony	121-1	4492805	4445513	4491712	4476677	0.60	cps
Arsenic	75-2	54503	54410	54234	54382	0.25	cps
Barium	135-1	4609416	4546518	4599880	4585271	0.74	cps
Barium	137-1	8054311	7875879	7943894	7958028	1.13	cps
Beryllium	9-1	517822	515204	518219	517082	0.32	cps
Bismuth	209-1	5050234	5009435	5012311	5023993	0.45	cps
Bismuth	209-2	1455159	1449147	1433783	1446030	0.76	cps
Boron	10-1	56587	56160	57750	56833	1.45	cps
Boron	11-1	262681	269892	271352	267975	1.73	cps
Cadmium	111-1	920001	915872	924865	920246	0.49	cps
Cadmium	106-1	94597	92995	94555	94049	0.97	cps
Cadmium	108-1	64106	64512	64219	64279	0.33	cps
Calcium	43-1	4300808	4335146	4296406	4310787	0.49	cps
Calcium	44-1	70869912	70367074	71113050	70783345	0.54	cps
Chromium	52-2	448292	444876	447461	446876	0.40	cps
Cobalt	59-2	897108	899923	896199	897743	0.22	cps
Copper	63-2	1494520	1506709	1493694	1498307	0.49	cps
Dysprosium	156-1	108	67	142	106	35.60	cps
Dysprosium	156-2	7	20	27	18	57.27	cps
Erbium	164-1	33	50	17	33	50.00	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	117	117	100	111	8.66	cps
Gadolinium	160-2	10	23	33	22	52.68	cps
Holmium	165-1	8941484	8917410	8939819	8932904	0.15	cps
Holmium	165-2	2102242	2094847	2072231	2089773	0.75	cps
Indium	115-1	7198820	7242050	7330875	7257248	0.93	cps
Indium	115-2	371820	369241	366267	369109	0.75	cps
Iron	56-2	72504485	72898813	72120454	72507917	0.54	cps
Iron	57-2	1866938	1869837	1853377	1863384	0.47	cps
Lead	206-1	2414938	2438154	2483390	2445494	1.42	cps
Lead	207-1	2216175	2236575	2253807	2235519	0.84	cps
Lead	208-1	9937915	9947491	10050418	9978608	0.63	cps
Lithium	6-1	841081	842455	842206	841914	0.09	cps
Magnesium	24-2	7773551	7773951	7762775	7770092	0.08	cps
Manganese	55-2	259056	255722	254147	256308	0.98	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 17:27:28	DataFile Name :	074CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3446209	3451847	3459670	3452575	0.20	cps
Molybdenum	95-1	1868813	1851031	1852019	1857288	0.54	cps
Molybdenum	96-1	2401011	2362259	2350603	2371291	1.11	cps
Molybdenum	97-1	1120809	1109990	1116891	1115897	0.49	cps
Molybdenum	98-1	2977072	2938537	2992063	2969224	0.93	cps
Neodymium	150-1	173	200	200	191	8.06	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	258458	257081	257824	257788	0.27	cps
Phosphorus	31-2	4626	5084	4876	4862	4.72	cps
Potassium	39-2	2515872	2483930	2462245	2487349	1.08	cps
Rhodium	103-1	6359391	6348661	6385508	6364520	0.30	cps
Rhodium	103-2	1841196	1860983	1830595	1844258	0.84	cps
Scandium	45-1	3984532	3954909	3928465	3955969	0.71	cps
Scandium	45-2	40956	40371	39900	40409	1.31	cps
Selenium	77-2	393	340	413	382	9.92	cps
Selenium	78-2	1420	1472	1409	1434	2.34	cps
Selenium	82-1	56535	56383	56464	56461	0.13	cps
Silicon	28-1	1849409	1867896	1840496	1852600	0.75	cps
Silver	109-1	4185094	4194915	4258886	4212965	0.95	cps
Silver	107-1	4472632	4444954	4524513	4480700	0.90	cps
Sodium	23-2	19319354	19406283	19091645	19272427	0.84	cps
Strontium	86-1	1222654	1218157	1213483	1218098	0.38	cps
Strontium	88-1	10655081	10554241	10388909	10532744	1.28	cps
Sulfur	34-1	593411	593080	593092	593194	0.03	cps
