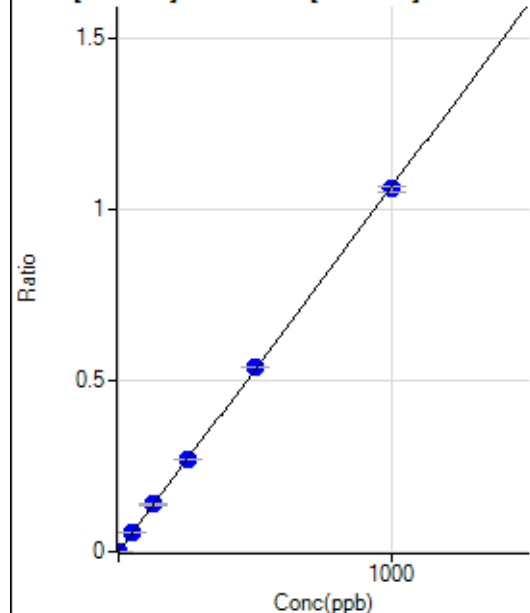


Batch Folder: D:\P8052519-MS.b\
Analysis File: P8052519-MS.batch.bin
DA Date-Time: 2019-05-26 23:22:00
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-05-25 13:42:52
2			
3	005CALS.d	S02	2019-05-25 13:50:39
4	006CALS.d	S03	2019-05-25 13:54:38
5	007CALS.d	S04	2019-05-25 13:58:36
6	008CALS.d	S05	2019-05-25 14:02:31
7	009CALS.d	S06	2019-05-25 14:06:20
8	010CALS.d	S07	2019-05-25 14:10:05
9	011CALS.d	S08	2019-05-25 14:13:51

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	33.2
2	☐	0.100					
3	☐	1.000	0.831	470.39	0.0009	P	10.1
4	☐	50.000	51.199	28125.83	0.0546	P	0.4
5	☐	125.000	129.513	71636.42	0.1381	P	1.6
6	☐	250.000	254.280	142406.95	0.2711	P	0.5
7	☐	500.000	507.914	283362.03	0.5416	P	0.3
8	☐	1000.000	994.349	556690.66	1.0602	P	1.4
9	☐			116.67	0.0002	P	23.0

$$y = 0.0011 * x + 3.1821E-005$$

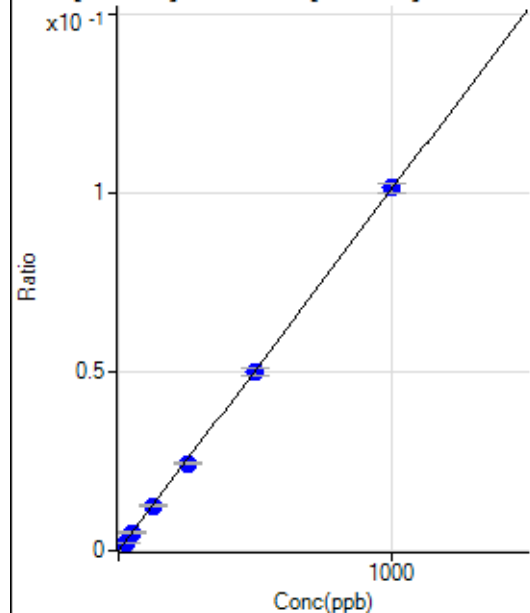
$$R = 0.9999$$

$$DL = 0.02971$$

$$BEC = 0.02984$$

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	30.55	0.0001	P	15.9
2	☐	2.500					
3	☐	25.000	20.151	1072.30	0.0021	P	10.4
4	☐	50.000	49.404	2594.74	0.0050	P	2.6
5	☐	125.000	123.982	6515.54	0.0126	P	5.5
6	☐	250.000	241.791	12833.78	0.0244	P	3.5
7	☐	500.000	494.909	26140.99	0.0500	P	3.8
8	☐	1000.000	1004.876	53224.07	0.1014	P	2.8
9	☐			5242.77	0.0092	P	8.1

$$y = 1.0081E-004 * x + 5.8364E-005$$

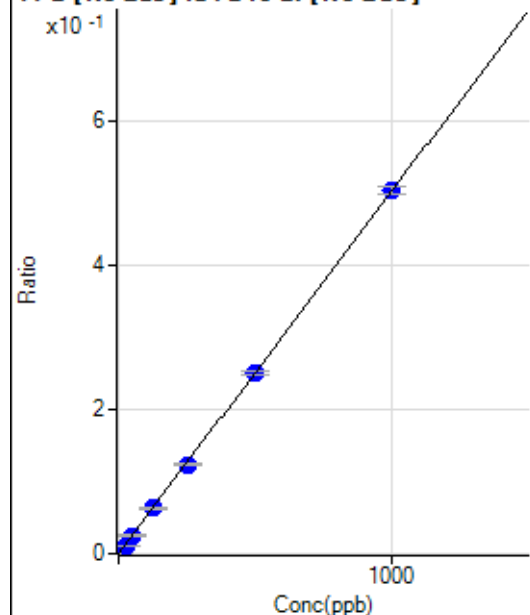
$$R = 0.9999$$

$$DL = 0.2756$$

$$BEC = 0.5789$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0003	P	45.1
2	☐	2.500					
3	☐	25.000	20.524	5426.17	0.0106	P	1.6
4	☐	50.000	48.857	12792.15	0.0248	P	5.0
5	☐	125.000	124.706	32676.90	0.0630	P	4.9
6	☐	250.000	246.252	65198.51	0.1241	P	2.7
7	☐	500.000	498.925	131470.29	0.2512	P	2.6
8	☐	1000.000	1001.680	264728.43	0.5042	P	2.2
9	☐			26555.61	0.0465	P	6.8

$$y = 5.0306\text{E-}004 * x + 2.5471\text{E-}004$$

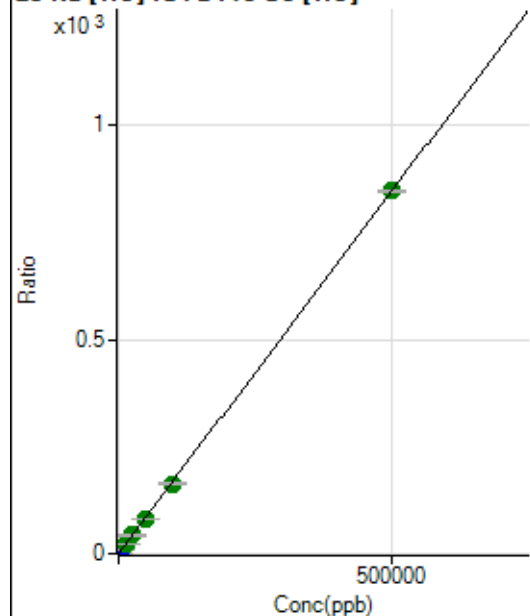
$$R = 1.0000$$

$$DL = 0.685$$

$$BEC = 0.5063$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3861.74	0.0486	P	2.7
2	☐	50.000					
3	☐	500.000	451.290	65112.53	0.8117	P	4.1
4	☐	5000.000	5104.861	709757.34	8.6813	P	1.1
5	☐	12500.000	12893.221	1711749.82	21.8521	A	3.3
6	☐	25000.000	25416.372	3422591.01	43.0299	A	7.4
7	☐	50000.000	48451.273	6633660.13	81.9839	A	1.0
8	☐	100000.00	96337.373	13239272.61	162.9634	A	1.7
9	☐	500000.00	500855.74	70014289.06	847.0392	A	0.7

$$y = 0.0017 * x + 0.0486$$

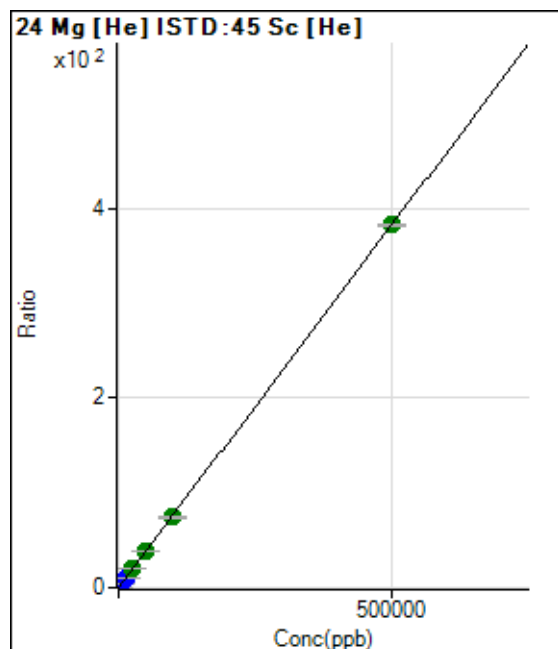
$$R = 1.0000$$

$$DL = 2.302$$

$$BEC = 28.72$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0005	P	43.2
2	☐	50.000					
3	☐	500.000	472.127	29007.77	0.3617	P	4.1
4	☐	5000.000	5126.558	320710.39	3.9226	P	0.7
5	☐	12500.000	13147.902	788121.58	10.0594	P	2.7
6	☐	25000.000	26301.627	1600275.28	20.1228	A	7.8
7	☐	50000.000	49425.656	3059625.07	37.8141	A	1.1
8	☐	100000.00	97162.591	6039786.46	74.3356	A	1.2
9	☐	500000.00	500542.40	31653409.74	382.9450	A	0.8

$$y = 7.6506E-004 * x + 5.2788E-004$$

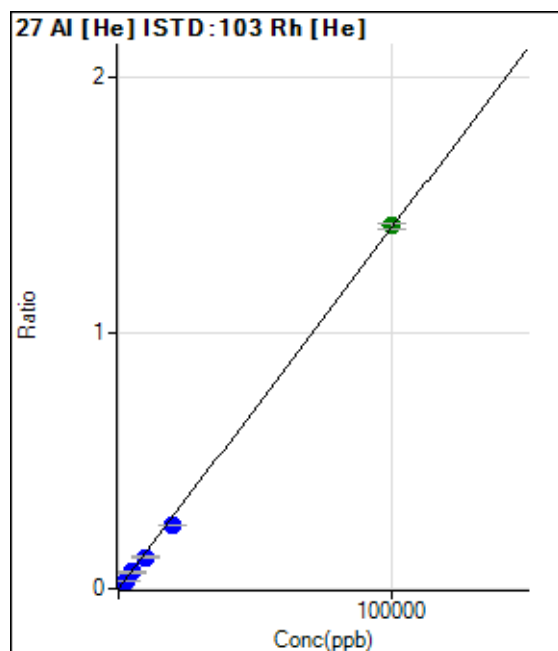
$$R = 1.0000$$

$$DL = 0.8942$$

$$BEC = 0.69$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	63.3
2	☐	2.000					
3	☐	20.000	18.101	433.35	0.0003	P	5.9
4	☐	1000.000	898.657	19992.27	0.0127	P	2.1
5	☐	2500.000	2240.491	47747.34	0.0316	P	1.5
6	☐	5000.000	4580.808	97076.79	0.0646	P	9.4
7	☐	10000.000	8775.300	191053.11	0.1238	P	0.6
8	☐	20000.000	17678.825	378513.35	0.2494	P	1.0
9	☐	100000.00	100615.16	2080073.03	1.4193	A	1.3

$$y = 1.4106E-005 * x + 2.4650E-005$$

$$R = 0.9997$$

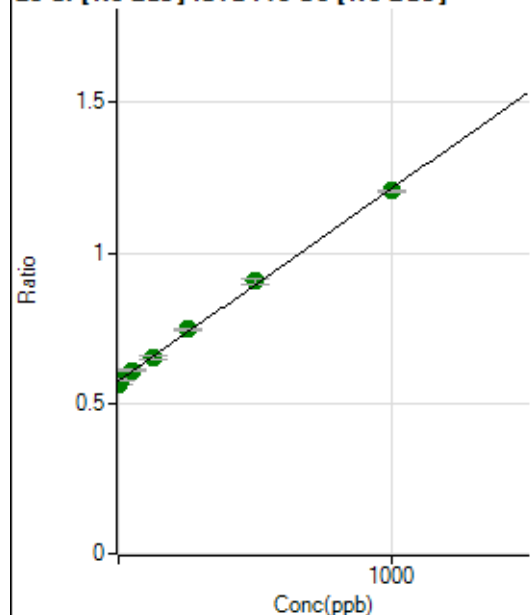
$$DL = 3.321$$

$$BEC = 1.748$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-18.501	1216879.37	0.5628	A	0.7
2	☐	1.000					
3	☐	10.000	2.869	1257069.56	0.5765	A	1.0
4	☐	50.000	54.746	1295063.24	0.6096	A	0.9
5	☐	125.000	125.198	1422548.07	0.6547	A	1.9
6	☐	250.000	266.456	1609516.51	0.7450	A	0.8
7	☐	500.000	517.074	1938918.88	0.9052	A	1.9
8	☐	1000.000	987.158	2597018.79	1.2057	A	0.4
9	☐			1309745.50	0.5807	A	0.8

$$y = 6.392688E-004 * x + 0.574628$$

$$R = 0.9993$$

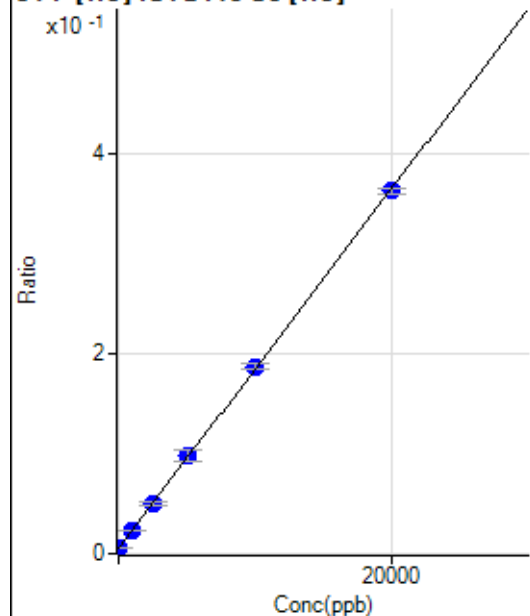
$$DL = 18.55$$

$$BEC = 898.9$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	5.287	411.13	0.0052	P	6.4
2	☐	0.000					
3	☐	0.000	-5.287	400.02	0.0050	P	5.0
4	☐	1000.000	1010.520	1902.96	0.0233	P	6.6
5	☐	2500.000	2468.665	3875.63	0.0495	P	7.6
6	☐	5000.000	5202.867	7841.25	0.0987	P	11.8
7	☐	10000.000	10133.444	15172.42	0.1875	P	2.5
8	☐	20000.000	19885.952	29503.50	0.3631	P	1.9
9	☐			419.46	0.0051	P	11.7

$$y = 1.8004E-005 * x + 0.0051$$

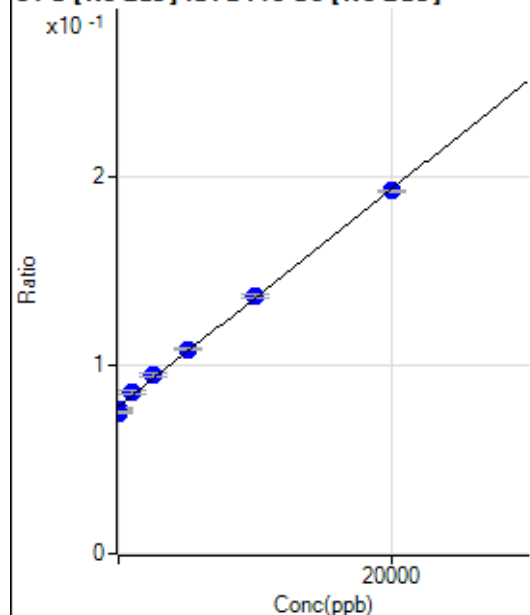
$$R = 0.9999$$

$$DL = 48.63$$

$$BEC = 281.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-263.400	165900.47	0.0767	P	1.6
2	☐	0.000					
3	☐	0.000	-576.727	163391.82	0.0749	P	0.3
4	☐	1000.000	1292.103	182055.25	0.0857	P	1.4
5	☐	2500.000	2874.285	206064.87	0.0948	P	1.8
6	☐	5000.000	5245.378	234440.08	0.1085	P	0.8
7	☐	10000.000	10102.192	292433.35	0.1365	P	1.4
8	☐	20000.000	19826.169	414858.96	0.1926	P	0.7
9	☐			174590.37	0.0774	P	0.5

$$y = 5.767647E-006 * x + 0.078256$$

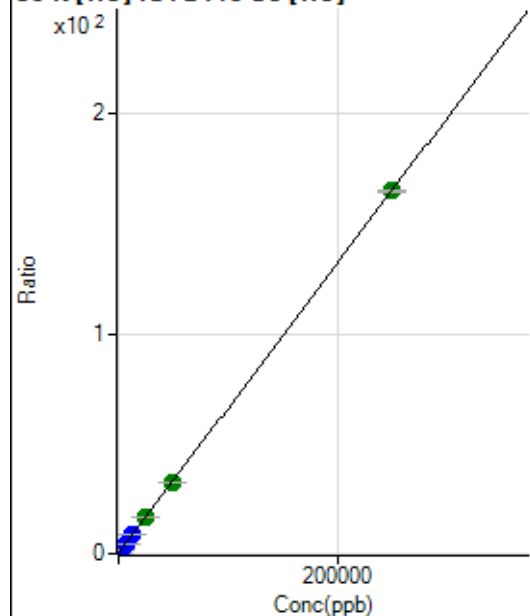
$$R = 0.9989$$

$$DL = 385.3$$

$$BEC = 1.357E+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9923.22	0.1248	P	1.5
2	☐	50.000					
3	☐	500.000	459.348	34292.37	0.4276	P	4.3
4	☐	2500.000	2574.719	149004.12	1.8223	P	1.4
5	☐	6250.000	6549.449	348066.44	4.4430	P	2.9
6	☐	12500.000	13013.417	692141.07	8.7048	P	8.3
7	☐	25000.000	25109.157	1349849.83	16.6798	A	2.0
8	☐	50000.000	49005.023	2635172.33	32.4349	A	1.7
9	☐	250000.00	250154.25	13644309.16	165.0571	A	0.8

$$y = 6.5932E-004 * x + 0.1248$$

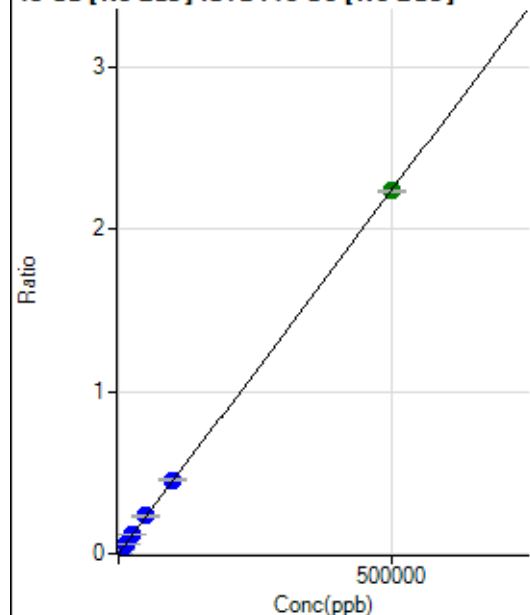
$$R = 1.0000$$

$$DL = 8.455$$

$$BEC = 189.2$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	486.13	0.0002	P	22.7
2	☐	50.000					
3	☐	500.000	443.110	4820.39	0.0022	P	5.0
4	☐	5000.000	5246.088	50396.35	0.0237	P	1.3
5	☐	12500.000	12898.111	126042.73	0.0580	P	1.2
6	☐	25000.000	25801.855	250170.10	0.1158	P	2.0
7	☐	50000.000	51751.846	497037.77	0.2321	P	2.0
8	☐	100000.00	101868.95	983398.64	0.4566	P	0.6
9	☐	500000.00	499398.57	5045956.67	2.2373	A	0.8

$$y = 4.4796E-006 * x + 2.2530E-004$$

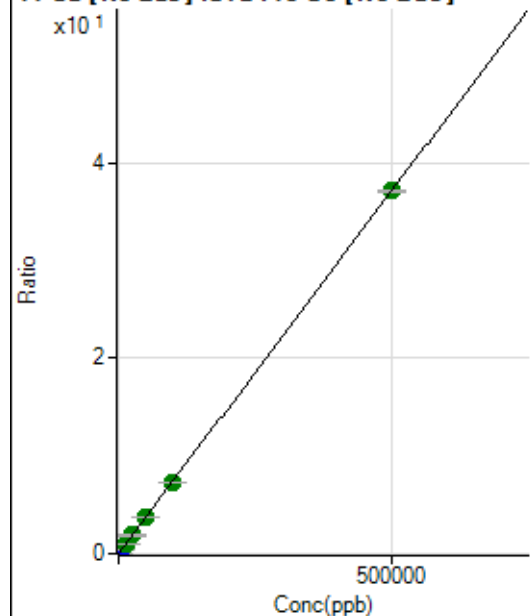
$$R = 1.0000$$

$$DL = 34.26$$

$$BEC = 50.3$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8024.75	0.0037	P	1.9
2	☐	50.000					
3	☐	500.000	438.168	78949.03	0.0362	P	0.9
4	☐	5000.000	5181.214	824050.04	0.3880	P	1.6
5	☐	12500.000	12963.745	2097457.32	0.9651	A	1.2
6	☐	25000.000	25256.228	4053936.51	1.8768	A	2.8
7	☐	50000.000	49922.351	7937822.05	3.7061	A	2.2
8	☐	100000.00	98693.339	15773891.15	7.3230	A	0.8
9	☐	500000.00	500242.94	83681229.65	37.1029	A	0.5

$$y = 7.4162E-005 * x + 0.0037$$

$$R = 1.0000$$

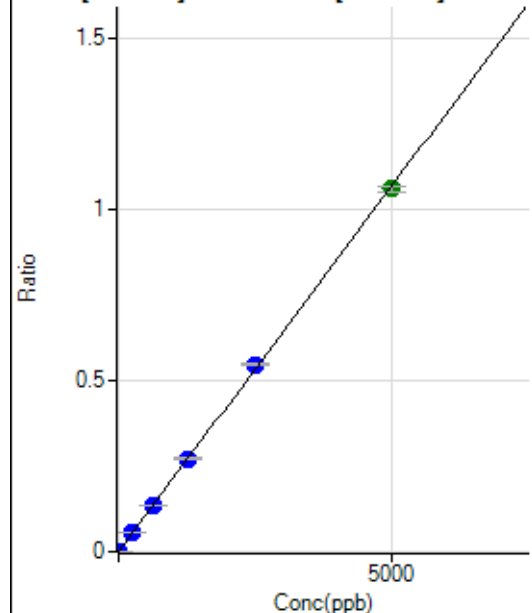
$$DL = 2.805$$

$$BEC = 50.03$$

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	647.25	0.0003	P	19.6
2	☐	1.000					
3	☐	10.000	4.562	2778.14	0.0013	P	5.8
4	☐	250.000	255.045	116332.31	0.0548	P	2.1
5	☐	625.000	633.137	294492.52	0.1355	P	1.4
6	☐	1250.000	1274.890	588927.47	0.2726	P	1.1
7	☐	2500.000	2555.116	1169595.07	0.5460	P	0.8
8	☐	5000.000	4964.961	2284695.60	1.0607	A	1.3
9	☐			1130.63	0.0005	P	15.6

$$y = 2.1357\text{E-}004 * x + 2.9990\text{E-}004$$

$$R = 0.9999$$

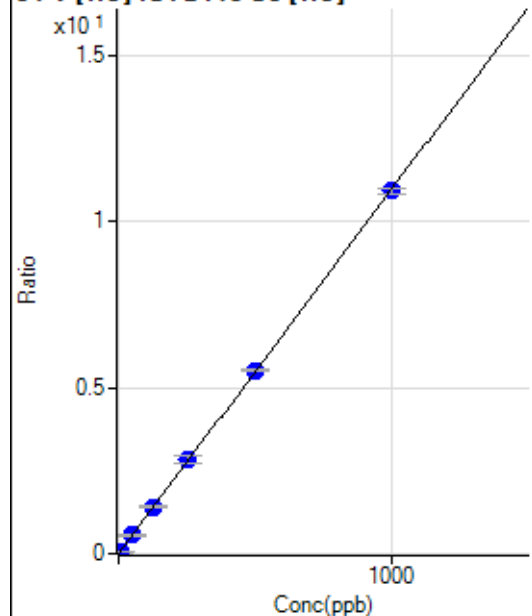
$$DL = 0.8273$$

$$BEC = 1.404$$

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	10.00	0.0001	P	57.0
2	☐	0.500					
3	☐	5.000	4.591	4050.62	0.00505	P	3.2
4	☐	50.000	50.411	45227.05	0.005532	P	1.5
5	☐	125.000	128.625	110557.18	0.014114	P	3.3
6	☐	250.000	257.726	224838.84	0.028279	P	8.6
7	☐	500.000	503.237	446827.09	0.055216	P	0.4
8	☐	1000.000	995.978	887860.89	0.109280	P	1.4
9	☐			183.33	0.00022	P	18.3

$$y = 0.0110 * x + 1.2552\text{E-}004$$

$$R = 1.0000$$

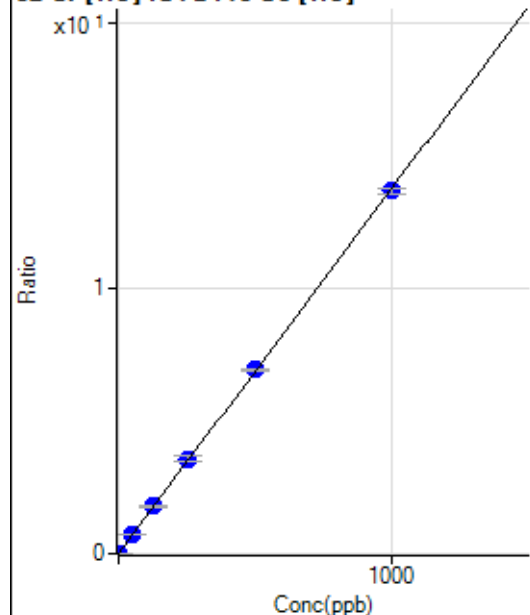
$$DL = 0.01957$$

$$BEC = 0.01144$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	428.90	0.0054	P	13.6
2	☐	0.200					
3	☐	2.000	1.819	2433.57	0.0304	P	6.7
4	☐	50.000	51.037	57739.34	0.7062	P	1.5
5	☐	125.000	129.704	139986.56	1.7864	P	2.0
6	☐	250.000	260.243	284621.65	3.5789	P	7.7
7	☐	500.000	504.271	560760.97	6.9297	P	0.4
8	☐	1000.000	994.664	1110018.92	13.6634	P	1.8
9	☐			2761.42	0.0334	P	4.0

$$y = 0.0137 * x + 0.0054$$

$$R = 0.9999$$

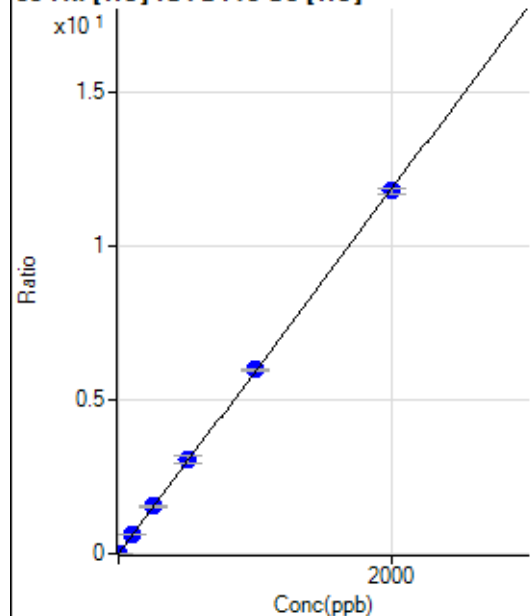
$$DL = 0.1601$$

$$BEC = 0.3928$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	96.67	0.0012	P	15.4
2	☐	0.100					
3	☐	1.000	0.925	536.68	0.0067	P	9.1
4	☐	100.000	102.184	49501.62	0.6054	P	0.7
5	☐	250.000	261.791	121346.32	1.5491	P	3.3
6	☐	500.000	518.223	243725.72	3.0653	P	8.4
7	☐	1000.000	1007.522	482138.42	5.9585	P	0.7
8	☐	2000.000	1990.101	956112.40	11.7682	P	1.6
9	☐			2113.51	0.0256	P	1.8

$$y = 0.0059 * x + 0.0012$$

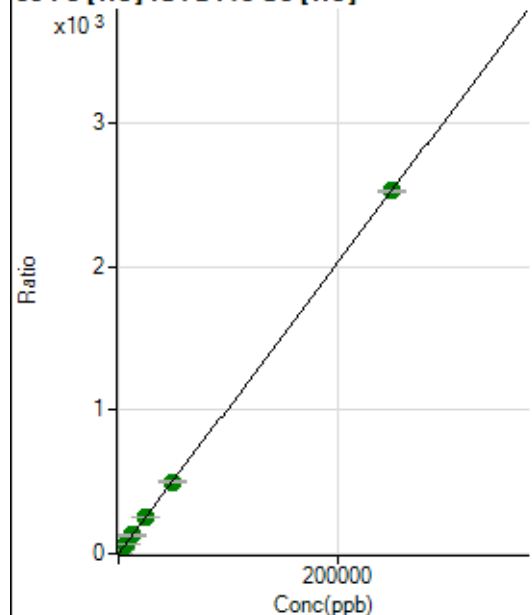
$$R = 0.9999$$

$$DL = 0.09431$$

$$BEC = 0.2047$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1381.57	0.0174	P	3.0
2	☐	5.000					
3	☐	50.000	47.774	40102.09	0.5005	P	6.0
4	☐	2500.000	2565.067	2122382.38	25.9576	A	0.2
5	☐	6250.000	6520.765	5167894.15	65.9612	A	2.6
6	☐	12500.000	12908.708	10380607.76	130.5618	A	8.5
7	☐	25000.000	25134.272	20570040.97	254.1977	A	0.6
8	☐	50000.000	49489.915	40660480.07	500.5039	A	2.0
9	☐	250000.00	250060.73	209046986.1	2,528.856	A	0.7

$$y = 0.0101 * x + 0.0174$$

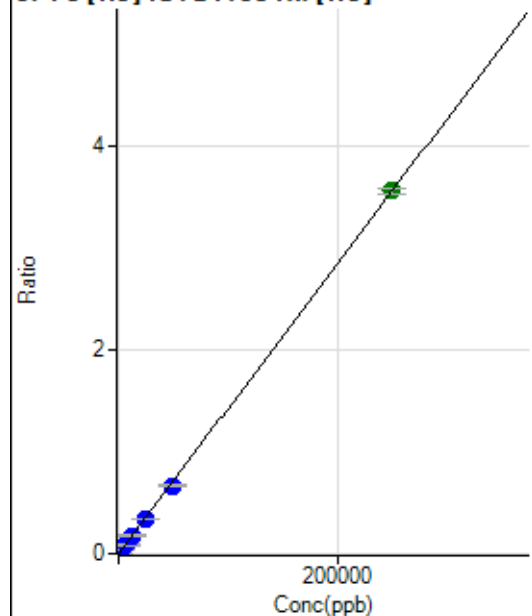
$$R = 1.0000$$

$$DL = 0.1535$$

$$BEC = 1.717$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:103 Rh [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.34	0.0000	P	44.1
2	☐	5.000					
3	☐	50.000	43.578	992.64	0.0006	P	4.6
4	☐	2500.000	2322.655	51812.55	0.0329	P	2.8
5	☐	6250.000	6010.390	128572.79	0.0852	P	2.0
6	☐	12500.000	12184.232	259366.24	0.1727	P	9.1
7	☐	25000.000	23353.997	510744.50	0.3310	P	0.8
8	☐	50000.000	47008.470	1011102.38	0.6662	P	0.9
9	☐	250000.00	250786.46	5208760.36	3.5540	A	1.8

$$y = 1.4172E-005 * x + 2.1415E-005$$

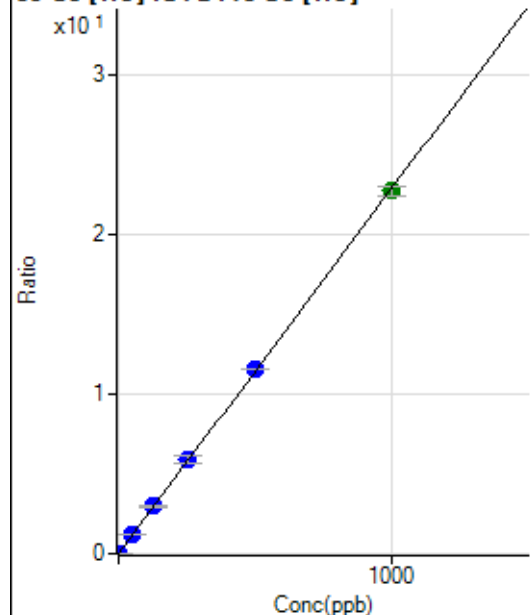
$$R = 0.9999$$

$$DL = 1.997$$

$$BEC = 1.511$$

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	96.67	0.0012	P	21.3
2	☐	0.100					
3	☐	1.000	0.853	1659.00	0.0207	P	10.4
4	☐	50.000	50.987	95476.98	1.1678	P	0.7
5	☐	125.000	130.686	234364.34	2.9914	P	2.7
6	☐	250.000	260.353	473780.17	5.9583	P	8.3
7	☐	500.000	505.355	935733.31	11.5643	P	0.8
8	☐	1000.000	993.975	1847468.78	22.7444	A	2.4
9	☐			21989.65	0.2660	P	0.2

$$y = 0.0229 * x + 0.0012$$

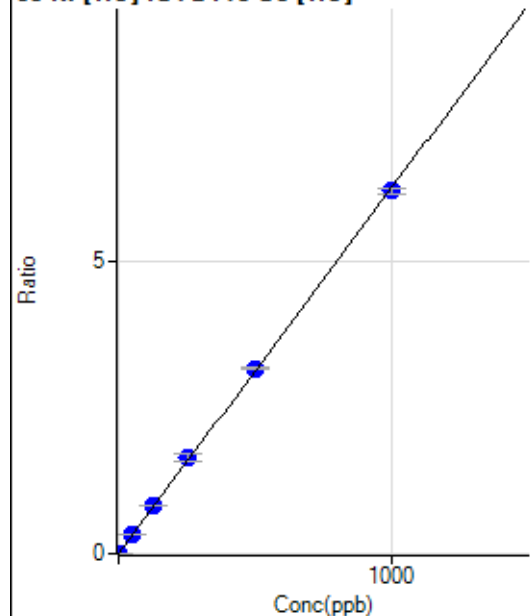
$$R = 0.9999$$

$$DL = 0.03374$$

$$BEC = 0.05279$$

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	32.22	0.0004	P	39.2
2	☐	0.100					
3	☐	1.000	0.936	500.01	0.0063	P	13.3
4	☐	50.000	51.534	26334.91	0.3222	P	1.8
5	☐	125.000	131.719	64449.12	0.8228	P	3.4
6	☐	250.000	263.707	130988.88	1.6469	P	7.6
7	☐	500.000	507.038	256190.40	3.1661	P	1.0
8	☐	1000.000	992.138	503294.90	6.1948	P	1.5
9	☐			4753.07	0.0575	P	1.6

$$y = 0.0062 * x + 4.0765E-004$$

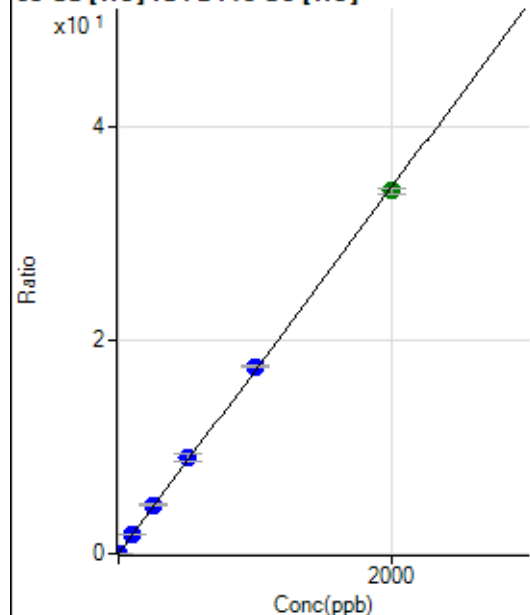
$$R = 0.9998$$

$$DL = 0.07679$$

$$BEC = 0.06529$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	473.35	0.0059	P	16.0
2	☐	0.200					
3	☐	2.000	1.732	2860.32	0.0357	P	5.2
4	☐	100.000	103.414	145692.36	1.7821	P	1.2
5	☐	250.000	264.556	356404.73	4.5498	P	3.3
6	☐	500.000	528.926	722961.40	9.0906	P	7.8
7	☐	1000.000	1020.521	1418835.41	17.5340	P	0.9
8	☐	2000.000	1980.518	2764332.49	34.0225	A	1.4
9	☐			2841.43	0.0344	P	1.2

$$y = 0.0172 * x + 0.0059$$

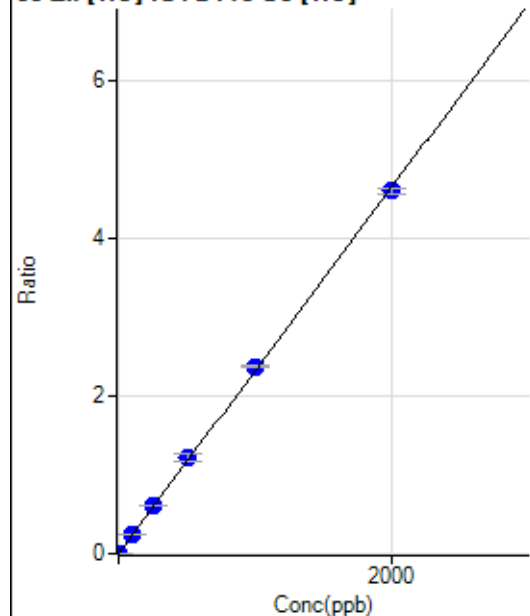
$$R = 0.9998$$

$$DL = 0.1666$$

$$BEC = 0.346$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	67.78	0.0009	P	30.4
2	☐	0.200					
3	☐	2.000	1.689	383.35	0.0048	P	10.5
4	☐	100.000	105.529	20094.61	0.2458	P	0.8
5	☐	250.000	263.952	48057.29	0.6134	P	2.6
6	☐	500.000	527.650	97438.63	1.2253	P	8.0
7	☐	1000.000	1019.088	191428.86	2.3658	P	1.0
8	☐	2000.000	1981.523	373680.64	4.5993	P	1.5
9	☐			2979.25	0.0360	P	1.2

$$y = 0.0023 * x + 8.5699E-004$$

$$R = 0.9998$$

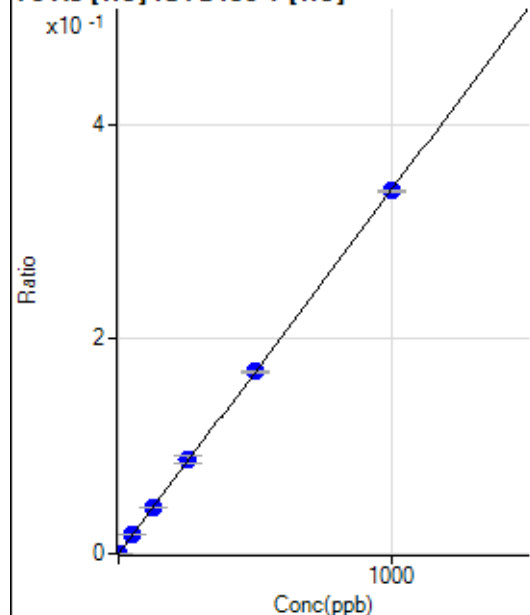
$$DL = 0.337$$

$$BEC = 0.3693$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.00	0.0000	P	48.7
2	☐	0.100					
3	☐	1.000	0.961	141.68	0.0003	P	3.6
4	☐	50.000	51.431	7589.18	0.0174	P	0.6
5	☐	125.000	127.537	18200.42	0.0433	P	2.0
6	☐	250.000	257.300	37086.11	0.0873	P	8.4
7	☐	500.000	500.269	73374.75	0.1697	P	0.4
8	☐	1000.000	997.652	145257.98	0.3384	P	0.8
9	☐			203.02	0.0005	P	12.4

$$y = 3.3920\text{E-}004 * x + 4.6990\text{E-}006$$

$$R = 1.0000$$

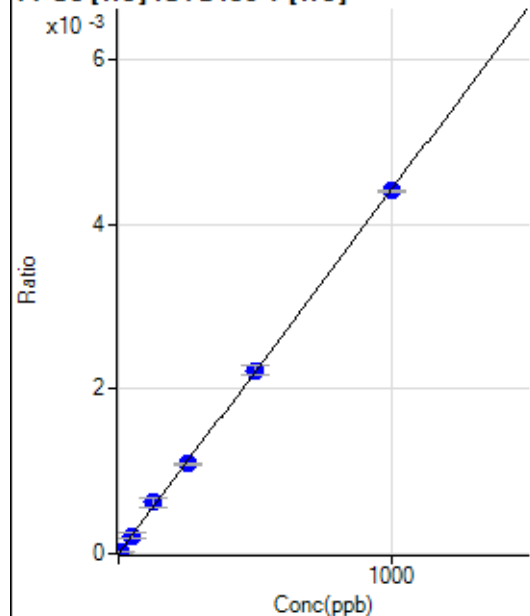
$$DL = 0.02025$$

$$BEC = 0.01385$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	4.643	10.00	0.0000	P	28.7
4	☐	50.000	49.590	96.67	0.0002	P	25.0
5	☐	125.000	140.681	262.23	0.0006	P	17.2
6	☐	250.000	247.374	467.79	0.0011	P	2.1
7	☐	500.000	504.060	965.60	0.0022	P	5.3
8	☐	1000.000	996.689	1893.48	0.0044	P	0.9
9	☐			0.00	0.0000	P	

$$y = 4.4226\text{E-}006 * x + 2.5433\text{E-}006$$

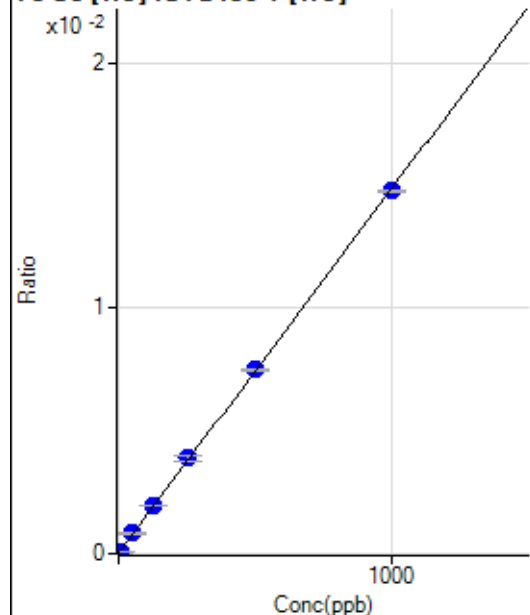
$$R = 0.9998$$

$$DL = 2.988$$

$$BEC = 0.5751$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.67	0.0000	P	34.1
2	☐	0.500					
3	☐	5.000	4.858	41.67	0.0001	P	7.6
4	☐	50.000	54.156	360.71	0.0008	P	5.5
5	☐	125.000	130.993	829.11	0.0020	P	1.4
6	☐	250.000	259.972	1651.94	0.0039	P	6.3
7	☐	500.000	503.841	3244.72	0.0075	P	1.1
8	☐	1000.000	994.630	6350.77	0.0148	P	0.7
9	☐			16.67	0.0000	P	27.6

$$y = 1.4845\text{E-}005 * x + 2.5029\text{E-}005$$

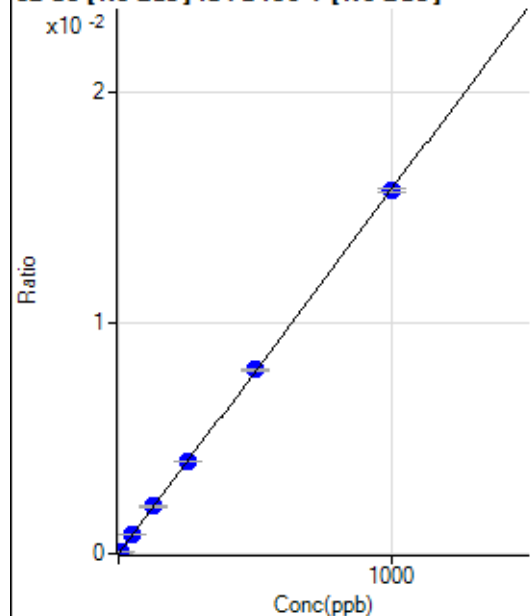
$$R = 0.9999$$

$$DL = 1.726$$

$$BEC = 1.686$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-29.02	0.0000	P	-82.
2	☐	0.500					
3	☐	5.000	5.272	286.51	0.0001	P	7.8
4	☐	50.000	51.457	3019.95	0.0008	P	0.4
5	☐	125.000	129.980	7641.20	0.0020	P	1.7
6	☐	250.000	253.273	15046.00	0.0040	P	1.4
7	☐	500.000	504.772	29908.57	0.0080	P	0.8
8	☐	1000.000	996.099	58712.80	0.0157	P	0.9
9	☐			34.36	0.0000	P	88.5

$$y = 1.5790\text{E-}005 * x - 7.5054\text{E-}006$$

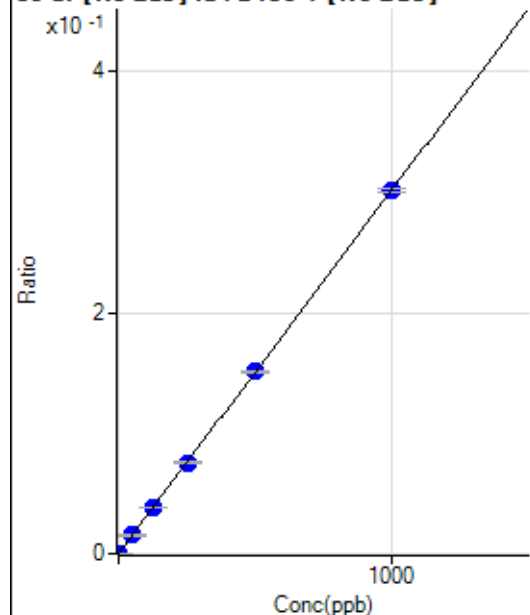
$$R = 1.0000$$

$$DL = 1.176$$

$$BEC = -0.4753$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	486.14	0.0001	P	15.4
2	☐	0.100					
3	☐	1.000	0.823	1411.22	0.0004	P	3.3
4	☐	50.000	50.068	57019.07	0.0152	P	1.8
5	☐	125.000	127.773	144228.25	0.0386	P	1.1
6	☐	250.000	249.767	283936.97	0.0753	P	1.5
7	☐	500.000	501.376	567486.88	0.1511	P	0.7
8	☐	1000.000	999.021	1123854.49	0.3009	P	1.0
9	☐			4884.34	0.0013	P	0.8