Terbium	159-1	9231811	9316001	9258009	9268607	0.46	cps
Terbium	159-2	2043271	2038687	2014144	2032034	0.77	cps
Thallium	203-1	3067471	3054593	3080242	3067435	0.42	cps
Thallium	205-1	7192322	7117627	7164469	7158139	0.53	cps
Tin	118-1	3081063	3081431	3105205	3089233	0.45	cps
Titanium	47-1	459604	456424	456739	457589	0.38	cps
Uranium	238-1	9163710	9033502	9098711	9098641	0.72	cps
Vanadium	51-2	334291	332503	333562	333452	0.27	cps
Yttrium	89-1	7777526	7841232	7705926	7774895	0.87	cps
Yttrium	89-2	289384	286046	281987	285806	1.30	cps
Zinc	66-2	142123	141782	143530	142478	0.65	cps
Zirconium	90-1	6517296	6443461	6506517	6489092	0.61	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 17:27:28	DataFile Name :	074CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1460893	1461038	1456830	1459587	0.16	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB99	Instrumnet Name :	P8
Client Sample ID :	CCB99	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 18:21:02	DataFile Name :	083CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	17	8	100.02	cps
Antimony	121-1	125	142	117	128	9.96	cps
Arsenic	75-2	6	9	4	6	45.85	cps
Barium	135-1	17	33	25	25	33.32	cps
Barium	137-1	50	50	50	50	0.00	cps
Beryllium	9-1	89	111	78	93	18.33	cps
Bismuth	209-1	5369730	5418620	5302730	5363693	1.08	cps
Bismuth	209-2	1539268	1537768	1553748	1543595	0.57	cps
Boron	10-1	975	1167	1250	1131	12.47	cps
Boron	11-1	5410	5443	5526	5460	1.10	cps
Cadmium	111-1	967	927	1043	979	6.04	cps
Cadmium	106-1	1375	1317	1483	1392	6.08	cps
Cadmium	108-1	0	4	17	7	124.88	cps
Calcium	43-1	1383	1458	1542	1461	5.42	cps
Calcium	44-1	29490	28930	29949	29457	1.73	cps
Chromium	52-2	723	680	703	702	3.09	cps
Cobalt	59-2	23	23	40	29	33.32	cps
Copper	63-2	200	160	187	182	11.18	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	25	42	28	45.82	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	58	50	58	56	8.67	cps
Gadolinium	160-2	3	13	10	9	57.30	cps
Holmium	165-1	8948942	8968932	8948110	8955328	0.13	cps
Holmium	165-2	2099023	2127903	2087801	2104909	0.98	cps
Indium	115-1	7628983	7643253	7489230	7587155	1.12	cps
Indium	115-2	392403	387715	394737	391618	0.91	cps
Iron	56-2	1861	1700	1561	1708	8.79	cps
Iron	57-2	22	39	72	44	57.29	cps
Lead	206-1	528	500	583	537	7.90	cps
Lead	207-1	511	406	450	456	11.63	cps
Lead	208-1	2056	1917	2250	2074	8.07	cps
Lithium	6-1	848380	846385	845850	846872	0.16	cps
Magnesium	24-2	375	392	508	425	17.09	cps
Manganese	55-2	40	77	57	58	31.78	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB99	Instrumnet Name :	P8
Client Sample ID :	CCB99	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 18:21:02	DataFile Name :	083CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	233	225	192	217	10.18	cps
Molybdenum	95-1	25	33	8	22	57.29	cps
Molybdenum	96-1	133	75	75	94	35.66	cps
Molybdenum	97-1	75	75	133	94	35.66	cps
Molybdenum	98-1	50	50	58	53	9.12	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	87	57	64	30.31	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	4243	3967	3892	4034	4.57	cps
Rhodium	103-1	6952092	6806784	6803172	6854016	1.24	cps
Rhodium	103-2	1958071	1972862	1977619	1969517	0.52	cps
Scandium	45-1	4013504	4023253	3928242	3988333	1.31	cps
Scandium	45-2	39877	40686	40779	40447	1.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	13	6	115.50	cps
Selenium	82-1	-51	-20	-51	-41	-44.01	cps
Silicon	28-1	356050	346476	343880	348802	1.84	cps
Silver	109-1	142	183	83	136	36.90	cps
Silver	107-1	167	142	158	156	8.19	cps
Sodium	23-2	40325	39924	41127	40459	1.51	cps
Strontium	86-1	1033	725	1000	920	18.41	cps
Strontium	88-1	175	200	242	206	16.38	cps
Sulfur	34-1	350995	353235	355243	353158	0.60	cps
Terbium	159-1	9461655	9412173	9272471	9382100	1.05	cps
Terbium	159-2	2045273	2053681	2099398	2066118	1.41	cps
Thallium	203-1	108	108	142	119	16.11	cps
Thallium	205-1	333	317	292	314	6.68	cps
Tin	118-1	525	792	792	703	21.91	cps
Titanium	47-1	83	100	92	92	9.09	cps
Uranium	238-1	42	17	67	42	60.00	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Yttrium	89-1	7959778	7875548	7868707	7901344	0.64	cps
Yttrium	89-2	290387	291482	291170	291013	0.19	cps
Zinc	66-2	73	47	33	51	39.86	cps
Zirconium	90-1	517	617	600	578	9.27	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB99	Instrumnet Name :	P8
Client Sample ID :	CCB99	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 18:21:02	DataFile Name :	083CCBE_P8091217- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	117	117	117	0.00	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : I5187-14DLX25 Instrumnet Name : P8
 Client Sample ID : 20170585-SITEWATERD Dilution Factor : 25
 Date & Time Acquired :: 2017-09-12 18:24:12 DataFile Name : 084SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	167	133	172	24.36	cps
Antimony	121-1	333	492	483	436	20.43	cps
Arsenic	75-2	20	30	15	22	34.65	cps
Barium	135-1	1042	1117	1192	1117	6.72	cps
Barium	137-1	2034	2175	1884	2031	7.18	cps
Beryllium	9-1	78	111	94	94	17.65	cps
Bismuth	209-1	5189472	5200696	5213832	5201334	0.23	cps
Bismuth	209-2	1484214	1495215	1449970	1476466	1.60	cps
Boron	10-1	15451	15292	15768	15503	1.56	cps
Boron	11-1	75867	76897	76973	76579	0.81	cps
Cadmium	111-1	1186	1149	1046	1127	6.42	cps
Cadmium	106-1	1659	1634	1484	1592	5.95	cps
Cadmium	108-1	13	4	25	14	75.48	cps
Calcium	43-1	218897	217961	217435	218098	0.34	cps
Calcium	44-1	3650359	3680453	3640948	3657253	0.56	cps
Chromium	52-2	787	847	747	793	6.34	cps
Cobalt	59-2	53	33	43	43	23.08	cps
Copper	63-2	620	517	603	580	9.57	cps
Dysprosium	156-1	8	42	33	28	62.46	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	58	33	67	53	32.88	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	108	58	92	86	29.56	cps
Gadolinium	160-2	13	17	27	19	36.75	cps
Holmium	165-1	8997124	8975266	9053394	9008595	0.45	cps
Holmium	165-2	2115093	2144095	2076746	2111978	1.60	cps
Indium	115-1	7512084	7607305	7595100	7571496	0.68	cps
Indium	115-2	388447	389145	381603	386398	1.08	cps
Iron	56-2	22224	24561	21100	22628	7.80	cps
Iron	57-2	494	589	539	541	8.74	cps
Lead	206-1	728	683	783	732	6.85	cps
Lead	207-1	611	561	767	646	16.59	cps
Lead	208-1	2884	2884	3200	2989	6.12	cps
Lithium	6-1	833594	843953	838604	838717	0.62	cps
Magnesium	24-2	1256399	1250694	1250642	1252578	0.26	cps