$$y = 3.0109\text{E-}004 * x + 1.2503\text{E-}004$$

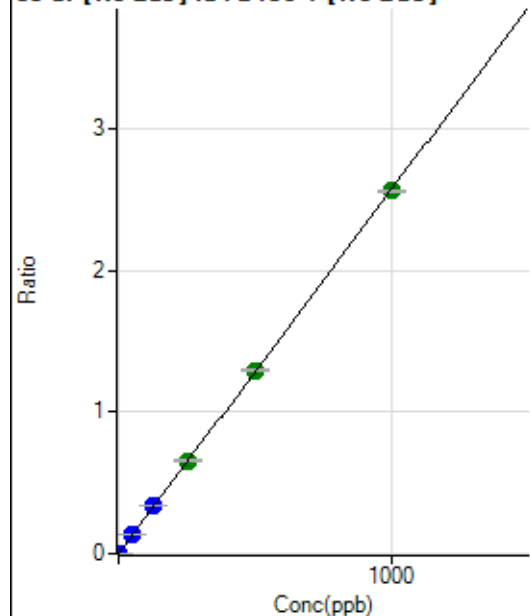
$$R = 1.0000$$

$$DL = 0.1918$$

$$BEC = 0.4152$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	60.3
2	☐	0.100					
3	☐	1.000	0.902	8822.51	0.0023	P	1.8
4	☐	50.000	51.727	499286.62	0.1331	P	0.7
5	☐	125.000	130.347	1253193.43	0.3354	P	0.6
6	☐	250.000	254.412	2467000.58	0.6545	A	2.1
7	☐	500.000	504.128	4871724.59	1.2970	A	0.3
8	☐	1000.000	996.078	9570988.15	2.5626	A	0.9
9	☐			41703.14	0.0111	P	0.6

$$y = 0.0026 * x + 1.0755\text{E-}005$$

$$R = 1.0000$$

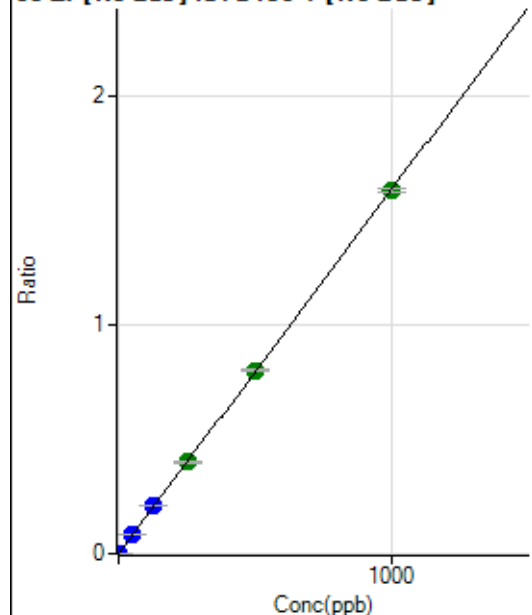
$$DL = 0.007564$$

$$BEC = 0.00418$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.57	0.0001	P	6.3
2	☐	0.100					
3	☐	1.000	0.867	5481.80	0.0014	P	0.8
4	☐	50.000	51.655	308006.13	0.0821	P	1.4
5	☐	125.000	130.880	777025.44	0.2079	P	0.4
6	☐	250.000	252.757	1513281.14	0.4015	A	1.8
7	☐	500.000	504.126	3007403.69	0.8007	A	1.8
8	☐	1000.000	996.430	5910529.17	1.5825	A	1.2
9	☐			1783.50	0.0005	P	10.9

$$y = 0.0016 * x + 7.2199E-005$$

$$R = 1.0000$$

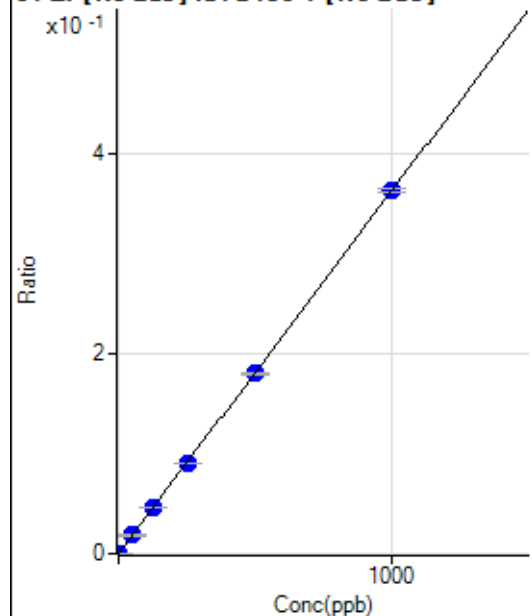
$$DL = 0.008625$$

$$BEC = 0.04546$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	19.0
2	☐	0.100					
3	☐	1.000	0.865	1261.20	0.0003	P	5.2
4	☐	50.000	50.599	68977.28	0.0184	P	2.3
5	☐	125.000	127.363	172859.07	0.0463	P	0.3
6	☐	250.000	248.529	340177.24	0.0902	P	1.2
7	☐	500.000	498.035	679179.28	0.1808	P	1.0
8	☐	1000.000	1001.025	1357292.69	0.3634	P	1.1
9	☐			405.57	0.0001	P	8.8

$$y = 3.6303E-004 * x + 1.9294E-005$$

$$R = 1.0000$$

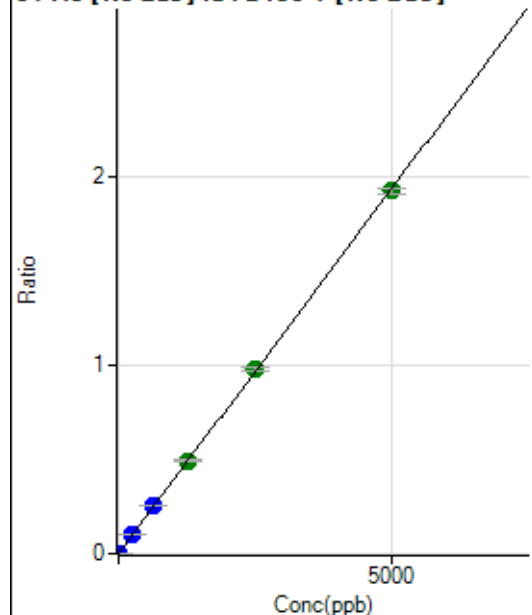
$$DL = 0.03036$$

$$BEC = 0.05315$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	22.7
2	☐	1.000					
3	☐	10.000	4.550	6779.66	0.0018	P	3.3
4	☐	250.000	258.639	375138.78	0.1000	P	1.0
5	☐	625.000	654.608	945619.33	0.2530	P	1.0
6	☐	1250.000	1274.474	1856849.76	0.4926	A	1.8
7	☐	2500.000	2531.650	3675370.31	0.9786	A	2.0
8	☐	5000.000	4973.935	7179883.15	1.9225	A	1.6
9	☐			1722.38	0.0005	P	6.8

$$y = 3.8652\text{E-}004 * x + 3.3606\text{E-}005$$

$$R = 0.9999$$

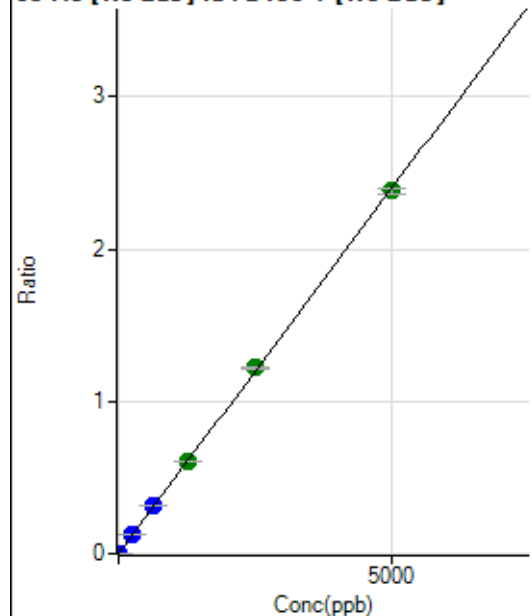
$$DL = 0.0593$$

$$BEC = 0.08695$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	33.6
2	☐	1.000					
3	☐	10.000	4.610	8394.50	0.0022	P	1.2
4	☐	250.000	255.655	459467.80	0.1225	P	1.4
5	☐	625.000	649.163	1162191.14	0.3110	P	0.6
6	☐	1250.000	1272.214	2297572.73	0.6095	A	0.5
7	☐	2500.000	2542.994	4576166.51	1.2183	A	0.4
8	☐	5000.000	4969.657	8891649.94	2.3808	A	1.3
9	☐			1658.49	0.0004	P	6.9

$$y = 4.7907\text{E-}004 * x + 1.0030\text{E-}005$$

$$R = 0.9999$$

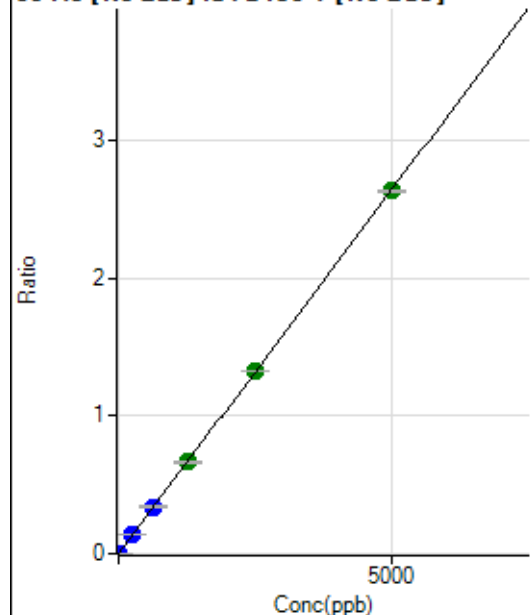
$$DL = 0.02109$$

$$BEC = 0.02094$$

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	80.56	0.0000	P	33.3
2	☐	1.000					
3	☐	10.000	4.755	9592.52	0.0025	P	4.9
4	☐	250.000	255.645	507260.14	0.1352	P	1.7
5	☐	625.000	645.849	1276534.26	0.3416	P	0.8
6	☐	1250.000	1263.223	2518494.26	0.6681	A	1.5
7	☐	2500.000	2510.488	4987420.29	1.3278	A	0.7
8	☐	5000.000	4988.573	9854106.47	2.6384	A	0.7
9	☐			3158.79	0.0008	P	4.7

$$y = 5.2889\text{E-}004 * x + 2.0724\text{E-}005$$

$$R = 1.0000$$

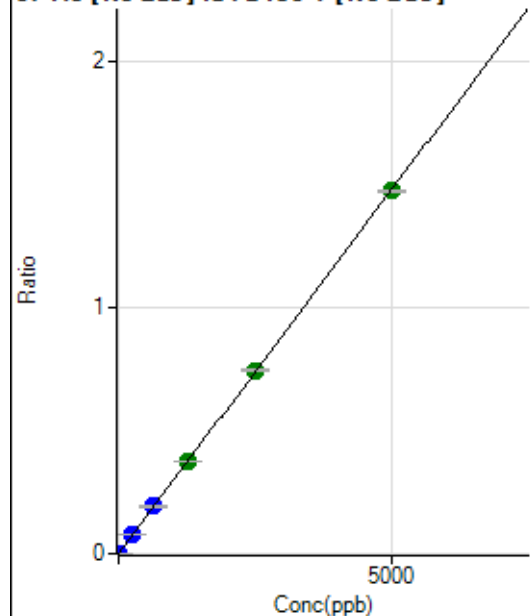
$$DL = 0.03911$$

$$BEC = 0.03918$$

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	58.33	0.0000	P	13.5
2	☐	1.000					
3	☐	10.000	4.696	5312.28	0.0014	P	2.3
4	☐	250.000	257.346	285596.75	0.0761	P	1.4
5	☐	625.000	651.950	720669.47	0.1929	P	1.6
6	☐	1250.000	1266.311	1411904.10	0.3746	A	1.4
7	☐	2500.000	2513.329	2792377.75	0.7434	A	0.9
8	☐	5000.000	4985.532	5507670.09	1.4747	A	0.9
9	☐			1161.19	0.0003	P	10.2

$$y = 2.9579\text{E-}004 * x + 1.5000\text{E-}005$$

$$R = 1.0000$$

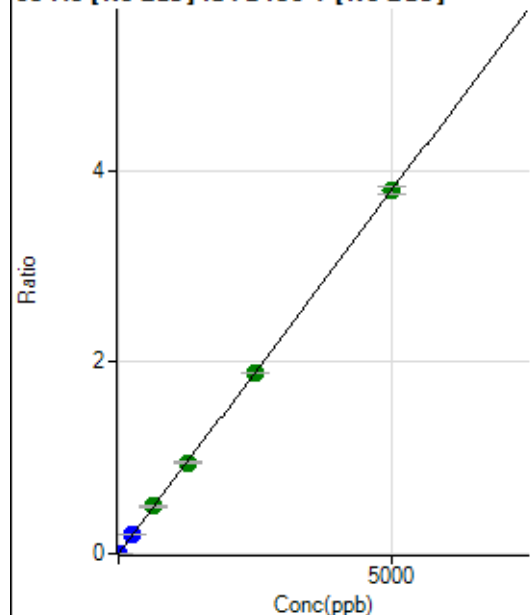
$$DL = 0.02056$$

$$BEC = 0.05071$$

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	44.44	0.0000	P	28.7
2	☐	1.000					
3	☐	10.000	4.657	13404.12	0.0035	P	1.2
4	☐	250.000	257.342	731859.57	0.1951	P	1.6
5	☐	625.000	649.113	1838949.93	0.4921	A	0.9
6	☐	1250.000	1257.450	3593030.81	0.9533	A	2.2
7	☐	2500.000	2495.838	7107155.02	1.8921	A	0.2
8	☐	5000.000	4996.848	14146479.48	3.7881	A	2.1
9	☐			2633.66	0.0007	P	3.6

$$y = 7.5810E-004 * x + 1.1435E-005$$

$$R = 1.0000$$

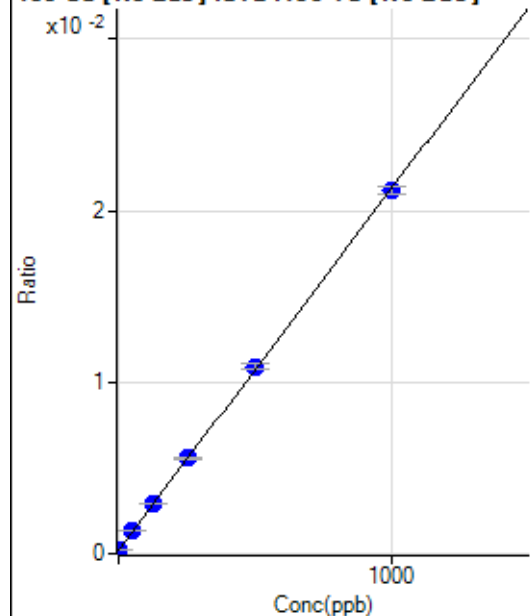
$$DL = 0.013$$

$$BEC = 0.01508$$

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	947.28	0.0002	P	5.8
2	☐	0.100					
3	☐	1.000	0.207	938.95	0.0002	P	10.4
4	☐	50.000	53.878	6154.35	0.0013	P	3.2
5	☐	125.000	130.257	13640.52	0.0029	P	1.2
6	☐	250.000	255.505	25850.34	0.0056	P	1.5
7	☐	500.000	507.685	50622.92	0.0109	P	2.7
8	☐	1000.000	993.931	98006.34	0.0212	P	2.1
9	☐			1047.29	0.0002	P	4.8

$$y = 2.1080E-005 * x + 1.9891E-004$$

$$R = 0.9999$$

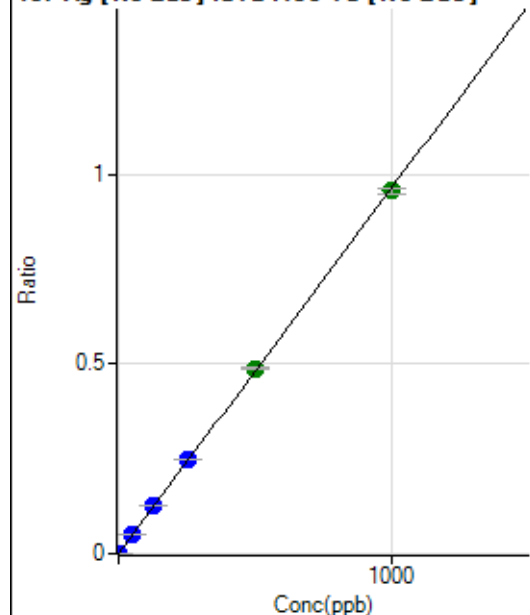
$$DL = 1.632$$

$$BEC = 9.436$$

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	11.11	0.0000	P	114.
2	☐	0.100					
3	☐	1.000	1.070	4767.67	0.0010	P	3.7
4	☐	50.000	52.861	234610.09	0.0509	P	1.2
5	☐	125.000	132.108	588929.23	0.1271	P	1.1
6	☐	250.000	259.363	1155343.81	0.2496	P	0.7
7	☐	500.000	507.717	2269108.36	0.4886	A	0.4
8	☐	1000.000	992.769	4427217.20	0.9554	A	1.4
9	☐			3403.37	0.0007	P	38.3

$$y = 9.6233\text{E-}004 * x + 2.3282\text{E-}006$$

$$R = 0.9999$$

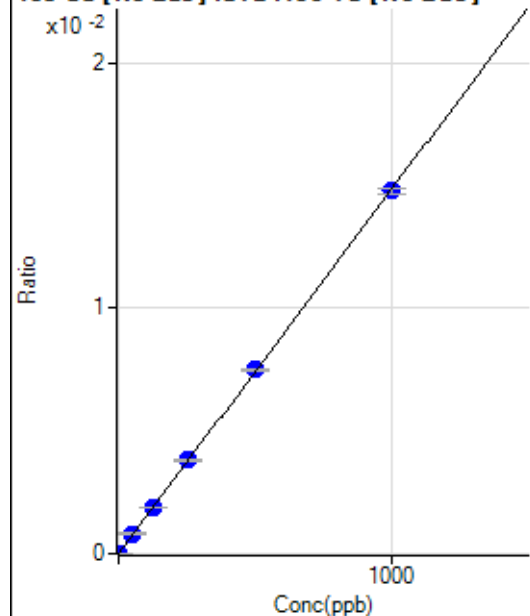
$$DL = 0.008315$$

$$BEC = 0.002419$$

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	2.78	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.976	69.45	0.0000	P	30.7
4	☐	50.000	54.044	3697.78	0.0008	P	6.6
5	☐	125.000	125.444	8620.90	0.0019	P	0.6
6	☐	250.000	256.924	17638.05	0.0038	P	1.4
7	☐	500.000	504.130	34719.51	0.0075	P	0.7
8	☐	1000.000	995.946	68442.79	0.0148	P	1.5
9	☐			11.11	0.0000	P	21.3

$$y = 1.4829\text{E-}005 * x + 5.8439\text{E-}007$$

$$R = 1.0000$$

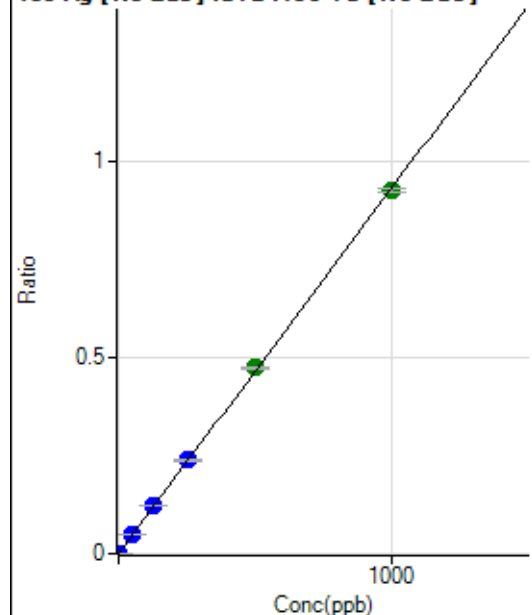
$$DL = 0.1024$$

$$BEC = 0.03941$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.6
2	☐	0.100					
3	☐	1.000	1.085	4689.83	0.0010	P	5.9
4	☐	50.000	52.157	224305.87	0.0486	P	1.4
5	☐	125.000	130.982	565799.73	0.1221	P	1.1
6	☐	250.000	255.509	1102820.91	0.2383	P	1.5
7	☐	500.000	509.174	2204952.05	0.4748	A	1.1
8	☐	1000.000	993.180	4291824.40	0.9261	A	0.9
9	☐			3061.58	0.0007	P	31.3

$$y = 9.3247\text{E-}004 * x + 4.0825\text{E-}006$$

$$R = 0.9999$$

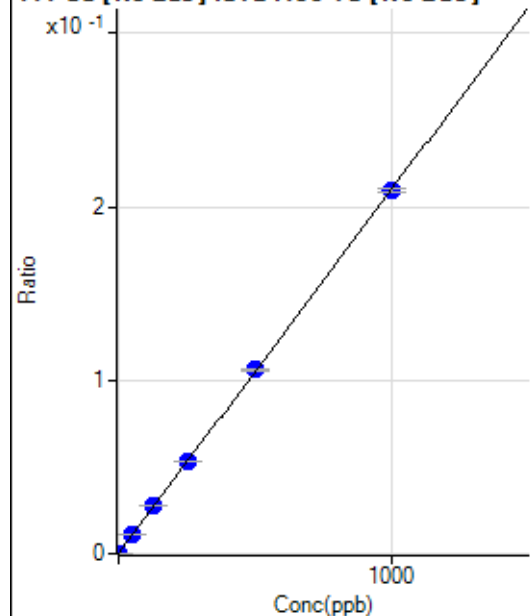
$$DL = 0.003227$$

$$BEC = 0.004378$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	668.09	0.0001	P	6.2
2	☐	0.100					
3	☐	1.000	0.876	1496.19	0.0003	P	2.1
4	☐	50.000	51.640	50603.60	0.0110	P	0.8
5	☐	125.000	129.692	126674.48	0.0273	P	1.1
6	☐	250.000	254.293	247561.09	0.0535	P	0.7
7	☐	500.000	504.105	491734.42	0.1059	P	0.4
8	☐	1000.000	996.206	969039.13	0.2091	P	1.2
9	☐			837.83	0.0002	P	3.3

$$y = 2.0977\text{E-}004 * x + 1.4029\text{E-}004$$

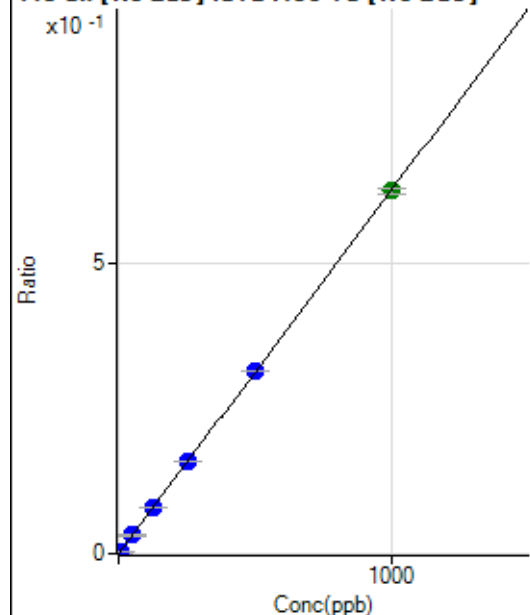
$$R = 1.0000$$

$$DL = 0.1251$$

$$BEC = 0.6688$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.78	0.0000	P	13.5
2	☐	0.500					
3	☐	5.000	4.648	13587.80	0.0029	P	3.6
4	☐	50.000	50.299	145453.73	0.0315	P	1.2
5	☐	125.000	127.351	369694.20	0.0798	P	1.1
6	☐	250.000	253.258	734433.88	0.1587	P	0.7
7	☐	500.000	501.528	1459018.15	0.3142	P	0.4
8	☐	1000.000	998.114	2897338.00	0.6252	A	1.3
9	☐			994.51	0.0002	P	11.5

$$y = 6.2637\text{E-}004 * x + 3.2075\text{E-}005$$

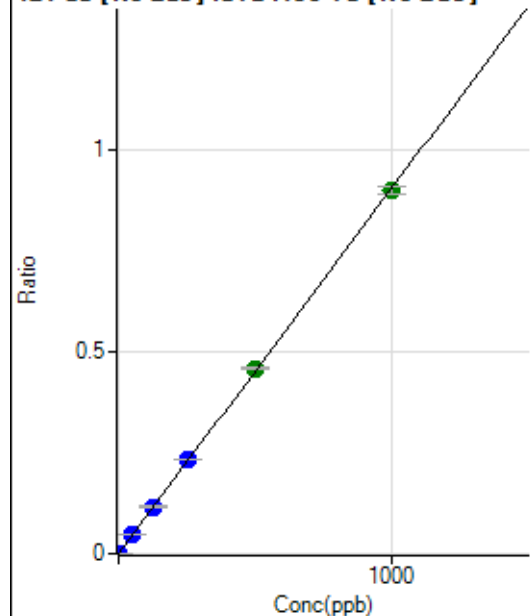
$$R = 1.0000$$

$$DL = 0.02072$$

$$BEC = 0.05121$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.8
2	☐	0.200					
3	☐	2.000	1.739	7260.51	0.0016	P	2.9
4	☐	50.000	51.299	213560.96	0.0463	P	0.9
5	☐	125.000	128.460	537132.13	0.1160	P	1.5
6	☐	250.000	256.711	1072598.24	0.2317	P	0.8
7	☐	500.000	508.207	2130226.22	0.4587	A	1.8
8	☐	1000.000	993.722	4156417.54	0.8970	A	2.0
9	☐			5148.35	0.0011	P	3.6

$$y = 9.0264\text{E-}004 * x + 2.9215\text{E-}006$$

$$R = 0.9999$$

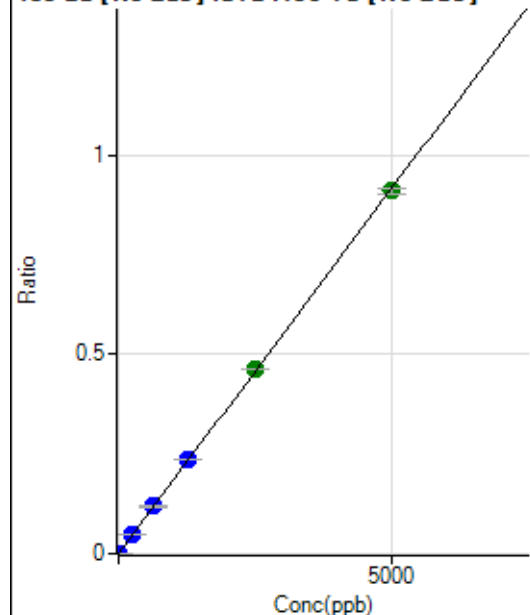
$$DL = 0.008912$$

$$BEC = 0.003237$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.66	0.0000	P	86.5
2	☐	1.000					
3	☐	10.000	9.354	7916.43	0.0017	P	1.1
4	☐	250.000	259.209	218714.30	0.0474	P	1.1
5	☐	625.000	648.091	549219.83	0.1186	P	2.0
6	☐	1250.000	1298.576	1099701.44	0.2376	P	0.7
7	☐	2500.000	2529.210	2148924.18	0.4627	A	0.1
8	☐	5000.000	4969.906	4213458.30	0.9092	A	1.4
9	☐			663.92	0.0001	P	10.5

$$y = 1.8295E-004 * x + 3.4961E-006$$

$$R = 0.9999$$

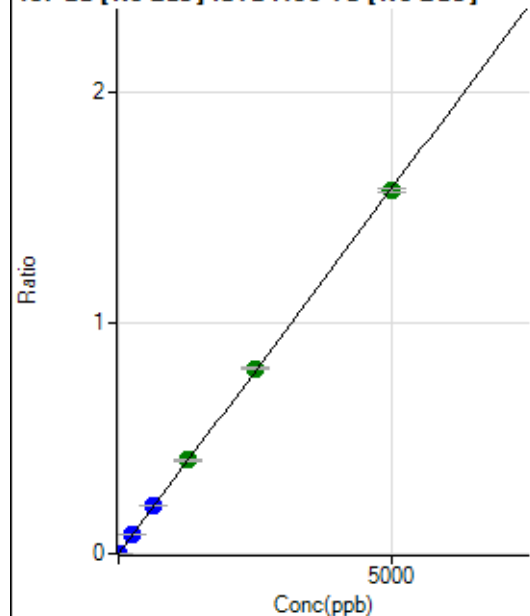
$$DL = 0.04957$$

$$BEC = 0.01911$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	35.2
2	☐	1.000					
3	☐	10.000	9.171	13423.80	0.0029	P	1.2
4	☐	250.000	260.623	380080.64	0.0824	P	1.3
5	☐	625.000	655.971	960853.68	0.2074	P	1.3
6	☐	1250.000	1279.833	1873214.08	0.4047	A	1.0
7	☐	2500.000	2538.410	3727511.59	0.8027	A	0.9
8	☐	5000.000	4968.936	7281089.83	1.5712	A	1.1
9	☐			994.51	0.0002	P	9.4

$$y = 3.1620E-004 * x + 7.5819E-006$$

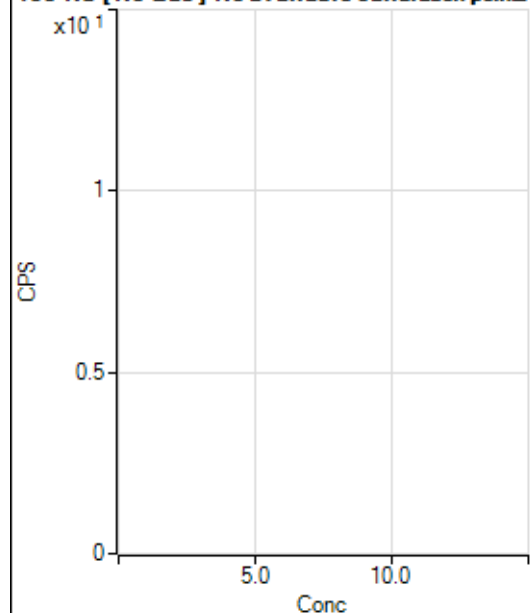
$$R = 0.9999$$

$$DL = 0.02529$$

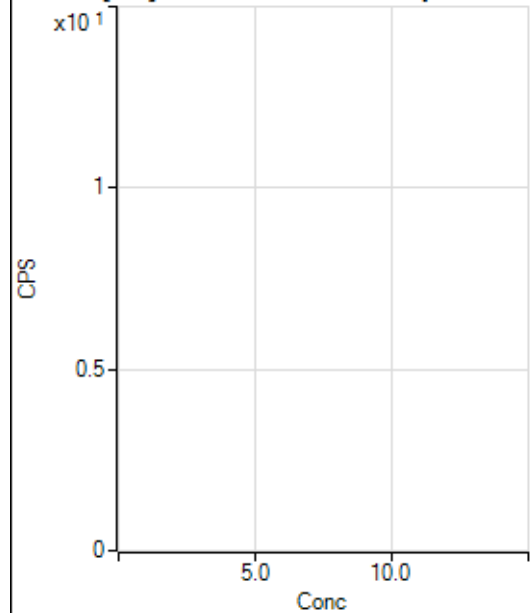
$$BEC = 0.02398$$

Weight: <None>

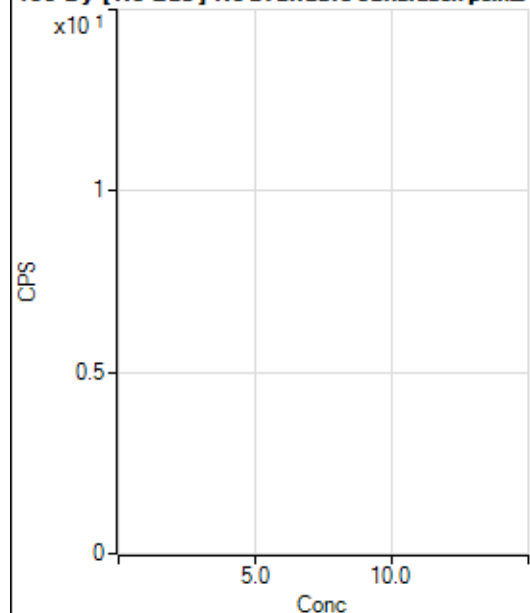
Min Conc: 0

150 Nd [No Gas] No available calibration points

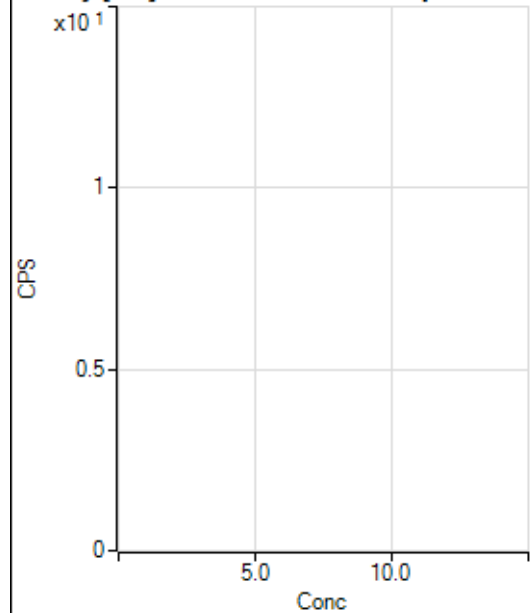
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			0.00		P	
4	☐			6.67		P	173.
5	☐			28.89		P	58.1
6	☐			55.56		P	61.6
7	☐			106.67		P	0.0
8	☐			144.45		P	14.1
9	☐			73.33		P	24.1

150 Nd [He] No available calibration points

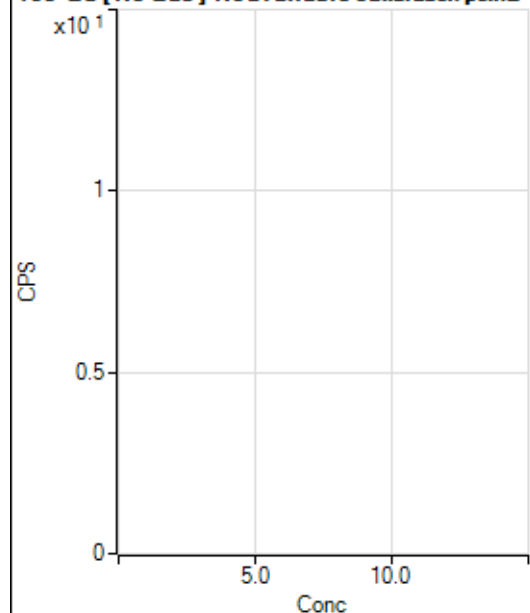
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	173.
4	☐			0.00		P	
5	☐			3.33		P	0.0
6	☐			6.67		P	50.0
7	☐			1.11		P	173.
8	☐			7.78		P	89.2
9	☐			24.44		P	31.5

156 Dy [No Gas] No available calibration points

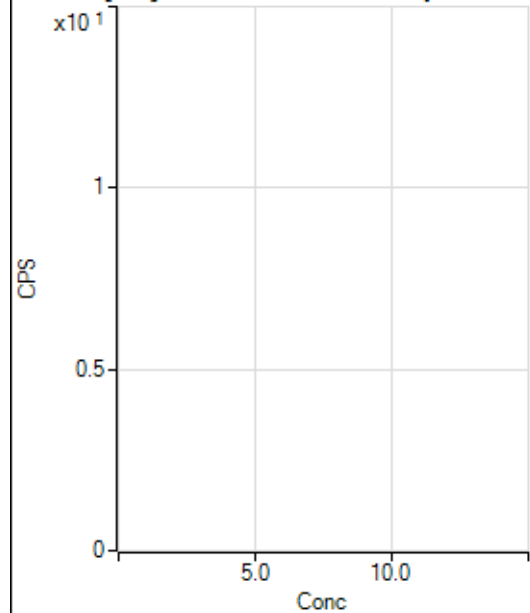
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	86.6
2	☐						
3	☐			8.33		P	0.0
4	☐			38.89		P	24.7
5	☐			19.45		P	107.
6	☐			36.11		P	70.5
7	☐			33.33		P	43.3
8	☐			69.45		P	18.3
9	☐			50.00		P	28.9

156 Dy [He] No available calibration points

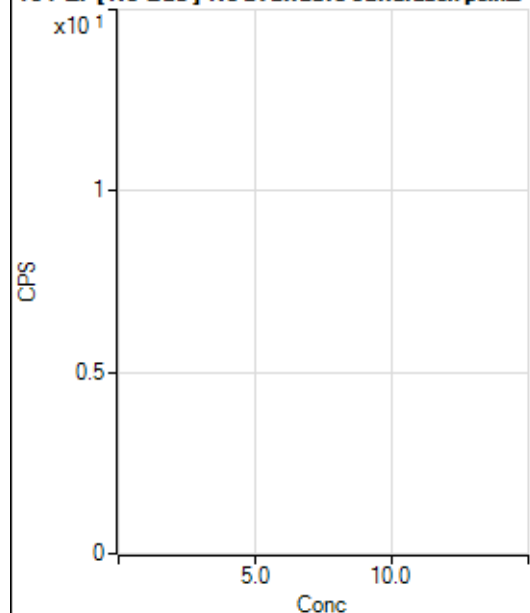
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	100.
5	☐			3.33		P	173.
6	☐			5.56		P	34.7
7	☐			6.66		P	86.6
8	☐			7.78		P	107.
9	☐			21.11		P	39.7

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

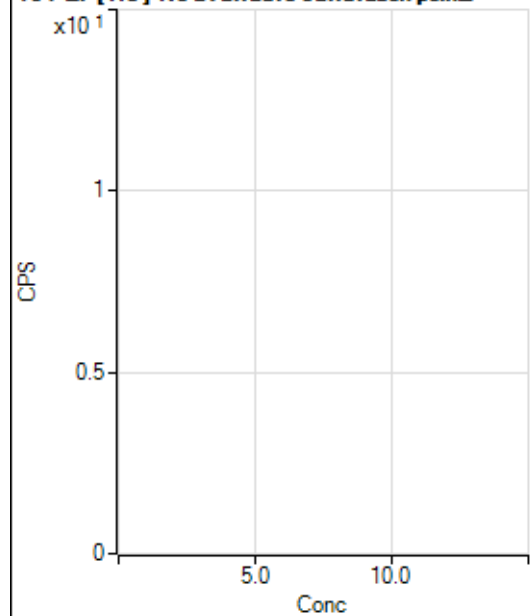
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	137.
2	☐						
3	☐			19.44		P	49.5
4	☐			16.67		P	86.6
5	☐			19.45		P	24.7
6	☐			30.56		P	41.7
7	☐			19.44		P	137.
8	☐			33.34		P	43.3
9	☐			63.89		P	32.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐						
3	☐			15.55		P	44.6
4	☐			8.89		P	57.3
5	☐			8.89		P	94.4
6	☐			8.89		P	108.
7	☐			16.67		P	40.0
8	☐			11.11		P	45.8
9	☐			23.33		P	24.7

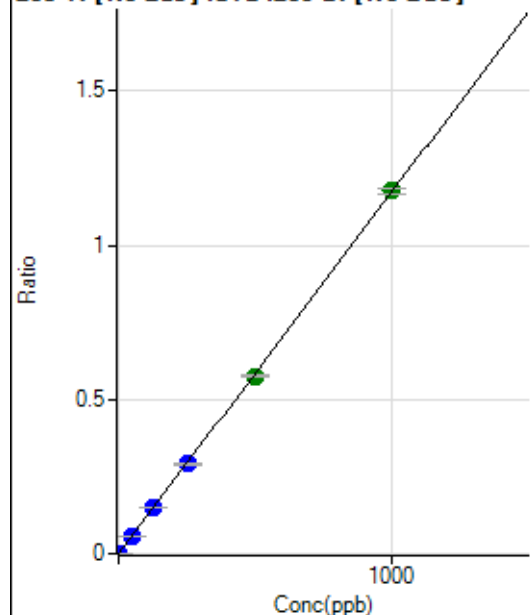
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			27.78		P	75.5
4	☐			19.44		P	49.5
5	☐			13.89		P	69.3
6	☐			19.44		P	65.5
7	☐			19.45		P	24.7
8	☐			27.78		P	62.5
9	☐			30.56		P	83.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	96.4
2	☐						
3	☐			2.22		P	86.6
4	☐			3.33		P	0.0
5	☐			5.55		P	69.3
6	☐			4.44		P	43.4
7	☐			8.89		P	21.6
8	☐			5.56		P	91.6
9	☐			5.56		P	34.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	27.5
2	☐	0.100					
3	☐	1.000	0.820	2797.61	0.0010	P	6.0
4	☐	50.000	49.348	165446.37	0.0578	P	0.0
5	☐	125.000	125.344	419388.92	0.1468	P	0.3
6	☐	250.000	248.196	830247.69	0.2907	P	0.7
7	☐	500.000	492.327	1653433.33	0.5767	A	0.9
8	☐	1000.000	1004.277	3297652.81	1.1764	A	1.4
9	☐			444.46	0.0002	P	13.8

$$y = 0.0012 * x + 1.2289E-005$$

$$R = 1.0000$$

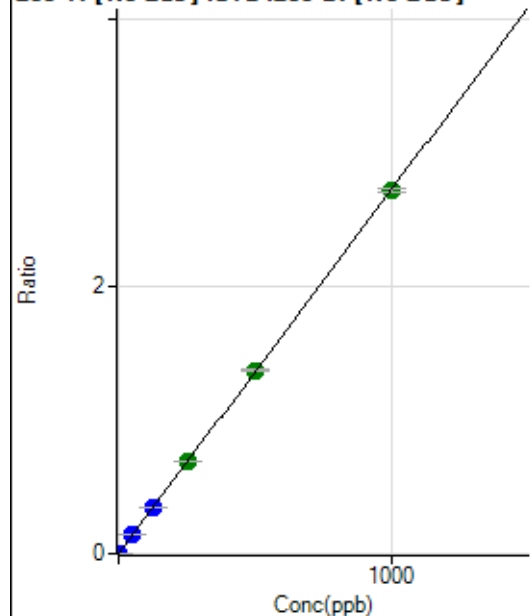
$$DL = 0.008665$$

$$BEC = 0.01049$$

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	80.56	0.0000	P	40.5
2	☐	0.100					
3	☐	1.000	0.870	6879.83	0.0024	P	1.4
4	☐	50.000	50.588	393774.72	0.1376	P	1.0
5	☐	125.000	129.068	1002636.62	0.3511	P	0.4
6	☐	250.000	254.617	1977501.89	0.6925	A	0.3
7	☐	500.000	503.826	3928316.93	1.3703	A	1.7
8	☐	1000.000	996.395	7596297.13	2.7099	A	1.0
9	☐			1200.10	0.0004	P	6.8

$$y = 0.0027 * x + 2.7448E-005$$

$$R = 1.0000$$

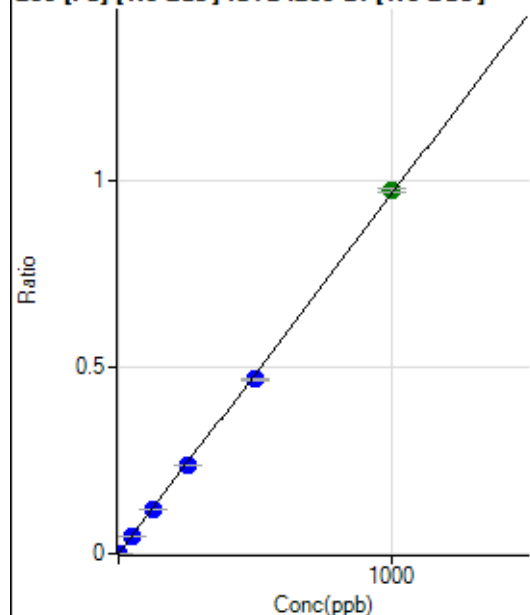
$$DL = 0.01225$$

$$BEC = 0.01009$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	185.19	0.0001	P	9.7
2	☐	0.100					
3	☐	1.000	0.846	2528.08	0.0009	P	1.8
4	☐	50.000	48.375	133683.14	0.0467	P	1.5
5	☐	125.000	122.832	338531.56	0.1185	P	0.1
6	☐	250.000	243.838	671716.22	0.2352	P	0.3
7	☐	500.000	485.688	1343080.53	0.4685	P	1.3
8	☐	1000.000	1009.049	2728153.80	0.9732	A	1.0
9	☐			3172.68	0.0012	P	0.6

$$y = 9.6444\text{E-}004 * x + 6.2938\text{E-}005$$

$$R = 0.9998$$

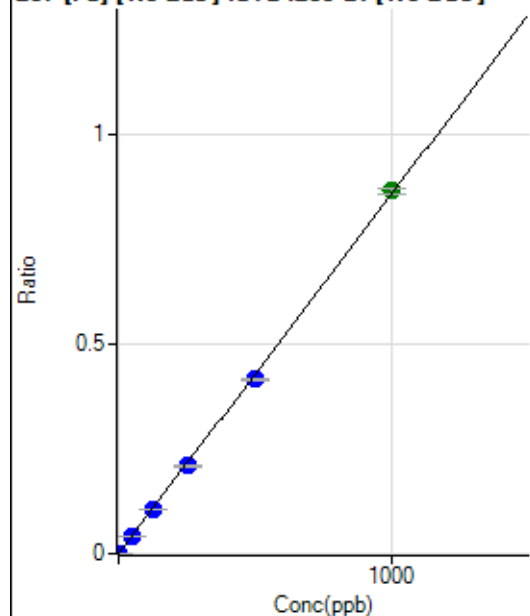
$$DL = 0.01902$$

$$BEC = 0.06526$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	137.04	0.0000	P	16.5
2	☐	0.100					
3	☐	1.000	0.809	2128.00	0.0007	P	9.2
4	☐	50.000	48.802	119968.87	0.0419	P	0.6
5	☐	125.000	122.885	301314.85	0.1055	P	0.2
6	☐	250.000	243.425	596621.23	0.2089	P	0.6
7	☐	500.000	484.884	1193044.36	0.4161	P	0.8
8	☐	1000.000	1009.526	2428460.27	0.8663	A	1.2
9	☐			2846.67	0.0011	P	6.5