Manganese	55-2	477	433	460	457	4.79	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-14DLX25	Instrumnet Name :	P8
Client Sample ID :	20170585-SITEWATERD	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 18:24:12	DataFile Name :	084SMPL_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	908	842	1167	972	17.66	cps
Molybdenum	95-1	1208	1267	1275	1250	2.91	cps
Molybdenum	96-1	1292	1392	1317	1333	3.90	cps
Molybdenum	97-1	708	875	708	764	12.60	cps
Molybdenum	98-1	1934	2050	1992	1992	2.93	cps
Neodymium	150-1	60	107	47	71	44.30	cps
Neodymium	150-2	7	20	10	12	56.76	cps
Nickel	60-2	140	107	90	112	22.69	cps
Phosphorus	31-2	25	0	25	17	86.60	cps
Potassium	39-2	243524	241904	242607	242679	0.33	cps
Rhodium	103-1	6600413	6652214	6737061	6663229	1.04	cps
Rhodium	103-2	1918449	1926536	1876900	1907295	1.40	cps
Scandium	45-1	3979075	4091579	3986108	4018921	1.57	cps
Scandium	45-2	40428	41738	40562	40910	1.76	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	176	117	106	133	28.14	cps
Silicon	28-1	617148	629609	664688	637148	3.87	cps
Silver	109-1	575	567	617	586	4.57	cps
Silver	107-1	475	583	700	586	19.20	cps
Sodium	23-2	25117243	25263387	25074681	25151771	0.39	cps
Strontium	86-1	550989	552262	553257	552169	0.21	cps
Strontium	88-1	4796585	4823809	4801127	4807174	0.30	cps
Sulfur	34-1	957846	980021	972257	970041	1.16	cps
Terbium	159-1	9339774	9349942	9406366	9365361	0.38	cps
Terbium	159-2	2073558	2090283	2056444	2073428	0.82	cps
Thallium	203-1	242	208	292	247	16.97	cps
Thallium	205-1	517	583	617	572	8.90	cps
Tin	118-1	925	892	992	936	5.44	cps
Titanium	47-1	1258	942	1050	1083	14.86	cps
Uranium	238-1	1567	1442	1442	1484	4.87	cps
Vanadium	51-2	107	97	113	106	7.95	cps
Yttrium	89-1	7884444	7994639	7943116	7940733	0.69	cps
Yttrium	89-2	292102	291172	286839	290038	0.97	cps
Zinc	66-2	193	167	233	198	16.97	cps
Zirconium	90-1	783	958	767	836	12.70	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	I5187-14DLX25	Instrumnet Name :	P8
Client Sample ID :	20170585-SITEWATERD	Dilution Factor :	25
Date & Time Acquired ::	2017-09-12 18:24:12	DataFile Name :	084SMPL_P8091217- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	250	150	194	26.19	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : CCV01 Instrumnet Name : P8
 Client Sample ID : CCV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 18:27:21 DataFile Name : 085CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325721	325917	325537	325725	0.06	cps
Antimony	121-1	4585096	4605636	4547608	4579446	0.64	cps
Arsenic	75-2	54633	55020	54578	54744	0.44	cps
Barium	135-1	4785695	4766188	4705169	4752350	0.88	cps
Barium	137-1	8253201	8155225	8111633	8173353	0.89	cps
Beryllium	9-1	516925	519360	509824	515369	0.96	cps
Bismuth	209-1	4950381	5331075	5275872	5185776	3.97	cps
Bismuth	209-2	1477999	1454779	1478274	1470351	0.92	cps
Boron	10-1	53835	54554	55181	54524	1.24	cps
Boron	11-1	251240	259287	258556	256361	1.74	cps
Cadmium	111-1	946115	936508	926845	936489	1.03	cps
Cadmium	106-1	96343	96519	97157	96673	0.44	cps
Cadmium	108-1	66203	65517	65429	65716	0.65	cps
Calcium	43-1	4300518	4328944	4238103	4289188	1.08	cps
Calcium	44-1	70657500	70802845	70261012	70573786	0.40	cps