$$y = 8.5812\text{E-}004 * x + 4.6546\text{E-}005$$

$$R = 0.9998$$

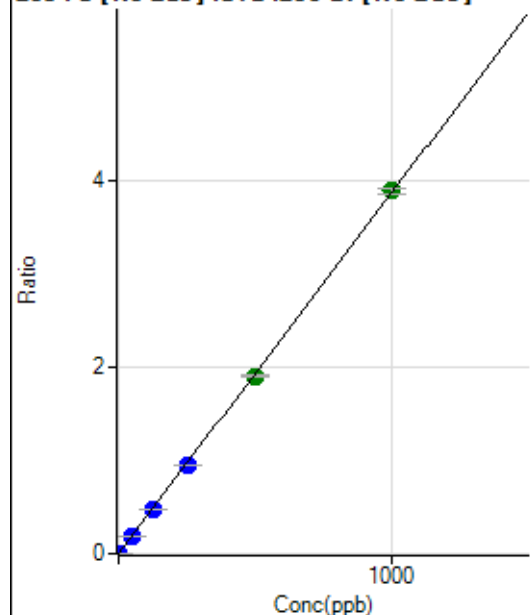
$$DL = 0.02683$$

$$BEC = 0.05424$$

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	696.31	0.0002	P	9.1
2	☐	0.100					
3	☐	1.000	0.842	10046.21	0.0035	P	3.9
4	☐	50.000	48.519	537526.04	0.1878	P	0.6
5	☐	125.000	122.739	1356190.24	0.4748	P	0.3
6	☐	250.000	244.457	2699898.17	0.9455	P	0.2
7	☐	500.000	492.281	5458049.66	1.9038	A	0.7
8	☐	1000.000	1005.602	10900198.28	3.8887	A	1.4
9	☐			12682.31	0.0047	P	2.0

$$y = 0.0039 * x + 2.3652E-004$$

$$R = 0.9999$$

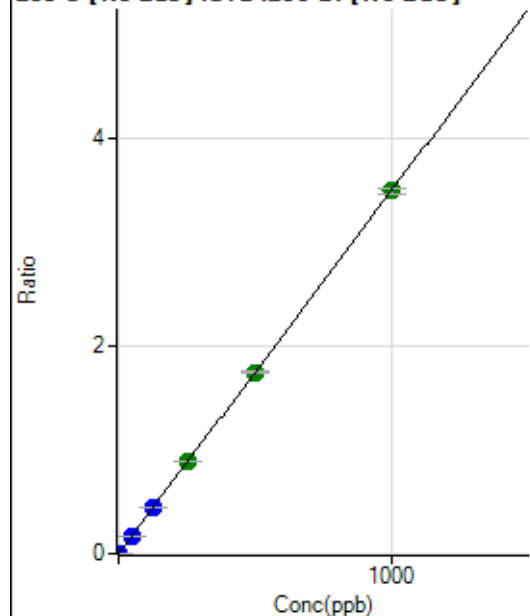
$$DL = 0.01676$$

$$BEC = 0.06117$$

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	47.22	0.0000	P	11.2
2	☐	0.100					
3	☐	1.000	0.808	8166.81	0.0028	P	3.1
4	☐	50.000	49.030	490591.16	0.1714	P	0.6
5	☐	125.000	125.212	1250452.31	0.4378	P	0.1
6	☐	250.000	253.648	2532454.25	0.8869	A	0.6
7	☐	500.000	499.611	5008228.33	1.7468	A	1.1
8	☐	1000.000	999.304	9794075.91	3.4940	A	1.3
9	☐			650.04	0.0002	P	11.1

$$y = 0.0035 * x + 1.6051E-005$$

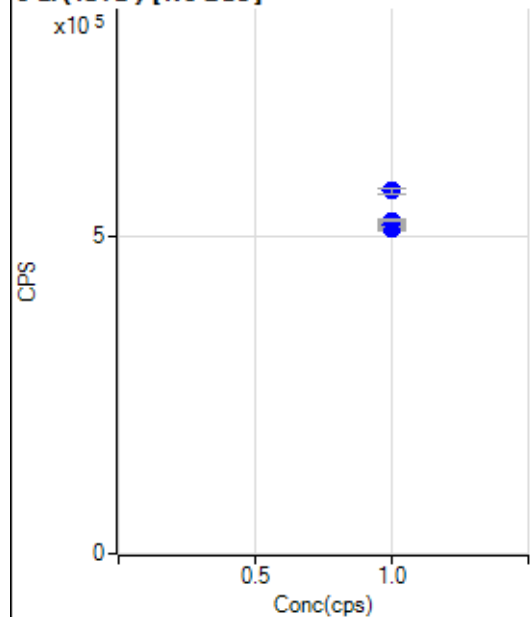
$$R = 1.0000$$

$$DL = 0.001546$$

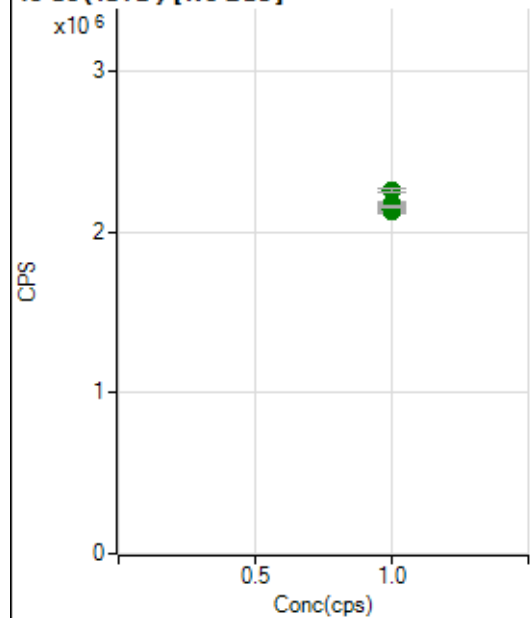
$$BEC = 0.004591$$

Weight: <None>

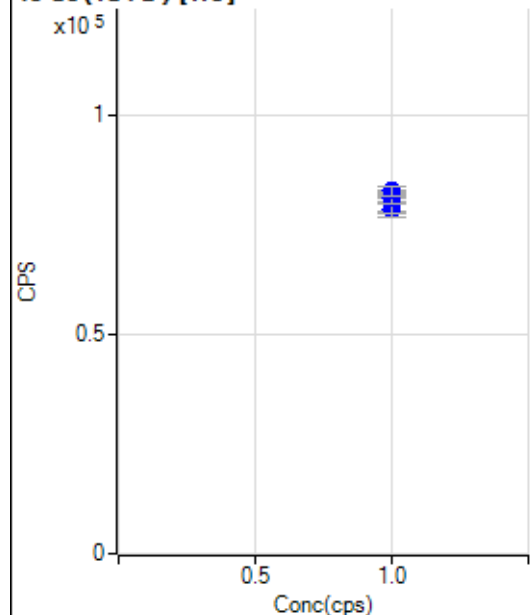
Min Conc: 0

6 Li (ISTD) [No Gas]

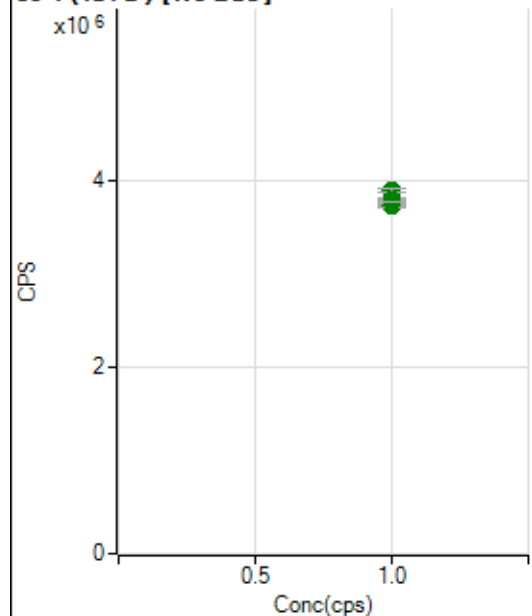
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		523577.51		P	0.2
2	☐	1.000					
3	☐	1.000		512966.92		P	1.1
4	☐	1.000		514932.01		P	1.3
5	☐	1.000		518724.77		P	1.4
6	☐	1.000		525201.58		P	0.3
7	☐	1.000		523220.34		P	0.8
8	☐	1.000		525077.10		P	0.4
9	☐	1.000		571424.84		P	1.4

45 Sc (ISTD) [No Gas]

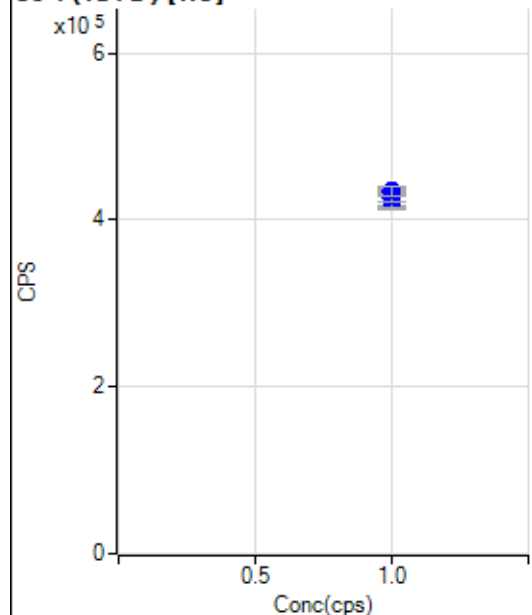
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2162274.60		A	1.5
2	☐	1.000					
3	☐	1.000		2180600.54		A	0.5
4	☐	1.000		2124347.38		A	1.3
5	☐	1.000		2173258.54		A	1.4
6	☐	1.000		2160737.21		A	1.8
7	☐	1.000		2142289.36		A	1.4
8	☐	1.000		2153964.34		A	0.6
9	☐	1.000		2255450.05		A	1.1

45 Sc (ISTD) [He]

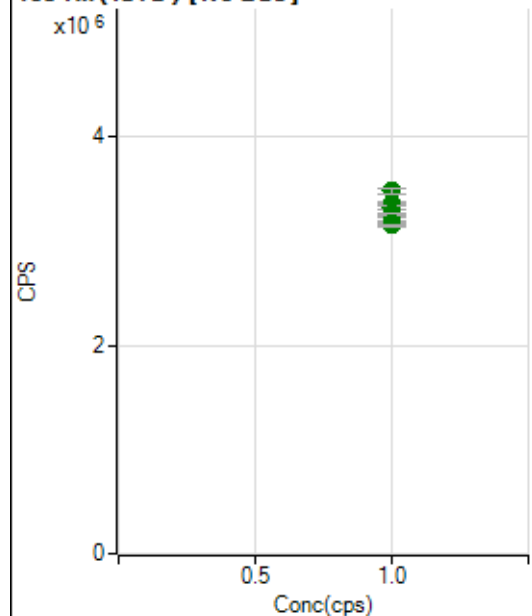
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		79573.43		P	4.0
2	☐	1.000					
3	☐	1.000		80314.02		P	5.9
4	☐	1.000		81762.16		P	1.8
5	☐	1.000		78403.69		P	4.1
6	☐	1.000		79772.81		P	6.1
7	☐	1.000		80926.41		P	2.4
8	☐	1.000		81272.00		P	3.4
9	☐	1.000		82666.49		P	2.8

89 Y (ISTD) [No Gas]

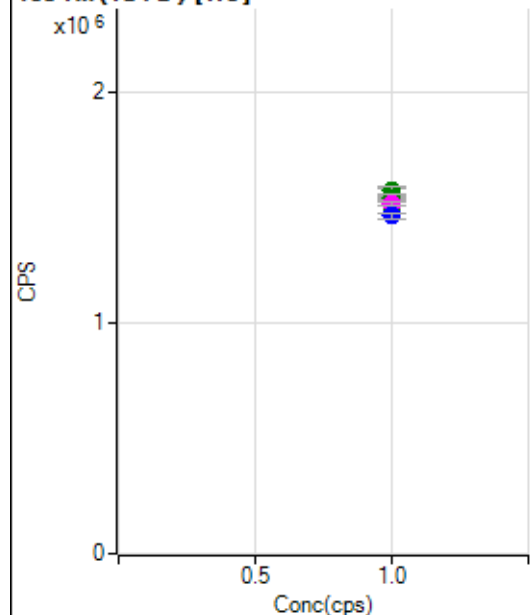
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3886336.71		A	1.0
2	☐	1.000					
3	☐	1.000		3783870.50		A	1.0
4	☐	1.000		3751547.76		A	1.0
5	☐	1.000		3736956.40		A	0.3
6	☐	1.000		3769876.23		A	1.5
7	☐	1.000		3756212.51		A	0.6
8	☐	1.000		3735069.15		A	1.2
9	☐	1.000		3767354.60		A	0.2

89 Y (ISTD) [He]

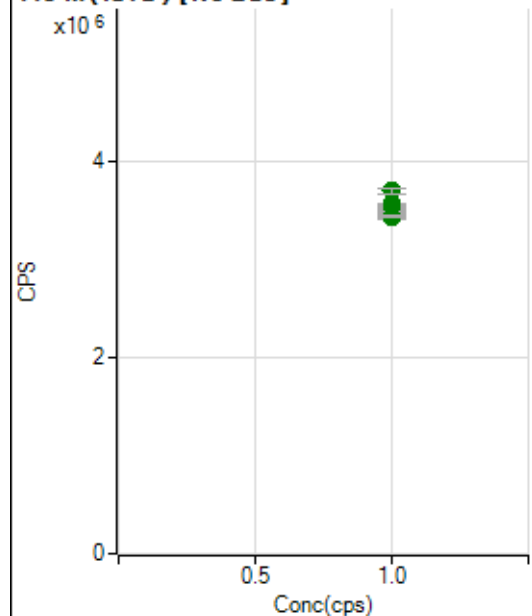
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		425481.30		P	3.8
2	☐	1.000					
3	☐	1.000		429081.35		P	5.6
4	☐	1.000		434887.72		P	1.6
5	☐	1.000		420864.24		P	3.3
6	☐	1.000		426324.54		P	6.1
7	☐	1.000		432401.15		P	1.9
8	☐	1.000		429316.79		P	3.3
9	☐	1.000		434543.22		P	2.6

103 Rh (ISTD) [No Gas]

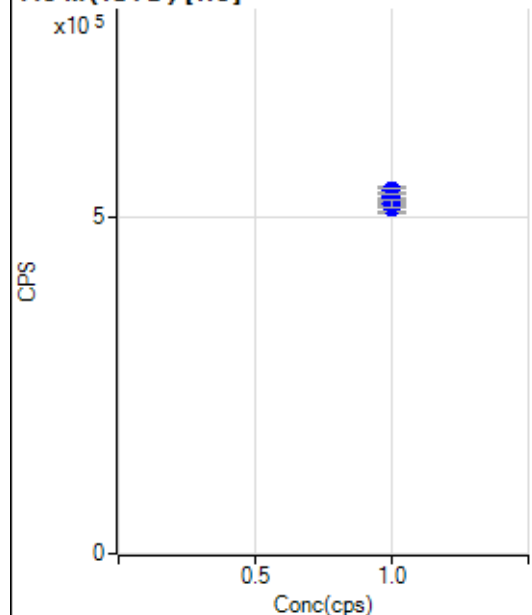
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3481873.52		A	1.6
2	☐	1.000					
3	☐	1.000		3362711.88		A	0.7
4	☐	1.000		3353402.24		A	0.9
5	☐	1.000		3325451.53		A	1.0
6	☐	1.000		3247004.30		A	1.0
7	☐	1.000		3264237.90		A	0.6
8	☐	1.000		3179258.03		A	0.8
9	☐	1.000		3148150.87		A	0.2

103 Rh (ISTD) [He]

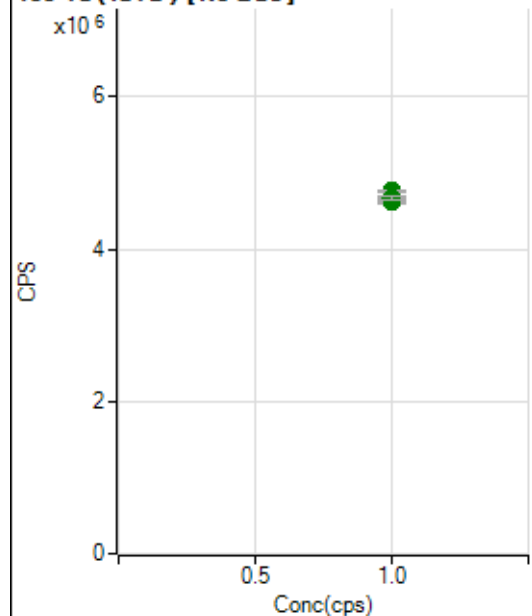
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1559401.45		M	3.1
2	☐	1.000					
3	☐	1.000		1550761.11		A	5.7
4	☐	1.000		1573785.05		A	2.4
5	☐	1.000		1509892.70		A	4.0
6	☐	1.000		1508295.08		A	7.1
7	☐	1.000		1543062.83		A	1.9
8	☐	1.000		1517609.09		M	1.2
9	☐	1.000		1465417.98		P	1.5

115 In (ISTD) [No Gas]

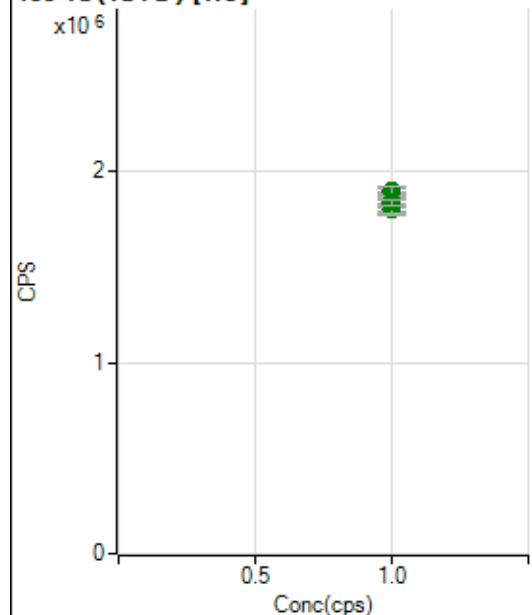
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3696406.66		A	1.3
2	☐	1.000					
3	☐	1.000		3566680.60		A	0.4
4	☐	1.000		3557972.37		A	0.5
5	☐	1.000		3530299.51		A	0.7
6	☐	1.000		3518100.65		A	0.6
7	☐	1.000		3482102.46		A	0.4
8	☐	1.000		3423432.44		A	1.3
9	☐	1.000		3434714.50		A	0.9

115 In (ISTD) [He]

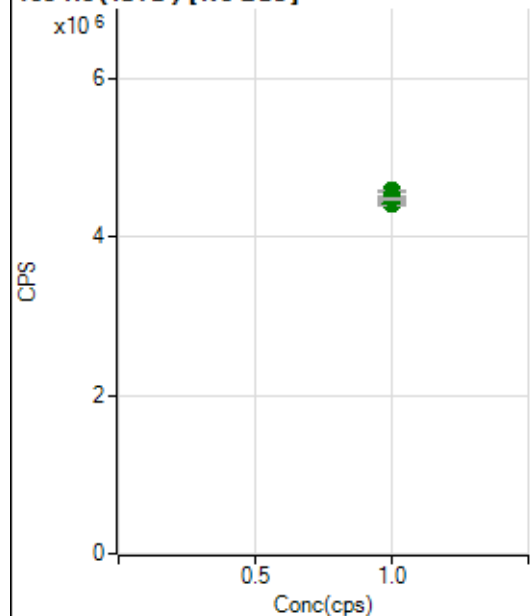
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		528110.87		P	3.1
2	☐	1.000					
3	☐	1.000		532459.37		P	5.5
4	☐	1.000		540003.02		P	1.8
5	☐	1.000		519638.56		P	3.6
6	☐	1.000		522132.73		P	6.3
7	☐	1.000		530540.38		P	2.0
8	☐	1.000		516078.54		P	2.6
9	☐	1.000		521573.63		P	2.4

159 Tb (ISTD) [No Gas]

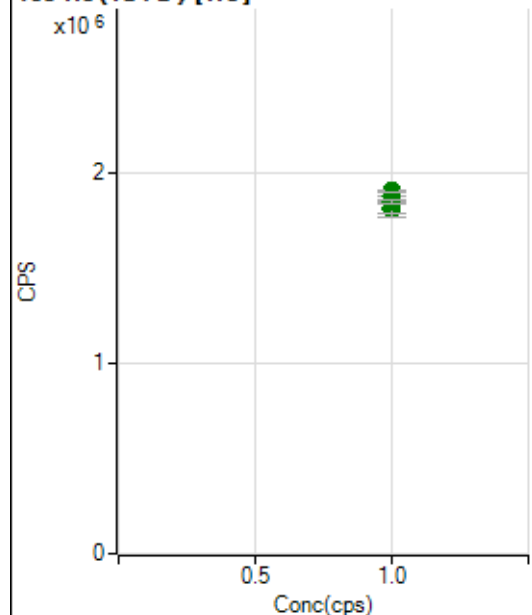
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4762237.05		A	0.3
2	☐	1.000					
3	☐	1.000		4616925.07		A	0.7
4	☐	1.000		4611967.95		A	0.8
5	☐	1.000		4632784.45		A	1.4
6	☐	1.000		4628884.55		A	0.6
7	☐	1.000		4644114.20		A	0.7
8	☐	1.000		4634500.35		A	1.2
9	☐	1.000		4670072.60		A	0.9

159 Tb (ISTD) [He]

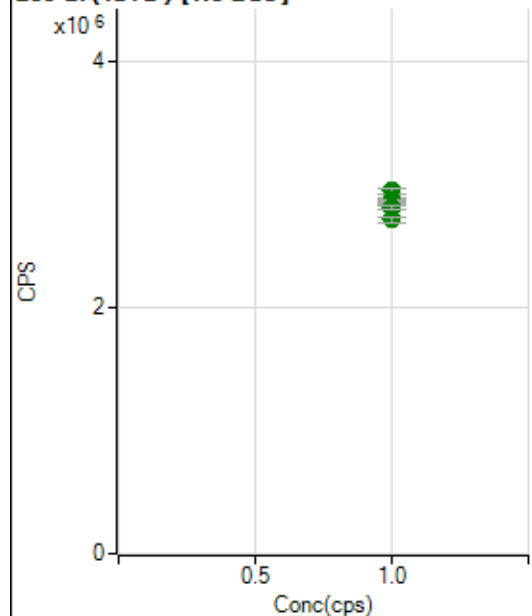
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1837181.64		A	2.7
2	☐	1.000					
3	☐	1.000		1840205.22		A	4.7
4	☐	1.000		1886587.26		A	2.5
5	☐	1.000		1804389.07		A	3.0
6	☐	1.000		1836111.38		A	6.3
7	☐	1.000		1895650.91		A	1.3
8	☐	1.000		1899543.86		A	2.8
9	☐	1.000		1841619.69		A	1.7

165 Ho (ISTD) [No Gas]

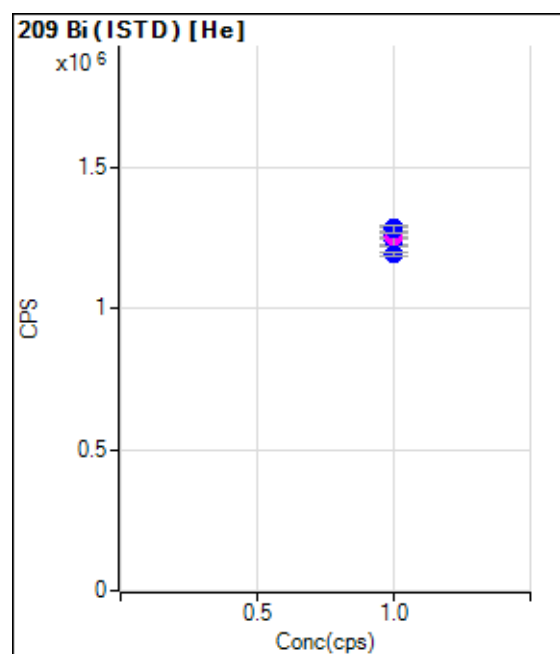
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4577620.81		A	0.7
2	☐	1.000					
3	☐	1.000		4432015.20		A	0.4
4	☐	1.000		4456540.25		A	0.4
5	☐	1.000		4411970.89		A	1.3
6	☐	1.000		4478084.00		A	0.9
7	☐	1.000		4512204.44		A	0.1
8	☐	1.000		4492402.23		A	1.2
9	☐	1.000		4480338.68		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1814433.17		A	3.4
2	☐	1.000					
3	☐	1.000		1820914.54		A	5.8
4	☐	1.000		1859894.33		A	1.5
5	☐	1.000		1802918.27		A	3.7
6	☐	1.000		1849143.55		A	6.8
7	☐	1.000		1905105.22		A	0.8
8	☐	1.000		1875955.15		A	1.9
9	☐	1.000		1846714.42		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2944592.91		A	1.3
2	☐	1.000					
3	☐	1.000		2875809.40		A	1.1
4	☐	1.000		2861522.70		A	0.1
5	☐	1.000		2856162.87		A	0.8
6	☐	1.000		2855563.32		A	0.6
7	☐	1.000		2867078.36		A	0.8
8	☐	1.000		2803354.19		A	1.1
9	☐	1.000		2708437.98		A	1.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1262470.10		P	2.4
2	☐	1.000					
3	☐	1.000		1257999.43		P	5.4
4	☐	1.000		1282989.15		P	1.6
5	☐	1.000		1240154.26		P	2.8
6	☐	1.000		1256811.04		M	6.2
7	☐	1.000		1286283.81		P	1.6
8	☐	1.000		1280914.56		P	2.1
9	☐	1.000		1190632.48		P	1.2

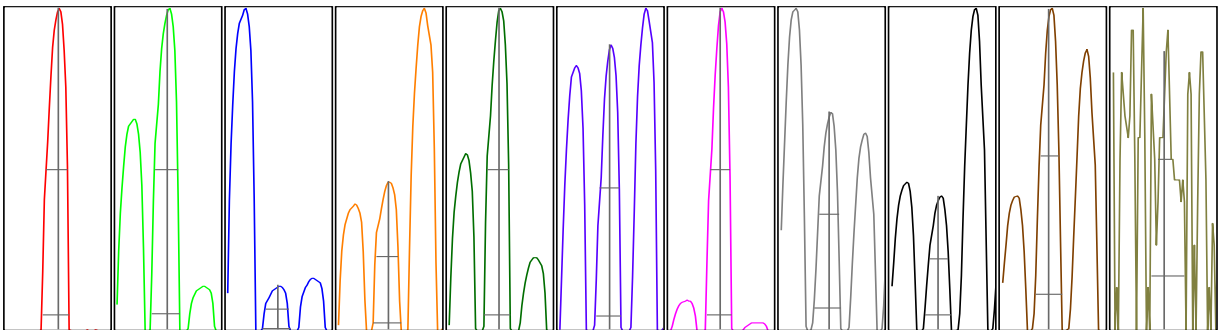
US EPA Tune Check Sample Report

Batch Folder D:\P8052519-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	2439	1.37	5.00	
24	25784	2.72	5.00	
25	3474	2.45	5.00	
26	4066	2.42	5.00	
59	28271	0.82	5.00	
113	4322	1.18	5.00	
115	51952	1.39	5.00	
206	12216	1.02	5.00	
207	11396	0.92	5.00	
208	26558	1.01	5.00	
220	0	27.81		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	2474	2451	2384	2447	2438
24	26504	26578	25103	25355	25378
25	3558	3575	3400	3418	3417
26	4205	4135	3983	4015	3994
59	28194	28427	27909	28500	28323
113	4286	4342	4251	4369	4361
115	51412	52097	51011	52568	52673
206	12155	12225	12046	12281	12373
207	11305	11398	11276	11495	11504
208	26414	26507	26241	26942	26687
220	0	0	1	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	4171	9.05	8.9 - 9.1		0.782	0.900	
24	41338	24.00	23.9 - 24.1		0.830	0.900	
25	5709	25.00	24.9 - 25.1		0.776	0.900	
26	6713	26.00	25.9 - 26.1		0.792	0.900	
59	49664	59.00	58.9 - 59.1		0.740	0.900	
113	8074	113.00	112.9 - 113.1		0.736	0.900	
115	96669	115.00	114.9 - 115.1		0.735	0.900	
206	22642	205.95	205.9 - 206.1		0.753	0.900	
207	20361	206.90	206.9 - 207.1		0.746	0.900	
208	48889	207.90	207.9 - 208.1		0.753	0.900	
220	1	220.05	-		0.967		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 256.8 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	13.2	V	Deflect	15.0	V
Extract 2	-230.0	V	Cell Entrance	-30	V	Plate Bias	-50	V
Omega Bias	-115	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	4.8	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8534	2.06	
89	6619	1.68	
205	8090	1.40	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8251	8525	8599	8565	8730
89	6451	6639	6659	6591	6754
205	7921	8130	8053	8120	8227

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.6	V	Deflect	2.4	V
Extract 2	-230.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	4.8	V
He Flow	4.8	mL/min	OctP RF	200	V			

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 13:42:52 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.96	-0.25	1.21	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.11	0.05	0.05	0.00	N/A	ppb
Boron	11-1	-0.19	-0.06	0.25	0.00	N/A	ppb
Cadmium	111-1	0.04	-0.01	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.59	-0.10	-0.49	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.02	0.02	0.00	N/A	ppb
Calcium	43-1	11.43	-11.41	-0.02	0.00	N/A	ppb
Calcium	44-1	-0.97	0.89	0.08	0.00	N/A	ppb
Chromium	52-2	-0.01	0.06	-0.05	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.01	-0.06	0.05	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.02	-0.06	0.04	0.00	N/A	ppb
Iron	57-2	0.31	-0.76	0.45	0.00	N/A	ppb
Lead	206-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.31	-0.28	-0.03	0.00	N/A	ppb
Manganese	55-2	-0.03	-0.01	0.03	0.00	N/A	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:42:52	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	-0.02	0.02	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.03	0.00	0.00	N/A	ppb
Phosphorus	31-2	3.96	24.39	-12.48	5.29	349.37	ppb
Potassium	39-2	2.63	0.34	-2.97	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.58	-0.58	1.15	0.00	N/A	ppb
Selenium	78-2	-0.20	0.65	-0.45	0.00	N/A	ppb
Selenium	82-1	0.44	-0.30	-0.14	0.00	N/A	ppb
Silicon	28-1	-20.91	-23.12	-11.47	-18.50		ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.87	-0.30	-0.58	0.00	N/A	ppb
Strontium	86-1	0.05	-0.07	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-197.84	-507.83	-84.52	-263.40		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	0.07	-0.30	0.23	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.12	-0.10	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:42:52	DataFile Name :	003CALB.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:50:39	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.97	18.57	16.76	18.10	6.49	ppb
Antimony	121-1	1.75	1.78	1.68	1.74	2.88	ppb
Arsenic	75-2	0.99	0.97	0.92	0.96	3.60	ppb
Barium	135-1	9.27	9.47	9.31	9.35	1.14	ppb
Barium	137-1	9.28	9.18	9.06	9.17	1.22	ppb
Beryllium	9-1	0.85	0.90	0.73	0.83	10.44	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	20.29	17.92	22.24	20.15	10.72	ppb
Boron	11-1	20.87	20.52	20.18	20.52	1.67	ppb
Cadmium	111-1	0.87	0.85	0.91	0.88	3.67	ppb
Cadmium	106-1	0.25	-0.81	1.19	0.21	483.28	ppb
Cadmium	108-1	0.69	1.31	0.93	0.98	31.96	ppb
Calcium	43-1	441.41	419.32	468.60	443.11	5.57	ppb
Calcium	44-1	439.44	442.02	433.04	438.17	1.05	ppb
Chromium	52-2	1.97	1.81	1.68	1.82	8.15	ppb
Cobalt	59-2	0.96	0.78	0.82	0.85	11.08	ppb
Copper	63-2	1.85	1.72	1.63	1.73	6.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	56-2	51.21	46.30	45.81	47.77	6.24	ppb
Iron	57-2	41.35	43.93	45.46	43.58	4.76	ppb
Lead	206-1	0.83	0.84	0.86	0.85	1.92	ppb
Lead	207-1	0.76	0.77	0.90	0.81	9.86	ppb
Lead	208-1	0.82	0.83	0.88	0.84	4.19	ppb
Lithium	6-1				98		%
Magnesium	24-2	494.21	457.91	464.26	472.13	4.11	ppb
Manganese	55-2	0.92	0.82	1.03	0.92	11.16	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:50:39	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.72	4.41	4.52	4.55	3.39	ppb
Molybdenum	95-1	4.65	4.54	4.63	4.61	1.25	ppb
Molybdenum	96-1	4.91	4.87	4.48	4.76	4.95	ppb
Molybdenum	97-1	4.82	4.67	4.60	4.70	2.35	ppb
Molybdenum	98-1	4.60	4.66	4.71	4.66	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	0.81	0.92	0.94	14.19	ppb
Phosphorus	31-2	-10.03	10.41	-16.24	-5.29		ppb
Potassium	39-2	489.54	434.77	453.74	459.35	6.05	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	3.18	4.58	6.17	4.64	32.25	ppb
Selenium	78-2	5.02	4.30	5.25	4.86	10.24	ppb
Selenium	82-1	5.42	5.54	4.85	5.27	7.05	ppb
Silicon	28-1	-1.26	-3.36	13.23	2.87	314.90	ppb
Silver	109-1	1.03	1.16	1.06	1.09	5.96	ppb
Silver	107-1	1.06	1.03	1.11	1.07	3.67	ppb
Sodium	23-2	470.70	431.78	451.40	451.29	4.31	ppb
Strontium	86-1	0.82	0.87	0.78	0.82	4.95	ppb
Strontium	88-1	0.90	0.89	0.92	0.90	1.83	ppb
Sulfur	34-1	-535.49	-585.17	-609.52	-576.73		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.76	0.84	0.86	0.82	6.09	ppb
Thallium	205-1	0.88	0.86	0.87	0.87	1.42	ppb
Tin	118-1	4.53	4.84	4.58	4.65	3.65	ppb
Titanium	47-1	4.34	4.96	4.38	4.56	7.54	ppb
Uranium	238-1	0.84	0.79	0.80	0.81	3.11	ppb
Vanadium	51-2	4.75	4.56	4.46	4.59	3.19	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	1.70	1.90	1.47	1.69	12.74	ppb
Zirconium	90-1	0.86	0.87	0.87	0.87	0.82	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:50:39	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.85	0.92	0.83	0.86	5.51	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:54:38	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	887.64	920.79	887.54	898.66	2.13	ppb
Antimony	121-1	51.78	51.19	50.92	51.30	0.86	ppb
Arsenic	75-2	51.16	51.74	51.40	51.43	0.57	ppb
Barium	135-1	261.59	259.94	256.10	259.21	1.09	ppb
Barium	137-1	263.56	261.33	256.97	260.62	1.29	ppb
Beryllium	9-1	51.09	51.44	51.06	51.20	0.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				102		%
Boron	10-1	48.47	50.89	48.85	49.40	2.63	ppb
Boron	11-1	46.12	49.50	50.95	48.86	5.07	ppb
Cadmium	111-1	52.03	51.69	51.20	51.64	0.81	ppb
Cadmium	106-1	56.04	53.57	52.03	53.88	3.75	ppb
Cadmium	108-1	58.08	52.68	51.37	54.04	6.58	ppb
Calcium	43-1	5323.24	5226.63	5188.39	5246.09	1.32	ppb
Calcium	44-1	5278.42	5120.63	5144.59	5181.21	1.64	ppb
Chromium	52-2	50.46	51.93	50.72	51.04	1.54	ppb
Cobalt	59-2	51.36	50.98	50.62	50.99	0.72	ppb
Copper	63-2	104.78	103.14	102.32	103.41	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				102		%
Iron	56-2	2558.07	2570.40	2566.74	2565.07	0.25	ppb
Iron	57-2	2396.56	2286.32	2285.09	2322.66	2.76	ppb
Lead	206-1	48.95	47.59	48.59	48.38	1.46	ppb
Lead	207-1	48.76	49.09	48.55	48.80	0.56	ppb
Lead	208-1	48.76	48.20	48.60	48.52	0.60	ppb
Lithium	6-1				98		%
Magnesium	24-2	5118.50	5163.68	5097.49	5126.56	0.66	ppb
Manganese	55-2	101.35	102.63	102.57	102.18	0.71	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:54:38	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	256.94	261.72	257.26	258.64	1.03	ppb
Molybdenum	95-1	252.01	259.30	255.65	255.65	1.43	ppb
Molybdenum	96-1	250.81	258.82	257.31	255.65	1.67	ppb
Molybdenum	97-1	253.34	260.33	258.37	257.35	1.40	ppb
Molybdenum	98-1	253.17	261.19	257.66	257.34	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.41	51.60	50.59	51.53	1.77	ppb
Phosphorus	31-2	919.48	1089.72	1022.36	1010.52	8.48	ppb
Potassium	39-2	2536.54	2612.44	2575.18	2574.72	1.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	77-2	38.27	47.42	63.09	49.59	25.31	ppb
Selenium	78-2	51.02	57.15	54.29	54.16	5.66	ppb
Selenium	82-1	51.37	51.30	51.70	51.46	0.42	ppb
Silicon	28-1	51.32	48.47	64.45	54.75	15.57	ppb
Silver	109-1	52.56	52.60	51.31	52.16	1.40	ppb
Silver	107-1	52.97	53.44	52.17	52.86	1.22	ppb
Sodium	23-2	5090.34	5165.14	5059.10	5104.86	1.07	ppb
Strontium	86-1	49.20	50.04	50.97	50.07	1.77	ppb
Strontium	88-1	51.82	52.02	51.35	51.73	0.67	ppb
Sulfur	34-1	1470.35	1069.47	1336.49	1292.10	15.80	ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	49.36	49.33	49.35	49.35	0.03	ppb
Thallium	205-1	51.20	50.26	50.31	50.59	1.05	ppb
Tin	118-1	49.63	50.87	50.39	50.30	1.24	ppb
Titanium	47-1	261.14	253.59	250.41	255.05	2.16	ppb
Uranium	238-1	48.93	49.36	48.80	49.03	0.60	ppb
Vanadium	51-2	50.51	51.13	49.60	50.41	1.52	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	104.51	106.12	105.96	105.53	0.84	ppb
Zirconium	90-1	51.14	52.46	51.36	51.66	1.36	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:54:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.05	51.94	49.81	50.60	2.30	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:58:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2240.82	2206.98	2273.68	2240.49	1.49	ppb
Antimony	121-1	130.60	127.14	127.64	128.46	1.45	ppb
Arsenic	75-2	130.52	126.38	125.70	127.54	2.05	ppb
Barium	135-1	662.12	637.46	644.69	648.09	1.96	ppb
Barium	137-1	665.51	649.75	652.65	655.97	1.28	ppb
Beryllium	9-1	131.74	127.71	129.09	129.51	1.58	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	116.88	124.62	130.44	123.98	5.49	ppb
Boron	11-1	119.72	122.92	131.48	124.71	4.88	ppb
Cadmium	111-1	131.04	128.30	129.73	129.69	1.06	ppb
Cadmium	106-1	132.09	128.65	130.04	130.26	1.33	ppb
Cadmium	108-1	124.99	126.31	125.03	125.44	0.60	ppb
Calcium	43-1	13007.22	12725.09	12962.02	12898.11	1.17	ppb
Calcium	44-1	13137.82	12921.22	12832.20	12963.75	1.21	ppb
Chromium	52-2	132.24	127.06	129.81	129.70	2.00	ppb
Cobalt	59-2	134.56	127.57	129.93	130.69	2.72	ppb
Copper	63-2	274.05	257.25	262.37	264.56	3.25	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				96		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	6701.01	6357.71	6503.58	6520.76	2.64	ppb
Iron	57-2	6115.12	5876.11	6039.94	6010.39	2.03	ppb
Lead	206-1	122.77	122.95	122.77	122.83	0.08	ppb
Lead	207-1	123.12	122.69	122.84	122.89	0.18	ppb
Lead	208-1	123.06	122.30	122.85	122.74	0.32	ppb
Lithium	6-1				99		%
Magnesium	24-2	13525.54	12834.28	13083.88	13147.90	2.66	ppb
Manganese	55-2	271.37	254.65	259.35	261.79	3.29	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:58:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	647.83	655.65	660.34	654.61	0.97	ppb
Molybdenum	95-1	645.82	648.18	653.49	649.16	0.60	ppb
Molybdenum	96-1	639.56	648.75	649.24	645.85	0.84	ppb
Molybdenum	97-1	640.29	655.78	659.79	651.95	1.58	ppb
Molybdenum	98-1	642.35	652.26	652.73	649.11	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.86	128.28	130.02	131.72	3.44	ppb
Phosphorus	31-2	2696.58	2420.95	2288.47	2468.67	8.43	ppb
Potassium	39-2	6762.74	6380.95	6504.66	6549.45	2.97	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	161.37	113.87	146.80	140.68	17.30	ppb
Selenium	78-2	129.58	133.03	130.36	130.99	1.38	ppb
Selenium	82-1	128.59	128.84	132.51	129.98	1.69	ppb
Silicon	28-1	120.34	108.94	146.32	125.20	15.30	ppb
Silver	109-1	132.60	129.84	130.51	130.98	1.10	ppb
Silver	107-1	133.81	131.19	131.32	132.11	1.12	ppb
Sodium	23-2	13353.17	12527.18	12799.32	12893.22	3.26	ppb
Strontium	86-1	126.35	127.84	129.13	127.77	1.09	ppb
Strontium	88-1	129.58	130.25	131.22	130.35	0.63	ppb
Sulfur	34-1	2982.05	2544.03	3096.78	2874.28	10.15	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	125.50	124.89	125.64	125.34	0.32	ppb
Thallium	205-1	129.62	128.60	128.99	129.07	0.40	ppb
Tin	118-1	127.82	128.45	125.79	127.35	1.09	ppb
Titanium	47-1	629.14	627.19	643.08	633.14	1.37	ppb
Uranium	238-1	125.17	125.31	125.15	125.21	0.07	ppb
Vanadium	51-2	133.39	125.15	127.33	128.63	3.32	ppb
Yttrium	89-1				96		%
Yttrium	89-2				99		%
Zinc	66-2	271.73	258.18	261.94	263.95	2.65	ppb
Zirconium	90-1	131.25	131.11	130.28	130.88	0.40	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:58:36	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	127.57	127.63	126.89	127.36	0.32	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:02:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4223.42	5057.19	4461.81	4580.81	9.37	ppb
Antimony	121-1	254.35	258.18	257.60	256.71	0.81	ppb
Arsenic	75-2	239.71	281.39	250.80	257.30	8.39	ppb
Barium	135-1	1288.62	1307.14	1299.97	1298.58	0.72	ppb
Barium	137-1	1271.39	1294.12	1273.99	1279.83	0.97	ppb
Beryllium	9-1	254.46	255.55	252.83	254.28	0.54	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	235.53	238.26	251.59	241.79	3.55	ppb
Boron	11-1	239.98	245.64	253.14	246.25	2.68	ppb
Cadmium	111-1	252.53	255.94	254.41	254.29	0.67	ppb
Cadmium	106-1	252.04	259.98	254.50	255.51	1.59	ppb
Cadmium	108-1	252.69	259.01	259.08	256.92	1.43	ppb
Calcium	43-1	26356.33	25331.02	25718.21	25801.85	2.01	ppb
Calcium	44-1	25987.89	24547.46	25233.33	25256.23	2.85	ppb
Chromium	52-2	243.44	282.62	254.67	260.24	7.75	ppb
Cobalt	59-2	241.65	283.82	255.58	260.35	8.25	ppb
Copper	63-2	494.22	574.25	518.31	528.93	7.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	56-2	11968.74	14110.67	12646.72	12908.71	8.48	ppb
Iron	57-2	11292.31	13434.05	11826.34	12184.23	9.15	ppb
Lead	206-1	243.27	244.48	243.76	243.84	0.25	ppb
Lead	207-1	243.67	244.78	241.82	243.43	0.61	ppb
Lead	208-1	244.87	244.46	244.05	244.46	0.17	ppb
Lithium	6-1				100		%
Magnesium	24-2	24703.38	28601.28	25600.21	26301.63	7.76	ppb
Manganese	55-2	481.44	566.02	507.21	518.22	8.37	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:02:31	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1293.35	1249.35	1280.73	1274.47	1.78	ppb
Molybdenum	95-1	1277.38	1265.15	1274.11	1272.21	0.50	ppb
Molybdenum	96-1	1266.30	1243.14	1280.23	1263.22	1.48	ppb
Molybdenum	97-1	1284.81	1250.32	1263.80	1266.31	1.37	ppb
Molybdenum	98-1	1275.04	1225.30	1272.00	1257.45	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	245.88	285.31	259.93	263.71	7.58	ppb
Phosphorus	31-2	4970.95	5932.05	4705.60	5202.87	12.40	ppb
Potassium	39-2	12085.22	14218.81	12736.22	13013.42	8.40	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	246.40	242.75	252.97	247.37	2.09	ppb
Selenium	78-2	245.72	278.01	256.18	259.97	6.34	ppb
Selenium	82-1	257.44	251.56	250.82	253.27	1.43	ppb
Silicon	28-1	277.65	260.08	261.64	266.46	3.65	ppb
Silver	109-1	252.31	259.84	254.38	255.51	1.52	ppb
Silver	107-1	257.19	260.39	260.50	259.36	0.72	ppb
Sodium	23-2	23803.14	27494.87	24951.10	25416.37	7.43	ppb
Strontium	86-1	251.32	245.41	252.56	249.77	1.53	ppb
Strontium	88-1	258.94	248.47	255.83	254.41	2.11	ppb
Sulfur	34-1	5415.71	5164.58	5155.84	5245.38	2.81	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	248.77	246.22	249.60	248.20	0.71	ppb
Thallium	205-1	254.01	255.38	254.46	254.62	0.27	ppb
Tin	118-1	251.32	254.18	254.28	253.26	0.66	ppb
Titanium	47-1	1282.15	1258.69	1283.82	1274.89	1.10	ppb
Uranium	238-1	255.34	252.45	253.15	253.65	0.60	ppb
Vanadium	51-2	238.00	281.59	253.59	257.73	8.57	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	494.02	574.86	514.07	527.65	7.98	ppb
Zirconium	90-1	256.42	247.66	254.19	252.76	1.80	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:02:31	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	251.94	247.64	246.00	248.53	1.23	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:06:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8717.09	8808.45	8800.35	8775.30	0.58	ppb
Antimony	121-1	517.85	506.92	499.85	508.21	1.78	ppb
Arsenic	75-2	499.80	502.36	498.65	500.27	0.38	ppb
Barium	135-1	2531.47	2529.84	2526.32	2529.21	0.10	ppb
Barium	137-1	2561.02	2514.23	2539.98	2538.41	0.92	ppb
Beryllium	9-1	509.23	507.92	506.59	507.91	0.26	ppb
Bismuth	209-1				97		%
Bismuth	209-2				102		%
Boron	10-1	479.66	488.94	516.12	494.91	3.83	ppb
Boron	11-1	484.94	501.75	510.08	498.93	2.57	ppb
Cadmium	111-1	506.37	502.04	503.91	504.11	0.43	ppb
Cadmium	106-1	512.83	491.69	518.53	507.68	2.79	ppb
Cadmium	108-1	508.05	502.83	501.51	504.13	0.69	ppb
Calcium	43-1	52641.88	51985.63	50628.02	51751.85	1.98	ppb
Calcium	44-1	50117.57	50914.25	48735.23	49922.35	2.21	ppb
Chromium	52-2	505.47	505.41	501.93	504.27	0.40	ppb
Cobalt	59-2	508.79	506.55	500.73	505.35	0.82	ppb
Copper	63-2	1021.93	1029.08	1010.56	1020.52	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				99		%
Holmium	165-2				105		%
Indium	115-1				94		%
Indium	115-2				100		%
Iron	56-2	25304.47	24980.96	25117.39	25134.27	0.65	ppb
Iron	57-2	23313.70	23199.54	23548.75	23354.00	0.76	ppb
Lead	206-1	488.46	490.03	478.57	485.69	1.28	ppb
Lead	207-1	485.18	488.67	480.79	484.88	0.81	ppb
Lead	208-1	491.22	496.24	489.39	492.28	0.72	ppb
Lithium	6-1				100		%
Magnesium	24-2	49942.37	49448.83	48885.77	49425.66	1.07	ppb
Manganese	55-2	1015.46	1006.53	1000.57	1007.52	0.74	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:06:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2523.22	2585.02	2486.71	2531.65	1.96	ppb
Molybdenum	95-1	2540.66	2534.91	2553.41	2542.99	0.37	ppb
Molybdenum	96-1	2530.00	2503.80	2497.67	2510.49	0.68	ppb
Molybdenum	97-1	2510.73	2535.95	2493.31	2513.33	0.85	ppb
Molybdenum	98-1	2488.76	2499.95	2498.80	2495.84	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.93	510.96	501.22	507.04	1.01	ppb
Phosphorus	31-2	10367.10	9849.32	10183.91	10133.44	2.59	ppb
Potassium	39-2	24808.91	25689.80	24828.76	25109.16	2.00	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	488.15	489.21	534.82	504.06	5.29	ppb
Selenium	78-2	505.09	508.74	497.69	503.84	1.12	ppb
Selenium	82-1	505.63	508.23	500.46	504.77	0.78	ppb
Silicon	28-1	502.43	547.67	501.12	517.07	5.13	ppb
Silver	109-1	512.85	502.71	511.97	509.17	1.10	ppb
Silver	107-1	507.30	506.07	509.78	507.72	0.37	ppb
Sodium	23-2	48843.24	48569.55	47941.03	48451.27	0.95	ppb
Strontium	86-1	503.56	503.19	497.37	501.38	0.69	ppb
Strontium	88-1	502.50	505.25	504.64	504.13	0.29	ppb
Sulfur	34-1	10317.12	10255.70	9733.75	10102.19	3.17	ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	489.19	497.22	490.57	492.33	0.87	ppb
Thallium	205-1	502.03	513.15	496.29	503.83	1.70	ppb
Tin	118-1	504.10	500.47	500.02	501.53	0.45	ppb
Titanium	47-1	2559.58	2573.36	2532.42	2555.12	0.82	ppb
Uranium	238-1	493.55	504.46	500.82	499.61	1.11	ppb
Vanadium	51-2	503.51	505.28	500.92	503.24	0.44	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	1024.77	1025.20	1007.29	1019.09	1.00	ppb
Zirconium	90-1	508.73	509.74	493.91	504.13	1.76	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:06:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.63	503.77	493.70	498.03	1.04	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:10:05	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17532.42	17618.05	17886.01	17678.83	1.04	ppb
Antimony	121-1	976.54	989.12	1015.51	993.72	2.00	ppb
Arsenic	75-2	1003.82	1000.46	988.68	997.65	0.80	ppb
Barium	135-1	4907.65	4959.78	5042.29	4969.91	1.37	ppb
Barium	137-1	4926.76	4946.84	5033.20	4968.94	1.14	ppb
Beryllium	9-1	979.73	1006.49	996.82	994.35	1.36	ppb
Bismuth	209-1				95		%
Bismuth	209-2				101		%
Boron	10-1	973.32	1012.99	1028.32	1004.88	2.82	ppb
Boron	11-1	980.10	999.87	1025.07	1001.68	2.25	ppb
Cadmium	111-1	984.85	995.20	1008.58	996.21	1.19	ppb
Cadmium	106-1	975.69	989.13	1016.98	993.93	2.12	ppb
Cadmium	108-1	978.78	1007.13	1001.93	995.95	1.52	ppb
Calcium	43-1	101525.13	102524.70	101557.03	101868.95	0.56	ppb
Calcium	44-1	97823.66	99292.74	98963.61	98693.34	0.78	ppb
Chromium	52-2	1002.17	1007.97	973.85	994.66	1.84	ppb
Cobalt	59-2	1009.73	1006.04	966.15	993.97	2.43	ppb
Copper	63-2	1987.11	2003.87	1950.58	1980.52	1.38	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				98		%
Holmium	165-2				103		%
Indium	115-1				93		%
Indium	115-2				98		%
Iron	56-2	49791.79	50298.11	48379.84	49489.91	2.01	ppb
Iron	57-2	46666.03	46892.99	47466.39	47008.47	0.88	ppb
Lead	206-1	999.06	1019.15	1008.94	1009.05	1.00	ppb
Lead	207-1	995.04	1017.56	1015.98	1009.53	1.25	ppb
Lead	208-1	988.83	1015.23	1012.74	1005.60	1.45	ppb
Lithium	6-1				100		%
Magnesium	24-2	98228.36	97328.15	95931.26	97162.59	1.19	ppb
Manganese	55-2	2001.29	2014.75	1954.27	1990.10	1.60	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:10:05	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4990.30	4889.47	5042.03	4973.93	1.56	ppb
Molybdenum	95-1	4960.71	4912.39	5035.87	4969.66	1.25	ppb
Molybdenum	96-1	5000.97	4951.21	5013.54	4988.57	0.66	ppb
Molybdenum	97-1	4977.15	4947.63	5031.81	4985.53	0.86	ppb
Molybdenum	98-1	5006.96	4885.24	5098.34	4996.85	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1000.92	1000.91	974.59	992.14	1.53	ppb
Phosphorus	31-2	19729.70	20324.53	19603.62	19885.95	1.94	ppb
Potassium	39-2	49241.03	49675.93	48098.10	49005.02	1.66	ppb
Rhodium	103-1				91		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	991.13	1006.84	992.10	996.69	0.88	ppb
Selenium	78-2	988.73	992.76	1002.40	994.63	0.71	ppb
Selenium	82-1	1000.48	985.33	1002.49	996.10	0.94	ppb
Silicon	28-1	990.96	978.17	992.34	987.16	0.79	ppb
Silver	109-1	982.95	996.95	999.64	993.18	0.90	ppb
Silver	107-1	980.87	988.98	1008.46	992.77	1.43	ppb
Sodium	23-2	97552.93	96967.41	94491.78	96337.37	1.69	ppb
Strontium	86-1	1003.87	987.29	1005.90	999.02	1.02	ppb
Strontium	88-1	993.72	988.81	1005.71	996.08	0.87	ppb
Sulfur	34-1	20092.59	19695.07	19690.85	19826.17	1.16	ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	994.57	997.31	1020.95	1004.28	1.44	ppb
Thallium	205-1	985.13	1002.99	1001.07	996.39	0.98	ppb
Tin	118-1	994.19	987.07	1013.08	998.11	1.35	ppb
Titanium	47-1	4899.86	5024.16	4970.87	4964.96	1.26	ppb
Uranium	238-1	985.29	1011.76	1000.86	999.30	1.33	ppb
Vanadium	51-2	1005.75	1001.79	980.39	995.98	1.37	ppb
Yttrium	89-1				96		%
Yttrium	89-2				101		%
Zinc	66-2	1990.24	2005.37	1948.96	1981.52	1.47	ppb
Zirconium	90-1	989.05	989.94	1010.30	996.43	1.21	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:10:05	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1004.76	988.62	1009.69	1001.03	1.10	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:13:51	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99134.33	101187.45	101523.72	100615.17	1.29	ppb
Antimony	121-1	1.22	1.26	1.17	1.22	3.59	ppb
Arsenic	75-2	1.52	1.18	1.40	1.37	12.49	ppb
Barium	135-1	0.82	0.67	0.78	0.76	10.77	ppb
Barium	137-1	0.67	0.70	0.58	0.65	9.76	ppb
Beryllium	9-1	0.21	0.15	0.12	0.16	27.21	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Boron	10-1	93.40	95.93	82.15	90.50	8.11	ppb
Boron	11-1	97.37	93.38	85.04	91.93	6.84	ppb
Cadmium	111-1	0.19	0.21	0.16	0.19	15.26	ppb
Cadmium	106-1	1.55	1.45	0.62	1.21	42.46	ppb
Cadmium	108-1	0.08	0.14	0.14	0.12	28.20	ppb
Calcium	43-1	503896.09	496109.29	498190.34	499398.58	0.81	ppb
Calcium	44-1	501430.63	502038.26	497259.93	500242.94	0.52	ppb
Chromium	52-2	2.01	2.15	1.96	2.04	4.80	ppb
Cobalt	59-2	11.59	11.55	11.58	11.57	0.17	ppb
Copper	63-2	1.68	1.66	1.63	1.66	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				93		%
Indium	115-2				99		%
Iron	56-2	250586.96	248028.51	251566.73	250060.74	0.73	ppb
Iron	57-2	247388.56	249173.20	255797.62	250786.46	1.77	ppb
Lead	206-1	1.16	1.15	1.14	1.15	0.64	ppb
Lead	207-1	1.08	1.22	1.21	1.17	6.76	ppb
Lead	208-1	1.13	1.18	1.14	1.15	2.14	ppb
Lithium	6-1				109		%
Magnesium	24-2	504089.44	495859.49	501678.27	500542.40	0.85	ppb
Manganese	55-2	4.19	4.13	4.03	4.12	1.94	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:13:51	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.09	1.02	1.18	1.10	7.29	ppb
Molybdenum	95-1	0.93	0.94	0.82	0.90	7.06	ppb
Molybdenum	96-1	1.48	1.54	1.62	1.55	4.79	ppb
Molybdenum	97-1	0.96	1.11	0.91	0.99	10.70	ppb
Molybdenum	98-1	0.88	0.94	0.90	0.91	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.06	9.05	9.32	9.14	1.64	ppb
Phosphorus	31-2	36.34	-5.65	-28.93	0.58	5661.64	ppb
Potassium	39-2	250770.86	248027.64	251664.27	250154.26	0.76	ppb
Rhodium	103-1				90		%
Rhodium	103-2				94		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.07	1.24	1.35	0.89	80.05	ppb
Selenium	82-1	1.49	1.18	0.49	1.05	48.55	ppb
Silicon	28-1	12.85	14.54	1.25	9.55	75.82	ppb
Silver	109-1	0.54	0.61	0.95	0.70	31.54	ppb
Silver	107-1	0.56	0.61	1.09	0.75	38.45	ppb
Sodium	23-2	504379.61	497132.32	501055.31	500855.75	0.72	ppb
Strontium	86-1	3.89	3.93	3.86	3.89	0.91	ppb
Strontium	88-1	4.32	4.31	4.27	4.30	0.59	ppb
Sulfur	34-1	-218.78	-78.77	-144.35	-147.30		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.15	0.13	0.13	14.95	ppb
Thallium	205-1	0.16	0.14	0.16	0.15	7.20	ppb
Tin	118-1	0.31	0.24	0.31	0.29	13.52	ppb
Titanium	47-1	0.73	1.37	0.73	0.94	38.80	ppb
Uranium	238-1	0.07	0.07	0.06	0.06	11.87	ppb
Vanadium	51-2	0.15	0.22	0.21	0.19	19.39	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	14.96	15.16	15.35	15.16	1.26	ppb
Zirconium	90-1	0.23	0.29	0.24	0.25	12.84	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:13:51	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.25	0.26	0.24	10.67	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:20:58	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	451.42	439.45	429.23	440.04	2.52	ppb
Antimony	121-1	195.23	205.04	209.27	203.18	3.55	ppb
Arsenic	75-2	194.94	195.40	195.53	195.29	0.16	ppb
Barium	135-1	99.48	101.72	106.51	102.57	3.51	ppb
Barium	137-1	99.56	105.43	106.49	103.83	3.59	ppb
Beryllium	9-1	93.85	98.26	97.38	96.50	2.42	ppb
Bismuth	209-1				97		%
Bismuth	209-2				102		%
Boron	10-1	427.84	436.76	455.06	439.89	3.15	ppb
Boron	11-1	425.31	443.15	462.73	443.73	4.22	ppb
Cadmium	111-1	101.71	106.10	110.50	106.11	4.14	ppb
Cadmium	106-1	149.36	153.52	161.61	154.83	4.02	ppb
Cadmium	108-1	131.64	136.06	138.84	135.51	2.68	ppb
Calcium	43-1	2174.28	2243.25	2396.42	2271.31	5.01	ppb
Calcium	44-1	2118.58	2129.44	2226.38	2158.13	2.75	ppb
Chromium	52-2	96.17	98.29	97.07	97.18	1.09	ppb
Cobalt	59-2	99.49	99.34	99.05	99.30	0.22	ppb
Copper	63-2	102.52	103.55	101.29	102.45	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	988.34	999.77	989.79	992.64	0.63	ppb
Iron	57-2	918.78	893.71	914.82	909.10	1.48	ppb
Lead	206-1	192.65	201.50	204.46	199.54	3.08	ppb
Lead	207-1	184.95	194.69	196.46	192.03	3.23	ppb
Lead	208-1	188.67	198.24	200.27	195.73	3.16	ppb
Lithium	6-1				105		%
Magnesium	24-2	1240.93	1226.15	1215.70	1227.60	1.03	ppb
Manganese	55-2	95.44	96.38	94.49	95.44	0.99	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:20:58	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2291.85	2351.54	2383.83	2342.41	1.99	ppb
Molybdenum	95-1	2259.88	2383.88	2370.95	2338.24	2.92	ppb
Molybdenum	96-1	2293.57	2360.68	2351.50	2335.25	1.56	ppb
Molybdenum	97-1	2331.05	2386.07	2390.17	2369.10	1.39	ppb
Molybdenum	98-1	2291.33	2359.28	2348.92	2333.18	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.98	101.12	102.00	102.03	0.91	ppb
Phosphorus	31-2	-27.57	8.66	-34.91	-17.94		ppb
Potassium	39-2	1925.64	1945.53	1936.15	1935.77	0.51	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	193.39	168.36	178.73	180.16	6.98	ppb
Selenium	78-2	195.97	206.22	201.85	201.35	2.56	ppb
Selenium	82-1	201.25	202.77	205.89	203.30	1.16	ppb
Silicon	28-1	439.71	443.43	518.67	467.27	9.53	ppb
Silver	109-1	100.44	104.11	106.48	103.67	2.93	ppb
Silver	107-1	100.69	104.72	107.07	104.16	3.10	ppb
Sodium	23-2	2058.30	2076.54	2048.59	2061.15	0.69	ppb
Strontium	86-1	485.03	492.24	503.63	493.63	1.90	ppb
Strontium	88-1	484.67	502.72	502.97	496.79	2.11	ppb
Sulfur	34-1	-1.16	-107.00	222.38	38.07	441.66	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	195.25	205.31	206.63	202.40	3.08	ppb
Thallium	205-1	200.98	205.95	210.55	205.83	2.33	ppb
Tin	118-1	461.41	479.31	491.44	477.38	3.16	ppb
Titanium	47-1	2327.71	2353.78	2420.03	2367.17	2.01	ppb
Uranium	238-1	446.62	473.68	477.31	465.87	3.60	ppb
Vanadium	51-2	96.77	97.38	95.69	96.61	0.89	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	201.02	201.36	198.96	200.45	0.65	ppb
Zirconium	90-1	461.86	477.56	480.00	473.14	2.08	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:20:58	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	451.87	468.14	466.99	462.33	1.96	ppb

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 14:28:47 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.35	0.55	-0.64	-0.48		ppb
Antimony	121-1	0.03	0.02	0.03	0.03	25.58	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00		ppb
Barium	135-1	-0.01	0.01	0.00	0.00		ppb
Barium	137-1	0.01	-0.01	0.01	0.01	223.27	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	46.78	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	24.07	25.93	24.78	24.92	3.77	ppb
Boron	11-1	25.45	24.99	25.72	25.39	1.47	ppb
Cadmium	111-1	0.05	-0.11	0.04	0.00		ppb
Cadmium	106-1	0.88	-1.50	0.69	0.02	6167.24	ppb
Cadmium	108-1	0.08	0.02	-0.04	0.02	316.04	ppb
Calcium	43-1	-4.20	7.31	-7.16	-1.35		ppb
Calcium	44-1	6.39	7.55	12.21	8.72	35.31	ppb
Chromium	52-2	0.01	-0.04	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.21	0.16	0.10	0.16	33.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	0.76	0.96	1.32	1.01	27.81	ppb
Iron	57-2	-0.19	0.26	0.70	0.26	173.51	ppb
Lead	206-1	0.01	0.04	0.03	0.03	67.28	ppb
Lead	207-1	0.03	0.04	0.06	0.04	38.31	ppb
Lead	208-1	0.02	0.04	0.04	0.03	43.74	ppb
Lithium	6-1				109		%
Magnesium	24-2	1.64	0.86	0.96	1.15	36.47	ppb
Manganese	55-2	-0.04	-0.06	-0.05	-0.05		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:28:47	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.03	0.01	0.03	84.87	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.01	0.02	0.00	687.38	ppb
Molybdenum	97-1	0.02	0.01	-0.01	0.01	214.91	ppb
Molybdenum	98-1	0.01	0.02	0.00	0.01	103.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.00	0.02	0.03	108.34	ppb
Phosphorus	31-2	-10.03	-48.23	52.22	-2.01		ppb
Potassium	39-2	-7.48	-4.48	7.54	-1.47		ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.82	-0.07	0.81	0.52	99.14	ppb
Selenium	82-1	-0.13	-0.26	0.38	-0.01		ppb
Silicon	28-1	-31.23	-35.54	-42.46	-36.41		ppb
Silver	109-1	0.17	0.15	0.16	0.16	5.51	ppb
Silver	107-1	0.13	0.14	0.15	0.14	6.72	ppb
Sodium	23-2	16.08	17.27	14.47	15.94	8.83	ppb
Strontium	86-1	-0.03	-0.10	-0.11	-0.08		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	49.03	ppb
Sulfur	34-1	-304.41	-324.04	-89.30	-239.25		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	391.86	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	42.81	ppb
Tin	118-1	0.03	0.05	0.02	0.03	51.28	ppb
Titanium	47-1	0.05	0.09	-0.22	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.00	0.00	0.01	166.44	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	0.03	-0.03	0.25	0.08	179.48	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	476.35	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:28:47	DataFile Name :	013CCBE.d

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

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 14:33:32 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76810.25	75824.34	77661.01	76765.20	1.20	ppb
Antimony	121-1	1.12	1.07	1.21	1.13	6.12	ppb
Arsenic	75-2	0.33	0.30	0.25	0.29	13.21	ppb
Barium	135-1	1.38	1.62	1.39	1.47	9.09	ppb
Barium	137-1	1.43	1.49	1.65	1.52	7.50	ppb
Beryllium	9-1	0.25	0.28	0.16	0.23	26.92	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	18.87	18.87	17.23	18.32	5.18	ppb
Boron	11-1	18.27	18.64	16.77	17.89	5.53	ppb
Cadmium	111-1	0.25	0.28	0.29	0.28	9.21	ppb
Cadmium	106-1	-0.34	-0.58	0.61	-0.10		ppb
Cadmium	108-1	6.60	7.47	8.38	7.48	11.89	ppb
Calcium	43-1	101829.84	99775.30	102305.29	101303.48	1.33	ppb
Calcium	44-1	99340.78	96303.57	98841.56	98161.97	1.66	ppb
Chromium	52-2	20.40	19.11	20.09	19.86	3.39	ppb
Cobalt	59-2	1.20	1.18	1.13	1.17	2.97	ppb
Copper	63-2	8.16	8.03	8.08	8.09	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	99859.57	99158.94	98459.12	99159.21	0.71	ppb
Iron	57-2	90659.28	92595.22	93288.28	92180.93	1.48	ppb
Lead	206-1	4.39	4.28	4.33	4.34	1.23	ppb
Lead	207-1	3.96	3.76	3.74	3.82	3.12	ppb
Lead	208-1	4.07	4.00	3.97	4.01	1.30	ppb
Lithium	6-1				100		%
Magnesium	24-2	97130.89	96658.66	95567.42	96452.32	0.83	ppb
Manganese	55-2	8.00	7.48	7.72	7.73	3.34	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:33:32	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1366.02	1376.49	1378.03	1373.51	0.48	ppb
Molybdenum	95-1	1954.16	1973.83	1964.62	1964.20	0.50	ppb
Molybdenum	96-1	1862.07	1874.75	1877.93	1871.58	0.45	ppb
Molybdenum	97-1	1960.59	1953.70	1965.32	1959.87	0.30	ppb
Molybdenum	98-1	1924.56	1960.34	1920.75	1935.22	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.70	5.80	5.59	5.70	1.85	ppb
Phosphorus	31-2	98612.45	97765.04	96537.50	97638.33	1.07	ppb
Potassium	39-2	94180.24	94189.40	92881.71	93750.45	0.80	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.34	0.26	-0.26	0.11	285.05	ppb
Selenium	82-1	-0.67	0.28	0.93	0.18	442.75	ppb
Silicon	28-1	-40.02	-45.06	-35.91	-40.33		ppb
Silver	109-1	0.09	0.10	0.05	0.08	36.76	ppb
Silver	107-1	0.08	0.08	0.09	0.08	3.87	ppb
Sodium	23-2	97653.85	95525.30	95392.46	96190.54	1.32	ppb
Strontium	86-1	33.96	33.29	33.15	33.47	1.30	ppb
Strontium	88-1	34.64	34.63	34.49	34.59	0.24	ppb
Sulfur	34-1	100061.46	101866.49	100801.66	100909.87	0.90	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	0.00	0.01	65.33	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	8.73	ppb
Tin	118-1	0.15	0.20	0.18	0.18	13.86	ppb
Titanium	47-1	1998.89	1968.44	2016.58	1994.64	1.22	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.64	ppb
Vanadium	51-2	0.16	0.15	0.10	0.14	23.97	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	11.89	12.11	12.50	12.17	2.50	ppb
Zirconium	90-1	0.03	0.01	0.02	0.02	59.42	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:33:32	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.02	0.01	48.92	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:37:07	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75444.43	78554.85	75717.74	76572.34	2.25	ppb
Antimony	121-1	21.10	21.18	20.83	21.04	0.88	ppb
Arsenic	75-2	19.94	19.62	19.55	19.70	1.06	ppb
Barium	135-1	22.97	22.59	22.01	22.52	2.14	ppb
Barium	137-1	22.69	22.62	22.73	22.68	0.23	ppb
Beryllium	9-1	20.95	20.49	20.93	20.79	1.24	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	72.43	72.69	68.41	71.17	3.37	ppb
Boron	11-1	70.19	75.00	70.82	72.00	3.63	ppb
Cadmium	111-1	20.46	20.08	20.29	20.28	0.95	ppb
Cadmium	106-1	25.18	24.35	25.40	24.97	2.21	ppb
Cadmium	108-1	28.15	29.63	27.74	28.51	3.49	ppb
Calcium	43-1	104024.40	101489.69	102159.17	102557.75	1.28	ppb
Calcium	44-1	98493.99	97579.83	99263.25	98445.69	0.86	ppb
Chromium	52-2	40.80	41.49	39.77	40.69	2.12	ppb
Cobalt	59-2	22.17	21.87	21.87	21.97	0.81	ppb
Copper	63-2	29.13	29.32	29.22	29.22	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	101775.74	100807.85	100087.00	100890.20	0.84	ppb
Iron	57-2	91752.00	93367.29	94421.68	93180.32	1.44	ppb
Lead	206-1	24.87	24.88	24.92	24.89	0.12	ppb
Lead	207-1	22.81	22.87	22.64	22.78	0.52	ppb
Lead	208-1	23.58	23.98	23.75	23.77	0.86	ppb
Lithium	6-1				96		%
Magnesium	24-2	98529.86	98562.93	97781.10	98291.30	0.45	ppb
Manganese	55-2	27.38	28.28	27.45	27.70	1.80	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:37:07	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1504.00	1492.27	1504.57	1500.28	0.46	ppb
Molybdenum	95-1	2028.53	2005.76	2027.31	2020.53	0.63	ppb
Molybdenum	96-1	1970.03	1932.90	1968.16	1957.03	1.07	ppb
Molybdenum	97-1	2013.77	2021.84	2035.92	2023.84	0.55	ppb
Molybdenum	98-1	1994.05	2007.14	2004.48	2001.89	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.01	27.13	27.37	27.17	0.68	ppb
Phosphorus	31-2	97501.37	97213.99	97077.42	97264.26	0.22	ppb
Potassium	39-2	95826.65	95641.15	95364.73	95610.84	0.24	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	22.40	24.45	17.20	21.35	17.51	ppb
Selenium	78-2	20.39	17.65	22.30	20.11	11.64	ppb
Selenium	82-1	20.18	20.39	19.10	19.89	3.49	ppb
Silicon	28-1	22.32	22.64	19.16	21.37	9.00	ppb
Silver	109-1	19.40	18.93	19.13	19.15	1.23	ppb
Silver	107-1	19.43	19.35	18.90	19.23	1.50	ppb
Sodium	23-2	97522.83	98992.38	97466.30	97993.83	0.88	ppb
Strontium	86-1	100.46	100.13	100.59	100.39	0.24	ppb
Strontium	88-1	103.28	102.28	102.76	102.77	0.49	ppb
Sulfur	34-1	100561.94	99177.52	96735.20	98824.89	1.96	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	19.66	20.28	20.15	20.03	1.63	ppb
Thallium	205-1	20.79	20.94	20.57	20.77	0.89	ppb
Tin	118-1	54.86	54.53	53.52	54.30	1.29	ppb
Titanium	47-1	2086.63	2054.78	2070.91	2070.77	0.77	ppb
Uranium	238-1	55.31	55.84	55.82	55.66	0.53	ppb
Vanadium	51-2	20.34	20.39	20.31	20.35	0.20	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	34.76	34.39	32.93	34.03	2.84	ppb
Zirconium	90-1	55.32	55.25	55.50	55.36	0.24	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:37:07	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	54.41	52.73	53.97	53.70	1.63	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:40:42	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47656.35	48632.11	48568.37	48285.61	1.13	ppb
Antimony	121-1	498.89	498.45	503.34	500.23	0.54	ppb
Arsenic	75-2	503.58	506.79	501.35	503.91	0.54	ppb
Barium	135-1	2557.61	2503.14	2551.40	2537.38	1.18	ppb
Barium	137-1	2574.03	2521.98	2542.95	2546.32	1.03	ppb
Beryllium	9-1	503.02	498.56	506.17	502.58	0.76	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	486.43	500.98	489.96	492.46	1.54	ppb
Boron	11-1	487.82	494.51	489.66	490.66	0.70	ppb
Cadmium	111-1	490.46	487.15	492.19	489.93	0.52	ppb
Cadmium	106-1	495.68	490.97	486.14	490.93	0.97	ppb
Cadmium	108-1	489.48	482.28	483.27	485.01	0.80	ppb
Calcium	43-1	245537.20	245646.84	250491.06	247225.03	1.14	ppb
Calcium	44-1	240881.28	244386.12	244592.44	243286.62	0.86	ppb
Chromium	52-2	519.35	514.94	506.48	513.59	1.27	ppb
Cobalt	59-2	519.10	514.88	505.39	513.12	1.37	ppb
Copper	63-2	1020.98	1011.09	992.78	1008.28	1.42	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				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	126439.10	127902.71	125015.21	126452.34	1.14	ppb
Iron	57-2	119032.73	123017.65	121090.96	121047.11	1.65	ppb
Lead	206-1	497.11	493.20	495.94	495.42	0.40	ppb
Lead	207-1	498.41	494.30	496.74	496.48	0.42	ppb
Lead	208-1	504.71	502.99	505.38	504.36	0.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	243211.61	244781.75	236645.02	241546.13	1.79	ppb
Manganese	55-2	1022.74	1028.73	1014.01	1021.83	0.72	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:40:42	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2506.06	2512.60	2555.30	2524.65	1.06	ppb
Molybdenum	95-1	2523.50	2519.79	2541.68	2528.32	0.46	ppb
Molybdenum	96-1	2497.93	2471.21	2558.42	2509.18	1.78	ppb
Molybdenum	97-1	2492.37	2497.31	2562.08	2517.25	1.55	ppb
Molybdenum	98-1	2538.11	2463.89	2556.75	2519.58	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.79	514.48	498.33	508.20	1.70	ppb
Phosphorus	31-2	10047.71	10320.41	9973.81	10113.98	1.80	ppb
Potassium	39-2	122142.60	122360.90	121276.76	121926.75	0.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	484.62	529.41	456.38	490.13	7.51	ppb
Selenium	78-2	498.17	504.50	475.64	492.77	3.08	ppb
Selenium	82-1	498.22	480.66	500.41	493.10	2.20	ppb
Silicon	28-1	421.05	427.98	457.69	435.57	4.47	ppb
Silver	109-1	482.53	491.69	493.73	489.31	1.22	ppb
Silver	107-1	493.54	486.01	490.72	490.09	0.78	ppb
Sodium	23-2	241684.58	243639.93	239020.35	241448.29	0.96	ppb
Strontium	86-1	505.47	498.37	509.99	504.61	1.16	ppb
Strontium	88-1	511.11	508.59	518.14	512.61	0.97	ppb
Sulfur	34-1	8100.08	8051.02	8134.67	8095.26	0.52	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	502.61	513.38	509.58	508.53	1.07	ppb
Thallium	205-1	517.97	511.22	512.31	513.84	0.71	ppb
Tin	118-1	487.78	488.67	506.48	494.31	2.13	ppb
Titanium	47-1	2517.25	2556.09	2535.73	2536.36	0.77	ppb
Uranium	238-1	516.68	522.87	521.45	520.33	0.62	ppb
Vanadium	51-2	514.14	513.77	508.16	512.02	0.65	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	1011.64	1019.34	1002.08	1011.02	0.86	ppb
Zirconium	90-1	513.63	505.17	523.81	514.21	1.82	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:40:42	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.35	494.30	511.71	501.45	1.82	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:46:32	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.05	1.72	2.03	2.26	30.75	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	8.23	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	3349.95	ppb
Barium	135-1	0.02	0.02	0.01	0.01	35.20	ppb
Barium	137-1	-0.01	0.01	0.00	0.00		ppb
Beryllium	9-1	0.06	0.01	0.04	0.04	69.99	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	24.63	25.24	21.05	23.64	9.59	ppb
Boron	11-1	24.19	25.78	23.25	24.41	5.22	ppb
Cadmium	111-1	0.02	-0.04	-0.03	-0.01		ppb
Cadmium	106-1	0.35	-0.60	-0.27	-0.17		ppb
Cadmium	108-1	0.08	-0.04	0.02	0.02	314.04	ppb
Calcium	43-1	-4.85	2.87	-4.14	-2.04		ppb
Calcium	44-1	5.35	12.64	7.50	8.50	44.08	ppb
Chromium	52-2	0.06	-0.02	-0.02	0.01	696.34	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.15	0.21	0.11	0.16	32.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	1.45	1.04	1.10	1.20	18.14	ppb
Iron	57-2	3.00	0.53	1.74	1.76	70.09	ppb
Lead	206-1	0.07	0.07	0.08	0.08	10.78	ppb
Lead	207-1	0.07	0.12	0.13	0.11	34.67	ppb
Lead	208-1	0.07	0.09	0.10	0.09	15.72	ppb
Lithium	6-1				102		%
Magnesium	24-2	3.07	1.74	1.64	2.15	37.04	ppb
Manganese	55-2	-0.08	-0.10	-0.10	-0.09		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:46:32	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.01	0.01	22.47	ppb
Molybdenum	95-1	0.01	0.01	0.03	0.02	39.06	ppb
Molybdenum	96-1	0.03	0.00	0.03	0.02	103.19	ppb
Molybdenum	97-1	0.09	0.03	0.03	0.05	65.76	ppb
Molybdenum	98-1	0.03	0.03	0.01	0.02	62.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.07	0.01	0.03	104.95	ppb
Phosphorus	31-2	-0.77	-75.36	-54.43	-43.52		ppb
Potassium	39-2	23.67	8.20	5.28	12.38	79.83	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	-0.58	1.24	-0.58	0.03	3451.09	ppb
Selenium	78-2	2.07	0.59	-0.09	0.86	129.46	ppb
Selenium	82-1	-0.66	0.07	-0.12	-0.24		ppb
Silicon	28-1	-39.35	-44.69	-35.77	-39.94		ppb
Silver	109-1	0.08	0.08	0.08	0.08	4.05	ppb
Silver	107-1	0.05	0.07	0.09	0.07	30.72	ppb
Sodium	23-2	40.40	34.40	35.68	36.83	8.57	ppb
Strontium	86-1	-0.05	-0.11	-0.10	-0.08		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	29.35	ppb
Sulfur	34-1	-1258.18	-850.90	-906.72	-1005.27		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.02	0.01	54.90	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	19.45	ppb
Tin	118-1	-0.01	0.03	0.01	0.01	197.64	ppb
Titanium	47-1	0.05	-0.07	-0.10	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	-0.07	-0.14	-0.13	-0.12		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	70.28	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:46:32	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.02	0.01	130.70	ppb

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 14:50:11 DataFile Name : 018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.69	18.15	15.89	16.91	6.79	ppb
Antimony	121-1	1.81	1.82	1.70	1.78	3.72	ppb
Arsenic	75-2	0.81	0.93	0.97	0.90	9.13	ppb
Barium	135-1	9.50	9.12	9.29	9.30	2.09	ppb
Barium	137-1	9.15	9.00	9.15	9.10	0.97	ppb
Beryllium	9-1	0.79	0.70	0.97	0.82	16.87	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	35.90	39.30	33.59	36.26	7.91	ppb
Boron	11-1	33.45	33.66	34.14	33.75	1.06	ppb
Cadmium	111-1	0.87	0.97	0.89	0.91	5.92	ppb
Cadmium	106-1	-0.26	0.86	0.34	0.31	180.77	ppb
Cadmium	108-1	0.70	1.10	0.71	0.84	27.20	ppb
Calcium	43-1	435.42	451.85	454.35	447.21	2.30	ppb
Calcium	44-1	466.13	449.71	470.04	461.96	2.33	ppb
Chromium	52-2	2.16	1.77	1.83	1.92	10.91	ppb
Cobalt	59-2	0.91	0.85	0.83	0.86	4.80	ppb
Copper	63-2	1.90	2.02	1.89	1.94	3.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	50.31	48.00	47.94	48.75	2.78	ppb
Iron	57-2	41.17	34.87	46.53	40.85	14.28	ppb
Lead	206-1	0.88	0.92	0.92	0.91	2.47	ppb
Lead	207-1	0.84	0.91	0.87	0.87	4.37	ppb
Lead	208-1	0.87	0.92	0.90	0.90	2.95	ppb
Lithium	6-1				103		%
Magnesium	24-2	491.28	467.90	470.10	476.43	2.71	ppb
Manganese	55-2	0.91	0.85	1.04	0.93	10.25	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:50:11	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.70	4.44	4.73	4.62	3.49	ppb
Molybdenum	95-1	4.69	4.70	4.68	4.69	0.13	ppb
Molybdenum	96-1	4.61	4.41	4.53	4.52	2.14	ppb
Molybdenum	97-1	4.64	4.69	4.50	4.61	2.07	ppb
Molybdenum	98-1	4.66	4.76	4.49	4.64	2.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.00	0.96	0.97	2.53	ppb
Phosphorus	31-2	-17.21	87.20	-25.17	14.94	419.73	ppb
Potassium	39-2	457.07	442.54	426.20	441.93	3.50	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	1.37	8.34	9.86	6.52	69.41	ppb
Selenium	78-2	5.10	3.89	4.84	4.61	13.80	ppb
Selenium	82-1	4.68	5.02	4.81	4.84	3.64	ppb
Silicon	28-1	-37.01	-29.04	3.55	-20.84		ppb
Silver	109-1	1.05	0.96	1.11	1.04	7.54	ppb
Silver	107-1	1.20	1.09	1.02	1.10	8.05	ppb
Sodium	23-2	488.73	450.92	462.04	467.23	4.16	ppb
Strontium	86-1	0.69	0.76	0.78	0.74	6.18	ppb
Strontium	88-1	0.91	0.84	0.81	0.85	6.10	ppb
Sulfur	34-1	-800.59	-1004.45	-501.36	-768.80		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.81	0.83	0.86	0.83	2.92	ppb
Thallium	205-1	0.86	0.89	0.84	0.86	3.06	ppb
Tin	118-1	4.46	4.53	4.68	4.56	2.50	ppb
Titanium	47-1	5.05	4.89	4.38	4.77	7.38	ppb
Uranium	238-1	0.82	0.82	0.82	0.82	0.31	ppb
Vanadium	51-2	4.84	4.42	4.65	4.64	4.51	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	2.07	1.54	2.38	2.00	21.34	ppb
Zirconium	90-1	1.08	1.00	1.05	1.04	3.96	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:50:11	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.98	1.03	0.99	1.00	2.67	ppb