Chromium	52-2	445832	446096	441799	444576	0.54	cps
Cobalt	59-2	902144	895559	895964	897889	0.41	cps
Copper	63-2	1513696	1507416	1498532	1506548	0.51	cps
Dysprosium	156-1	100	50	100	83	34.64	cps
Dysprosium	156-2	20	23	13	19	26.96	cps
Erbium	164-1	33	75	117	75	55.56	cps
Erbium	164-2	10	10	20	13	43.30	cps
Gadolinium	160-1	92	117	183	131	36.30	cps
Gadolinium	160-2	17	3	20	13	66.16	cps
Holmium	165-1	8623562	9373340	9128428	9041777	4.23	cps
Holmium	165-2	2120373	2071848	2081128	2091116	1.23	cps
Indium	115-1	6972392	7434019	7387195	7264535	3.50	cps
Indium	115-2	368952	368840	367421	368404	0.23	cps
Iron	56-2	72765504	72762999	72939746	72822750	0.14	cps
Iron	57-2	1875019	1883064	1865123	1874402	0.48	cps
Lead	206-1	2559500	2575173	2582676	2572450	0.46	cps
Lead	207-1	2342463	2353081	2307022	2334189	1.03	cps
Lead	208-1	10526042	10502221	10440920	10489728	0.42	cps
Lithium	6-1	763078	823024	813071	799724	4.02	cps
Magnesium	24-2	7752798	7716799	7745876	7738491	0.25	cps
Manganese	55-2	258661	256432	255343	256812	0.66	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 18:27:21	DataFile Name :	085CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3481643	3467503	3481614	3476920	0.23	cps
Molybdenum	95-1	1897761	1866212	1891375	1885116	0.88	cps
Molybdenum	96-1	2440323	2436595	2435161	2437360	0.11	cps
Molybdenum	97-1	1150957	1134945	1142846	1142916	0.70	cps
Molybdenum	98-1	3055927	2997412	3015726	3023022	0.99	cps
Neodymium	150-1	173	153	180	169	8.22	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	259899	257637	257306	258281	0.55	cps
Phosphorus	31-2	5043	5210	4776	5009	4.37	cps
Potassium	39-2	2465172	2462927	2450652	2459584	0.32	cps
Rhodium	103-1	6187692	6620626	6574348	6460889	3.68	cps
Rhodium	103-2	1861785	1826269	1855666	1847907	1.03	cps
Scandium	45-1	3660591	3950146	3907074	3839271	4.07	cps
Scandium	45-2	39569	40101	40418	40029	1.07	cps
Selenium	77-2	397	417	420	411	3.07	cps
Selenium	78-2	1411	1428	1370	1403	2.11	cps
Selenium	82-1	57206	57757	57054	57339	0.64	cps
Silicon	28-1	1867141	1867174	1853044	1862453	0.44	cps
Silver	109-1	4333578	4280551	4256995	4290375	0.91	cps
Silver	107-1	4592429	4632645	4588988	4604687	0.53	cps
Sodium	23-2	19080776	19218343	19175199	19158106	0.37	cps
Strontium	86-1	1227274	1240474	1222849	1230199	0.75	cps
Strontium	88-1	10652851	10698840	10647016	10666236	0.27	cps
Sulfur	34-1	595394	592766	589961	592707	0.46	cps
Terbium	159-1	8915975	9699886	9597685	9404515	4.53	cps
Terbium	159-2	2054521	2018220	2043534	2038758	0.91	cps
Thallium	203-1	3214295	3238480	3154248	3202341	1.35	cps
Thallium	205-1	7551405	7496840	7364447	7470897	1.29	cps
Tin	118-1	3151876	3152093	3141488	3148486	0.19	cps
Titanium	47-1	460769	455202	452501	456157	0.92	cps
Uranium	238-1	9553036	9626843	9550998	9576959	0.45	cps
Vanadium	51-2	334665	333472	332097	333411	0.39	cps
Yttrium	89-1	7358720	7984223	7941369	7761438	4.50	cps
Yttrium	89-2	283418	280449	283166	282344	0.58	cps
Zinc	66-2	141745	142772	141793	142104	0.41	cps
Zirconium	90-1	6635957	6643856	6569476	6616430	0.62	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 18:27:21	DataFile Name :	085CCV_P8091217- MS.