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : PB120017BL Instrumnet Name : P8
 Client Sample ID : PB120017BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 15:04:04 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	0.50	-0.65	0.03	2179.12	ppb
Antimony	121-1	0.01	0.01	0.00	0.01	104.40	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00		ppb
Barium	135-1	0.01	-0.01	0.02	0.01	238.34	ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	-0.02	0.02	0.00	0.00	3113.73	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	7.91	6.23	8.66	7.60	16.39	ppb
Boron	11-1	7.18	7.81	7.09	7.36	5.31	ppb
Cadmium	111-1	0.07	-0.12	-0.06	-0.04		ppb
Cadmium	106-1	1.08	-1.70	-0.85	-0.49		ppb
Cadmium	108-1	0.08	0.02	0.02	0.04	90.14	ppb
Calcium	43-1	5.03	-3.99	0.89	0.64	702.77	ppb
Calcium	44-1	5.28	7.16	6.84	6.43	15.62	ppb
Chromium	52-2	-0.03	0.05	0.05	0.02	178.67	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00		ppb
Copper	63-2	0.01	-0.03	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				102		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	0.51	0.49	0.70	0.57	19.70	ppb
Iron	57-2	0.85	2.46	0.68	1.33	73.96	ppb
Lead	206-1	0.01	-0.01	0.02	0.01	157.92	ppb
Lead	207-1	0.03	0.01	0.01	0.01	77.84	ppb
Lead	208-1	0.01	0.01	0.01	0.01	35.42	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.91	0.84	0.68	1.14	58.63	ppb
Manganese	55-2	-0.06	-0.07	-0.04	-0.06		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120017BL	Instrumnet Name :	P8
Client Sample ID :	PB120017BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:04:04	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.01	-0.03	-0.02		ppb
Molybdenum	95-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	-0.03	0.00	-0.01		ppb
Molybdenum	97-1	-0.01	0.04	0.02	0.02	179.65	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.02	0.00	0.01	77.40	ppb
Phosphorus	31-2	-109.80	-9.74	-26.05	-48.53		ppb
Potassium	39-2	9.51	-5.34	-0.24	1.31	576.00	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.64	0.56	0.95	0.72	29.29	ppb
Selenium	82-1	0.36	0.77	0.76	0.63	37.07	ppb
Silicon	28-1	-12.28	-13.59	-25.12	-17.00		ppb
Silver	109-1	0.03	0.02	0.00	0.02	69.22	ppb
Silver	107-1	0.05	0.03	0.02	0.03	40.86	ppb
Sodium	23-2	9.03	10.96	10.10	10.03	9.64	ppb
Strontium	86-1	0.06	-0.10	-0.03	-0.02		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	78.75	ppb
Sulfur	34-1	-370.37	-196.59	-413.46	-326.81		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.00	0.01	0.01	99.10	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	63.82	ppb
Tin	118-1	0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.17	-0.04	0.18	0.10	121.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	150.78	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	-0.12	0.03	0.01	-0.03		ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	55.62	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120017BL	Instrumnet Name :	P8
Client Sample ID :	PB120017BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:04:04	DataFile Name :	019CCBE.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120017BS	Instrumnet Name :	P8
Client Sample ID :	PB120017BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:07:42	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8407.60	8310.11	8520.09	8412.60	1.25	ppb
Antimony	121-1	507.45	507.97	489.55	501.66	2.09	ppb
Arsenic	75-2	493.07	494.25	505.44	497.59	1.37	ppb
Barium	135-1	2541.54	2564.14	2519.25	2541.64	0.88	ppb
Barium	137-1	2513.20	2511.42	2492.61	2505.74	0.46	ppb
Beryllium	9-1	488.34	490.41	486.85	488.54	0.37	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	424.02	456.91	462.41	447.78	4.64	ppb
Boron	11-1	438.89	451.43	464.08	451.46	2.79	ppb
Cadmium	111-1	504.73	507.92	494.35	502.33	1.41	ppb
Cadmium	106-1	502.34	499.41	506.56	502.77	0.72	ppb
Cadmium	108-1	507.03	496.48	494.19	499.23	1.37	ppb
Calcium	43-1	51189.48	51807.18	49490.15	50828.94	2.36	ppb
Calcium	44-1	50501.29	49876.52	48268.97	49548.93	2.32	ppb
Chromium	52-2	501.12	503.39	510.39	504.97	0.96	ppb
Cobalt	59-2	508.23	511.92	514.57	511.57	0.62	ppb
Copper	63-2	1037.61	1029.62	1046.97	1038.07	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	24964.28	25266.75	25422.53	25217.86	0.92	ppb
Iron	57-2	22877.07	22862.59	22965.86	22901.84	0.24	ppb
Lead	206-1	489.03	495.99	488.97	491.33	0.82	ppb
Lead	207-1	488.30	489.81	489.11	489.07	0.15	ppb
Lead	208-1	496.88	499.62	497.82	498.11	0.28	ppb
Lithium	6-1				103		%
Magnesium	24-2	49665.36	49289.57	50008.42	49654.45	0.72	ppb
Manganese	55-2	995.70	999.10	1013.31	1002.70	0.93	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120017BS	Instrumnet Name :	P8
Client Sample ID :	PB120017BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:07:42	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2546.80	2464.48	2481.42	2497.56	1.74	ppb
Molybdenum	95-1	2555.89	2510.49	2543.37	2536.58	0.92	ppb
Molybdenum	96-1	2541.30	2473.81	2498.87	2504.66	1.36	ppb
Molybdenum	97-1	2553.75	2494.64	2520.42	2522.93	1.17	ppb
Molybdenum	98-1	2508.63	2424.54	2477.66	2470.28	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.91	513.10	518.71	514.24	0.78	ppb
Phosphorus	31-2	10026.23	9956.97	10260.96	10081.39	1.58	ppb
Potassium	39-2	24364.21	24693.47	25093.63	24717.10	1.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	492.21	476.49	494.98	487.89	2.04	ppb
Selenium	78-2	497.66	492.96	507.98	499.53	1.54	ppb
Selenium	82-1	499.59	490.64	499.14	496.45	1.02	ppb
Silicon	28-1	457.69	450.40	414.50	440.87	5.24	ppb
Silver	109-1	503.14	516.95	494.39	504.83	2.25	ppb
Silver	107-1	510.44	502.28	499.44	504.06	1.13	ppb
Sodium	23-2	49015.33	48371.37	48515.19	48633.96	0.70	ppb
Strontium	86-1	504.42	494.48	495.62	498.17	1.09	ppb
Strontium	88-1	507.71	492.82	498.16	499.56	1.51	ppb
Sulfur	34-1	9295.43	9275.32	8202.45	8924.40	7.01	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	494.65	512.76	502.38	503.26	1.81	ppb
Thallium	205-1	513.67	515.56	511.49	513.57	0.40	ppb
Tin	118-1	498.41	508.25	490.26	498.97	1.81	ppb
Titanium	47-1	2552.50	2552.67	2448.82	2518.00	2.38	ppb
Uranium	238-1	498.51	508.62	503.49	503.54	1.00	ppb
Vanadium	51-2	500.46	499.41	507.56	502.48	0.88	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	1020.67	1028.90	1035.97	1028.51	0.74	ppb
Zirconium	90-1	513.09	504.03	500.28	505.80	1.30	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120017BS	Instrumnet Name :	P8
Client Sample ID :	PB120017BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:07:42	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	504.01	487.87	494.84	495.57	1.63	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01	Instrumnet Name :	P8
Client Sample ID :	390515075	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:11:36	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	3.50	6.34	3.25	99.49	ppb
Antimony	121-1	0.09	0.08	0.07	0.08	11.29	ppb
Arsenic	75-2	1.95	1.73	1.70	1.79	7.53	ppb
Barium	135-1	751.42	743.92	759.13	751.49	1.01	ppb
Barium	137-1	766.72	753.79	768.74	763.08	1.06	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	2.07	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	101.01	106.11	91.94	99.69	7.20	ppb
Boron	11-1	99.07	101.45	99.72	100.08	1.23	ppb
Cadmium	111-1	-0.06	0.07	-0.14	-0.04		ppb
Cadmium	106-1	-0.85	0.80	-1.90	-0.65		ppb
Cadmium	108-1	0.02	-0.04	0.08	0.02	309.69	ppb
Calcium	43-1	50690.83	50562.17	51825.90	51026.30	1.36	ppb
Calcium	44-1	48847.35	49281.09	50877.02	49668.49	2.15	ppb
Chromium	52-2	0.74	0.64	0.70	0.69	6.75	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	2278.00	ppb
Copper	63-2	14.76	14.00	14.90	14.56	3.32	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				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	9.83	9.82	9.57	9.74	1.54	ppb
Iron	57-2	10.76	12.17	8.15	10.36	19.70	ppb
Lead	206-1	0.26	0.32	0.32	0.30	10.26	ppb
Lead	207-1	0.27	0.37	0.34	0.33	15.15	ppb
Lead	208-1	0.29	0.33	0.31	0.31	7.20	ppb
Lithium	6-1				98		%
Magnesium	24-2	7993.78	7639.07	8364.67	7999.18	4.54	ppb
Manganese	55-2	0.32	0.22	0.27	0.27	19.41	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01	Instrumnet Name :	P8
Client Sample ID :	390515075	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:11:36	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.15	0.08	0.14	42.80	ppb
Molybdenum	95-1	0.14	0.16	0.18	0.16	13.70	ppb
Molybdenum	96-1	0.17	0.15	0.14	0.15	9.85	ppb
Molybdenum	97-1	0.27	0.13	0.16	0.19	37.85	ppb
Molybdenum	98-1	0.20	0.22	0.18	0.20	9.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.08	0.11	0.09	21.08	ppb
Phosphorus	31-2	19.99	4.35	-17.47	2.29	821.01	ppb
Potassium	39-2	936.45	891.70	996.98	941.71	5.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	-0.58	1.19	-0.58	0.01	8363.76	ppb
Selenium	78-2	0.73	2.10	1.78	1.53	46.79	ppb
Selenium	82-1	0.59	0.14	0.87	0.53	68.73	ppb
Silicon	28-1	9275.66	9138.43	9279.32	9231.14	0.87	ppb
Silver	109-1	0.05	0.04	0.04	0.04	9.23	ppb
Silver	107-1	0.05	0.05	0.04	0.05	20.36	ppb
Sodium	23-2	12386.64	11592.56	12759.95	12246.38	4.87	ppb
Strontium	86-1	203.51	203.78	203.39	203.56	0.10	ppb
Strontium	88-1	210.21	210.14	208.92	209.76	0.35	ppb
Sulfur	34-1	1556.47	1606.94	1798.93	1654.11	7.73	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.02	0.01	0.02	56.99	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.94	ppb
Tin	118-1	0.03	0.05	0.06	0.05	41.88	ppb
Titanium	47-1	0.36	0.46	0.37	0.40	13.37	ppb
Uranium	238-1	0.85	0.84	0.78	0.82	4.75	ppb
Vanadium	51-2	7.20	6.75	7.41	7.12	4.72	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	9.74	8.71	11.92	10.12	16.18	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	25.47	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01	Instrumnet Name :	P8
Client Sample ID :	390515075	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:11:36	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.00	0.02	91.37	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01DUP	Instrumnet Name :	P8
Client Sample ID :	390515075DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:15:14	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.40	2.42	0.87	1.56	50.56	ppb
Antimony	121-1	0.04	0.05	0.04	0.04	13.56	ppb
Arsenic	75-2	1.57	1.69	1.63	1.63	3.90	ppb
Barium	135-1	748.93	745.60	754.74	749.76	0.62	ppb
Barium	137-1	755.28	754.81	760.69	756.93	0.43	ppb
Beryllium	9-1	0.00	0.00	0.06	0.02	170.20	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	90.21	86.86	86.36	87.81	2.38	ppb
Boron	11-1	89.08	90.29	90.02	89.80	0.71	ppb
Cadmium	111-1	-0.07	-0.20	-0.19	-0.15		ppb
Cadmium	106-1	-0.91	-2.75	-2.71	-2.12		ppb
Cadmium	108-1	0.19	0.13	0.02	0.11	76.88	ppb
Calcium	43-1	50839.59	49863.15	51013.04	50571.93	1.23	ppb
Calcium	44-1	48952.94	47972.83	48995.55	48640.44	1.19	ppb
Chromium	52-2	0.62	0.72	0.65	0.66	7.59	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	168.49	ppb
Copper	63-2	14.22	14.38	13.83	14.14	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				102		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	9.26	8.71	9.19	9.05	3.28	ppb
Iron	57-2	14.14	11.82	12.38	12.78	9.45	ppb
Lead	206-1	0.30	0.24	0.26	0.27	10.80	ppb
Lead	207-1	0.25	0.30	0.24	0.26	12.53	ppb
Lead	208-1	0.26	0.26	0.26	0.26	1.16	ppb
Lithium	6-1				99		%
Magnesium	24-2	7891.25	7834.91	7668.55	7798.24	1.48	ppb
Manganese	55-2	0.16	0.17	0.14	0.16	9.78	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01DUP	Instrumnet Name :	P8
Client Sample ID :	390515075DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:15:14	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.13	0.12	0.13	14.28	ppb
Molybdenum	95-1	0.17	0.18	0.12	0.16	18.81	ppb
Molybdenum	96-1	0.12	0.19	0.14	0.15	22.77	ppb
Molybdenum	97-1	0.19	0.16	0.11	0.15	27.73	ppb
Molybdenum	98-1	0.16	0.15	0.18	0.16	10.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.12	0.08	0.12	36.09	ppb
Phosphorus	31-2	2.05	-86.37	-3.80	-29.37		ppb
Potassium	39-2	905.54	911.43	925.00	913.99	1.09	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	1.28	-0.58	-0.58	0.04	2402.82	ppb
Selenium	78-2	1.14	1.31	0.64	1.03	33.67	ppb
Selenium	82-1	0.57	0.72	0.68	0.66	12.23	ppb
Silicon	28-1	9283.81	9082.38	9501.88	9289.36	2.26	ppb
Silver	109-1	0.02	0.03	0.04	0.03	24.53	ppb
Silver	107-1	0.03	0.03	0.02	0.03	20.68	ppb
Sodium	23-2	12105.36	11905.73	11866.51	11959.20	1.07	ppb
Strontium	86-1	206.35	203.49	203.60	204.48	0.79	ppb
Strontium	88-1	208.98	210.43	207.23	208.88	0.77	ppb
Sulfur	34-1	1370.13	937.09	1268.61	1191.94	19.00	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.01	0.01	0.01	29.03	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	90.61	ppb
Tin	118-1	0.03	0.07	0.04	0.04	49.07	ppb
Titanium	47-1	-0.08	0.34	0.19	0.15	138.60	ppb
Uranium	238-1	0.80	0.81	0.87	0.82	4.30	ppb
Vanadium	51-2	7.17	6.80	6.99	6.99	2.64	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	9.83	10.09	10.38	10.10	2.72	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	61.02	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01DUP	Instrumnet Name :	P8
Client Sample ID :	390515075DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:15:14	DataFile Name :	022SMPL.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01LX5	Instrumnet Name :	P8
Client Sample ID :	390515075L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 15:18:51	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	-0.23	0.01	0.00		ppb
Antimony	121-1	0.02	0.02	0.03	0.02	26.70	ppb
Arsenic	75-2	0.46	0.33	0.30	0.36	22.32	ppb
Barium	135-1	147.30	144.63	149.05	146.99	1.51	ppb
Barium	137-1	148.81	147.32	148.47	148.20	0.53	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	2.47	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	30.16	32.13	31.72	31.34	3.33	ppb
Boron	11-1	32.12	31.18	32.28	31.86	1.85	ppb
Cadmium	111-1	-0.04	-0.04	0.08	0.00	7859.53	ppb
Cadmium	106-1	-0.60	-0.46	1.10	0.01	6389.88	ppb
Cadmium	108-1	0.07	-0.04	-0.04	0.00		ppb
Calcium	43-1	9902.34	9886.06	10045.40	9944.60	0.88	ppb
Calcium	44-1	9708.95	9863.56	9943.22	9838.58	1.21	ppb
Chromium	52-2	0.12	0.08	0.14	0.11	26.35	ppb
Cobalt	59-2	-0.01	-0.03	-0.03	-0.02		ppb
Copper	63-2	2.94	2.92	2.65	2.84	5.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2.90	2.93	2.19	2.68	15.65	ppb
Iron	57-2	0.83	2.77	1.06	1.55	68.35	ppb
Lead	206-1	0.05	0.06	0.02	0.05	47.39	ppb
Lead	207-1	0.03	0.02	0.05	0.03	40.88	ppb
Lead	208-1	0.03	0.05	0.05	0.04	18.58	ppb
Lithium	6-1				99		%
Magnesium	24-2	1544.61	1574.96	1467.08	1528.88	3.64	ppb
Manganese	55-2	-0.03	-0.07	-0.09	-0.06		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01LX5	Instrumnet Name :	P8
Client Sample ID :	390515075L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 15:18:51	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.03	0.01	113.88	ppb
Molybdenum	95-1	0.03	0.01	0.02	0.02	31.71	ppb
Molybdenum	96-1	0.04	0.02	0.04	0.03	41.34	ppb
Molybdenum	97-1	0.00	0.11	0.05	0.05	104.44	ppb
Molybdenum	98-1	0.01	0.05	0.02	0.03	88.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.06	0.05	0.06	3.23	ppb
Phosphorus	31-2	66.35	-13.65	-68.14	-5.15		ppb
Potassium	39-2	177.07	179.32	165.80	174.06	4.16	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	-0.58	1.20	-0.58	0.02	6494.78	ppb
Selenium	78-2	0.33	1.01	1.78	1.04	69.92	ppb
Selenium	82-1	-1.15	0.56	-0.98	-0.52		ppb
Silicon	28-1	1781.31	1793.52	1829.84	1801.56	1.40	ppb
Silver	109-1	0.02	0.01	0.02	0.02	30.95	ppb
Silver	107-1	0.03	0.03	0.02	0.03	18.00	ppb
Sodium	23-2	2395.78	2407.10	2248.41	2350.43	3.77	ppb
Strontium	86-1	39.64	40.68	40.06	40.13	1.29	ppb
Strontium	88-1	40.89	40.79	40.65	40.77	0.29	ppb
Sulfur	34-1	-1315.65	-1151.38	-949.27	-1138.77		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	0.00	0.00	47.55	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	24.67	ppb
Tin	118-1	0.02	0.01	0.01	0.02	28.68	ppb
Titanium	47-1	0.23	-0.11	0.01	0.04	404.84	ppb
Uranium	238-1	0.19	0.16	0.15	0.17	12.37	ppb
Vanadium	51-2	1.30	1.32	1.28	1.30	1.78	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	2.02	1.89	1.86	1.92	4.58	ppb
Zirconium	90-1	0.00	0.00	0.02	0.00	266.99	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01LX5	Instrumnet Name :	P8
Client Sample ID :	390515075L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 15:18:51	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.03	0.02	0.02	0.00	661.02	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01MS	Instrumnet Name :	P8
Client Sample ID :	390515075MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:22:29	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1584.88	1758.95	1686.59	1676.81	5.22	ppb
Antimony	121-1	806.33	796.05	793.75	798.71	0.84	ppb
Arsenic	75-2	804.67	866.35	832.22	834.41	3.70	ppb
Barium	135-1	993.51	985.44	980.95	986.63	0.64	ppb
Barium	137-1	1007.69	995.94	1002.63	1002.08	0.59	ppb
Beryllium	9-1	201.99	203.21	205.64	203.61	0.91	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	366.96	370.56	382.36	373.29	2.16	ppb
Boron	11-1	368.87	380.91	385.80	378.53	2.30	ppb
Cadmium	111-1	205.84	205.21	207.20	206.09	0.49	ppb
Cadmium	106-1	182.39	180.24	188.94	183.86	2.46	ppb
Cadmium	108-1	193.03	185.26	194.33	190.87	2.57	ppb
Calcium	43-1	52529.18	52672.45	52731.56	52644.40	0.20	ppb
Calcium	44-1	51095.46	51400.97	51648.82	51381.75	0.54	ppb
Chromium	52-2	422.05	446.11	429.67	432.61	2.84	ppb
Cobalt	59-2	213.50	225.38	219.39	219.42	2.71	ppb
Copper	63-2	343.79	365.01	350.16	352.99	3.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	3205.44	3406.03	3287.93	3299.80	3.06	ppb
Iron	57-2	2708.54	2971.31	2921.14	2867.00	4.87	ppb
Lead	206-1	1021.51	1029.03	1014.75	1021.76	0.70	ppb
Lead	207-1	1001.62	1007.46	999.64	1002.91	0.41	ppb
Lead	208-1	1012.14	1014.21	1007.19	1011.18	0.36	ppb
Lithium	6-1				98		%
Magnesium	24-2	10302.54	10649.28	10448.11	10466.64	1.66	ppb
Manganese	55-2	203.69	217.40	208.74	209.94	3.30	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01MS	Instrumnet Name :	P8
Client Sample ID :	390515075MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:22:29	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	285.74	284.78	283.19	284.57	0.45	ppb
Molybdenum	95-1	400.64	404.65	402.41	402.57	0.50	ppb
Molybdenum	96-1	387.42	390.46	391.67	389.85	0.56	ppb
Molybdenum	97-1	408.27	409.26	411.57	409.70	0.41	ppb
Molybdenum	98-1	408.70	406.10	408.01	407.60	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	542.50	565.36	548.79	552.22	2.14	ppb
Phosphorus	31-2	6516.22	6312.39	6326.49	6385.03	1.78	ppb
Potassium	39-2	11013.94	11810.03	11378.29	11400.75	3.50	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	77-2	1992.66	2215.17	2144.84	2117.56	5.37	ppb
Selenium	78-2	2019.39	2140.13	2093.48	2084.33	2.92	ppb
Selenium	82-1	2047.26	2067.63	2055.16	2056.68	0.50	ppb
Silicon	28-1	10619.34	10764.59	10747.76	10710.57	0.74	ppb
Silver	109-1	78.22	77.41	77.34	77.66	0.63	ppb
Silver	107-1	78.85	77.74	78.49	78.36	0.72	ppb
Sodium	23-2	15795.50	16268.26	15884.85	15982.87	1.57	ppb
Strontium	86-1	412.84	409.48	414.58	412.30	0.63	ppb
Strontium	88-1	411.82	412.21	418.51	414.18	0.91	ppb
Sulfur	34-1	1959.78	2038.17	1663.47	1887.14	10.47	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	1972.92	1957.48	1978.12	1969.50	0.55	ppb
Thallium	205-1	2031.44	2006.09	2033.22	2023.58	0.75	ppb
Tin	118-1	709.24	702.89	692.84	701.66	1.18	ppb
Titanium	47-1	200.08	204.64	198.09	200.94	1.67	ppb
Uranium	238-1	0.82	0.85	0.91	0.86	5.15	ppb
Vanadium	51-2	320.92	336.26	329.70	328.96	2.34	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	218.77	233.05	225.37	225.73	3.17	ppb
Zirconium	90-1	0.31	0.31	0.30	0.31	2.93	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01MS	Instrumnet Name :	P8
Client Sample ID :	390515075MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:22:29	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.57	0.52	0.45	0.51	11.18	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01MSD	Instrumnet Name :	P8
Client Sample ID :	390515075MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:26:05	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1623.80	1614.12	1687.35	1641.75	2.42	ppb
Antimony	121-1	801.26	794.05	796.98	797.43	0.45	ppb
Arsenic	75-2	810.16	810.82	805.18	808.72	0.38	ppb
Barium	135-1	986.62	962.89	966.56	972.02	1.31	ppb
Barium	137-1	998.39	976.46	986.13	986.99	1.11	ppb
Beryllium	9-1	206.37	209.90	201.82	206.03	1.97	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	397.34	414.60	410.89	407.61	2.23	ppb
Boron	11-1	392.99	404.45	404.41	400.61	1.65	ppb
Cadmium	111-1	206.63	202.34	203.78	204.25	1.07	ppb
Cadmium	106-1	186.04	178.56	178.32	180.97	2.43	ppb
Cadmium	108-1	184.19	188.00	185.54	185.91	1.04	ppb
Calcium	43-1	54039.22	53746.31	53030.22	53605.25	0.97	ppb
Calcium	44-1	52482.48	51815.59	52247.48	52181.85	0.65	ppb
Chromium	52-2	422.60	428.92	425.75	425.76	0.74	ppb
Cobalt	59-2	215.25	215.86	213.95	215.02	0.45	ppb
Copper	63-2	345.90	350.21	340.34	345.48	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	3206.60	3273.39	3219.42	3233.14	1.10	ppb
Iron	57-2	2781.07	2801.66	2854.42	2812.38	1.35	ppb
Lead	206-1	1031.61	1062.41	1012.98	1035.67	2.41	ppb
Lead	207-1	1056.42	1066.76	1019.66	1047.61	2.36	ppb
Lead	208-1	1044.39	1062.44	1029.08	1045.31	1.60	ppb
Lithium	6-1				98		%
Magnesium	24-2	10281.55	10379.25	10106.88	10255.89	1.35	ppb
Manganese	55-2	206.17	206.34	205.56	206.02	0.20	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01MSD	Instrumnet Name :	P8
Client Sample ID :	390515075MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:26:05	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	294.20	290.52	286.24	290.32	1.37	ppb
Molybdenum	95-1	411.55	406.06	405.03	407.55	0.86	ppb
Molybdenum	96-1	393.68	388.96	390.66	391.10	0.61	ppb
Molybdenum	97-1	411.68	407.15	406.84	408.56	0.66	ppb
Molybdenum	98-1	416.85	409.67	407.50	411.34	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	546.15	543.81	539.46	543.14	0.63	ppb
Phosphorus	31-2	6210.99	6102.51	6328.15	6213.88	1.82	ppb
Potassium	39-2	11034.64	11214.62	11207.20	11152.15	0.91	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	2018.74	2065.73	2146.78	2077.08	3.12	ppb
Selenium	78-2	2053.83	2054.11	2077.99	2061.98	0.67	ppb
Selenium	82-1	2070.00	2059.54	2061.12	2063.55	0.27	ppb
Silicon	28-1	10824.27	10707.09	10633.90	10721.75	0.90	ppb
Silver	109-1	77.62	76.80	76.69	77.04	0.67	ppb
Silver	107-1	78.87	76.74	77.51	77.71	1.39	ppb
Sodium	23-2	15799.47	16088.70	15368.07	15752.08	2.30	ppb
Strontium	86-1	418.20	415.07	409.80	414.35	1.02	ppb
Strontium	88-1	426.62	419.28	421.92	422.60	0.88	ppb
Sulfur	34-1	1638.11	1449.79	1239.35	1442.42	13.83	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	2015.52	2048.23	2005.76	2023.17	1.10	ppb
Thallium	205-1	2057.65	2110.42	2030.80	2066.29	1.96	ppb
Tin	118-1	721.46	704.70	700.45	708.87	1.57	ppb
Titanium	47-1	204.53	206.03	205.00	205.18	0.37	ppb
Uranium	238-1	0.82	0.92	0.84	0.86	6.01	ppb
Vanadium	51-2	320.00	323.00	322.15	321.72	0.48	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	221.12	226.21	221.17	222.83	1.31	ppb
Zirconium	90-1	0.32	0.33	0.33	0.32	1.10	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01MSD	Instrumnet Name :	P8
Client Sample ID :	390515075MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:26:05	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.61	0.41	0.54	0.52	20.00	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01A	Instrumnet Name :	P8
Client Sample ID :	390515075A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:29:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1684.60	1687.66	1655.89	1676.05	1.05	ppb
Antimony	121-1	792.29	790.91	781.34	788.18	0.76	ppb
Arsenic	75-2	799.27	804.27	808.41	803.99	0.57	ppb
Barium	135-1	963.59	968.50	966.83	966.31	0.26	ppb
Barium	137-1	985.04	970.39	980.84	978.76	0.77	ppb
Beryllium	9-1	204.77	205.72	202.31	204.27	0.86	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	411.18	408.98	396.46	405.54	1.96	ppb
Boron	11-1	400.63	406.61	413.17	406.80	1.54	ppb
Cadmium	111-1	200.44	199.82	201.05	200.44	0.31	ppb
Cadmium	106-1	174.49	176.30	181.21	177.33	1.96	ppb
Cadmium	108-1	189.95	184.32	190.33	188.20	1.79	ppb
Calcium	43-1	51995.69	52689.66	52812.46	52499.27	0.84	ppb
Calcium	44-1	50313.23	51697.95	51323.78	51111.66	1.40	ppb
Chromium	52-2	424.18	419.33	427.11	423.54	0.93	ppb
Cobalt	59-2	215.39	211.85	215.15	214.13	0.92	ppb
Copper	63-2	349.42	341.18	345.61	345.40	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	3268.26	3216.59	3223.04	3235.96	0.87	ppb
Iron	57-2	2774.05	2829.30	2787.94	2797.10	1.03	ppb
Lead	206-1	1019.01	1038.00	1043.47	1033.49	1.24	ppb
Lead	207-1	1026.57	1035.78	1031.02	1031.12	0.45	ppb
Lead	208-1	1021.23	1024.00	1026.69	1023.97	0.27	ppb
Lithium	6-1				99		%
Magnesium	24-2	10429.33	10041.64	10275.53	10248.83	1.90	ppb
Manganese	55-2	207.10	200.26	204.38	203.91	1.69	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01A	Instrumnet Name :	P8
Client Sample ID :	390515075A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:29:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	285.44	292.39	282.84	286.89	1.72	ppb
Molybdenum	95-1	405.34	414.84	403.82	408.00	1.46	ppb
Molybdenum	96-1	390.45	399.50	387.03	392.33	1.64	ppb
Molybdenum	97-1	413.01	414.55	405.45	411.01	1.19	ppb
Molybdenum	98-1	409.35	418.06	405.94	411.12	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	543.20	536.18	543.93	541.11	0.79	ppb
Phosphorus	31-2	6419.86	6164.30	6556.70	6380.29	3.12	ppb
Potassium	39-2	11262.20	11002.37	11182.31	11148.96	1.19	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	2083.07	1995.88	1972.29	2017.08	2.89	ppb
Selenium	78-2	2032.52	2019.98	2076.62	2043.04	1.46	ppb
Selenium	82-1	2056.21	2088.81	2030.44	2058.48	1.42	ppb
Silicon	28-1	10554.82	10625.25	10653.21	10611.09	0.48	ppb
Silver	109-1	75.41	75.01	75.89	75.44	0.59	ppb
Silver	107-1	77.55	77.33	77.01	77.30	0.35	ppb
Sodium	23-2	15711.20	15212.33	15702.67	15542.07	1.84	ppb
Strontium	86-1	415.48	419.77	410.58	415.28	1.11	ppb
Strontium	88-1	423.60	422.37	417.26	421.07	0.80	ppb
Sulfur	34-1	969.04	925.67	893.90	929.54	4.06	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	2011.69	2009.96	1978.95	2000.20	0.92	ppb
Thallium	205-1	2039.74	2041.41	2042.53	2041.23	0.07	ppb
Tin	118-1	697.27	686.26	692.55	692.02	0.80	ppb
Titanium	47-1	200.57	204.11	207.64	204.11	1.73	ppb
Uranium	238-1	0.87	0.81	0.91	0.87	5.99	ppb
Vanadium	51-2	321.38	316.34	322.74	320.15	1.05	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	223.33	219.30	221.18	221.27	0.91	ppb
Zirconium	90-1	0.36	0.34	0.32	0.34	6.01	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01A	Instrumnet Name :	P8
Client Sample ID :	390515075A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:29:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.49	0.52	0.53	0.51	3.92	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2989-01	Instrumnet Name :	P8
Client Sample ID :	390515078	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:33:18	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.96	3.60	3.83	4.13	17.63	ppb
Antimony	121-1	0.23	0.22	0.20	0.22	7.01	ppb
Arsenic	75-2	0.54	0.61	0.52	0.56	8.77	ppb
Barium	135-1	375.09	385.03	392.40	384.17	2.26	ppb
Barium	137-1	379.81	387.75	393.41	386.99	1.77	ppb
Beryllium	9-1	0.06	0.03	0.07	0.05	37.97	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	92.55	84.43	89.62	88.87	4.63	ppb
Boron	11-1	89.73	86.99	88.43	88.38	1.55	ppb
Cadmium	111-1	-0.09	0.02	-0.03	-0.03		ppb
Cadmium	106-1	-1.46	0.09	-0.37	-0.58		ppb
Cadmium	108-1	0.02	0.02	0.08	0.04	89.53	ppb
Calcium	43-1	59205.73	59077.36	59321.98	59201.69	0.21	ppb
Calcium	44-1	57247.93	57454.02	57782.46	57494.80	0.47	ppb
Chromium	52-2	0.49	0.38	0.52	0.46	16.12	ppb
Cobalt	59-2	-0.01	0.01	-0.01	-0.01		ppb
Copper	63-2	14.29	13.80	14.27	14.12	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				101		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	6.51	6.36	6.22	6.36	2.30	ppb
Iron	57-2	6.61	7.87	7.12	7.20	8.84	ppb
Lead	206-1	0.60	0.54	0.51	0.55	8.87	ppb
Lead	207-1	0.48	0.50	0.50	0.49	2.25	ppb
Lead	208-1	0.52	0.51	0.51	0.51	0.70	ppb
Lithium	6-1				98		%
Magnesium	24-2	15702.01	15412.00	15182.45	15432.15	1.69	ppb
Manganese	55-2	0.02	-0.02	-0.05	-0.02		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2989-01	Instrumnet Name :	P8
Client Sample ID :	390515078	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:33:18	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.71	0.65	0.58	0.64	10.33	ppb
Molybdenum	95-1	0.90	0.88	0.81	0.87	5.41	ppb
Molybdenum	96-1	0.83	0.85	0.68	0.79	12.27	ppb
Molybdenum	97-1	0.90	0.95	0.74	0.86	12.37	ppb
Molybdenum	98-1	0.88	0.92	0.83	0.87	5.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.30	0.29	0.27	17.63	ppb
Phosphorus	31-2	-15.18	-30.85	-62.60	-36.21		ppb
Potassium	39-2	951.17	971.99	966.83	963.33	1.13	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.50	0.53	0.64	0.56	13.37	ppb
Selenium	82-1	1.04	1.74	1.09	1.29	30.47	ppb
Silicon	28-1	9822.16	9841.83	9934.36	9866.11	0.61	ppb
Silver	109-1	0.04	0.02	0.01	0.02	53.22	ppb
Silver	107-1	0.04	0.03	0.04	0.04	17.06	ppb
Sodium	23-2	15170.98	14910.53	14534.33	14871.95	2.15	ppb
Strontium	86-1	209.96	210.47	207.24	209.22	0.83	ppb
Strontium	88-1	217.56	212.22	212.79	214.19	1.37	ppb
Sulfur	34-1	3452.64	3354.44	3299.70	3368.93	2.30	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.19	0.20	0.16	0.18	13.09	ppb
Thallium	205-1	0.19	0.18	0.18	0.18	1.54	ppb
Tin	118-1	0.07	0.16	0.15	0.13	39.71	ppb
Titanium	47-1	0.14	0.29	0.76	0.40	81.79	ppb
Uranium	238-1	0.46	0.46	0.45	0.46	2.29	ppb
Vanadium	51-2	4.44	4.25	4.08	4.26	4.24	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	21.25	20.22	20.96	20.81	2.55	ppb
Zirconium	90-1	0.02	0.00	0.02	0.01	70.25	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2989-01	Instrumnet Name :	P8
Client Sample ID :	390515078	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:33:18	DataFile Name :	027SMPL.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:41:52	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45894.52	46276.36	47005.55	46392.14	1.22	ppb
Antimony	121-1	503.56	500.11	509.59	504.42	0.95	ppb
Arsenic	75-2	505.31	494.29	494.98	498.19	1.24	ppb
Barium	135-1	2527.63	2502.21	2579.03	2536.29	1.54	ppb
Barium	137-1	2503.82	2498.41	2510.52	2504.25	0.24	ppb
Beryllium	9-1	498.41	504.09	498.94	500.48	0.63	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	480.78	509.04	502.60	497.47	2.98	ppb
Boron	11-1	483.57	497.96	495.27	492.26	1.55	ppb
Cadmium	111-1	488.32	482.19	495.26	488.59	1.34	ppb
Cadmium	106-1	483.04	486.14	499.77	489.65	1.82	ppb
Cadmium	108-1	481.26	479.91	498.34	486.50	2.11	ppb
Calcium	43-1	236239.69	241045.78	244836.29	240707.25	1.79	ppb
Calcium	44-1	234008.42	232483.27	240295.68	235595.79	1.76	ppb
Chromium	52-2	515.19	507.00	500.09	507.43	1.49	ppb
Cobalt	59-2	515.16	504.21	497.52	505.63	1.76	ppb
Copper	63-2	1024.25	994.94	977.23	998.81	2.38	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				106		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	126258.52	121525.36	120036.07	122606.65	2.65	ppb
Iron	57-2	117341.84	113943.65	118534.55	116606.68	2.04	ppb
Lead	206-1	490.55	483.04	490.47	488.02	0.88	ppb
Lead	207-1	492.68	483.03	487.94	487.88	0.99	ppb
Lead	208-1	502.10	492.79	498.03	497.64	0.94	ppb
Lithium	6-1				102		%
Magnesium	24-2	244014.41	237103.41	233548.91	238222.24	2.23	ppb
Manganese	55-2	1015.68	1003.66	981.84	1000.39	1.71	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:41:52	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2598.66	2571.50	2545.46	2571.87	1.03	ppb
Molybdenum	95-1	2561.41	2552.07	2509.71	2541.06	1.08	ppb
Molybdenum	96-1	2576.75	2519.03	2494.42	2530.07	1.67	ppb
Molybdenum	97-1	2548.12	2541.30	2554.22	2547.88	0.25	ppb
Molybdenum	98-1	2560.70	2530.71	2506.46	2532.62	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.28	499.55	496.43	502.42	1.56	ppb
Phosphorus	31-2	10769.30	9907.76	9860.33	10179.13	5.03	ppb
Potassium	39-2	121208.35	118713.21	118744.49	119555.35	1.20	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	464.54	451.68	537.90	484.71	9.60	ppb
Selenium	78-2	494.39	497.18	494.72	495.43	0.31	ppb
Selenium	82-1	500.85	502.31	494.69	499.28	0.81	ppb
Silicon	28-1	398.29	425.28	464.94	429.50	7.81	ppb
Silver	109-1	494.79	484.45	493.24	490.83	1.14	ppb
Silver	107-1	492.95	485.88	498.32	492.38	1.27	ppb
Sodium	23-2	240669.93	238895.76	231225.63	236930.44	2.12	ppb
Strontium	86-1	508.33	500.87	498.70	502.63	1.00	ppb
Strontium	88-1	512.30	509.92	507.79	510.00	0.44	ppb
Sulfur	34-1	7961.63	8396.15	8759.58	8372.45	4.77	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	505.34	499.24	504.39	502.99	0.65	ppb
Thallium	205-1	515.27	505.73	509.68	510.22	0.94	ppb
Tin	118-1	494.13	496.86	502.63	497.87	0.87	ppb
Titanium	47-1	2478.97	2494.99	2513.53	2495.83	0.69	ppb
Uranium	238-1	516.53	503.40	507.49	509.14	1.32	ppb
Vanadium	51-2	511.17	504.02	498.79	504.66	1.23	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	1006.59	997.50	972.77	992.29	1.76	ppb
Zirconium	90-1	509.96	506.72	512.69	509.79	0.59	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:41:52	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.77	502.74	501.24	503.25	0.46	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:46:16	DataFile Name :	029LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.80	15.46	19.88	16.71	16.53	ppb
Antimony	121-1	1.82	1.86	1.84	1.84	1.14	ppb
Arsenic	75-2	0.91	0.84	0.74	0.83	10.19	ppb
Barium	135-1	9.38	8.89	9.30	9.19	2.85	ppb
Barium	137-1	9.50	9.77	9.19	9.49	3.05	ppb
Beryllium	9-1	0.86	0.82	1.01	0.90	10.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	58.09	54.30	48.62	53.67	8.89	ppb
Boron	11-1	58.18	54.38	52.66	55.07	5.12	ppb
Cadmium	111-1	0.79	0.76	0.89	0.81	8.61	ppb
Cadmium	106-1	1.44	-1.50	1.22	0.39	423.07	ppb
Cadmium	108-1	1.00	0.98	1.05	1.01	3.82	ppb
Calcium	43-1	459.33	477.48	465.60	467.47	1.97	ppb
Calcium	44-1	468.54	468.72	454.41	463.89	1.77	ppb
Chromium	52-2	1.76	1.85	1.74	1.79	3.38	ppb
Cobalt	59-2	0.81	0.89	0.85	0.85	4.55	ppb
Copper	63-2	2.13	1.98	1.94	2.02	4.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	55.07	52.33	51.44	52.95	3.57	ppb
Iron	57-2	50.07	49.37	43.42	47.62	7.67	ppb
Lead	206-1	0.98	1.03	1.00	1.00	2.09	ppb
Lead	207-1	0.99	1.05	0.93	0.99	6.01	ppb
Lead	208-1	0.99	1.03	0.97	1.00	3.18	ppb
Lithium	6-1				100		%
Magnesium	24-2	467.64	462.85	458.05	462.84	1.04	ppb
Manganese	55-2	0.85	0.89	0.73	0.82	10.58	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:46:16	DataFile Name :	029LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.15	4.82	4.82	4.93	3.88	ppb
Molybdenum	95-1	4.72	4.51	4.71	4.64	2.48	ppb
Molybdenum	96-1	4.80	4.82	4.78	4.80	0.45	ppb
Molybdenum	97-1	4.89	5.10	5.01	5.00	2.15	ppb
Molybdenum	98-1	4.77	4.56	4.58	4.63	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.05	1.07	1.04	3.97	ppb
Phosphorus	31-2	34.55	24.55	2.33	20.48	80.54	ppb
Potassium	39-2	443.85	431.57	423.91	433.11	2.32	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	3.11	6.45	2.84	4.13	48.69	ppb
Selenium	78-2	4.57	6.79	5.94	5.77	19.48	ppb
Selenium	82-1	5.51	5.49	6.05	5.68	5.57	ppb
Silicon	28-1	-14.40	-37.95	-65.50	-39.28		ppb
Silver	109-1	1.07	1.05	1.04	1.05	1.56	ppb
Silver	107-1	1.18	1.08	1.17	1.14	4.76	ppb
Sodium	23-2	495.51	480.31	461.13	478.98	3.60	ppb
Strontium	86-1	0.85	0.83	0.79	0.82	3.54	ppb
Strontium	88-1	0.93	0.93	0.87	0.91	3.70	ppb
Sulfur	34-1	176.34	-840.46	-1538.43	-734.18		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.90	0.90	0.91	0.90	0.67	ppb
Thallium	205-1	0.90	0.86	0.90	0.89	2.66	ppb
Tin	118-1	4.97	4.33	4.59	4.63	6.94	ppb
Titanium	47-1	5.12	5.29	4.45	4.95	8.98	ppb
Uranium	238-1	0.83	0.82	0.84	0.83	1.10	ppb
Vanadium	51-2	4.96	4.73	4.46	4.71	5.29	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	2.36	1.96	2.14	2.16	9.34	ppb
Zirconium	90-1	1.11	1.01	1.04	1.06	4.96	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:46:16	DataFile Name :	029LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.09	0.98	1.03	1.04	5.19	ppb

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P8
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 15:49:55 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.21	2.64	1.48	1.31	109.73	ppb
Antimony	121-1	0.04	0.02	0.04	0.03	28.05	ppb
Arsenic	75-2	-0.01	-0.01	0.00	0.00		ppb
Barium	135-1	0.02	0.02	0.01	0.01	34.87	ppb
Barium	137-1	0.00	0.01	-0.02	0.00		ppb
Beryllium	9-1	0.03	0.01	0.05	0.03	67.38	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	19.65	21.03	17.20	19.29	10.04	ppb
Boron	11-1	19.70	20.31	20.45	20.15	1.98	ppb
Cadmium	111-1	-0.10	-0.06	-0.10	-0.09		ppb
Cadmium	106-1	-1.36	-0.95	-1.22	-1.18		ppb
Cadmium	108-1	-0.04	-0.04	0.13	0.02	555.33	ppb
Calcium	43-1	-3.91	-4.04	-1.94	-3.30		ppb
Calcium	44-1	6.12	6.53	4.78	5.81	15.80	ppb
Chromium	52-2	-0.01	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.00	0.02	0.04	0.02	97.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	1.06	0.72	0.76	0.85	21.83	ppb
Iron	57-2	1.81	1.65	1.59	1.68	6.88	ppb
Lead	206-1	0.05	0.09	0.05	0.07	34.08	ppb
Lead	207-1	0.07	0.08	0.07	0.07	6.90	ppb
Lead	208-1	0.06	0.06	0.05	0.06	9.97	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.43	0.27	1.18	0.96	63.92	ppb
Manganese	55-2	-0.14	-0.11	-0.16	-0.14		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:49:55	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.02	0.01	0.03	70.80	ppb
Molybdenum	95-1	0.01	-0.02	0.01	0.00		ppb
Molybdenum	96-1	0.02	-0.01	0.00	0.00	441.34	ppb
Molybdenum	97-1	0.01	0.05	0.02	0.03	69.65	ppb
Molybdenum	98-1	0.03	0.00	-0.01	0.01	296.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.03	-0.01		ppb
Phosphorus	31-2	-23.37	-3.10	-60.98	-29.15		ppb
Potassium	39-2	-13.04	-7.43	-8.38	-9.62		ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	-0.87	1.25	-0.16	0.07	1481.18	ppb
Selenium	82-1	0.18	-0.33	0.56	0.14	327.99	ppb
Silicon	28-1	-44.91	-42.64	-57.68	-48.41		ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.21	ppb
Silver	107-1	0.04	0.04	0.03	0.03	13.80	ppb
Sodium	23-2	18.46	18.15	12.71	16.44	19.67	ppb
Strontium	86-1	-0.01	-0.06	-0.12	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	91.75	ppb
Sulfur	34-1	-1295.07	-1239.19	-1518.78	-1351.01		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.01	0.01	0.01	74.52	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	46.67	ppb
Tin	118-1	0.02	0.00	0.00	0.01	176.24	ppb
Titanium	47-1	0.25	-0.25	-0.08	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.02	0.00	348.02	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	0.06	0.06	-0.04	0.03	191.79	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	129.25	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:49:55	DataFile Name :	030CCBE.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2990-01	Instrumnet Name :	P8
Client Sample ID :	390517009	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:53:33	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47.24	39.58	41.81	42.88	9.18	ppb
Antimony	121-1	0.11	0.12	0.10	0.11	9.91	ppb
Arsenic	75-2	0.16	0.13	0.13	0.14	10.38	ppb
Barium	135-1	7.84	8.35	7.95	8.05	3.35	ppb
Barium	137-1	8.50	7.93	7.97	8.13	3.93	ppb
Beryllium	9-1	0.09	0.05	-0.01	0.04	116.47	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	23.80	27.21	25.65	25.55	6.69	ppb
Boron	11-1	25.44	25.24	24.15	24.94	2.80	ppb
Cadmium	111-1	-0.04	-0.01	-0.10	-0.05		ppb
Cadmium	106-1	-0.62	-0.15	-1.45	-0.74		ppb
Cadmium	108-1	0.08	0.08	0.08	0.08	0.94	ppb
Calcium	43-1	12092.25	11886.99	11823.57	11934.27	1.18	ppb
Calcium	44-1	11729.36	11955.90	11693.49	11792.92	1.21	ppb
Chromium	52-2	0.16	0.21	0.19	0.19	13.01	ppb
Cobalt	59-2	-0.02	0.00	-0.01	-0.01		ppb
Copper	63-2	40.03	38.15	38.16	38.78	2.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	45.10	43.44	44.15	44.23	1.88	ppb
Iron	57-2	44.30	33.75	49.50	42.52	18.87	ppb
Lead	206-1	4.84	4.97	4.84	4.88	1.51	ppb
Lead	207-1	4.86	4.67	4.84	4.79	2.19	ppb
Lead	208-1	4.83	4.75	4.78	4.79	0.83	ppb
Lithium	6-1				99		%
Magnesium	24-2	2988.15	2886.08	2864.24	2912.82	2.27	ppb
Manganese	55-2	8.82	8.84	8.96	8.87	0.87	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2990-01	Instrumnet Name :	P8
Client Sample ID :	390517009	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:53:33	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.24	0.20	0.15	0.20	21.19	ppb
Molybdenum	95-1	0.17	0.19	0.16	0.17	8.72	ppb
Molybdenum	96-1	0.13	0.16	0.15	0.15	11.61	ppb
Molybdenum	97-1	0.16	0.14	0.15	0.15	6.57	ppb
Molybdenum	98-1	0.13	0.15	0.15	0.15	10.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.23	1.97	2.25	2.15	7.28	ppb
Phosphorus	31-2	459.29	482.89	524.82	489.00	6.79	ppb
Potassium	39-2	818.21	796.19	797.24	803.88	1.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	-0.58	1.17	-0.58	0.01	17303.69	ppb
Selenium	78-2	-0.23	0.18	1.06	0.34	193.99	ppb
Selenium	82-1	-0.26	0.33	1.27	0.45	171.47	ppb
Silicon	28-1	1770.85	1710.53	1652.18	1711.19	3.47	ppb
Silver	109-1	0.08	0.06	0.08	0.08	15.50	ppb
Silver	107-1	0.08	0.05	0.08	0.07	29.77	ppb
Sodium	23-2	26088.06	25279.06	25215.98	25527.70	1.91	ppb
Strontium	86-1	36.55	36.57	37.12	36.75	0.88	ppb
Strontium	88-1	37.84	37.94	38.20	37.99	0.49	ppb
Sulfur	34-1	1137.88	1124.65	1004.32	1088.95	6.76	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	0.01	0.01	0.00	389.17	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	59.42	ppb
Tin	118-1	0.63	0.63	0.68	0.65	4.21	ppb
Titanium	47-1	0.81	0.44	0.35	0.53	45.30	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.07	0.07	0.07	0.07	4.16	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	25.75	24.66	26.42	25.61	3.48	ppb
Zirconium	90-1	0.06	0.07	0.05	0.06	22.36	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2990-01	Instrumnet Name :	P8
Client Sample ID :	390517009	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:53:33	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.04	0.08	0.04	68.11	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2991-01	Instrumnet Name :	P8
Client Sample ID :	390516179.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:57:10	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.64	9.42	9.75	10.94	21.46	ppb
Antimony	121-1	0.18	0.13	0.15	0.15	16.01	ppb
Arsenic	75-2	8.76	8.17	8.52	8.49	3.51	ppb
Barium	135-1	35.62	32.07	32.52	33.41	5.79	ppb
Barium	137-1	35.22	33.95	33.40	34.19	2.72	ppb
Beryllium	9-1	0.04	0.04	0.06	0.05	21.48	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	19.92	17.45	18.82	18.73	6.61	ppb
Boron	11-1	19.41	18.83	18.65	18.96	2.09	ppb
Cadmium	111-1	0.03	-0.01	0.19	0.07	148.75	ppb
Cadmium	106-1	-0.61	-1.15	1.44	-0.11		ppb
Cadmium	108-1	0.45	0.13	0.24	0.27	58.56	ppb
Calcium	43-1	80350.34	75024.16	75209.63	76861.38	3.93	ppb
Calcium	44-1	78279.16	73180.31	73020.26	74826.58	4.00	ppb
Chromium	52-2	1.96	1.95	1.93	1.94	0.80	ppb
Cobalt	59-2	0.09	0.11	0.04	0.08	42.96	ppb
Copper	63-2	327.26	326.78	326.14	326.72	0.17	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				101		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	3456.34	3457.96	3462.55	3458.95	0.09	ppb
Iron	57-2	3007.53	3135.73	3076.01	3073.09	2.09	ppb
Lead	206-1	82.08	78.01	77.74	79.28	3.06	ppb
Lead	207-1	78.70	74.84	74.22	75.92	3.20	ppb
Lead	208-1	80.38	76.08	75.71	77.39	3.35	ppb
Lithium	6-1				99		%
Magnesium	24-2	28598.65	28853.89	28439.34	28630.63	0.73	ppb
Manganese	55-2	12.49	12.69	12.71	12.63	0.95	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2991-01	Instrumnet Name :	P8
Client Sample ID :	390516179.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:57:10	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.23	0.22	0.23	0.22	3.48	ppb
Molybdenum	95-1	0.18	0.24	0.23	0.22	15.52	ppb
Molybdenum	96-1	0.23	0.19	0.23	0.21	11.80	ppb
Molybdenum	97-1	0.20	0.25	0.15	0.20	24.74	ppb
Molybdenum	98-1	0.19	0.23	0.22	0.21	11.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.57	15.10	14.97	14.88	1.86	ppb
Phosphorus	31-2	-7.79	14.99	-48.99	-13.93		ppb
Potassium	39-2	2952.25	2987.69	3028.04	2989.33	1.27	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	-0.58	-0.58	1.15	0.00		ppb
Selenium	78-2	0.94	1.00	-0.30	0.55	134.07	ppb
Selenium	82-1	1.62	1.21	0.42	1.08	56.49	ppb
Silicon	28-1	14038.69	12605.19	12824.50	13156.13	5.87	ppb
Silver	109-1	0.11	0.11	0.11	0.11	2.02	ppb
Silver	107-1	0.11	0.10	0.11	0.10	6.66	ppb
Sodium	23-2	55847.50	55026.60	54837.88	55237.33	0.97	ppb
Strontium	86-1	326.01	302.00	304.86	310.96	4.22	ppb
Strontium	88-1	331.36	310.63	308.51	316.83	3.98	ppb
Sulfur	34-1	7781.52	6237.20	5925.85	6648.19	14.95	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.00	0.01	107.69	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	30.10	ppb
Tin	118-1	2.29	2.06	2.14	2.16	5.20	ppb
Titanium	47-1	0.40	0.15	0.59	0.38	56.85	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	60.16	ppb
Vanadium	51-2	1.15	1.21	1.14	1.17	3.37	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	891.43	896.52	903.12	897.02	0.65	ppb
Zirconium	90-1	-0.01	-0.01	0.01	0.00		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2991-01	Instrumnet Name :	P8
Client Sample ID :	390516179.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:57:10	DataFile Name :	032SMPL.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2992-01	Instrumnet Name :	P8
Client Sample ID :	390515024	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:00:46	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.72	0.86	1.22	1.26	34.39	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	26.16	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	166.31	ppb
Barium	135-1	0.00	0.04	0.00	0.01	175.41	ppb
Barium	137-1	0.03	0.01	0.00	0.01	101.21	ppb
Beryllium	9-1	0.02	0.00	0.02	0.01	84.03	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	11.44	12.23	8.80	10.82	16.62	ppb
Boron	11-1	10.66	10.47	10.54	10.56	0.92	ppb
Cadmium	111-1	-0.05	0.02	-0.01	-0.01		ppb
Cadmium	106-1	-0.68	0.33	0.05	-0.10		ppb
Cadmium	108-1	0.02	-0.04	0.13	0.04	231.56	ppb
Calcium	43-1	-6.98	-4.71	-2.02	-4.57		ppb
Calcium	44-1	11.37	12.63	10.18	11.39	10.78	ppb
Chromium	52-2	0.30	0.11	0.21	0.20	46.31	ppb
Cobalt	59-2	-0.03	-0.04	-0.03	-0.03		ppb
Copper	63-2	0.09	0.11	0.05	0.08	35.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.86	0.85	1.11	0.94	15.67	ppb
Iron	57-2	1.56	0.46	1.68	1.24	54.39	ppb
Lead	206-1	-0.01	0.03	0.00	0.01	212.39	ppb
Lead	207-1	0.02	0.04	0.02	0.03	51.58	ppb
Lead	208-1	0.01	0.03	0.01	0.02	54.75	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.34	2.24	2.15	1.91	26.15	ppb
Manganese	55-2	-0.08	0.02	-0.04	-0.03		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2992-01	Instrumnet Name :	P8
Client Sample ID :	390515024	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:00:46	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.02	-0.03	0.00		ppb
Molybdenum	95-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.05	0.01	0.00	0.02	139.73	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	0.03	0.02	126.48	ppb
Phosphorus	31-2	-78.93	-133.56	-97.64	-103.38		ppb
Potassium	39-2	3.95	-4.51	-12.96	-4.51		ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	-0.58	-0.58	1.14	0.00		ppb
Selenium	78-2	-0.19	-0.42	0.15	-0.15		ppb
Selenium	82-1	-0.65	-0.49	-0.36	-0.50		ppb
Silicon	28-1	-38.33	-34.67	-42.88	-38.63		ppb
Silver	109-1	0.01	0.01	0.02	0.01	37.66	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.72	ppb
Sodium	23-2	16.66	16.95	17.50	17.03	2.51	ppb
Strontium	86-1	-0.10	0.03	-0.01	-0.03		ppb
Strontium	88-1	0.03	0.03	0.03	0.03	8.62	ppb
Sulfur	34-1	-1478.60	-935.23	-1338.89	-1250.91		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	32.97	ppb
Tin	118-1	0.05	0.10	0.08	0.07	34.56	ppb
Titanium	47-1	-0.17	0.03	-0.17	-0.10		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	650.15	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	12.28	11.93	11.40	11.87	3.73	ppb
Zirconium	90-1	0.02	0.00	0.00	0.00	302.83	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2992-01	Instrumnet Name :	P8
Client Sample ID :	390515024	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:00:46	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	-0.03	-0.02	0.00	7540.06	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-01	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN-A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:04:24	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.31	8.08	1.22	4.87	70.78	ppb
Antimony	121-1	0.29	0.29	0.29	0.29	1.09	ppb
Arsenic	75-2	0.21	0.24	0.19	0.22	11.78	ppb
Barium	135-1	43.46	44.02	44.48	43.99	1.15	ppb
Barium	137-1	43.67	44.07	44.77	44.17	1.27	ppb
Beryllium	9-1	0.01	0.04	0.01	0.02	83.04	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	35.76	33.58	32.89	34.08	4.39	ppb
Boron	11-1	34.75	34.37	37.49	35.54	4.79	ppb
Cadmium	111-1	0.03	0.01	0.09	0.05	92.97	ppb
Cadmium	106-1	-0.27	-0.47	1.01	0.09	901.99	ppb
Cadmium	108-1	0.19	-0.04	0.31	0.15	115.38	ppb
Calcium	43-1	19639.86	19003.76	19474.24	19372.62	1.70	ppb
Calcium	44-1	19312.73	18687.03	19629.88	19209.88	2.50	ppb
Chromium	52-2	0.51	0.46	0.57	0.51	10.95	ppb
Cobalt	59-2	0.03	0.01	0.06	0.03	63.67	ppb
Copper	63-2	813.02	798.10	805.20	805.44	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				102		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	41.13	39.87	40.41	40.47	1.56	ppb
Iron	57-2	38.06	41.87	36.93	38.95	6.63	ppb
Lead	206-1	7.83	8.20	8.00	8.01	2.30	ppb
Lead	207-1	7.48	7.38	7.12	7.33	2.56	ppb
Lead	208-1	7.62	7.75	7.47	7.61	1.87	ppb
Lithium	6-1				99		%
Magnesium	24-2	6053.77	5907.13	5972.50	5977.80	1.23	ppb
Manganese	55-2	14.16	13.77	13.84	13.92	1.49	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-01	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN-A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:04:24	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.16	0.23	0.20	16.37	ppb
Molybdenum	95-1	0.30	0.22	0.36	0.29	23.23	ppb
Molybdenum	96-1	0.27	0.25	0.28	0.26	5.71	ppb
Molybdenum	97-1	0.31	0.31	0.33	0.32	4.11	ppb
Molybdenum	98-1	0.31	0.30	0.29	0.30	3.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.76	2.13	2.53	2.47	12.78	ppb
Phosphorus	31-2	-39.68	2.81	43.74	2.29	1822.84	ppb
Potassium	39-2	1648.79	1652.03	1676.78	1659.20	0.92	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	-0.58	-0.58	1.13	-0.01		ppb
Selenium	78-2	-0.03	1.33	0.91	0.74	94.89	ppb
Selenium	82-1	0.53	0.16	0.96	0.55	73.18	ppb
Silicon	28-1	4963.90	4776.31	4881.90	4874.03	1.93	ppb
Silver	109-1	0.08	0.06	0.06	0.07	15.32	ppb
Silver	107-1	0.06	0.05	0.07	0.06	11.94	ppb
Sodium	23-2	25685.13	25183.29	25237.49	25368.64	1.09	ppb
Strontium	86-1	88.02	89.91	89.53	89.16	1.12	ppb
Strontium	88-1	90.70	92.94	92.05	91.90	1.23	ppb
Sulfur	34-1	11773.72	11280.27	11735.94	11596.64	2.37	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.05	0.05	0.04	36.79	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	18.89	ppb
Tin	118-1	0.06	0.08	0.05	0.06	24.27	ppb
Titanium	47-1	-0.03	0.26	0.14	0.12	120.28	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	63.43	ppb
Vanadium	51-2	1.05	1.01	0.99	1.02	3.14	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	309.33	302.80	307.05	306.39	1.08	ppb
Zirconium	90-1	0.02	0.00	0.02	0.01	62.04	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-01	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN-A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:04:24	DataFile Name :	034SMPL.d

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

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : K3003-03 Instrumnet Name : P8
 Client Sample ID : MENS-BATHROOM-A Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 16:08:02 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.20	5.64	6.96	6.60	12.76	ppb
Antimony	121-1	0.18	0.14	0.18	0.17	11.88	ppb
Arsenic	75-2	0.19	0.23	0.20	0.21	9.94	ppb
Barium	135-1	39.99	40.29	38.44	39.57	2.51	ppb
Barium	137-1	39.69	40.33	40.69	40.23	1.25	ppb
Beryllium	9-1	-0.02	0.00	0.01	0.00		ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	40.28	40.74	36.16	39.06	6.46	ppb
Boron	11-1	36.22	34.33	34.72	35.09	2.85	ppb
Cadmium	111-1	-0.10	-0.08	0.04	-0.05		ppb
Cadmium	106-1	-1.48	-1.13	0.19	-0.81		ppb
Cadmium	108-1	0.31	0.60	0.31	0.41	41.73	ppb
Calcium	43-1	20664.45	20839.96	20591.36	20698.59	0.62	ppb
Calcium	44-1	20004.46	20793.32	20676.41	20491.40	2.08	ppb
Chromium	52-2	0.21	0.31	0.30	0.27	21.45	ppb
Cobalt	59-2	0.03	0.04	0.02	0.03	38.43	ppb
Copper	63-2	548.97	536.87	548.34	544.73	1.25	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				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	24.48	23.35	23.97	23.93	2.35	ppb
Iron	57-2	23.79	25.20	21.13	23.37	8.84	ppb
Lead	206-1	3.97	4.21	3.94	4.04	3.69	ppb
Lead	207-1	3.67	3.59	3.63	3.63	1.11	ppb
Lead	208-1	3.92	3.86	3.77	3.85	1.88	ppb
Lithium	6-1				97		%
Magnesium	24-2	6614.15	6527.75	6650.30	6597.40	0.95	ppb
Manganese	55-2	11.85	12.05	11.65	11.85	1.72	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-03	Instrumnet Name :	P8
Client Sample ID :	MENS-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:08:02	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.32	0.32	0.34	0.32	3.02	ppb
Molybdenum	95-1	0.47	0.46	0.47	0.47	1.32	ppb
Molybdenum	96-1	0.43	0.39	0.41	0.41	5.28	ppb
Molybdenum	97-1	0.61	0.53	0.35	0.50	27.01	ppb
Molybdenum	98-1	0.40	0.49	0.42	0.44	11.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.11	4.27	4.33	4.24	2.75	ppb
Phosphorus	31-2	303.72	323.05	270.45	299.07	8.90	ppb
Potassium	39-2	1794.03	1823.57	1796.49	1804.70	0.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.61	0.04	0.31	0.32	88.80	ppb
Selenium	82-1	0.81	1.29	1.27	1.12	24.30	ppb
Silicon	28-1	4532.23	4572.05	4545.75	4550.01	0.45	ppb
Silver	109-1	0.02	0.03	0.04	0.03	24.25	ppb
Silver	107-1	0.02	0.03	0.04	0.03	35.05	ppb
Sodium	23-2	27461.86	27174.95	27269.71	27302.17	0.54	ppb
Strontium	86-1	94.12	95.36	91.81	93.76	1.92	ppb
Strontium	88-1	95.49	96.51	95.01	95.67	0.80	ppb
Sulfur	34-1	12259.69	12617.58	13092.49	12656.58	3.30	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.00	0.01	0.01	70.35	ppb
Thallium	205-1	0.00	0.02	0.01	0.01	107.04	ppb
Tin	118-1	0.05	0.03	0.04	0.04	16.55	ppb
Titanium	47-1	0.02	0.19	0.05	0.09	104.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	155.55	ppb
Vanadium	51-2	0.51	0.61	0.52	0.55	9.81	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	980.98	969.14	967.87	972.66	0.74	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	1141.22	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-03	Instrumnet Name :	P8
Client Sample ID :	MENS-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:08:02	DataFile Name :	035SMPL.d

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

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : K3003-05 Instrumnet Name : P8
 Client Sample ID : WOMENS-BATHROOM- DataFile Name : 036SMPL.d
 Date & Time Acquired :: 2019-05-25 16:11:39

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.35	8.56	7.65	7.52	14.75	ppb
Antimony	121-1	0.13	0.19	0.16	0.16	18.16	ppb
Arsenic	75-2	0.22	0.23	0.16	0.21	19.24	ppb
Barium	135-1	39.17	38.44	37.04	38.22	2.83	ppb
Barium	137-1	38.62	38.72	37.11	38.15	2.37	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	42.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	30.51	39.51	35.27	35.10	12.82	ppb
Boron	11-1	34.21	33.85	37.97	35.34	6.45	ppb
Cadmium	111-1	-0.01	-0.08	-0.04	-0.04		ppb
Cadmium	106-1	-0.66	-1.36	-0.90	-0.97		ppb
Cadmium	108-1	0.31	0.19	0.19	0.23	30.92	ppb
Calcium	43-1	20562.24	20659.27	19935.41	20385.64	1.93	ppb
Calcium	44-1	20308.26	20482.93	19348.93	20046.71	3.05	ppb
Chromium	52-2	0.45	0.31	0.36	0.37	18.09	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	4.20	ppb
Copper	63-2	250.00	247.25	245.36	247.54	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	23.92	23.07	22.55	23.18	2.97	ppb
Iron	57-2	18.97	24.88	23.92	22.59	14.04	ppb
Lead	206-1	7.25	7.30	6.99	7.18	2.31	ppb
Lead	207-1	6.52	6.77	6.56	6.62	1.98	ppb
Lead	208-1	6.83	6.97	6.79	6.86	1.34	ppb
Lithium	6-1				95		%
Magnesium	24-2	6703.29	6636.94	6580.62	6640.28	0.92	ppb
Manganese	55-2	10.46	10.83	9.89	10.39	4.55	ppb

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : K3003-05 Instrumnet Name : P8
 Client Sample ID : WOMENS-BATHROOM- DataFile Name : 036SMPL.d
 Date & Time Acquired :: 2019-05-25 16:11:39

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.37	0.35	0.29	0.33	12.66	ppb
Molybdenum	95-1	0.44	0.49	0.40	0.44	9.65	ppb
Molybdenum	96-1	0.43	0.52	0.46	0.47	9.40	ppb
Molybdenum	97-1	0.44	0.42	0.58	0.48	18.04	ppb
Molybdenum	98-1	0.49	0.46	0.46	0.47	3.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.01	23.00	23.22	22.75	2.83	ppb
Phosphorus	31-2	394.16	305.60	295.46	331.74	16.37	ppb
Potassium	39-2	1747.90	1793.35	1780.23	1773.83	1.32	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.60	0.99	0.15	0.58	71.90	ppb
Selenium	82-1	0.59	0.91	-0.08	0.48	106.12	ppb
Silicon	28-1	4504.93	4643.90	4268.31	4472.38	4.25	ppb
Silver	109-1	0.01	0.01	0.01	0.01	41.46	ppb
Silver	107-1	0.01	0.01	0.02	0.01	46.47	ppb
Sodium	23-2	27251.18	26717.39	26275.58	26748.05	1.83	ppb
Strontium	86-1	95.46	95.70	90.34	93.83	3.23	ppb
Strontium	88-1	97.92	99.43	92.45	96.60	3.80	ppb
Sulfur	34-1	12415.25	12921.80	11700.10	12345.71	4.97	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.01	0.00	0.01	74.42	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	41.73	ppb
Tin	118-1	0.01	0.05	0.05	0.04	68.70	ppb
Titanium	47-1	0.40	0.32	0.09	0.27	60.33	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.95	ppb
Vanadium	51-2	0.54	0.52	0.50	0.52	3.10	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	703.20	705.63	702.14	703.65	0.25	ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	189.47	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-05	Instrumnet Name :	P8
Client Sample ID :	WOMENS-BATHROOM-/	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:11:39	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.00	0.01	134.33	ppb

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : K3003-07 Instrumnet Name : P8
 Client Sample ID : STAFF-BATHROOM-A Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 16:15:17 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.77	5.25	7.55	5.86	25.35	ppb
Antimony	121-1	0.21	0.23	0.22	0.22	4.16	ppb
Arsenic	75-2	0.14	0.21	0.14	0.16	25.62	ppb
Barium	135-1	39.72	39.90	40.15	39.92	0.54	ppb
Barium	137-1	40.03	40.94	40.79	40.59	1.21	ppb
Beryllium	9-1	-0.01	-0.01	0.02	0.00	1226.66	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	37.08	29.49	33.89	33.49	11.37	ppb
Boron	11-1	33.71	33.68	36.86	34.75	5.26	ppb
Cadmium	111-1	0.10	0.00	0.04	0.05	103.92	ppb
Cadmium	106-1	0.53	-0.59	0.16	0.03	1719.96	ppb
Cadmium	108-1	0.48	0.31	0.90	0.56	54.05	ppb
Calcium	43-1	21387.42	20778.15	21501.58	21222.38	1.83	ppb
Calcium	44-1	21127.93	20356.38	21185.38	20889.90	2.22	ppb
Chromium	52-2	0.35	0.32	0.37	0.35	6.50	ppb
Cobalt	59-2	0.03	0.03	0.04	0.03	14.47	ppb
Copper	63-2	566.69	565.37	569.88	567.31	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	23.08	22.53	22.99	22.87	1.30	ppb
Iron	57-2	19.62	26.82	22.42	22.95	15.83	ppb
Lead	206-1	8.30	8.47	8.44	8.40	1.10	ppb
Lead	207-1	7.42	7.69	7.85	7.66	2.85	ppb
Lead	208-1	7.85	8.03	8.07	7.98	1.47	ppb
Lithium	6-1				95		%
Magnesium	24-2	6964.71	6973.74	7021.47	6986.64	0.44	ppb
Manganese	55-2	7.82	7.67	7.95	7.81	1.80	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-07	Instrumnet Name :	P8
Client Sample ID :	STAFF-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:15:17	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.39	0.30	0.43	0.37	17.12	ppb
Molybdenum	95-1	0.50	0.57	0.54	0.54	6.08	ppb
Molybdenum	96-1	0.51	0.56	0.55	0.54	4.27	ppb
Molybdenum	97-1	0.49	0.58	0.57	0.55	9.59	ppb
Molybdenum	98-1	0.49	0.54	0.46	0.50	7.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.68	2.68	2.48	2.61	4.55	ppb
Phosphorus	31-2	226.03	187.72	361.02	258.26	35.25	ppb
Potassium	39-2	1676.39	1704.87	1713.63	1698.30	1.15	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	1.26	-0.58	-0.58	0.04	2932.13	ppb
Selenium	78-2	0.61	0.53	0.65	0.59	10.42	ppb
Selenium	82-1	0.33	-0.63	0.80	0.17	431.54	ppb
Silicon	28-1	4632.25	4657.75	4600.93	4630.31	0.61	ppb
Silver	109-1	0.04	0.05	0.03	0.04	16.46	ppb
Silver	107-1	0.06	0.04	0.05	0.05	28.10	ppb
Sodium	23-2	27618.73	27827.86	28109.20	27851.93	0.88	ppb
Strontium	86-1	96.81	99.86	99.62	98.76	1.72	ppb
Strontium	88-1	100.98	101.90	101.66	101.51	0.47	ppb
Sulfur	34-1	12989.86	12479.03	12866.76	12778.55	2.09	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.00	0.01	0.00	105.93	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	36.60	ppb
Tin	118-1	0.06	0.02	0.04	0.04	41.30	ppb
Titanium	47-1	0.10	-0.01	0.21	0.10	111.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	77.73	ppb
Vanadium	51-2	0.56	0.54	0.56	0.55	3.00	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	1283.27	1286.05	1292.10	1287.14	0.35	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-07	Instrumnet Name :	P8
Client Sample ID :	STAFF-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:15:17	DataFile Name :	037SMPL.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-09	Instrumnet Name :	P8
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:18:54	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.97	0.46	0.84	0.11	879.48	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	6.71	ppb
Arsenic	75-2	-0.01	0.01	-0.01	0.00	8288.43	ppb
Barium	135-1	0.02	0.03	0.04	0.03	35.55	ppb
Barium	137-1	0.03	0.04	0.02	0.03	45.79	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	70.92	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	7.33	4.70	8.56	6.86	28.72	ppb
Boron	11-1	8.03	7.66	6.92	7.53	7.48	ppb
Cadmium	111-1	-0.05	0.09	0.10	0.05	169.40	ppb
Cadmium	106-1	-0.64	1.39	1.49	0.75	160.57	ppb
Cadmium	108-1	-0.04	0.02	-0.04	-0.02		ppb
Calcium	43-1	-2.15	-5.92	4.02	-1.35		ppb
Calcium	44-1	20.17	17.71	18.04	18.64	7.16	ppb
Chromium	52-2	0.36	0.45	0.32	0.38	17.99	ppb
Cobalt	59-2	0.14	0.14	0.15	0.14	5.84	ppb
Copper	63-2	0.11	0.06	0.06	0.08	35.77	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				101		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	1.13	1.37	1.51	1.34	14.09	ppb
Iron	57-2	1.84	1.66	0.45	1.32	57.32	ppb
Lead	206-1	-0.01	0.00	0.00	0.00		ppb
Lead	207-1	-0.01	0.00	0.00	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00	55.64	ppb
Lithium	6-1				95		%
Magnesium	24-2	2.50	1.81	0.56	1.62	60.46	ppb
Manganese	55-2	-0.13	-0.05	-0.09	-0.09		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-09	Instrumnet Name :	P8
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:18:54	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.05	-0.02	0.02	212.41	ppb
Molybdenum	95-1	-0.01	-0.02	-0.02	-0.01		ppb
Molybdenum	96-1	0.01	0.02	-0.01	0.01	249.39	ppb
Molybdenum	97-1	0.02	-0.02	0.02	0.01	425.99	ppb
Molybdenum	98-1	-0.02	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.03	0.02	0.02	95.34	ppb
Phosphorus	31-2	-35.54	-122.75	-80.77	-79.69		ppb
Potassium	39-2	-4.71	2.17	-3.44	-1.99		ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	-0.19	-0.09	0.35	0.02	1280.15	ppb
Selenium	82-1	-0.27	0.76	-0.13	0.12	467.45	ppb
Silicon	28-1	-15.49	-15.78	-23.15	-18.14		ppb
Silver	109-1	0.00	0.01	0.01	0.01	42.51	ppb
Silver	107-1	0.00	0.00	0.01	0.00	39.45	ppb
Sodium	23-2	21.64	20.04	18.83	20.17	6.99	ppb
Strontium	86-1	0.00	0.08	-0.09	0.00		ppb
Strontium	88-1	0.02	0.02	0.03	0.02	13.82	ppb
Sulfur	34-1	-1162.89	-1104.25	-1441.12	-1236.09		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.07	0.07	0.07	0.07	3.34	ppb
Titanium	47-1	0.10	0.25	-0.17	0.06	364.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	86.03	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	1.33	1.37	1.81	1.50	17.89	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	120.37	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-09	Instrumnet Name :	P8
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:18:54	DataFile Name :	038SMPL.d

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

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : PB120044BL Instrumnet Name : P8
 Client Sample ID : PB120044BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 16:22:33 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.90	-0.64	0.71	0.32	260.64	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	50.10	ppb
Arsenic	75-2	0.00	-0.01	0.02	0.00	865.63	ppb
Barium	135-1	0.01	-0.01	0.01	0.00	435.42	ppb
Barium	137-1	0.00	0.02	0.01	0.01	136.90	ppb
Beryllium	9-1	0.01	-0.01	0.00	0.00	1135.02	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	6.91	3.83	4.27	5.01	33.30	ppb
Boron	11-1	5.01	4.67	5.39	5.02	7.18	ppb
Cadmium	111-1	-0.09	-0.12	-0.13	-0.12		ppb
Cadmium	106-1	-1.33	-1.61	-1.85	-1.60		ppb
Cadmium	108-1	-0.04	0.02	0.02	0.00		ppb
Calcium	43-1	-6.22	-12.90	-7.36	-8.83		ppb
Calcium	44-1	0.51	6.15	1.59	2.75	108.90	ppb
Chromium	52-2	0.04	0.01	0.04	0.03	52.25	ppb
Cobalt	59-2	-0.02	-0.03	-0.02	-0.03		ppb
Copper	63-2	0.01	-0.01	0.02	0.00	294.86	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				103		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	0.44	0.13	0.23	0.27	59.23	ppb
Iron	57-2	0.49	1.91	-0.11	0.76	135.68	ppb
Lead	206-1	-0.03	-0.05	-0.03	-0.04		ppb
Lead	207-1	-0.02	-0.03	-0.02	-0.02		ppb
Lead	208-1	-0.03	-0.03	-0.03	-0.03		ppb
Lithium	6-1				97		%
Magnesium	24-2	0.76	0.39	0.90	0.68	38.51	ppb
Manganese	55-2	-0.17	-0.16	-0.16	-0.16		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120044BL	Instrumnet Name :	P8
Client Sample ID :	PB120044BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:22:33	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.01	0.00	578.55	ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	-0.02	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.03	0.04	0.01	0.03	71.26	ppb
Molybdenum	98-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.03	0.00		ppb
Phosphorus	31-2	-85.10	-120.97	-78.75	-94.94		ppb
Potassium	39-2	-25.14	-6.69	2.49	-9.78		ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	1.41	-0.28	-0.18	0.32	298.33	ppb
Selenium	82-1	0.20	0.15	-0.73	-0.13		ppb
Silicon	28-1	-96.40	-91.96	-56.86	-81.74		ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.74	ppb
Silver	107-1	0.01	0.01	0.01	0.01	0.55	ppb
Sodium	23-2	6.50	5.91	5.70	6.04	6.88	ppb
Strontium	86-1	-0.06	-0.03	-0.05	-0.05		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	28.21	ppb
Sulfur	34-1	-2094.43	-1983.97	-1707.43	-1928.61		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb
Titanium	47-1	-0.02	-0.14	-0.05	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.01	0.01	0.00	530.02	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	0.07	0.04	0.07	0.06	27.29	ppb
Zirconium	90-1	-0.01	0.02	0.00	0.00	325.91	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120044BL	Instrumnet Name :	P8
Client Sample ID :	PB120044BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:22:33	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	-0.01	-0.02	0.01	460.62	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120044BS	Instrumnet Name :	P8
Client Sample ID :	PB120044BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:26:22	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9414.87	8439.50	8238.40	8697.59	7.23	ppb
Antimony	121-1	491.41	502.01	491.37	494.93	1.24	ppb
Arsenic	75-2	562.31	498.53	485.39	515.41	7.98	ppb
Barium	135-1	2459.51	2483.15	2483.08	2475.25	0.55	ppb
Barium	137-1	2467.33	2486.47	2489.34	2481.05	0.48	ppb
Beryllium	9-1	499.51	493.58	494.04	495.71	0.67	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	448.63	456.93	480.67	462.08	3.60	ppb
Boron	11-1	449.19	454.03	464.67	455.96	1.74	ppb
Cadmium	111-1	486.64	492.54	483.70	487.63	0.92	ppb
Cadmium	106-1	493.51	498.23	478.49	490.07	2.10	ppb
Cadmium	108-1	476.03	488.10	480.10	481.41	1.28	ppb
Calcium	43-1	51193.80	51051.07	51593.06	51279.31	0.55	ppb
Calcium	44-1	49145.98	49717.91	49072.33	49312.08	0.72	ppb
Chromium	52-2	565.81	505.61	502.97	524.79	6.77	ppb
Cobalt	59-2	572.16	510.98	509.14	530.76	6.76	ppb
Copper	63-2	1165.59	1035.48	1028.99	1076.69	7.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	28292.51	25220.00	25485.23	26332.58	6.47	ppb
Iron	57-2	25584.76	23065.40	22161.15	23603.77	7.52	ppb
Lead	206-1	479.76	475.84	475.29	476.96	0.51	ppb
Lead	207-1	474.63	475.58	476.66	475.62	0.21	ppb
Lead	208-1	488.03	486.92	488.61	487.85	0.18	ppb
Lithium	6-1				100		%
Magnesium	24-2	56107.21	49436.42	49677.60	51740.41	7.31	ppb
Manganese	55-2	1114.98	1000.66	998.38	1038.01	6.42	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120044BS	Instrumnet Name :	P8
Client Sample ID :	PB120044BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:26:22	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2487.16	2453.75	2445.16	2462.03	0.90	ppb
Molybdenum	95-1	2489.68	2465.64	2506.74	2487.35	0.83	ppb
Molybdenum	96-1	2472.67	2452.40	2466.68	2463.91	0.42	ppb
Molybdenum	97-1	2474.21	2433.78	2478.91	2462.30	1.01	ppb
Molybdenum	98-1	2486.12	2409.69	2443.72	2446.51	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	576.04	516.09	507.69	533.27	6.99	ppb
Phosphorus	31-2	11009.25	10031.01	10082.33	10374.20	5.31	ppb
Potassium	39-2	26902.70	24209.01	24279.61	25130.44	6.11	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	552.07	494.31	534.05	526.81	5.61	ppb
Selenium	78-2	559.56	498.52	488.09	515.39	7.49	ppb
Selenium	82-1	496.93	489.74	489.68	492.12	0.85	ppb
Silicon	28-1	472.04	459.44	503.28	478.25	4.72	ppb
Silver	109-1	498.66	503.20	497.24	499.70	0.62	ppb
Silver	107-1	491.97	489.91	487.81	489.90	0.42	ppb
Sodium	23-2	54981.51	49235.99	48734.91	50984.13	6.81	ppb
Strontium	86-1	492.95	483.50	479.95	485.46	1.38	ppb
Strontium	88-1	500.73	485.84	493.09	493.22	1.51	ppb
Sulfur	34-1	8644.42	8654.66	8915.63	8738.24	1.76	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	495.48	495.09	475.68	488.75	2.32	ppb
Thallium	205-1	501.50	498.43	485.81	495.25	1.68	ppb
Tin	118-1	486.34	487.89	479.28	484.51	0.95	ppb
Titanium	47-1	2466.26	2452.00	2487.40	2468.55	0.72	ppb
Uranium	238-1	497.68	491.06	492.04	493.60	0.72	ppb
Vanadium	51-2	564.96	502.36	496.26	521.19	7.30	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	1139.12	1020.10	1014.33	1057.85	6.66	ppb
Zirconium	90-1	491.61	488.05	493.06	490.91	0.52	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120044BS	Instrumnet Name :	P8
Client Sample ID :	PB120044BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:26:22	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	487.62	481.17	484.62	484.47	0.67	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:29:58	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47238.30	45985.66	47238.19	46820.72	1.54	ppb
Antimony	121-1	490.92	488.17	496.63	491.90	0.88	ppb
Arsenic	75-2	502.98	498.33	495.53	498.95	0.75	ppb
Barium	135-1	2473.87	2496.74	2513.07	2494.56	0.79	ppb
Barium	137-1	2500.54	2488.61	2515.69	2501.61	0.54	ppb
Beryllium	9-1	501.86	509.22	505.50	505.53	0.73	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	502.99	521.32	526.14	516.82	2.36	ppb
Boron	11-1	498.72	508.63	527.45	511.60	2.85	ppb
Cadmium	111-1	483.75	479.40	483.60	482.25	0.51	ppb
Cadmium	106-1	482.23	479.15	488.57	483.32	0.99	ppb
Cadmium	108-1	486.84	479.66	482.76	483.09	0.75	ppb
Calcium	43-1	247477.83	243802.38	255089.24	248789.82	2.31	ppb
Calcium	44-1	239776.57	235816.07	245867.10	240486.58	2.11	ppb
Chromium	52-2	519.27	507.53	504.01	510.27	1.57	ppb
Cobalt	59-2	522.71	505.77	501.66	510.04	2.19	ppb
Copper	63-2	1026.05	1000.82	989.53	1005.47	1.86	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				102		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	125824.32	124301.72	122015.08	124047.04	1.55	ppb
Iron	57-2	119514.28	115974.35	117873.02	117787.22	1.50	ppb
Lead	206-1	480.70	483.92	488.13	484.25	0.77	ppb
Lead	207-1	480.18	483.42	485.06	482.88	0.51	ppb
Lead	208-1	489.55	494.10	500.08	494.58	1.07	ppb
Lithium	6-1				101		%
Magnesium	24-2	246278.27	239052.57	236633.20	240654.68	2.09	ppb
Manganese	55-2	1022.82	1002.83	993.73	1006.46	1.48	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:29:58	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2526.39	2494.58	2551.56	2524.18	1.13	ppb
Molybdenum	95-1	2502.36	2522.93	2534.24	2519.84	0.64	ppb
Molybdenum	96-1	2492.52	2497.84	2577.26	2522.54	1.88	ppb
Molybdenum	97-1	2525.95	2515.99	2567.25	2536.40	1.07	ppb
Molybdenum	98-1	2508.08	2516.96	2544.20	2523.08	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.46	502.13	495.10	504.90	2.26	ppb
Phosphorus	31-2	10244.72	10392.56	10355.13	10330.81	0.74	ppb
Potassium	39-2	121666.12	118697.70	119753.53	120039.12	1.25	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	497.17	513.47	496.29	502.31	1.93	ppb
Selenium	78-2	499.24	479.82	483.29	487.45	2.12	ppb
Selenium	82-1	491.51	483.10	508.63	494.42	2.63	ppb
Silicon	28-1	471.26	454.52	524.23	483.33	7.53	ppb
Silver	109-1	484.82	480.37	494.43	486.54	1.48	ppb
Silver	107-1	476.24	482.74	486.49	481.82	1.08	ppb
Sodium	23-2	246462.16	237090.66	238397.94	240650.25	2.11	ppb
Strontium	86-1	493.66	498.63	503.82	498.70	1.02	ppb
Strontium	88-1	501.89	503.70	508.00	504.53	0.62	ppb
Sulfur	34-1	9502.46	8912.13	9812.35	9408.98	4.86	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	490.91	499.48	503.25	497.88	1.27	ppb
Thallium	205-1	510.38	504.31	519.11	511.27	1.46	ppb
Tin	118-1	488.46	481.73	491.14	487.11	0.99	ppb
Titanium	47-1	2527.09	2496.84	2609.48	2544.47	2.29	ppb
Uranium	238-1	504.46	511.80	517.81	511.36	1.31	ppb
Vanadium	51-2	513.48	503.98	502.58	506.68	1.17	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	1021.01	1004.68	987.00	1004.23	1.69	ppb
Zirconium	90-1	502.49	506.52	520.67	509.89	1.87	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:29:58	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.36	494.11	505.54	499.00	1.18	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:36:23	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.70	0.21	-0.25	0.22	217.36	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	3.60	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	-0.01	-0.01	0.01	0.00		ppb
Barium	137-1	0.00	0.02	0.01	0.01	104.76	ppb
Beryllium	9-1	0.12	0.09	0.02	0.07	69.55	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	21.30	28.04	21.81	23.72	15.84	ppb
Boron	11-1	26.12	26.01	25.51	25.88	1.25	ppb
Cadmium	111-1	-0.10	-0.03	0.01	-0.04		ppb
Cadmium	106-1	-1.45	-0.62	0.13	-0.65		ppb
Cadmium	108-1	-0.04	0.02	0.08	0.02	316.99	ppb
Calcium	43-1	-9.82	-20.06	-9.57	-13.15		ppb
Calcium	44-1	6.53	8.02	3.84	6.13	34.57	ppb
Chromium	52-2	0.02	0.11	-0.02	0.04	170.05	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.10	0.11	0.13	0.12	14.96	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				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	0.84	0.87	0.66	0.79	14.23	ppb
Iron	57-2	1.73	-0.73	1.21	0.74	175.72	ppb
Lead	206-1	0.08	0.08	0.05	0.07	21.74	ppb
Lead	207-1	0.07	0.08	0.08	0.07	4.11	ppb
Lead	208-1	0.08	0.08	0.04	0.07	31.75	ppb
Lithium	6-1				103		%
Magnesium	24-2	2.05	0.91	0.60	1.19	64.07	ppb
Manganese	55-2	-0.08	-0.13	-0.09	-0.10		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:36:23	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	0.03	0.02	0.01	266.35	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.01	124.30	ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.02	0.01	0.03	0.02	57.39	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	46.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.03	0.01	0.02	68.17	ppb
Phosphorus	31-2	-62.30	-108.74	-37.77	-69.60		ppb
Potassium	39-2	-5.25	-3.45	-0.54	-3.08		ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	-0.28	0.14	0.09	-0.02		ppb
Selenium	82-1	-0.22	-0.11	0.99	0.22	302.76	ppb
Silicon	28-1	-29.28	-74.74	-56.06	-53.36		ppb
Silver	109-1	0.07	0.06	0.05	0.06	17.94	ppb
Silver	107-1	0.08	0.06	0.06	0.07	17.67	ppb
Sodium	23-2	27.39	21.38	23.26	24.01	12.80	ppb
Strontium	86-1	0.02	-0.05	-0.07	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	82.36	ppb
Sulfur	34-1	-913.22	-1550.25	-1340.41	-1267.96		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	0.01	0.01	0.01	179.73	ppb
Thallium	205-1	0.01	0.02	0.00	0.01	73.37	ppb
Tin	118-1	-0.01	0.03	0.00	0.01	290.32	ppb
Titanium	47-1	0.01	0.06	0.05	0.04	64.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	-0.01	0.00	536.95	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	-0.07	0.03	-0.05	-0.03		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	109.51	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:36:23	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	-0.01	0.01	129.64	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-01	Instrumnet Name :	P8
Client Sample ID :	S73-0227	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:40:02	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.12	16.14	14.90	16.72	12.98	ppb
Antimony	121-1	2.96	2.24	1.97	2.39	21.42	ppb
Arsenic	75-2	138.19	136.26	138.42	137.62	0.86	ppb
Barium	135-1	11.17	11.54	11.81	11.51	2.80	ppb
Barium	137-1	11.07	12.00	11.26	11.44	4.28	ppb
Beryllium	9-1	-0.01	0.02	0.00	0.00	247.61	ppb
Bismuth	209-1				115		%
Bismuth	209-2				97		%
Boron	10-1	37.11	43.67	43.76	41.51	9.19	ppb
Boron	11-1	38.83	37.93	38.66	38.47	1.23	ppb
Cadmium	111-1	-0.05	-0.02	-0.12	-0.06		ppb
Cadmium	106-1	-1.90	-1.12	-2.50	-1.84		ppb
Cadmium	108-1	0.14	-0.04	0.02	0.04	237.83	ppb
Calcium	43-1	85420.48	84638.76	84951.29	85003.51	0.46	ppb
Calcium	44-1	81144.22	84350.52	82996.35	82830.36	1.94	ppb
Chromium	52-2	0.26	0.31	0.37	0.31	17.60	ppb
Cobalt	59-2	0.60	0.50	0.56	0.55	9.53	ppb
Copper	63-2	5.07	5.11	5.22	5.13	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				104		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				86		%
Iron	56-2	14362.13	14072.87	14605.84	14346.94	1.86	ppb
Iron	57-2	11890.64	11900.43	12008.73	11933.27	0.55	ppb
Lead	206-1	0.21	0.12	0.13	0.16	32.23	ppb
Lead	207-1	0.16	0.17	0.17	0.16	2.13	ppb
Lead	208-1	0.19	0.14	0.14	0.15	17.91	ppb
Lithium	6-1				87		%
Magnesium	24-2	16321.12	16046.48	16141.14	16169.58	0.86	ppb
Manganese	55-2	2069.79	2062.98	2076.31	2069.69	0.32	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-01	Instrumnet Name :	P8
Client Sample ID :	S73-0227	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:40:02	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.84	0.88	0.88	0.87	2.79	ppb
Molybdenum	95-1	1.07	1.11	1.15	1.11	3.60	ppb
Molybdenum	96-1	1.03	1.02	0.90	0.98	7.44	ppb
Molybdenum	97-1	1.26	1.10	1.30	1.22	8.82	ppb
Molybdenum	98-1	1.03	1.11	1.07	1.07	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.95	0.91	0.91	3.44	ppb
Phosphorus	31-2	-57.29	-46.39	-57.19	-53.62		ppb
Potassium	39-2	6102.28	6201.03	6176.88	6160.06	0.84	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				76		%
Scandium	45-2				83		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	-0.33	0.15	-0.43	-0.20		ppb
Selenium	82-1	-0.36	-0.24	0.98	0.13	577.85	ppb
Silicon	28-1	13315.78	12502.71	12710.02	12842.84	3.29	ppb
Silver	109-1	0.51	0.47	0.42	0.47	10.09	ppb
Silver	107-1	0.53	0.46	0.38	0.46	16.65	ppb
Sodium	23-2	23839.15	23416.04	23209.97	23488.39	1.37	ppb
Strontium	86-1	782.46	783.76	785.88	784.03	0.22	ppb
Strontium	88-1	787.40	796.03	793.85	792.43	0.57	ppb
Sulfur	34-1	2050.87	1705.27	1586.56	1780.90	13.54	ppb
Terbium	159-1				104		%
Terbium	159-2				93		%
Thallium	203-1	0.02	0.01	0.02	0.02	35.50	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.18	ppb
Tin	118-1	0.91	0.88	0.80	0.87	6.45	ppb
Titanium	47-1	0.87	0.26	0.46	0.53	57.68	ppb
Uranium	238-1	4.30	4.32	4.35	4.32	0.64	ppb
Vanadium	51-2	0.17	0.19	0.20	0.19	7.77	ppb
Yttrium	89-1				94		%
Yttrium	89-2				85		%
Zinc	66-2	7.41	7.17	8.19	7.59	6.99	ppb
Zirconium	90-1	0.05	0.04	0.05	0.05	10.74	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-01	Instrumnet Name :	P8
Client Sample ID :	S73-0227	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:40:02	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.06	0.05	0.05	13.44	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-02	Instrumnet Name :	P8
Client Sample ID :	S73-0228	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:43:39	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.10	10.92	15.02	14.01	19.50	ppb
Antimony	121-1	1.97	1.64	1.63	1.74	11.08	ppb
Arsenic	75-2	4.38	4.40	4.30	4.36	1.26	ppb
Barium	135-1	11.27	11.33	11.39	11.33	0.55	ppb
Barium	137-1	11.25	11.66	11.34	11.42	1.88	ppb
Beryllium	9-1	0.03	0.03	-0.01	0.02	114.76	ppb
Bismuth	209-1				110		%
Bismuth	209-2				96		%
Boron	10-1	40.84	40.41	41.87	41.04	1.83	ppb
Boron	11-1	39.09	37.66	40.67	39.14	3.85	ppb
Cadmium	111-1	-0.07	0.05	-0.02	-0.02		ppb
Cadmium	106-1	-2.88	-1.15	-2.38	-2.14		ppb
Cadmium	108-1	0.13	0.07	0.07	0.09	40.04	ppb
Calcium	43-1	74668.77	74466.29	74646.45	74593.83	0.15	ppb
Calcium	44-1	74031.31	71303.08	71814.62	72383.00	2.00	ppb
Chromium	52-2	0.37	0.38	0.41	0.39	4.66	ppb
Cobalt	59-2	1.67	1.64	1.63	1.65	1.21	ppb
Copper	63-2	3.27	3.21	3.27	3.25	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	56-2	897.51	888.15	893.91	893.19	0.53	ppb
Iron	57-2	726.89	722.02	747.50	732.14	1.85	ppb
Lead	206-1	0.08	0.07	0.10	0.08	16.54	ppb
Lead	207-1	0.12	0.11	0.12	0.12	4.27	ppb
Lead	208-1	0.09	0.10	0.09	0.09	3.38	ppb
Lithium	6-1				83		%
Magnesium	24-2	20153.14	20067.62	20087.76	20102.84	0.22	ppb
Manganese	55-2	2496.63	2494.81	2500.75	2497.40	0.12	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-02	Instrumnet Name :	P8
Client Sample ID :	S73-0228	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:43:39	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.70	0.78	0.69	0.72	6.55	ppb
Molybdenum	95-1	0.95	0.97	0.97	0.97	1.08	ppb
Molybdenum	96-1	1.11	0.90	0.84	0.95	15.05	ppb
Molybdenum	97-1	1.05	1.08	1.03	1.05	2.37	ppb
Molybdenum	98-1	0.95	1.05	0.99	1.00	5.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.07	3.18	3.19	3.15	2.09	ppb
Phosphorus	31-2	-69.80	-66.74	-98.44	-78.32		ppb
Potassium	39-2	4195.39	4204.29	4241.01	4213.56	0.57	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				75		%
Scandium	45-2				83		%
Selenium	77-2	-0.58	-0.58	5.42	1.42	243.26	ppb
Selenium	78-2	0.78	1.25	0.46	0.83	48.30	ppb
Selenium	82-1	0.42	1.94	-0.02	0.78	132.17	ppb
Silicon	28-1	6327.62	6254.59	6245.40	6275.87	0.72	ppb
Silver	109-1	0.15	0.13	0.15	0.14	9.04	ppb
Silver	107-1	0.14	0.16	0.13	0.14	10.84	ppb
Sodium	23-2	17177.29	16585.76	17003.63	16922.23	1.80	ppb
Strontium	86-1	433.08	430.74	426.83	430.22	0.73	ppb
Strontium	88-1	436.41	443.69	444.14	441.41	0.98	ppb
Sulfur	34-1	5695.43	5132.65	4680.91	5169.66	9.83	ppb
Terbium	159-1				106		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.02	0.01	25.35	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	66.14	ppb
Tin	118-1	0.64	0.59	0.60	0.61	3.93	ppb
Titanium	47-1	0.60	0.46	0.60	0.55	14.80	ppb
Uranium	238-1	1.95	1.95	1.94	1.95	0.13	ppb
Vanadium	51-2	0.21	0.23	0.23	0.22	5.92	ppb
Yttrium	89-1				97		%
Yttrium	89-2				86		%
Zinc	66-2	14.58	14.60	14.18	14.45	1.66	ppb
Zirconium	90-1	0.01	-0.01	0.01	0.01	169.35	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-02	Instrumnet Name :	P8
Client Sample ID :	S73-0228	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:43:39	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.00	227.29	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-03	Instrumnet Name :	P8
Client Sample ID :	S73-0226	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:47:17	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.02	10.59	12.18	12.26	14.02	ppb
Antimony	121-1	1.57	1.43	1.44	1.48	5.50	ppb
Arsenic	75-2	6.76	6.98	6.71	6.82	2.11	ppb
Barium	135-1	7.39	7.79	7.55	7.58	2.65	ppb
Barium	137-1	8.05	7.81	7.76	7.87	1.98	ppb
Beryllium	9-1	0.08	0.01	0.06	0.05	79.24	ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	10-1	25.20	25.55	25.64	25.46	0.92	ppb
Boron	11-1	26.08	26.78	25.08	25.98	3.29	ppb
Cadmium	111-1	2.34	2.50	2.36	2.40	3.63	ppb
Cadmium	106-1	0.41	0.49	-0.19	0.23	157.92	ppb
Cadmium	108-1	2.56	1.87	1.90	2.11	18.33	ppb
Calcium	43-1	17497.42	17813.08	17275.21	17528.57	1.54	ppb
Calcium	44-1	16806.74	17022.09	17412.53	17080.45	1.80	ppb
Chromium	52-2	0.38	0.42	0.46	0.42	9.68	ppb
Cobalt	59-2	0.02	-0.01	0.01	0.01	204.83	ppb
Copper	63-2	3.88	3.93	3.59	3.80	4.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	114.58	114.37	112.84	113.93	0.84	ppb
Iron	57-2	93.50	84.56	94.24	90.77	5.93	ppb
Lead	206-1	0.13	0.16	0.15	0.15	9.09	ppb
Lead	207-1	0.16	0.11	0.12	0.13	23.14	ppb
Lead	208-1	0.15	0.14	0.15	0.15	4.24	ppb
Lithium	6-1				81		%
Magnesium	24-2	3757.30	3660.83	3612.30	3676.81	2.01	ppb
Manganese	55-2	84.10	84.20	83.63	83.97	0.36	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-03	Instrumnet Name :	P8
Client Sample ID :	S73-0226	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:47:17	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.67	0.76	0.68	0.70	6.97	ppb
Molybdenum	95-1	0.37	0.35	0.36	0.36	3.16	ppb
Molybdenum	96-1	0.34	0.45	0.46	0.42	15.90	ppb
Molybdenum	97-1	0.30	0.48	0.43	0.41	22.81	ppb
Molybdenum	98-1	0.45	0.48	0.44	0.45	4.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.67	0.74	0.71	5.64	ppb
Phosphorus	31-2	-44.23	-83.71	-55.34	-61.09		ppb
Potassium	39-2	2550.56	2575.31	2558.55	2561.47	0.49	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				72		%
Scandium	45-2				84		%
Selenium	77-2	1.53	1.40	1.38	1.44	5.62	ppb
Selenium	78-2	0.20	-0.45	-0.29	-0.18		ppb
Selenium	82-1	-0.13	0.01	0.79	0.22	221.07	ppb
Silicon	28-1	4085.49	4054.99	3976.30	4038.93	1.39	ppb
Silver	109-1	0.09	0.07	0.07	0.08	20.08	ppb
Silver	107-1	0.08	0.08	0.08	0.08	3.36	ppb
Sodium	23-2	56088.11	54980.73	54462.56	55177.13	1.50	ppb
Strontium	86-1	70.31	72.98	71.90	71.73	1.87	ppb
Strontium	88-1	71.53	73.56	73.02	72.70	1.45	ppb
Sulfur	34-1	4556.66	4479.32	3956.80	4330.93	7.53	ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.00	0.00	0.00	182.58	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	60.83	ppb
Tin	118-1	0.50	0.46	0.43	0.47	7.40	ppb
Titanium	47-1	0.72	0.33	0.27	0.44	55.42	ppb
Uranium	238-1	1.68	1.76	1.75	1.73	2.33	ppb
Vanadium	51-2	0.35	0.45	0.39	0.39	13.14	ppb
Yttrium	89-1				96		%
Yttrium	89-2				88		%
Zinc	66-2	10.87	10.00	11.56	10.81	7.24	ppb
Zirconium	90-1	0.25	0.16	0.25	0.22	22.18	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-03	Instrumnet Name :	P8
Client Sample ID :	S73-0226	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:47:17	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.18	0.24	0.21	15.26	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-04	Instrumnet Name :	P8
Client Sample ID :	S73-0224	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:50:55	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.02	24.93	23.08	22.68	10.93	ppb
Antimony	121-1	1.44	1.21	1.43	1.36	9.67	ppb
Arsenic	75-2	110.42	109.12	108.72	109.42	0.81	ppb
Barium	135-1	12.78	11.97	15.77	13.51	14.81	ppb
Barium	137-1	12.79	12.26	15.97	13.67	14.70	ppb
Beryllium	9-1	0.04	0.02	0.11	0.06	82.54	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	31.54	28.01	34.19	31.25	9.93	ppb
Boron	11-1	29.37	25.77	32.00	29.04	10.78	ppb
Cadmium	111-1	-0.10	-0.06	-0.07	-0.08		ppb
Cadmium	106-1	-1.57	-0.95	-1.12	-1.21		ppb
Cadmium	108-1	0.07	0.12	0.28	0.16	71.54	ppb
Calcium	43-1	50711.06	47829.96	60797.15	53112.72	12.82	ppb
Calcium	44-1	49589.69	46773.55	59279.93	51881.06	12.65	ppb
Chromium	52-2	0.41	0.54	0.45	0.47	14.59	ppb
Cobalt	59-2	0.60	0.59	0.57	0.58	2.78	ppb
Copper	63-2	3.77	3.58	3.56	3.64	3.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				88		%
Iron	56-2	5770.44	5855.27	5774.71	5800.14	0.82	ppb
Iron	57-2	4619.33	4618.39	4400.57	4546.10	2.77	ppb
Lead	206-1	0.26	0.27	0.34	0.29	15.61	ppb
Lead	207-1	0.24	0.24	0.30	0.26	12.69	ppb
Lead	208-1	0.26	0.27	0.32	0.28	12.40	ppb
Lithium	6-1				79		%
Magnesium	24-2	9804.87	9756.82	9820.09	9793.93	0.34	ppb
Manganese	55-2	2582.38	2617.09	2596.00	2598.49	0.67	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-04	Instrumnet Name :	P8
Client Sample ID :	S73-0224	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:50:55	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	17.33	16.58	20.86	18.26	12.51	ppb
Molybdenum	95-1	24.31	23.53	30.17	26.00	13.95	ppb
Molybdenum	96-1	23.73	22.86	28.66	25.08	12.46	ppb
Molybdenum	97-1	24.99	24.79	30.42	26.73	11.94	ppb
Molybdenum	98-1	24.99	23.86	30.91	26.58	14.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.43	1.19	1.27	11.09	ppb
Phosphorus	31-2	81.37	48.30	20.59	50.09	60.76	ppb
Potassium	39-2	3437.11	3430.75	3470.64	3446.17	0.62	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				69		%
Scandium	45-2				83		%
Selenium	77-2	1.55	1.45	-0.58	0.81	148.37	ppb
Selenium	78-2	-0.17	0.13	0.09	0.02	894.68	ppb
Selenium	82-1	-0.20	0.31	0.31	0.14	214.96	ppb
Silicon	28-1	9370.80	8562.30	10839.71	9590.94	12.04	ppb
Silver	109-1	0.11	0.07	0.07	0.08	25.72	ppb
Silver	107-1	0.10	0.07	0.10	0.09	17.68	ppb
Sodium	23-2	24581.74	24863.98	24906.86	24784.19	0.71	ppb
Strontium	86-1	291.13	284.09	354.48	309.90	12.51	ppb
Strontium	88-1	301.11	287.96	366.79	318.62	13.25	ppb
Sulfur	34-1	1307.39	638.52	4197.11	2047.67	92.36	ppb
Terbium	159-1				105		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	0.01	0.00	0.01	13.97	ppb
Tin	118-1	0.50	0.49	0.58	0.52	8.80	ppb
Titanium	47-1	1.05	1.06	1.52	1.21	22.38	ppb
Uranium	238-1	0.53	0.55	0.68	0.59	13.47	ppb
Vanadium	51-2	0.39	0.32	0.29	0.33	15.38	ppb
Yttrium	89-1				91		%
Yttrium	89-2				87		%
Zinc	66-2	7.95	8.33	8.80	8.36	5.12	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	16.63	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-04	Instrumnet Name :	P8
Client Sample ID :	S73-0224	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:50:55	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.10	0.06	0.06	45.44	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-05	Instrumnet Name :	P8
Client Sample ID :	S73-0225	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:54:32	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.55	33.16	27.26	27.99	17.30	ppb
Antimony	121-1	1.37	1.09	1.15	1.20	12.13	ppb
Arsenic	75-2	108.44	117.39	108.19	111.34	4.71	ppb
Barium	135-1	12.02	12.60	12.42	12.35	2.41	ppb
Barium	137-1	12.31	12.78	12.39	12.49	2.02	ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	83.43	ppb
Bismuth	209-1				115		%
Bismuth	209-2				96		%
Boron	10-1	28.32	23.46	31.54	27.77	14.64	ppb
Boron	11-1	27.40	25.82	29.88	27.70	7.39	ppb
Cadmium	111-1	-0.14	-0.06	-0.21	-0.13		ppb
Cadmium	106-1	-2.33	-1.18	-3.15	-2.22		ppb
Cadmium	108-1	0.07	0.07	0.33	0.15	98.24	ppb
Calcium	43-1	49108.08	48015.66	48157.52	48427.09	1.23	ppb
Calcium	44-1	48677.09	47071.53	46992.48	47580.37	2.00	ppb
Chromium	52-2	0.52	0.70	0.52	0.58	17.54	ppb
Cobalt	59-2	0.68	0.61	0.64	0.65	5.54	ppb
Copper	63-2	3.61	3.70	3.59	3.63	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				96		%
Indium	115-1				103		%
Indium	115-2				86		%
Iron	56-2	5645.17	6051.63	5640.00	5778.93	4.09	ppb
Iron	57-2	4477.88	4885.30	4480.35	4614.51	5.08	ppb
Lead	206-1	0.27	0.29	0.34	0.30	11.06	ppb
Lead	207-1	0.32	0.24	0.31	0.29	15.17	ppb
Lead	208-1	0.28	0.28	0.32	0.29	7.32	ppb
Lithium	6-1				82		%
Magnesium	24-2	9498.40	10214.91	9428.45	9713.92	4.48	ppb
Manganese	55-2	2584.11	2727.77	2547.87	2619.92	3.63	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-05	Instrumnet Name :	P8
Client Sample ID :	S73-0225	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:54:32	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	17.20	17.39	16.62	17.07	2.36	ppb
Molybdenum	95-1	24.57	23.40	24.15	24.04	2.45	ppb
Molybdenum	96-1	23.84	23.30	23.22	23.45	1.44	ppb
Molybdenum	97-1	23.98	24.71	23.93	24.21	1.81	ppb
Molybdenum	98-1	25.23	24.96	24.41	24.87	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.27	1.38	1.24	1.29	5.67	ppb
Phosphorus	31-2	14.16	30.47	-57.49	-4.29		ppb
Potassium	39-2	3331.00	3630.63	3348.28	3436.64	4.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				91		%
Scandium	45-1				74		%
Scandium	45-2				81		%
Selenium	77-2	1.58	3.82	3.40	2.93	40.58	ppb
Selenium	78-2	-0.91	0.47	0.09	-0.12		ppb
Selenium	82-1	-0.21	0.79	0.17	0.25	203.90	ppb
Silicon	28-1	8662.11	8584.03	8833.60	8693.25	1.47	ppb
Silver	109-1	0.08	0.17	0.15	0.13	38.05	ppb
Silver	107-1	0.10	0.17	0.17	0.15	25.74	ppb
Sodium	23-2	23652.76	25607.72	23548.08	24269.52	4.78	ppb
Strontium	86-1	285.82	288.48	283.07	285.79	0.95	ppb
Strontium	88-1	295.09	291.72	298.46	295.09	1.14	ppb
Sulfur	34-1	1222.86	948.88	865.54	1012.42	18.46	ppb
Terbium	159-1				112		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.00	0.00	0.00	7992.25	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.46	0.43	0.45	0.45	2.69	ppb
Titanium	47-1	1.03	1.10	1.12	1.08	4.36	ppb
Uranium	238-1	0.51	0.50	0.54	0.52	3.84	ppb
Vanadium	51-2	0.29	0.34	0.32	0.32	8.70	ppb
Yttrium	89-1				98		%
Yttrium	89-2				84		%
Zinc	66-2	8.56	8.61	8.77	8.65	1.23	ppb
Zirconium	90-1	0.05	0.03	0.05	0.04	36.47	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-05	Instrumnet Name :	P8
Client Sample ID :	S73-0225	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:54:32	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.06	0.01	0.05	83.63	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-06	Instrumnet Name :	P8
Client Sample ID :	S81-0102	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:58:09	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	130.93	133.31	144.95	136.40	5.50	ppb
Antimony	121-1	1.30	1.18	1.17	1.22	6.18	ppb
Arsenic	75-2	16.32	16.78	16.89	16.67	1.81	ppb
Barium	135-1	33.09	33.84	32.86	33.26	1.54	ppb
Barium	137-1	32.83	33.29	32.06	32.73	1.89	ppb
Beryllium	9-1	0.06	0.03	0.04	0.04	27.67	ppb
Bismuth	209-1				115		%
Bismuth	209-2				99		%
Boron	10-1	25.74	31.48	27.11	28.11	10.65	ppb
Boron	11-1	27.13	29.64	28.13	28.30	4.45	ppb
Cadmium	111-1	0.02	-0.06	0.05	0.00	3220.64	ppb
Cadmium	106-1	-0.69	-1.24	-0.55	-0.83		ppb
Cadmium	108-1	0.07	0.23	0.01	0.10	109.07	ppb
Calcium	43-1	28745.01	29216.91	28775.24	28912.39	0.91	ppb
Calcium	44-1	28534.66	28610.99	27507.21	28217.62	2.18	ppb
Chromium	52-2	1.55	1.48	1.56	1.53	2.69	ppb
Cobalt	59-2	0.48	0.50	0.50	0.49	3.02	ppb
Copper	63-2	3.64	3.66	3.69	3.66	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				89		%
Iron	56-2	1048.14	1054.13	1054.12	1052.13	0.33	ppb
Iron	57-2	840.79	860.83	862.24	854.62	1.40	ppb
Lead	206-1	0.84	0.81	0.73	0.79	7.31	ppb
Lead	207-1	0.68	0.75	0.76	0.73	5.91	ppb
Lead	208-1	0.79	0.79	0.77	0.78	1.45	ppb
Lithium	6-1				81		%
Magnesium	24-2	11142.49	10988.58	10952.78	11027.95	0.91	ppb
Manganese	55-2	95.99	95.40	97.49	96.29	1.12	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-06	Instrumnet Name :	P8
Client Sample ID :	S81-0102	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:58:09	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.54	0.47	0.58	0.53	10.64	ppb
Molybdenum	95-1	0.48	0.42	0.48	0.46	8.18	ppb
Molybdenum	96-1	0.44	0.58	0.53	0.52	13.93	ppb
Molybdenum	97-1	0.48	0.54	0.59	0.54	9.85	ppb
Molybdenum	98-1	0.49	0.50	0.55	0.51	6.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.94	2.89	2.87	2.90	1.31	ppb
Phosphorus	31-2	-65.78	-83.45	-95.01	-81.41		ppb
Potassium	39-2	6667.62	6609.08	6653.24	6643.31	0.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				74		%
Scandium	45-2				84		%
Selenium	77-2	3.62	5.44	1.38	3.48	58.47	ppb
Selenium	78-2	0.00	0.64	1.46	0.70	104.07	ppb
Selenium	82-1	0.25	0.58	0.96	0.59	59.53	ppb
Silicon	28-1	5404.48	5779.12	5487.98	5557.20	3.54	ppb
Silver	109-1	0.03	0.02	0.04	0.03	24.62	ppb
Silver	107-1	0.05	0.04	0.05	0.05	6.84	ppb
Sodium	23-2	62547.09	62269.34	62221.77	62346.07	0.28	ppb
Strontium	86-1	165.54	163.75	163.49	164.26	0.68	ppb
Strontium	88-1	167.90	171.74	168.42	169.35	1.23	ppb
Sulfur	34-1	7094.05	7500.41	6423.94	7006.13	7.76	ppb
Terbium	159-1				112		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.01	0.00	66.61	ppb
Thallium	205-1	0.00	0.01	0.01	0.00	18.25	ppb
Tin	118-1	9.41	9.10	9.29	9.27	1.70	ppb
Titanium	47-1	6.63	7.16	6.95	6.91	3.82	ppb
Uranium	238-1	0.81	0.83	0.85	0.83	2.70	ppb
Vanadium	51-2	0.59	0.53	0.53	0.55	6.97	ppb
Yttrium	89-1				99		%
Yttrium	89-2				88		%
Zinc	66-2	245.22	239.30	243.27	242.60	1.24	ppb
Zirconium	90-1	0.18	0.15	0.15	0.16	10.15	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-06	Instrumnet Name :	P8
Client Sample ID :	S81-0102	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:58:09	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.15	0.18	0.22	0.18	20.38	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-07	Instrumnet Name :	P8
Client Sample ID :	S81-0103	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:01:47	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.40	4.94	6.65	5.33	22.07	ppb
Antimony	121-1	1.20	1.09	1.12	1.14	5.19	ppb
Arsenic	75-2	13.61	15.19	14.31	14.37	5.51	ppb
Barium	135-1	32.96	32.98	33.85	33.26	1.53	ppb
Barium	137-1	33.52	33.75	33.74	33.67	0.38	ppb
Beryllium	9-1	0.01	0.05	0.04	0.03	72.44	ppb
Bismuth	209-1				116		%
Bismuth	209-2				96		%
Boron	10-1	39.96	44.34	45.00	43.10	6.35	ppb
Boron	11-1	41.78	41.39	39.49	40.89	2.99	ppb
Cadmium	111-1	-0.24	-0.12	-0.06	-0.14		ppb
Cadmium	106-1	-3.73	-1.92	-1.28	-2.31		ppb
Cadmium	108-1	0.01	0.22	0.11	0.12	89.99	ppb
Calcium	43-1	60952.65	59972.88	58014.94	59646.83	2.51	ppb
Calcium	44-1	58746.18	58839.49	56333.42	57973.03	2.45	ppb
Chromium	52-2	0.37	0.45	0.39	0.40	9.95	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00		ppb
Copper	63-2	2.41	2.59	2.52	2.51	3.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				86		%
Iron	56-2	2475.12	2636.27	2561.66	2557.68	3.15	ppb
Iron	57-2	1880.15	2006.67	1996.64	1961.15	3.59	ppb
Lead	206-1	0.04	0.02	0.04	0.03	43.67	ppb
Lead	207-1	0.04	0.07	0.05	0.05	31.87	ppb
Lead	208-1	0.05	0.04	0.04	0.04	13.37	ppb
Lithium	6-1				83		%
Magnesium	24-2	16588.56	17636.00	17453.32	17225.96	3.25	ppb
Manganese	55-2	624.79	657.03	652.95	644.92	2.72	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-07	Instrumnet Name :	P8
Client Sample ID :	S81-0103	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:01:47	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.15	1.16	1.13	1.15	1.09	ppb
Molybdenum	95-1	1.82	1.81	1.64	1.75	5.74	ppb
Molybdenum	96-1	1.66	1.71	1.66	1.68	1.64	ppb
Molybdenum	97-1	1.78	1.90	1.82	1.83	3.38	ppb
Molybdenum	98-1	1.90	1.84	1.85	1.86	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	1.06	1.01	1.00	6.87	ppb
Phosphorus	31-2	-13.72	-106.48	-20.77	-46.99		ppb
Potassium	39-2	7492.93	8025.51	7893.29	7803.91	3.55	ppb
Rhodium	103-1				101		%
Rhodium	103-2				93		%
Scandium	45-1				75		%
Scandium	45-2				81		%
Selenium	77-2	-0.58	8.03	-0.58	2.29	216.61	ppb
Selenium	78-2	1.12	0.62	0.12	0.62	80.66	ppb
Selenium	82-1	0.51	0.41	0.56	0.50	15.95	ppb
Silicon	28-1	8029.19	7934.36	7831.67	7931.74	1.25	ppb
Silver	109-1	0.04	0.03	0.02	0.03	24.74	ppb
Silver	107-1	0.03	0.03	0.04	0.03	8.59	ppb
Sodium	23-2	23246.72	24727.19	24311.56	24095.16	3.17	ppb
Strontium	86-1	337.17	332.34	330.79	333.43	1.00	ppb
Strontium	88-1	338.39	339.09	342.18	339.89	0.59	ppb
Sulfur	34-1	5338.49	5279.92	3871.81	4830.08	17.19	ppb
Terbium	159-1				114		%
Terbium	159-2				95		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.40	0.45	0.38	0.41	7.92	ppb
Titanium	47-1	0.08	0.24	0.32	0.21	57.13	ppb
Uranium	238-1	0.35	0.39	0.37	0.37	5.81	ppb
Vanadium	51-2	0.17	0.19	0.13	0.16	19.62	ppb
Yttrium	89-1				100		%
Yttrium	89-2				85		%
Zinc	66-2	33.71	36.42	35.63	35.25	3.96	ppb
Zirconium	90-1	0.00	0.03	0.01	0.01	100.13	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-07	Instrumnet Name :	P8
Client Sample ID :	S81-0103	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:01:47	DataFile Name :	049SMPL.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09	Instrumnet Name :	P8
Client Sample ID :	S73-0229	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:05:24	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.41	15.40	8.84	11.22	32.39	ppb
Antimony	121-1	1.17	1.06	1.01	1.08	7.56	ppb
Arsenic	75-2	22.68	23.59	22.86	23.04	2.08	ppb
Barium	135-1	26.56	26.36	28.23	27.05	3.79	ppb
Barium	137-1	26.86	26.93	28.27	27.35	2.92	ppb
Beryllium	9-1	0.02	-0.02	0.06	0.02	190.57	ppb
Bismuth	209-1				116		%
Bismuth	209-2				99		%
Boron	10-1	27.69	32.07	27.20	28.99	9.24	ppb
Boron	11-1	27.90	30.39	29.59	29.29	4.33	ppb
Cadmium	111-1	-0.04	-0.18	-0.03	-0.09		ppb
Cadmium	106-1	-0.92	-2.87	-0.58	-1.46		ppb
Cadmium	108-1	-0.04	0.06	-0.04	-0.01		ppb
Calcium	43-1	80773.34	83794.22	81449.41	82005.66	1.93	ppb
Calcium	44-1	78064.99	79668.13	79201.03	78978.05	1.04	ppb
Chromium	52-2	0.41	0.48	0.61	0.50	20.34	ppb
Cobalt	59-2	0.97	0.94	0.98	0.96	2.16	ppb
Copper	63-2	2.53	2.57	2.40	2.50	3.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				88		%
Iron	56-2	3851.22	3883.65	3831.48	3855.45	0.68	ppb
Iron	57-2	2992.94	3010.98	3021.31	3008.41	0.48	ppb
Lead	206-1	0.03	0.03	0.05	0.04	30.91	ppb
Lead	207-1	0.03	0.06	0.05	0.04	30.17	ppb
Lead	208-1	0.04	0.04	0.04	0.04	9.64	ppb
Lithium	6-1				83		%
Magnesium	24-2	18567.66	18568.71	18393.87	18510.08	0.54	ppb
Manganese	55-2	4425.46	4449.44	4413.94	4429.61	0.41	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09	Instrumnet Name :	P8
Client Sample ID :	S73-0229	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:05:24	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.37	1.08	1.19	1.21	12.34	ppb
Molybdenum	95-1	1.78	1.68	1.95	1.80	7.32	ppb
Molybdenum	96-1	1.66	1.68	1.61	1.65	2.16	ppb
Molybdenum	97-1	1.78	1.75	1.77	1.77	0.77	ppb
Molybdenum	98-1	1.78	1.87	1.77	1.81	3.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.25	1.07	1.33	1.21	10.98	ppb
Phosphorus	31-2	-33.14	-92.51	-120.08	-81.91		ppb
Potassium	39-2	4762.18	4708.62	4774.91	4748.57	0.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				76		%
Scandium	45-2				83		%
Selenium	77-2	-0.58	5.50	-0.58	1.45	241.90	ppb
Selenium	78-2	0.58	0.67	0.44	0.56	20.23	ppb
Selenium	82-1	0.39	0.26	-0.02	0.21	98.26	ppb
Silicon	28-1	11625.43	12160.08	11555.22	11780.24	2.81	ppb
Silver	109-1	0.03	0.02	0.03	0.02	22.23	ppb
Silver	107-1	0.02	0.02	0.03	0.02	26.63	ppb
Sodium	23-2	20442.39	20540.89	19942.30	20308.53	1.58	ppb
Strontium	86-1	497.49	506.69	501.09	501.76	0.92	ppb
Strontium	88-1	505.64	508.22	512.84	508.90	0.72	ppb
Sulfur	34-1	2524.53	2944.36	2357.20	2608.70	11.60	ppb
Terbium	159-1				114		%
Terbium	159-2				99		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.46	0.46	0.49	0.47	3.95	ppb
Titanium	47-1	0.87	0.93	1.02	0.94	8.42	ppb
Uranium	238-1	1.57	1.53	1.62	1.58	2.88	ppb
Vanadium	51-2	0.20	0.19	0.18	0.19	6.74	ppb
Yttrium	89-1				101		%
Yttrium	89-2				87		%
Zinc	66-2	7.80	7.44	8.10	7.78	4.24	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	10.72	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09	Instrumnet Name :	P8
Client Sample ID :	S73-0229	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:05:24	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.03	0.03	12.95	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DUP	Instrumnet Name :	P8
Client Sample ID :	S73-0229DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:09:01	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.03	17.79	12.15	13.99	23.54	ppb
Antimony	121-1	1.14	1.10	1.00	1.08	6.64	ppb
Arsenic	75-2	23.13	26.09	24.40	24.54	6.05	ppb
Barium	135-1	27.73	26.79	28.16	27.56	2.53	ppb
Barium	137-1	28.08	27.11	27.40	27.53	1.82	ppb
Beryllium	9-1	-0.01	0.01	-0.01	0.00		ppb
Bismuth	209-1				117		%
Bismuth	209-2				93		%
Boron	10-1	27.65	35.13	30.57	31.12	12.12	ppb
Boron	11-1	28.67	30.73	29.99	29.80	3.51	ppb
Cadmium	111-1	-0.07	-0.10	-0.10	-0.09		ppb
Cadmium	106-1	-1.06	-1.97	-1.65	-1.56		ppb
Cadmium	108-1	0.06	0.06	0.01	0.05	62.25	ppb
Calcium	43-1	81228.46	81825.73	85056.59	82703.59	2.49	ppb
Calcium	44-1	78807.67	80372.53	81863.70	80347.96	1.90	ppb
Chromium	52-2	0.50	0.65	0.56	0.57	12.57	ppb
Cobalt	59-2	1.04	1.07	1.04	1.05	1.88	ppb
Copper	63-2	2.25	2.69	2.60	2.51	9.39	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				114		%
Holmium	165-2				93		%
Indium	115-1				105		%
Indium	115-2				82		%
Iron	56-2	3922.30	4353.19	4242.07	4172.52	5.36	ppb
Iron	57-2	2982.47	3374.41	3286.39	3214.43	6.40	ppb
Lead	206-1	0.02	0.03	0.03	0.03	19.01	ppb
Lead	207-1	0.03	0.04	0.00	0.02	101.48	ppb
Lead	208-1	0.04	0.04	0.02	0.03	37.44	ppb
Lithium	6-1				82		%
Magnesium	24-2	18655.07	20365.96	19894.98	19638.67	4.50	ppb
Manganese	55-2	4536.97	4928.48	4864.30	4776.59	4.40	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DUP	Instrumnet Name :	P8
Client Sample ID :	S73-0229DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:09:01	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.25	1.16	1.28	1.23	5.00	ppb
Molybdenum	95-1	1.65	1.71	1.66	1.68	1.91	ppb
Molybdenum	96-1	1.58	1.60	1.79	1.66	6.89	ppb
Molybdenum	97-1	1.67	1.83	1.71	1.74	4.74	ppb
Molybdenum	98-1	1.70	1.76	1.81	1.76	3.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.27	1.19	1.18	7.42	ppb
Phosphorus	31-2	-112.18	-10.51	-112.64	-78.44		ppb
Potassium	39-2	4856.19	5325.30	5250.17	5143.89	4.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				89		%
Scandium	45-1				75		%
Scandium	45-2				78		%
Selenium	77-2	7.92	-0.58	1.56	2.97	148.84	ppb
Selenium	78-2	0.97	-0.25	0.23	0.32	195.47	ppb
Selenium	82-1	0.49	1.05	-0.96	0.19	532.89	ppb
Silicon	28-1	12062.19	11557.63	12055.87	11891.90	2.43	ppb
Silver	109-1	0.03	0.02	0.03	0.02	25.12	ppb
Silver	107-1	0.03	0.02	0.02	0.02	16.13	ppb
Sodium	23-2	20400.09	22306.89	21878.48	21528.49	4.65	ppb
Strontium	86-1	499.19	503.85	503.32	502.12	0.51	ppb
Strontium	88-1	507.32	511.84	503.77	507.64	0.80	ppb
Sulfur	34-1	2710.45	2535.66	3060.76	2768.96	9.66	ppb
Terbium	159-1				113		%
Terbium	159-2				92		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.44	0.40	0.43	0.42	4.29	ppb
Titanium	47-1	0.38	0.97	0.77	0.70	42.64	ppb
Uranium	238-1	1.51	1.51	1.52	1.51	0.21	ppb
Vanadium	51-2	0.25	0.20	0.15	0.20	24.72	ppb
Yttrium	89-1				101		%
Yttrium	89-2				81		%
Zinc	66-2	7.35	9.49	7.83	8.22	13.71	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	19.87	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DUP	Instrumnet Name :	P8
Client Sample ID :	S73-0229DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:09:01	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.01	0.05	0.03	72.81	ppb