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1478854	1472639	1472767	1474753	0.24	cps

LB Number : LB90059 Operator : Jaswal
 Lab Sample ID : CCB01 Instrumnet Name : P8
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-12 18:33:06 DataFile Name : 086CCBE_P8091217- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	8	25	57.75	cps
Antimony	121-1	1317	1492	1317	1375	7.35	cps
Arsenic	75-2	4	0	4	2	86.60	cps
Barium	135-1	58	17	17	31	78.72	cps
Barium	137-1	42	33	75	50	44.10	cps
Beryllium	9-1	267	189	183	213	21.88	cps
Bismuth	209-1	5433024	5444565	5365672	5414420	0.79	cps
Bismuth	209-2	1560126	1555059	1385976	1500387	6.61	cps
Boron	10-1	1625	1625	1333	1528	11.02	cps
Boron	11-1	7552	7427	7069	7349	3.42	cps
Cadmium	111-1	1013	956	936	969	4.14	cps
Cadmium	106-1	1450	1350	1308	1370	5.32	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	1450	1350	1667	1489	10.87	cps
Calcium	44-1	31052	29958	30693	30568	1.82	cps
Chromium	52-2	597	647	663	636	5.46	cps
Cobalt	59-2	53	30	57	47	31.14	cps
Copper	63-2	217	193	157	189	16.01	cps
Dysprosium	156-1	17	25	50	31	56.77	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	58	39	44.62	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	25	33	33	31	15.74	cps
Gadolinium	160-2	10	3	0	4	114.60	cps
Holmium	165-1	9165382	9052145	9009003	9075510	0.89	cps
Holmium	165-2	2120467	2125718	1880392	2042192	6.86	cps
Indium	115-1	7670611	7705859	7579477	7651982	0.85	cps
Indium	115-2	394469	394146	349696	379437	6.79	cps
Iron	56-2	2311	2384	2100	2265	6.50	cps
Iron	57-2	56	78	61	65	17.84	cps
Lead	206-1	561	628	633	607	6.62	cps
Lead	207-1	594	517	506	539	8.99	cps
Lead	208-1	2489	2434	2511	2478	1.62	cps
Lithium	6-1	846950	849686	831590	842742	1.16	cps
Magnesium	24-2	217	300	250	256	16.41	cps
Manganese	55-2	87	63	53	68	25.24	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 18:33:06	DataFile Name :	086CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	467	433	342	414	15.64	cps
Molybdenum	95-1	75	142	100	106	31.91	cps
Molybdenum	96-1	225	92	183	167	40.93	cps
Molybdenum	97-1	133	108	108	117	12.37	cps
Molybdenum	98-1	217	125	250	197	32.82	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	90	47	87	74	32.39	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	3892	4026	4101	4006	2.64	cps
Rhodium	103-1	6883995	6934350	6798494	6872279	1.00	cps
Rhodium	103-2	1977333	1991438	1772702	1913824	6.40	cps
Scandium	45-1	3955072	3973147	3917954	3948724	0.71	cps
Scandium	45-2	40301	40184	36368	38951	5.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	6	4	6	45.85	cps
Selenium	82-1	-46	-12	-61	-40	-62.96	cps
Silicon	28-1	328364	329321	321515	326400	1.30	cps
Silver	109-1	175	242	250	222	18.50	cps
Silver	107-1	317	325	325	322	1.49	cps
Sodium	23-2	38219	38595	36698	37837	2.65	cps
Strontium	86-1	742	842	933	839	11.43	cps
Strontium	88-1	217	217	175	203	11.86	cps
Sulfur	34-1	330042	330156	331923	330707	0.32	cps
Terbium	159-1	9447471	9592045	9399580	9479698	1.06	cps
Terbium	159-2	2077364	2053964	1842515	1991281	6.50	cps
Thallium	203-1	367	383	342	364	5.76	cps
Thallium	205-1	842	900	742	828	9.67	cps
Tin	118-1	1242	1267	1242	1250	1.15	cps
Titanium	47-1	117	192	192	167	25.98	cps
Uranium	238-1	75	158	158	131	36.85	cps
Vanadium	51-2	17	17	7	13	43.29	cps
Yttrium	89-1	7943454	7944248	7901691	7929798	0.31	cps
Yttrium	89-2	290371	290498	257533	279467	6.80	cps
Zinc	66-2	40	50	57	49	17.16	cps
Zirconium	90-1	958	825	700	828	15.61	cps

LB Number :	LB90059	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-12 18:33:06	DataFile Name :	086CCBE_P8091217- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	142	242	186	27.36	cps