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : K2910-09LX5 Instrumnet Name : P8
 Client Sample ID : S73-0229L Dilution Factor : 5
 Date & Time Acquired :: 2019-05-25 17:12:37 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.51	1.57	2.58	2.22	25.27	ppb
Antimony	121-1	0.28	0.24	0.25	0.26	8.26	ppb
Arsenic	75-2	5.09	4.33	4.65	4.69	8.15	ppb
Barium	135-1	5.42	5.25	5.46	5.38	2.05	ppb
Barium	137-1	5.43	5.43	5.28	5.38	1.61	ppb
Beryllium	9-1	0.00	0.02	0.01	0.01	82.62	ppb
Bismuth	209-1				119		%
Bismuth	209-2				105		%
Boron	10-1	8.61	10.70	9.97	9.76	10.89	ppb
Boron	11-1	10.95	10.12	11.41	10.83	6.04	ppb
Cadmium	111-1	-0.13	-0.10	0.01	-0.07		ppb
Cadmium	106-1	-1.93	-1.37	0.19	-1.03		ppb
Cadmium	108-1	-0.04	0.06	-0.04	-0.01		ppb
Calcium	43-1	16506.80	16088.67	16226.03	16273.83	1.31	ppb
Calcium	44-1	16264.52	16276.61	15979.90	16173.67	1.04	ppb
Chromium	52-2	0.09	0.18	0.15	0.14	35.36	ppb
Cobalt	59-2	0.19	0.14	0.14	0.15	18.80	ppb
Copper	63-2	0.43	0.49	0.38	0.44	13.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				106		%
Indium	115-1				113		%
Indium	115-2				97		%
Iron	56-2	725.95	730.93	725.26	727.38	0.43	ppb
Iron	57-2	607.75	590.16	617.45	605.12	2.29	ppb
Lead	206-1	-0.03	-0.02	-0.02	-0.02		ppb
Lead	207-1	0.00	-0.02	-0.03	-0.02		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				94		%
Magnesium	24-2	3660.19	3600.13	3530.52	3596.95	1.80	ppb
Manganese	55-2	853.91	856.26	848.16	852.78	0.49	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09LX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 17:12:37	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.22	0.18	0.21	9.95	ppb
Molybdenum	95-1	0.30	0.31	0.37	0.33	11.13	ppb
Molybdenum	96-1	0.28	0.34	0.34	0.32	11.45	ppb
Molybdenum	97-1	0.33	0.40	0.38	0.37	9.67	ppb
Molybdenum	98-1	0.31	0.31	0.34	0.32	5.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.29	0.24	0.25	16.29	ppb
Phosphorus	31-2	-46.58	-107.65	-58.67	-70.97		ppb
Potassium	39-2	954.66	948.33	915.32	939.43	2.25	ppb
Rhodium	103-1				110		%
Rhodium	103-2				102		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.03	-0.20	0.89	0.24	239.60	ppb
Selenium	82-1	0.73	1.00	-0.27	0.49	138.14	ppb
Silicon	28-1	2310.85	2224.90	2236.45	2257.40	2.07	ppb
Silver	109-1	0.00	0.00	0.00	0.00	79.67	ppb
Silver	107-1	0.03	0.01	0.00	0.01	94.39	ppb
Sodium	23-2	4013.50	3939.04	3898.79	3950.45	1.47	ppb
Strontium	86-1	96.44	100.59	98.50	98.51	2.11	ppb
Strontium	88-1	101.95	103.15	101.35	102.15	0.90	ppb
Sulfur	34-1	-666.52	-823.72	-800.13	-763.46		ppb
Terbium	159-1				118		%
Terbium	159-2				105		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	0.00		ppb
Tin	118-1	0.08	0.05	0.06	0.06	20.36	ppb
Titanium	47-1	-0.49	-0.05	-0.13	-0.22		ppb
Uranium	238-1	0.29	0.29	0.28	0.29	2.77	ppb
Vanadium	51-2	0.03	0.04	0.05	0.04	30.89	ppb
Yttrium	89-1				110		%
Yttrium	89-2				96		%
Zinc	66-2	1.52	1.68	1.52	1.57	5.81	ppb
Zirconium	90-1	0.02	0.02	0.00	0.01	114.18	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09LX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 17:12:37	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	-0.03	-0.01	0.00	956.44	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:20:37	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45161.27	45533.83	45624.59	45439.90	0.54	ppb
Antimony	121-1	497.21	503.04	487.52	495.92	1.58	ppb
Arsenic	75-2	494.22	495.79	500.29	496.76	0.63	ppb
Barium	135-1	2555.80	2518.87	2528.07	2534.25	0.76	ppb
Barium	137-1	2534.35	2572.35	2516.75	2541.15	1.12	ppb
Beryllium	9-1	495.87	495.48	496.93	496.09	0.15	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	473.30	478.72	488.66	480.23	1.62	ppb
Boron	11-1	457.68	485.40	483.74	475.61	3.27	ppb
Cadmium	111-1	489.47	494.21	487.09	490.25	0.74	ppb
Cadmium	106-1	489.12	498.26	501.19	496.19	1.27	ppb
Cadmium	108-1	484.54	490.45	481.28	485.42	0.96	ppb
Calcium	43-1	248822.50	243783.49	248681.47	247095.82	1.16	ppb
Calcium	44-1	240480.95	234591.33	240963.77	238678.68	1.49	ppb
Chromium	52-2	514.85	506.22	512.71	511.26	0.88	ppb
Cobalt	59-2	515.45	507.52	511.86	511.61	0.78	ppb
Copper	63-2	1021.82	1005.75	1003.63	1010.40	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	56-2	122871.97	123884.48	123958.16	123571.54	0.49	ppb
Iron	57-2	114854.14	115820.34	113193.13	114622.54	1.16	ppb
Lead	206-1	492.24	488.25	494.94	491.81	0.68	ppb
Lead	207-1	488.80	484.82	490.64	488.09	0.61	ppb
Lead	208-1	502.73	501.56	501.29	501.86	0.15	ppb
Lithium	6-1				108		%
Magnesium	24-2	240506.18	237989.63	238302.33	238932.71	0.57	ppb
Manganese	55-2	1000.43	997.04	1003.60	1000.36	0.33	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:20:37	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2525.97	2537.07	2535.97	2533.00	0.24	ppb
Molybdenum	95-1	2551.90	2513.41	2535.52	2533.61	0.76	ppb
Molybdenum	96-1	2470.81	2511.71	2478.23	2486.92	0.88	ppb
Molybdenum	97-1	2540.90	2525.53	2529.94	2532.12	0.31	ppb
Molybdenum	98-1	2507.19	2522.50	2523.54	2517.74	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.31	503.85	507.38	508.51	1.05	ppb
Phosphorus	31-2	9833.69	9951.30	9976.29	9920.43	0.77	ppb
Potassium	39-2	118499.55	117405.89	119689.63	118531.69	0.96	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	467.77	473.74	451.91	464.47	2.43	ppb
Selenium	78-2	479.52	485.74	491.40	485.56	1.22	ppb
Selenium	82-1	489.52	486.28	489.33	488.38	0.37	ppb
Silicon	28-1	407.51	360.68	394.17	387.45	6.23	ppb
Silver	109-1	491.50	498.19	496.10	495.26	0.69	ppb
Silver	107-1	490.81	492.24	492.86	491.97	0.21	ppb
Sodium	23-2	243699.23	239377.15	242263.21	241779.86	0.91	ppb
Strontium	86-1	502.70	502.27	498.21	501.06	0.49	ppb
Strontium	88-1	507.80	502.21	508.26	506.09	0.67	ppb
Sulfur	34-1	9195.71	8870.09	9081.37	9049.06	1.83	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	507.31	511.15	507.39	508.62	0.43	ppb
Thallium	205-1	510.15	512.71	513.33	512.06	0.33	ppb
Tin	118-1	505.55	499.25	490.46	498.42	1.52	ppb
Titanium	47-1	2563.16	2475.89	2510.23	2516.43	1.75	ppb
Uranium	238-1	510.16	499.15	505.94	505.08	1.10	ppb
Vanadium	51-2	510.00	502.28	506.90	506.39	0.77	ppb
Yttrium	89-1				110		%
Yttrium	89-2				100		%
Zinc	66-2	1002.42	980.05	997.73	993.40	1.19	ppb
Zirconium	90-1	501.68	510.78	504.35	505.60	0.92	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:20:37	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.01	498.02	496.92	498.98	0.54	ppb

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CCB20 Instrumnet Name : P8
 Client Sample ID : CCB20 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 17:24:25 DataFile Name : 054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	2.56	0.38	1.02	132.57	ppb
Antimony	121-1	0.13	0.14	0.08	0.12	28.70	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	37.37	ppb
Barium	135-1	0.25	0.36	0.18	0.26	33.92	ppb
Barium	137-1	0.21	0.30	0.15	0.22	33.84	ppb
Beryllium	9-1	0.10	0.11	0.08	0.10	16.08	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	24.82	26.11	23.95	24.96	4.34	ppb
Boron	11-1	26.37	31.42	25.45	27.75	11.58	ppb
Cadmium	111-1	0.04	0.05	-0.06	0.01	523.46	ppb
Cadmium	106-1	-0.24	0.19	-1.11	-0.39		ppb
Cadmium	108-1	0.06	0.09	0.07	0.07	16.50	ppb
Calcium	43-1	2.72	22.01	-8.59	5.38	287.46	ppb
Calcium	44-1	21.56	32.48	13.22	22.42	43.08	ppb
Chromium	52-2	0.03	0.00	-0.01	0.01	276.47	ppb
Cobalt	59-2	-0.03	-0.01	0.00	-0.01		ppb
Copper	63-2	0.16	0.12	0.14	0.14	13.45	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				107		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	6.69	5.63	5.74	6.02	9.68	ppb
Iron	57-2	5.38	5.16	5.07	5.20	2.97	ppb
Lead	206-1	0.14	0.15	0.10	0.13	23.51	ppb
Lead	207-1	0.10	0.14	0.10	0.11	18.38	ppb
Lead	208-1	0.12	0.13	0.11	0.12	9.53	ppb
Lithium	6-1				106		%
Magnesium	24-2	7.23	8.07	6.12	7.14	13.73	ppb
Manganese	55-2	-0.11	-0.09	-0.16	-0.12		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:24:25	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.26	0.13	0.20	32.96	ppb
Molybdenum	95-1	0.24	0.20	0.12	0.19	33.12	ppb
Molybdenum	96-1	0.29	0.18	0.10	0.19	49.94	ppb
Molybdenum	97-1	0.23	0.24	0.16	0.21	20.73	ppb
Molybdenum	98-1	0.28	0.17	0.15	0.20	37.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-104.43	-64.18	-128.71	-99.10		ppb
Potassium	39-2	15.17	-1.93	-1.13	4.04	238.93	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.73	0.64	0.45	0.61	23.38	ppb
Selenium	82-1	-0.21	-0.30	-0.65	-0.39		ppb
Silicon	28-1	-112.33	15.30	-89.12	-62.05		ppb
Silver	109-1	0.12	0.10	0.08	0.10	19.28	ppb
Silver	107-1	0.14	0.11	0.06	0.10	37.03	ppb
Sodium	23-2	37.02	32.40	31.68	33.70	8.59	ppb
Strontium	86-1	0.04	0.01	-0.05	0.00	12929.50	ppb
Strontium	88-1	0.06	0.06	0.04	0.05	20.13	ppb
Sulfur	34-1	-1900.68	130.64	-1414.66	-1061.56		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.06	0.04	0.05	16.45	ppb
Thallium	205-1	0.06	0.06	0.04	0.05	17.42	ppb
Tin	118-1	0.07	0.06	0.06	0.06	9.27	ppb
Titanium	47-1	-0.17	0.46	-0.03	0.09	391.26	ppb
Uranium	238-1	0.04	0.05	0.02	0.04	48.84	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	37.95	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	-0.05	-0.01	0.21	0.05	278.69	ppb
Zirconium	90-1	0.05	0.05	0.02	0.04	38.29	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:24:25	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.00	0.01	0.02	135.81	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-10	Instrumnet Name :	P8
Client Sample ID :	S73-0229MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:28:03	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7760.98	7900.48	7568.45	7743.30	2.15	ppb
Antimony	121-1	497.87	505.03	505.17	502.69	0.83	ppb
Arsenic	75-2	539.26	544.16	533.53	538.98	0.99	ppb
Barium	135-1	2596.80	2619.72	2585.84	2600.79	0.66	ppb
Barium	137-1	2614.40	2591.93	2561.68	2589.34	1.02	ppb
Beryllium	9-1	481.68	480.69	486.24	482.87	0.61	ppb
Bismuth	209-1				110		%
Bismuth	209-2				96		%
Boron	10-1	485.54	505.13	489.21	493.29	2.11	ppb
Boron	11-1	483.65	482.42	496.63	487.57	1.61	ppb
Cadmium	111-1	483.67	486.39	486.07	485.38	0.31	ppb
Cadmium	106-1	473.19	475.07	478.48	475.58	0.56	ppb
Cadmium	108-1	482.03	478.79	469.95	476.92	1.31	ppb
Calcium	43-1	138792.78	137873.69	135746.39	137470.95	1.14	ppb
Calcium	44-1	133350.28	135238.37	128636.03	132408.23	2.57	ppb
Chromium	52-2	550.16	548.32	549.20	549.22	0.17	ppb
Cobalt	59-2	568.72	561.92	558.17	562.93	0.95	ppb
Copper	63-2	1185.14	1172.55	1159.99	1172.56	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				87		%
Iron	56-2	31319.85	31292.98	31537.08	31383.30	0.43	ppb
Iron	57-2	25634.08	26140.49	25843.04	25872.54	0.98	ppb
Lead	206-1	500.40	503.51	501.57	501.83	0.31	ppb
Lead	207-1	483.53	483.96	484.40	483.96	0.09	ppb
Lead	208-1	501.66	501.11	505.63	502.80	0.49	ppb
Lithium	6-1				88		%
Magnesium	24-2	70251.75	68240.30	68703.26	69065.10	1.53	ppb
Manganese	55-2	5504.75	5473.05	5571.12	5516.31	0.91	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-10	Instrumnet Name :	P8
Client Sample ID :	S73-0229MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:28:03	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2780.63	2733.07	2705.01	2739.57	1.40	ppb
Molybdenum	95-1	2823.56	2754.77	2742.13	2773.49	1.58	ppb
Molybdenum	96-1	2860.16	2794.11	2729.94	2794.73	2.33	ppb
Molybdenum	97-1	2836.73	2799.48	2765.54	2800.59	1.27	ppb
Molybdenum	98-1	2829.27	2826.93	2741.37	2799.19	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	576.65	566.94	563.02	568.87	1.23	ppb
Phosphorus	31-2	-110.32	-81.02	-44.97	-78.77		ppb
Potassium	39-2	29973.63	29544.94	30541.10	30019.89	1.66	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				80		%
Scandium	45-2				86		%
Selenium	77-2	434.80	481.58	545.16	487.18	11.37	ppb
Selenium	78-2	488.84	482.60	486.49	485.98	0.65	ppb
Selenium	82-1	508.05	502.34	487.38	499.26	2.14	ppb
Silicon	28-1	12797.93	12539.09	12504.39	12613.80	1.27	ppb
Silver	109-1	476.37	476.98	479.22	477.52	0.31	ppb
Silver	107-1	475.76	475.14	479.11	476.67	0.45	ppb
Sodium	23-2	76343.21	74179.48	74023.39	74848.69	1.73	ppb
Strontium	86-1	1030.83	1027.51	1002.03	1020.12	1.54	ppb
Strontium	88-1	1046.99	1034.31	1014.09	1031.80	1.61	ppb
Sulfur	34-1	3249.23	2996.36	2620.81	2955.47	10.70	ppb
Terbium	159-1				110		%
Terbium	159-2				97		%
Thallium	203-1	518.36	514.74	514.23	515.78	0.44	ppb
Thallium	205-1	514.42	519.45	515.39	516.42	0.52	ppb
Tin	118-1	484.03	482.68	490.89	485.87	0.91	ppb
Titanium	47-1	2706.64	2742.30	2678.79	2709.24	1.18	ppb
Uranium	238-1	518.50	524.27	516.59	519.79	0.77	ppb
Vanadium	51-2	541.01	534.79	537.46	537.76	0.58	ppb
Yttrium	89-1				101		%
Yttrium	89-2				88		%
Zinc	66-2	1103.87	1086.95	1081.81	1090.88	1.06	ppb
Zirconium	90-1	526.98	526.54	529.02	527.51	0.25	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-10	Instrumnet Name :	P8
Client Sample ID :	S73-0229MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:28:03	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	524.33	521.85	513.72	519.97	1.07	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-11	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:31:39	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7470.47	7540.81	7532.26	7514.51	0.51	ppb
Antimony	121-1	495.34	502.72	507.15	501.74	1.19	ppb
Arsenic	75-2	536.61	531.70	532.59	533.63	0.49	ppb
Barium	135-1	2539.92	2512.03	2540.06	2530.67	0.64	ppb
Barium	137-1	2539.41	2569.34	2571.77	2560.17	0.70	ppb
Beryllium	9-1	483.79	481.47	485.36	483.54	0.41	ppb
Bismuth	209-1				111		%
Bismuth	209-2				97		%
Boron	10-1	501.55	487.43	524.81	504.60	3.74	ppb
Boron	11-1	494.85	496.22	516.67	502.58	2.43	ppb
Cadmium	111-1	478.51	484.58	482.78	481.96	0.65	ppb
Cadmium	106-1	468.26	485.37	479.15	477.59	1.81	ppb
Cadmium	108-1	477.90	470.08	477.09	475.03	0.91	ppb
Calcium	43-1	133189.99	136641.29	137992.54	135941.27	1.82	ppb
Calcium	44-1	127763.09	130618.77	134622.59	131001.48	2.63	ppb
Chromium	52-2	539.52	552.98	551.61	548.04	1.35	ppb
Cobalt	59-2	557.52	569.86	570.37	565.91	1.29	ppb
Copper	63-2	1151.96	1182.93	1168.81	1167.90	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				87		%
Iron	56-2	30402.52	31739.15	31099.10	31080.26	2.15	ppb
Iron	57-2	25197.17	25013.25	25617.09	25275.84	1.22	ppb
Lead	206-1	523.24	509.48	522.44	518.39	1.49	ppb
Lead	207-1	483.20	484.87	489.79	485.95	0.71	ppb
Lead	208-1	510.92	507.57	518.15	512.21	1.06	ppb
Lithium	6-1				87		%
Magnesium	24-2	69136.46	69234.97	69436.11	69269.18	0.22	ppb
Manganese	55-2	5395.51	5492.72	5492.78	5460.34	1.03	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-11	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:31:39	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2711.94	2736.44	2747.34	2731.91	0.66	ppb
Molybdenum	95-1	2726.97	2770.22	2757.70	2751.63	0.81	ppb
Molybdenum	96-1	2722.77	2759.98	2770.35	2751.04	0.91	ppb
Molybdenum	97-1	2716.72	2810.48	2804.78	2777.33	1.89	ppb
Molybdenum	98-1	2783.64	2794.42	2796.19	2791.42	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	567.67	577.90	575.16	573.58	0.92	ppb
Phosphorus	31-2	-42.37	-101.88	-128.07	-90.77		ppb
Potassium	39-2	29218.19	29773.64	29506.65	29499.50	0.94	ppb
Rhodium	103-1				100		%
Rhodium	103-2				93		%
Scandium	45-1				80		%
Scandium	45-2				85		%
Selenium	77-2	513.92	464.48	469.58	482.66	5.63	ppb
Selenium	78-2	504.77	484.44	502.29	497.17	2.23	ppb
Selenium	82-1	493.83	502.59	495.66	497.36	0.93	ppb
Silicon	28-1	12137.15	12360.90	12267.42	12255.16	0.92	ppb
Silver	109-1	474.05	476.58	476.13	475.59	0.28	ppb
Silver	107-1	464.24	473.96	477.45	471.88	1.45	ppb
Sodium	23-2	72879.48	73886.44	73646.33	73470.75	0.72	ppb
Strontium	86-1	1016.02	1033.00	1021.25	1023.42	0.85	ppb
Strontium	88-1	1018.80	1045.13	1028.75	1030.89	1.29	ppb
Sulfur	34-1	2167.02	2516.13	2387.52	2356.89	7.49	ppb
Terbium	159-1				113		%
Terbium	159-2				99		%
Thallium	203-1	521.68	510.19	520.98	517.61	1.24	ppb
Thallium	205-1	524.99	517.40	530.63	524.34	1.27	ppb
Tin	118-1	471.96	475.65	486.34	477.98	1.56	ppb
Titanium	47-1	2580.93	2674.31	2699.81	2651.68	2.36	ppb
Uranium	238-1	530.64	528.12	534.40	531.05	0.59	ppb
Vanadium	51-2	531.83	542.38	539.71	537.97	1.02	ppb
Yttrium	89-1				101		%
Yttrium	89-2				88		%
Zinc	66-2	1073.33	1092.96	1090.49	1085.59	0.99	ppb
Zirconium	90-1	523.43	529.42	526.28	526.38	0.57	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-11	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:31:39	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	516.01	524.57	522.18	520.92	0.85	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09A	Instrumnet Name :	P8
Client Sample ID :	S73-0229A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:35:15	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7660.18	8426.81	7911.26	7999.42	4.89	ppb
Antimony	121-1	501.10	501.85	495.71	499.56	0.67	ppb
Arsenic	75-2	539.35	596.84	553.64	563.28	5.31	ppb
Barium	135-1	2598.50	2617.18	2625.00	2613.56	0.52	ppb
Barium	137-1	2590.67	2576.90	2585.74	2584.43	0.27	ppb
Beryllium	9-1	480.15	492.70	474.78	482.54	1.91	ppb
Bismuth	209-1				114		%
Bismuth	209-2				93		%
Boron	10-1	514.63	543.75	525.52	527.97	2.79	ppb
Boron	11-1	521.09	534.82	522.02	525.97	1.46	ppb
Cadmium	111-1	483.53	490.64	483.98	486.05	0.82	ppb
Cadmium	106-1	484.23	488.39	478.96	483.86	0.98	ppb
Cadmium	108-1	469.87	475.38	474.12	473.12	0.61	ppb
Calcium	43-1	136358.43	137900.14	135629.84	136629.47	0.85	ppb
Calcium	44-1	134418.77	132733.35	130397.94	132516.69	1.52	ppb
Chromium	52-2	557.25	626.09	569.30	584.21	6.29	ppb
Cobalt	59-2	574.31	639.20	585.50	599.67	5.78	ppb
Copper	63-2	1193.64	1343.32	1215.78	1250.92	6.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				95		%
Indium	115-1				105		%
Indium	115-2				82		%
Iron	56-2	31644.99	35781.40	32296.71	33241.03	6.69	ppb
Iron	57-2	25532.44	28072.38	26466.58	26690.47	4.81	ppb
Lead	206-1	523.23	519.26	522.72	521.74	0.41	ppb
Lead	207-1	492.30	486.02	484.90	487.74	0.82	ppb
Lead	208-1	515.76	512.49	511.55	513.27	0.43	ppb
Lithium	6-1				87		%
Magnesium	24-2	70279.33	79672.27	70081.93	73344.51	7.47	ppb
Manganese	55-2	5528.27	6165.52	5667.67	5787.15	5.79	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09A	Instrumnet Name :	P8
Client Sample ID :	S73-0229A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:35:15	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2744.58	2753.40	2668.49	2722.16	1.71	ppb
Molybdenum	95-1	2793.19	2794.30	2763.22	2783.57	0.63	ppb
Molybdenum	96-1	2781.81	2802.52	2770.38	2784.90	0.59	ppb
Molybdenum	97-1	2842.29	2850.11	2791.83	2828.07	1.12	ppb
Molybdenum	98-1	2820.27	2814.22	2738.61	2791.03	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	588.82	647.65	590.33	608.93	5.51	ppb
Phosphorus	31-2	-71.71	-26.51	-26.93	-41.72		ppb
Potassium	39-2	29781.81	33093.33	31030.99	31302.05	5.34	ppb
Rhodium	103-1				100		%
Rhodium	103-2				89		%
Scandium	45-1				80		%
Scandium	45-2				80		%
Selenium	77-2	510.29	516.15	532.66	519.70	2.23	ppb
Selenium	78-2	490.89	537.06	480.93	502.96	5.95	ppb
Selenium	82-1	505.93	501.21	497.63	501.59	0.83	ppb
Silicon	28-1	12284.02	12484.57	12013.89	12260.83	1.93	ppb
Silver	109-1	473.94	486.20	475.80	478.65	1.38	ppb
Silver	107-1	477.29	484.55	475.52	479.12	1.00	ppb
Sodium	23-2	75255.38	83897.46	77395.20	78849.35	5.71	ppb
Strontium	86-1	1039.30	1032.55	1021.91	1031.25	0.85	ppb
Strontium	88-1	1040.61	1049.43	1027.96	1039.33	1.04	ppb
Sulfur	34-1	2217.03	2041.87	1466.03	1908.31	20.59	ppb
Terbium	159-1				113		%
Terbium	159-2				94		%
Thallium	203-1	522.10	513.46	518.40	517.99	0.84	ppb
Thallium	205-1	521.06	533.27	533.36	529.23	1.34	ppb
Tin	118-1	493.48	490.33	488.88	490.90	0.48	ppb
Titanium	47-1	2711.38	2718.34	2634.45	2688.06	1.73	ppb
Uranium	238-1	535.05	529.01	533.08	532.38	0.58	ppb
Vanadium	51-2	544.92	611.26	555.76	570.65	6.24	ppb
Yttrium	89-1				103		%
Yttrium	89-2				83		%
Zinc	66-2	1093.67	1253.56	1122.34	1156.52	7.37	ppb
Zirconium	90-1	529.00	530.70	531.00	530.23	0.20	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09A	Instrumnet Name :	P8
Client Sample ID :	S73-0229A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:35:15	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	528.03	525.86	521.29	525.06	0.66	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-12	Instrumnet Name :	P8
Client Sample ID :	S73-0231	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:38:50	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	74.15	80.41	69.38	74.65	7.41	ppb
Antimony	121-1	1.28	1.24	1.08	1.20	8.71	ppb
Arsenic	75-2	784.10	781.65	772.68	779.48	0.77	ppb
Barium	135-1	10.44	10.12	10.17	10.24	1.67	ppb
Barium	137-1	10.49	10.09	9.71	10.10	3.89	ppb
Beryllium	9-1	0.33	0.43	0.34	0.37	15.01	ppb
Bismuth	209-1				115		%
Bismuth	209-2				99		%
Boron	10-1	89.35	85.59	80.77	85.24	5.05	ppb
Boron	11-1	90.69	81.76	79.38	83.94	7.10	ppb
Cadmium	111-1	0.59	0.63	0.38	0.53	25.54	ppb
Cadmium	106-1	-0.40	1.53	-2.61	-0.50		ppb
Cadmium	108-1	0.72	0.75	0.57	0.68	13.81	ppb
Calcium	43-1	17544.90	17312.40	17043.95	17300.42	1.45	ppb
Calcium	44-1	17649.38	17176.86	16737.87	17188.04	2.65	ppb
Chromium	52-2	1.19	1.08	1.21	1.16	6.04	ppb
Cobalt	59-2	35.71	35.44	34.79	35.32	1.34	ppb
Copper	63-2	4.52	4.73	4.78	4.67	2.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				88		%
Iron	56-2	110785.15	112840.91	109356.47	110994.18	1.58	ppb
Iron	57-2	89465.09	90079.99	87919.74	89154.94	1.25	ppb
Lead	206-1	0.53	0.56	0.51	0.53	4.47	ppb
Lead	207-1	0.47	0.52	0.43	0.47	9.58	ppb
Lead	208-1	0.52	0.54	0.51	0.52	2.92	ppb
Lithium	6-1				84		%
Magnesium	24-2	2966.96	2976.77	2977.15	2973.63	0.19	ppb
Manganese	55-2	996.63	991.99	977.57	988.73	1.01	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-12	Instrumnet Name :	P8
Client Sample ID :	S73-0231	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:38:50	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	11.62	10.82	10.25	10.90	6.30	ppb
Molybdenum	95-1	16.23	15.12	14.82	15.39	4.85	ppb
Molybdenum	96-1	15.48	14.95	14.67	15.03	2.72	ppb
Molybdenum	97-1	16.29	15.92	15.31	15.84	3.15	ppb
Molybdenum	98-1	15.96	15.22	14.96	15.38	3.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.68	31.96	30.56	31.40	2.35	ppb
Phosphorus	31-2	230.66	324.14	271.57	275.46	17.01	ppb
Potassium	39-2	2587.46	2635.09	2576.31	2599.62	1.20	ppb
Rhodium	103-1				101		%
Rhodium	103-2				94		%
Scandium	45-1				77		%
Scandium	45-2				81		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.04	0.50	0.61	0.39	77.73	ppb
Selenium	82-1	0.57	1.44	0.52	0.85	60.96	ppb
Silicon	28-1	15133.55	14649.61	14255.30	14679.49	3.00	ppb
Silver	109-1	0.29	0.28	0.25	0.27	8.58	ppb
Silver	107-1	0.33	0.32	0.30	0.32	4.78	ppb
Sodium	23-2	15101.10	15014.18	15100.03	15071.77	0.33	ppb
Strontium	86-1	101.57	97.79	97.45	98.94	2.31	ppb
Strontium	88-1	106.33	101.52	100.45	102.77	3.05	ppb
Sulfur	34-1	-1835.65	-2439.59	-2639.44	-2304.89		ppb
Terbium	159-1				112		%
Terbium	159-2				97		%
Thallium	203-1	0.52	0.59	0.51	0.54	8.25	ppb
Thallium	205-1	0.61	0.61	0.55	0.59	5.19	ppb
Tin	118-1	2.27	2.42	2.24	2.31	4.28	ppb
Titanium	47-1	3.84	3.68	4.29	3.94	8.04	ppb
Uranium	238-1	0.13	0.18	0.15	0.15	15.68	ppb
Vanadium	51-2	1.73	1.89	1.76	1.79	4.84	ppb
Yttrium	89-1				100		%
Yttrium	89-2				86		%
Zinc	66-2	17.45	17.00	15.74	16.73	5.29	ppb
Zirconium	90-1	0.16	0.21	0.20	0.19	15.48	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-12	Instrumnet Name :	P8
Client Sample ID :	S73-0231	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:38:50	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.33	0.33	0.35	0.34	3.39	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-13	Instrumnet Name :	P8
Client Sample ID :	S73-0232	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:42:28	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98.55	104.87	102.36	101.93	3.12	ppb
Antimony	121-1	1.09	1.07	0.90	1.02	9.94	ppb
Arsenic	75-2	747.11	754.96	754.08	752.05	0.57	ppb
Barium	135-1	10.10	10.68	10.71	10.50	3.28	ppb
Barium	137-1	9.82	10.52	10.53	10.29	3.99	ppb
Beryllium	9-1	0.15	0.22	0.20	0.19	17.27	ppb
Bismuth	209-1				115		%
Bismuth	209-2				99		%
Boron	10-1	59.46	70.41	61.25	63.71	9.22	ppb
Boron	11-1	62.48	64.51	62.52	63.17	1.83	ppb
Cadmium	111-1	0.33	0.24	0.44	0.34	29.90	ppb
Cadmium	106-1	-1.40	-2.39	-0.22	-1.34		ppb
Cadmium	108-1	0.42	0.55	0.43	0.47	15.43	ppb
Calcium	43-1	17758.02	18482.61	17954.03	18064.89	2.07	ppb
Calcium	44-1	17500.65	18502.14	17455.53	17819.44	3.32	ppb
Chromium	52-2	1.11	1.05	0.90	1.02	10.55	ppb
Cobalt	59-2	36.63	35.36	35.11	35.70	2.28	ppb
Copper	63-2	5.01	4.96	4.74	4.90	3.01	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				113		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				88		%
Iron	56-2	113751.21	112898.89	112032.26	112894.12	0.76	ppb
Iron	57-2	88520.70	89664.39	91906.26	90030.45	1.91	ppb
Lead	206-1	0.42	0.49	0.45	0.45	8.23	ppb
Lead	207-1	0.43	0.45	0.43	0.44	2.95	ppb
Lead	208-1	0.44	0.47	0.44	0.45	4.13	ppb
Lithium	6-1				80		%
Magnesium	24-2	3239.21	3135.60	3136.97	3170.60	1.87	ppb
Manganese	55-2	1020.98	1017.01	1011.59	1016.53	0.46	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-13	Instrumnet Name :	P8
Client Sample ID :	S73-0232	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:42:28	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	10.74	10.86	10.04	10.55	4.21	ppb
Molybdenum	95-1	14.84	15.36	14.83	15.01	1.99	ppb
Molybdenum	96-1	14.56	15.53	14.97	15.02	3.27	ppb
Molybdenum	97-1	15.08	15.50	15.61	15.40	1.80	ppb
Molybdenum	98-1	14.94	15.97	15.41	15.44	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.14	32.03	31.98	32.38	2.02	ppb
Phosphorus	31-2	183.19	333.74	337.52	284.81	30.91	ppb
Potassium	39-2	2557.15	2547.81	2567.80	2557.59	0.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				76		%
Scandium	45-2				81		%
Selenium	77-2	1.55	-0.58	-0.58	0.13	924.32	ppb
Selenium	78-2	1.54	0.13	0.98	0.88	80.72	ppb
Selenium	82-1	-1.04	1.04	0.10	0.03	3077.12	ppb
Silicon	28-1	14349.36	15237.63	14802.95	14796.65	3.00	ppb
Silver	109-1	0.11	0.09	0.11	0.10	9.26	ppb
Silver	107-1	0.09	0.12	0.10	0.11	14.88	ppb
Sodium	23-2	15238.81	14791.31	14767.95	14932.69	1.78	ppb
Strontium	86-1	101.40	105.97	100.88	102.75	2.73	ppb
Strontium	88-1	103.39	109.27	104.36	105.67	2.98	ppb
Sulfur	34-1	-2199.42	-1643.45	-2229.35	-2024.07		ppb
Terbium	159-1				112		%
Terbium	159-2				98		%
Thallium	203-1	0.22	0.28	0.19	0.23	17.86	ppb
Thallium	205-1	0.26	0.25	0.23	0.25	5.84	ppb
Tin	118-1	1.57	1.70	1.49	1.59	6.62	ppb
Titanium	47-1	3.84	6.19	4.70	4.91	24.27	ppb
Uranium	238-1	0.08	0.09	0.07	0.08	12.30	ppb
Vanadium	51-2	1.95	1.97	1.90	1.94	1.80	ppb
Yttrium	89-1				102		%
Yttrium	89-2				87		%
Zinc	66-2	12.43	11.97	12.70	12.37	2.99	ppb
Zirconium	90-1	0.12	0.08	0.09	0.10	21.93	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-13	Instrumnet Name :	P8
Client Sample ID :	S73-0232	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:42:28	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.29	0.34	0.22	0.28	20.39	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-14	Instrumnet Name :	P8
Client Sample ID :	S73-0234	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:46:05	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.55	32.27	35.25	33.36	4.94	ppb
Antimony	121-1	1.14	0.95	0.96	1.02	10.40	ppb
Arsenic	75-2	8.85	8.97	8.11	8.65	5.37	ppb
Barium	135-1	14.78	16.14	15.43	15.45	4.39	ppb
Barium	137-1	15.08	15.21	14.77	15.02	1.51	ppb
Beryllium	9-1	0.08	0.07	0.07	0.07	9.95	ppb
Bismuth	209-1				118		%
Bismuth	209-2				95		%
Boron	10-1	45.42	42.39	40.81	42.87	5.45	ppb
Boron	11-1	47.29	46.58	45.25	46.37	2.24	ppb
Cadmium	111-1	-0.12	-0.07	-0.20	-0.13		ppb
Cadmium	106-1	-1.74	-0.95	-2.73	-1.81		ppb
Cadmium	108-1	0.11	0.06	0.01	0.06	82.79	ppb
Calcium	43-1	75748.14	73505.86	73004.87	74086.29	1.97	ppb
Calcium	44-1	73445.34	70380.72	70948.54	71591.53	2.28	ppb
Chromium	52-2	0.58	0.74	0.64	0.66	12.77	ppb
Cobalt	59-2	0.96	0.94	0.96	0.95	0.92	ppb
Copper	63-2	2.35	2.21	2.20	2.26	3.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				95		%
Indium	115-1				107		%
Indium	115-2				84		%
Iron	56-2	2496.44	2517.65	2377.26	2463.78	3.07	ppb
Iron	57-2	1916.10	1945.23	1840.55	1900.63	2.84	ppb
Lead	206-1	0.12	0.12	0.10	0.11	12.40	ppb
Lead	207-1	0.14	0.09	0.11	0.12	21.64	ppb
Lead	208-1	0.13	0.12	0.11	0.12	8.57	ppb
Lithium	6-1				82		%
Magnesium	24-2	23002.93	23420.23	22005.43	22809.53	3.19	ppb
Manganese	55-2	1108.43	1143.88	1062.51	1104.94	3.69	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-14	Instrumnet Name :	P8
Client Sample ID :	S73-0234	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:46:05	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.51	0.46	0.46	0.47	6.20	ppb
Molybdenum	95-1	0.52	0.47	0.51	0.50	5.37	ppb
Molybdenum	96-1	0.47	0.52	0.44	0.48	8.04	ppb
Molybdenum	97-1	0.59	0.42	0.50	0.50	16.57	ppb
Molybdenum	98-1	0.56	0.54	0.55	0.55	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.15	1.04	1.10	5.20	ppb
Phosphorus	31-2	-94.34	-99.27	-78.74	-90.78		ppb
Potassium	39-2	4752.86	4825.07	4555.77	4711.24	2.96	ppb
Rhodium	103-1				102		%
Rhodium	103-2				90		%
Scandium	45-1				76		%
Scandium	45-2				78		%
Selenium	77-2	-0.58	-0.58	1.43	0.09	1224.99	ppb
Selenium	78-2	-0.27	1.04	-0.07	0.23	301.37	ppb
Selenium	82-1	0.82	0.50	0.83	0.72	25.63	ppb
Silicon	28-1	6178.14	5973.35	5997.20	6049.56	1.85	ppb
Silver	109-1	0.08	0.08	0.07	0.08	1.54	ppb
Silver	107-1	0.09	0.08	0.06	0.08	19.57	ppb
Sodium	23-2	21826.47	22179.57	20983.18	21663.07	2.84	ppb
Strontium	86-1	393.72	387.65	390.23	390.53	0.78	ppb
Strontium	88-1	393.74	397.21	396.13	395.69	0.45	ppb
Sulfur	34-1	5476.83	4741.12	4493.37	4903.77	10.43	ppb
Terbium	159-1				116		%
Terbium	159-2				94		%
Thallium	203-1	0.13	0.15	0.14	0.14	5.86	ppb
Thallium	205-1	0.17	0.16	0.16	0.16	2.89	ppb
Tin	118-1	1.11	1.16	1.09	1.12	3.45	ppb
Titanium	47-1	2.64	2.74	2.62	2.67	2.46	ppb
Uranium	238-1	1.64	1.69	1.67	1.67	1.45	ppb
Vanadium	51-2	0.31	0.21	0.31	0.28	21.43	ppb
Yttrium	89-1				104		%
Yttrium	89-2				83		%
Zinc	66-2	6.03	6.10	6.26	6.13	1.91	ppb
Zirconium	90-1	0.06	0.10	0.06	0.08	33.33	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-14	Instrumnet Name :	P8
Client Sample ID :	S73-0234	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:46:05	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.08	0.04	111.30	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-15	Instrumnet Name :	P8
Client Sample ID :	S73-0235	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:49:42	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.36	1.84	6.46	5.55	60.33	ppb
Antimony	121-1	0.96	0.87	0.86	0.90	6.37	ppb
Arsenic	75-2	22.56	21.74	23.21	22.50	3.27	ppb
Barium	135-1	15.37	15.85	15.49	15.57	1.59	ppb
Barium	137-1	15.29	15.86	16.12	15.75	2.69	ppb
Beryllium	9-1	0.04	0.16	0.11	0.10	57.64	ppb
Bismuth	209-1				118		%
Bismuth	209-2				99		%
Boron	10-1	36.91	33.43	34.67	35.00	5.03	ppb
Boron	11-1	33.34	35.02	33.93	34.10	2.49	ppb
Cadmium	111-1	-0.16	-0.18	-0.16	-0.17		ppb
Cadmium	106-1	-2.22	-2.49	-2.21	-2.30		ppb
Cadmium	108-1	0.01	0.06	0.06	0.04	65.50	ppb
Calcium	43-1	33669.76	33739.97	33745.64	33718.46	0.13	ppb
Calcium	44-1	32635.52	33401.54	33416.88	33151.31	1.35	ppb
Chromium	52-2	0.58	0.37	0.53	0.49	22.82	ppb
Cobalt	59-2	0.40	0.38	0.40	0.39	3.07	ppb
Copper	63-2	2.32	2.28	2.32	2.31	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				100		%
Indium	115-1				109		%
Indium	115-2				87		%
Iron	56-2	39766.75	39327.08	40525.87	39873.23	1.52	ppb
Iron	57-2	30592.11	30900.89	30905.95	30799.65	0.58	ppb
Lead	206-1	0.07	0.09	0.10	0.09	20.47	ppb
Lead	207-1	0.09	0.09	0.07	0.08	12.55	ppb
Lead	208-1	0.08	0.08	0.08	0.08	4.47	ppb
Lithium	6-1				84		%
Magnesium	24-2	6046.11	5905.09	6027.30	5992.83	1.28	ppb
Manganese	55-2	2735.06	2704.01	2746.52	2728.53	0.81	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-15	Instrumnet Name :	P8
Client Sample ID :	S73-0235	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:49:42	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.12	0.24	0.18	35.61	ppb
Molybdenum	95-1	0.10	0.13	0.07	0.10	29.31	ppb
Molybdenum	96-1	0.19	0.25	0.18	0.20	18.46	ppb
Molybdenum	97-1	0.18	0.08	0.15	0.14	36.05	ppb
Molybdenum	98-1	0.09	0.08	0.10	0.09	11.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.86	0.75	0.79	7.46	ppb
Phosphorus	31-2	18.61	-50.25	52.90	7.09	741.29	ppb
Potassium	39-2	2105.63	2064.27	2071.73	2080.54	1.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				94		%
Scandium	45-1				79		%
Scandium	45-2				81		%
Selenium	77-2	-0.58	1.49	-0.58	0.11	1058.67	ppb
Selenium	78-2	-0.72	-0.58	0.66	-0.21		ppb
Selenium	82-1	0.36	-0.21	0.62	0.26	167.14	ppb
Silicon	28-1	14160.75	14353.40	14190.72	14234.95	0.73	ppb
Silver	109-1	0.06	0.05	0.05	0.05	14.66	ppb
Silver	107-1	0.05	0.06	0.05	0.05	12.50	ppb
Sodium	23-2	6178.28	6024.01	6176.11	6126.13	1.44	ppb
Strontium	86-1	322.33	324.05	319.87	322.08	0.65	ppb
Strontium	88-1	329.41	333.02	324.68	329.04	1.27	ppb
Sulfur	34-1	-781.33	-955.86	-1057.90	-931.69		ppb
Terbium	159-1				117		%
Terbium	159-2				98		%
Thallium	203-1	0.08	0.12	0.09	0.10	24.26	ppb
Thallium	205-1	0.12	0.12	0.11	0.11	3.38	ppb
Tin	118-1	0.99	0.93	0.94	0.96	3.51	ppb
Titanium	47-1	0.90	0.52	0.64	0.69	28.28	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	139.78	ppb
Vanadium	51-2	0.45	0.51	0.45	0.47	7.40	ppb
Yttrium	89-1				104		%
Yttrium	89-2				85		%
Zinc	66-2	7.79	7.34	7.27	7.47	3.77	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	26.94	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-15	Instrumnet Name :	P8
Client Sample ID :	S73-0235	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:49:42	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.04	0.07	39.47	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-16	Instrumnet Name :	P8
Client Sample ID :	S73-0236	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:53:20	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.90	6.97	5.93	6.60	8.85	ppb
Antimony	121-1	0.87	0.87	0.91	0.88	2.74	ppb
Arsenic	75-2	260.45	264.97	264.26	263.23	0.92	ppb
Barium	135-1	17.82	20.76	19.73	19.44	7.67	ppb
Barium	137-1	18.30	20.94	20.44	19.89	7.04	ppb
Beryllium	9-1	0.01	0.02	0.08	0.04	101.90	ppb
Bismuth	209-1				113		%
Bismuth	209-2				100		%
Boron	10-1	27.35	34.07	29.17	30.20	11.51	ppb
Boron	11-1	31.15	33.41	35.07	33.21	5.92	ppb
Cadmium	111-1	-0.11	-0.12	-0.04	-0.09		ppb
Cadmium	106-1	-1.63	-1.87	-0.90	-1.47		ppb
Cadmium	108-1	0.16	0.02	0.02	0.06	129.83	ppb
Calcium	43-1	20825.69	22332.49	23138.27	22098.81	5.31	ppb
Calcium	44-1	20184.06	21662.29	22635.49	21493.95	5.74	ppb
Chromium	52-2	0.57	0.46	0.41	0.48	16.50	ppb
Cobalt	59-2	14.38	14.29	14.10	14.26	1.00	ppb
Copper	63-2	2.43	2.53	2.47	2.48	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				88		%
Iron	56-2	103309.28	104542.46	103819.03	103890.26	0.60	ppb
Iron	57-2	81338.32	84901.26	82334.84	82858.14	2.22	ppb
Lead	206-1	0.07	0.11	0.10	0.09	22.42	ppb
Lead	207-1	0.11	0.08	0.09	0.10	14.85	ppb
Lead	208-1	0.09	0.09	0.09	0.09	2.29	ppb
Lithium	6-1				77		%
Magnesium	24-2	3802.71	3778.21	3714.49	3765.13	1.21	ppb
Manganese	55-2	1262.91	1261.46	1271.11	1265.16	0.41	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-16	Instrumnet Name :	P8
Client Sample ID :	S73-0236	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:53:20	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.30	6.77	6.47	6.51	3.62	ppb
Molybdenum	95-1	8.57	9.72	9.22	9.17	6.25	ppb
Molybdenum	96-1	8.56	9.70	9.67	9.31	7.01	ppb
Molybdenum	97-1	8.86	9.67	9.93	9.49	5.87	ppb
Molybdenum	98-1	9.05	9.65	9.95	9.55	4.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.61	5.15	5.29	5.35	4.37	ppb
Phosphorus	31-2	201.98	159.36	177.56	179.63	11.90	ppb
Potassium	39-2	3110.01	3150.35	3269.22	3176.53	2.61	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				71		%
Scandium	45-2				82		%
Selenium	77-2	-0.58	-0.58	3.38	0.74	307.46	ppb
Selenium	78-2	0.02	-0.25	-0.63	-0.28		ppb
Selenium	82-1	0.00	0.07	0.88	0.32	154.68	ppb
Silicon	28-1	7242.33	7765.08	8182.33	7729.91	6.09	ppb
Silver	109-1	0.04	0.05	0.04	0.04	13.04	ppb
Silver	107-1	0.05	0.08	0.04	0.06	33.55	ppb
Sodium	23-2	19728.32	19490.92	19579.50	19599.58	0.61	ppb
Strontium	86-1	132.94	147.48	151.29	143.91	6.73	ppb
Strontium	88-1	141.18	154.36	155.70	150.41	5.33	ppb
Sulfur	34-1	981.06	1512.67	2051.49	1515.07	35.33	ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.08	0.05	0.07	22.47	ppb
Thallium	205-1	0.07	0.08	0.09	0.08	13.67	ppb
Tin	118-1	0.93	1.04	1.04	1.00	6.42	ppb
Titanium	47-1	0.77	0.23	0.65	0.55	51.04	ppb
Uranium	238-1	0.06	0.07	0.07	0.07	11.46	ppb
Vanadium	51-2	0.40	0.37	0.36	0.38	5.45	ppb
Yttrium	89-1				98		%
Yttrium	89-2				87		%
Zinc	66-2	6.86	7.58	7.46	7.30	5.27	ppb
Zirconium	90-1	0.02	0.03	0.04	0.03	21.42	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-16	Instrumnet Name :	P8
Client Sample ID :	S73-0236	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:53:20	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.07	0.07	0.08	20.63	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-17	Instrumnet Name :	P8
Client Sample ID :	S73-0233	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:56:57	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.24	5.18	5.12	5.18	1.14	ppb
Antimony	121-1	0.87	0.80	0.73	0.80	8.35	ppb
Arsenic	75-2	424.83	429.41	431.50	428.58	0.80	ppb
Barium	135-1	10.76	11.01	11.02	10.93	1.36	ppb
Barium	137-1	10.96	10.79	10.80	10.85	0.89	ppb
Beryllium	9-1	-0.02	0.01	0.03	0.01	292.45	ppb
Bismuth	209-1				121		%
Bismuth	209-2				100		%
Boron	10-1	39.20	31.55	37.18	35.98	11.02	ppb
Boron	11-1	36.59	35.22	34.32	35.38	3.23	ppb
Cadmium	111-1	-0.18	-0.21	-0.15	-0.18		ppb
Cadmium	106-1	-2.48	-2.96	-2.21	-2.55		ppb
Cadmium	108-1	-0.04	-0.04	-0.04	-0.04		ppb
Calcium	43-1	40611.10	41080.89	40755.17	40815.72	0.59	ppb
Calcium	44-1	38994.45	39486.17	39766.38	39415.67	0.99	ppb
Chromium	52-2	0.39	0.41	0.41	0.40	2.63	ppb
Cobalt	59-2	3.45	3.52	3.51	3.49	1.17	ppb
Copper	63-2	2.77	2.90	2.87	2.85	2.48	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				120		%
Holmium	165-2				101		%
Indium	115-1				111		%
Indium	115-2				89		%
Iron	56-2	98823.65	100001.29	99127.72	99317.55	0.62	ppb
Iron	57-2	79040.81	77914.88	79775.44	78910.38	1.19	ppb
Lead	206-1	0.09	0.08	0.11	0.10	16.55	ppb
Lead	207-1	0.09	0.07	0.09	0.08	10.06	ppb
Lead	208-1	0.08	0.07	0.09	0.08	10.61	ppb
Lithium	6-1				77		%
Magnesium	24-2	4683.37	4661.84	4619.00	4654.74	0.70	ppb
Manganese	55-2	63.15	62.42	63.48	63.02	0.85	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-17	Instrumnet Name :	P8
Client Sample ID :	S73-0233	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:56:57	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.13	2.82	3.00	2.99	5.09	ppb
Molybdenum	95-1	4.10	4.30	4.13	4.18	2.48	ppb
Molybdenum	96-1	4.12	4.26	4.27	4.21	2.02	ppb
Molybdenum	97-1	4.55	4.32	4.18	4.35	4.34	ppb
Molybdenum	98-1	4.23	4.27	4.19	4.23	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.80	2.84	2.68	2.77	3.02	ppb
Phosphorus	31-2	189.50	240.59	264.67	231.59	16.57	ppb
Potassium	39-2	2107.73	2126.58	2139.03	2124.45	0.74	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				78		%
Scandium	45-2				83		%
Selenium	77-2	-0.58	-0.58	3.33	0.72	310.60	ppb
Selenium	78-2	0.56	1.91	0.93	1.13	61.53	ppb
Selenium	82-1	0.59	0.10	0.35	0.35	71.03	ppb
Silicon	28-1	8323.68	8134.90	7993.50	8150.69	2.03	ppb
Silver	109-1	0.04	0.04	0.04	0.04	7.54	ppb
Silver	107-1	0.05	0.04	0.04	0.04	15.66	ppb
Sodium	23-2	5340.10	5325.95	5377.10	5347.72	0.49	ppb
Strontium	86-1	138.42	140.40	136.88	138.57	1.27	ppb
Strontium	88-1	145.52	145.34	146.39	145.75	0.38	ppb
Sulfur	34-1	558.66	737.26	520.41	605.44	19.12	ppb
Terbium	159-1				119		%
Terbium	159-2				100		%
Thallium	203-1	0.08	0.06	0.06	0.07	24.84	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	11.11	ppb
Tin	118-1	1.00	0.96	1.05	1.00	4.17	ppb
Titanium	47-1	0.64	0.17	0.07	0.29	104.94	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	9.25	ppb
Vanadium	51-2	0.16	0.16	0.24	0.19	23.29	ppb
Yttrium	89-1				106		%
Yttrium	89-2				88		%
Zinc	66-2	9.19	9.96	9.81	9.65	4.21	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	35.73	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-17	Instrumnet Name :	P8
Client Sample ID :	S73-0233	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:56:57	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.14	0.13	0.14	4.91	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-18	Instrumnet Name :	P8
Client Sample ID :	S73-ER-2019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:00:34	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.89	4.45	6.97	5.10	32.14	ppb
Antimony	121-1	0.99	0.88	0.87	0.91	7.66	ppb
Arsenic	75-2	0.17	0.30	0.17	0.21	35.27	ppb
Barium	135-1	0.65	0.67	0.62	0.65	3.91	ppb
Barium	137-1	0.76	0.58	0.56	0.63	17.67	ppb
Beryllium	9-1	0.01	0.06	0.04	0.04	72.07	ppb
Bismuth	209-1				121		%
Bismuth	209-2				101		%
Boron	10-1	17.43	19.72	15.49	17.55	12.08	ppb
Boron	11-1	18.01	19.01	16.87	17.96	5.95	ppb
Cadmium	111-1	-0.09	0.02	-0.12	-0.06		ppb
Cadmium	106-1	-1.39	0.33	-1.80	-0.95		ppb
Cadmium	108-1	0.01	0.01	0.06	0.03	105.17	ppb
Calcium	43-1	203.08	199.39	207.97	203.48	2.12	ppb
Calcium	44-1	219.35	198.01	197.94	205.10	6.02	ppb
Chromium	52-2	1.34	1.13	1.35	1.27	9.86	ppb
Cobalt	59-2	0.03	0.02	0.03	0.03	29.43	ppb
Copper	63-2	13.64	13.17	14.12	13.65	3.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				102		%
Indium	115-1				110		%
Indium	115-2				90		%
Iron	56-2	128.30	123.25	129.34	126.96	2.57	ppb
Iron	57-2	92.78	95.54	93.30	93.87	1.56	ppb
Lead	206-1	7.57	7.37	7.47	7.47	1.33	ppb
Lead	207-1	7.27	6.98	7.19	7.15	2.11	ppb
Lead	208-1	7.45	7.18	7.31	7.31	1.80	ppb
Lithium	6-1				76		%
Magnesium	24-2	61.50	56.49	57.63	58.54	4.49	ppb
Manganese	55-2	1.39	1.48	1.64	1.50	8.65	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-18	Instrumnet Name :	P8
Client Sample ID :	S73-ER-2019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:00:34	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.21	0.22	0.21	5.49	ppb
Molybdenum	95-1	0.20	0.19	0.27	0.22	20.11	ppb
Molybdenum	96-1	0.22	0.20	0.18	0.20	10.72	ppb
Molybdenum	97-1	0.28	0.17	0.26	0.24	23.76	ppb
Molybdenum	98-1	0.25	0.30	0.20	0.25	19.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.23	2.02	2.24	2.16	5.85	ppb
Phosphorus	31-2	-135.86	-154.33	-45.16	-111.78		ppb
Potassium	39-2	15.15	11.89	24.51	17.18	38.09	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				76		%
Scandium	45-2				83		%
Selenium	77-2	1.54	-0.58	3.40	1.46	136.55	ppb
Selenium	78-2	-1.12	0.54	-0.44	-0.34		ppb
Selenium	82-1	0.17	0.69	0.62	0.49	56.73	ppb
Silicon	28-1	-73.17	-126.42	-135.94	-111.84		ppb
Silver	109-1	0.03	0.03	0.03	0.03	1.46	ppb
Silver	107-1	0.02	0.03	0.03	0.03	18.02	ppb
Sodium	23-2	220.27	210.52	231.15	220.65	4.68	ppb
Strontium	86-1	0.60	0.49	0.71	0.60	18.09	ppb
Strontium	88-1	0.72	0.71	0.68	0.70	3.05	ppb
Sulfur	34-1	-1002.78	-1589.01	-1805.20	-1465.67		ppb
Terbium	159-1				119		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.02	0.04	0.04	47.15	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	6.99	ppb
Tin	118-1	4.15	3.73	4.06	3.98	5.50	ppb
Titanium	47-1	0.15	-0.37	-0.07	-0.10		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.11	0.10	0.12	0.11	8.64	ppb
Yttrium	89-1				105		%
Yttrium	89-2				88		%
Zinc	66-2	38.42	38.84	41.05	39.43	3.59	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	48.61	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-18	Instrumnet Name :	P8
Client Sample ID :	S73-ER-2019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:00:34	DataFile Name :	064SMPL.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:04:59	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44393.03	43936.15	44774.96	44368.05	0.95	ppb
Antimony	121-1	476.46	473.96	483.62	478.01	1.05	ppb
Arsenic	75-2	499.66	498.35	498.17	498.73	0.16	ppb
Barium	135-1	2536.08	2496.51	2529.47	2520.69	0.84	ppb
Barium	137-1	2503.05	2556.59	2561.01	2540.21	1.27	ppb
Beryllium	9-1	493.86	493.81	498.82	495.50	0.58	ppb
Bismuth	209-1				112		%
Bismuth	209-2				101		%
Boron	10-1	458.36	466.61	502.84	475.94	4.97	ppb
Boron	11-1	462.93	482.91	490.33	478.72	2.96	ppb
Cadmium	111-1	488.37	485.87	488.94	487.73	0.33	ppb
Cadmium	106-1	496.06	489.81	484.46	490.11	1.18	ppb
Cadmium	108-1	488.93	483.17	496.11	489.40	1.33	ppb
Calcium	43-1	245323.44	244251.96	241322.37	243632.59	0.85	ppb
Calcium	44-1	239015.47	235768.65	236594.04	237126.05	0.71	ppb
Chromium	52-2	518.19	511.87	513.66	514.57	0.63	ppb
Cobalt	59-2	519.98	512.79	516.13	516.30	0.70	ppb
Copper	63-2	1026.65	1024.64	1020.57	1023.95	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				118		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				98		%
Iron	56-2	124618.07	124003.70	124015.21	124212.33	0.28	ppb
Iron	57-2	116075.92	112523.49	113333.88	113977.77	1.63	ppb
Lead	206-1	488.09	489.74	506.90	494.91	2.10	ppb
Lead	207-1	487.87	486.34	489.68	487.97	0.34	ppb
Lead	208-1	499.38	499.51	506.20	501.70	0.78	ppb
Lithium	6-1				104		%
Magnesium	24-2	238362.65	237237.23	237481.84	237693.91	0.25	ppb
Manganese	55-2	998.62	1004.33	1003.80	1002.25	0.31	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:04:59	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2459.85	2521.74	2546.67	2509.42	1.78	ppb
Molybdenum	95-1	2481.48	2513.39	2538.80	2511.22	1.14	ppb
Molybdenum	96-1	2502.31	2489.48	2546.62	2512.81	1.19	ppb
Molybdenum	97-1	2500.42	2518.59	2536.34	2518.45	0.71	ppb
Molybdenum	98-1	2446.71	2505.31	2556.21	2502.74	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.83	522.06	515.47	518.45	0.64	ppb
Phosphorus	31-2	9468.05	10135.30	9692.61	9765.32	3.48	ppb
Potassium	39-2	117836.48	119620.62	118972.79	118809.96	0.76	ppb
Rhodium	103-1				109		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	77-2	465.70	466.76	494.68	475.71	3.46	ppb
Selenium	78-2	468.61	460.04	485.92	471.52	2.80	ppb
Selenium	82-1	482.52	482.32	499.47	488.10	2.02	ppb
Silicon	28-1	326.56	335.22	320.34	327.37	2.28	ppb
Silver	109-1	489.13	491.45	495.13	491.90	0.62	ppb
Silver	107-1	484.84	484.06	496.35	488.42	1.41	ppb
Sodium	23-2	244993.56	240909.62	241005.51	242302.89	0.96	ppb
Strontium	86-1	488.58	494.46	502.74	495.26	1.44	ppb
Strontium	88-1	494.70	501.12	514.95	503.59	2.06	ppb
Sulfur	34-1	8488.73	8152.46	8274.14	8305.11	2.05	ppb
Terbium	159-1				118		%
Terbium	159-2				107		%
Thallium	203-1	504.82	508.50	513.54	508.95	0.86	ppb
Thallium	205-1	512.72	515.47	519.06	515.75	0.62	ppb
Tin	118-1	493.69	497.46	503.83	498.33	1.03	ppb
Titanium	47-1	2540.48	2438.94	2472.83	2484.09	2.08	ppb
Uranium	238-1	509.59	509.75	513.15	510.83	0.39	ppb
Vanadium	51-2	515.09	512.22	511.51	512.94	0.37	ppb
Yttrium	89-1				116		%
Yttrium	89-2				100		%
Zinc	66-2	1006.31	1009.56	1006.87	1007.58	0.17	ppb
Zirconium	90-1	497.95	507.81	510.97	505.58	1.34	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:04:59	DataFile Name :	065CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	490.64	499.15	505.10	498.30	1.46	ppb

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 18:08:35 DataFile Name : 066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.14	6.42	6.56	7.04	13.56	ppb
Antimony	121-1	0.10	0.09	0.11	0.10	7.07	ppb
Arsenic	75-2	0.08	0.08	0.11	0.09	19.77	ppb
Barium	135-1	0.05	0.06	0.10	0.07	39.95	ppb
Barium	137-1	0.02	0.04	0.08	0.05	59.04	ppb
Beryllium	9-1	0.12	0.02	0.02	0.05	110.59	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Boron	10-1	31.89	33.49	27.26	30.88	10.47	ppb
Boron	11-1	32.91	31.30	29.06	31.09	6.21	ppb
Cadmium	111-1	0.03	0.01	0.05	0.03	63.82	ppb
Cadmium	106-1	0.35	-0.02	0.55	0.29	99.11	ppb
Cadmium	108-1	0.01	-0.04	0.01	-0.01		ppb
Calcium	43-1	-4.35	-0.87	3.36	-0.62		ppb
Calcium	44-1	2.24	2.90	5.27	3.47	45.89	ppb
Chromium	52-2	0.17	0.10	0.17	0.15	26.63	ppb
Cobalt	59-2	0.06	0.07	0.07	0.06	6.38	ppb
Copper	63-2	0.34	0.26	0.29	0.29	12.59	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				116		%
Holmium	165-2				108		%
Indium	115-1				115		%
Indium	115-2				101		%
Iron	56-2	22.85	22.53	22.16	22.51	1.53	ppb
Iron	57-2	18.42	23.46	19.40	20.43	13.08	ppb
Lead	206-1	0.14	0.14	0.13	0.13	5.91	ppb
Lead	207-1	0.13	0.15	0.15	0.14	9.62	ppb
Lead	208-1	0.14	0.15	0.13	0.14	6.54	ppb
Lithium	6-1				110		%
Magnesium	24-2	47.76	45.04	45.54	46.12	3.14	ppb
Manganese	55-2	0.03	0.08	0.05	0.06	48.68	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:08:35	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.01	0.06	0.05	73.02	ppb
Molybdenum	95-1	0.06	0.06	0.10	0.07	29.66	ppb
Molybdenum	96-1	0.02	0.09	0.08	0.07	55.20	ppb
Molybdenum	97-1	0.11	0.02	0.05	0.06	80.34	ppb
Molybdenum	98-1	0.08	0.06	0.08	0.08	13.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.11	0.09	0.10	9.39	ppb
Phosphorus	31-2	-111.85	-103.56	-75.06	-96.83		ppb
Potassium	39-2	14.06	15.33	19.00	16.13	15.91	ppb
Rhodium	103-1				114		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				97		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.47	0.35	-0.01	0.27	93.12	ppb
Selenium	82-1	0.33	0.11	-0.01	0.15	116.39	ppb
Silicon	28-1	-139.82	-115.08	-129.82	-128.24		ppb
Silver	109-1	0.11	0.08	0.09	0.09	15.49	ppb
Silver	107-1	0.12	0.10	0.08	0.10	18.99	ppb
Sodium	23-2	68.71	68.00	65.68	67.46	2.35	ppb
Strontium	86-1	0.00	-0.01	-0.09	-0.03		ppb
Strontium	88-1	0.01	0.01	0.02	0.02	53.80	ppb
Sulfur	34-1	-1799.66	-1591.48	-1774.29	-1721.81		ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.05	0.05	0.05	14.90	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	21.90	ppb
Tin	118-1	0.06	0.06	0.06	0.06	2.26	ppb
Titanium	47-1	-0.31	-0.08	-0.05	-0.15		ppb
Uranium	238-1	0.00	0.01	0.01	0.01	48.06	ppb
Vanadium	51-2	0.09	0.13	0.07	0.10	32.67	ppb
Yttrium	89-1				116		%
Yttrium	89-2				100		%
Zinc	66-2	0.14	0.18	0.06	0.13	50.00	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	87.55	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:08:35	DataFile Name :	066CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.03	0.01	0.01	233.46	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-19	Instrumnet Name :	P8
Client Sample ID :	S73-0223	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:13:42	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.33	10.09	7.45	7.62	31.26	ppb
Antimony	121-1	4.10	3.04	2.35	3.16	27.82	ppb
Arsenic	75-2	20.32	22.24	22.93	21.83	6.19	ppb
Barium	135-1	21.32	21.36	21.65	21.44	0.83	ppb
Barium	137-1	21.16	21.90	21.72	21.59	1.79	ppb
Beryllium	9-1	-0.01	0.05	0.05	0.03	109.55	ppb
Bismuth	209-1				119		%
Bismuth	209-2				97		%
Boron	10-1	46.74	45.44	43.17	45.12	4.01	ppb
Boron	11-1	43.31	42.96	40.52	42.26	3.59	ppb
Cadmium	111-1	-0.06	-0.13	-0.10	-0.10		ppb
Cadmium	106-1	-1.28	-2.34	-1.79	-1.80		ppb
Cadmium	108-1	0.06	0.01	0.01	0.03	104.15	ppb
Calcium	43-1	52235.94	53128.44	52232.02	52532.13	0.98	ppb
Calcium	44-1	50913.17	50356.68	50998.93	50756.26	0.69	ppb
Chromium	52-2	0.43	0.40	0.42	0.41	3.69	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	8468.62	ppb
Copper	63-2	1.88	1.87	1.99	1.91	3.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				98		%
Indium	115-1				109		%
Indium	115-2				87		%
Iron	56-2	4189.72	4098.03	4456.25	4248.00	4.38	ppb
Iron	57-2	3273.61	3210.98	3492.17	3325.58	4.44	ppb
Lead	206-1	0.20	0.17	0.17	0.18	10.71	ppb
Lead	207-1	0.18	0.20	0.15	0.18	14.33	ppb
Lead	208-1	0.20	0.17	0.16	0.18	10.72	ppb
Lithium	6-1				90		%
Magnesium	24-2	17164.72	16955.16	18584.58	17568.15	5.05	ppb
Manganese	55-2	430.81	427.92	465.58	441.44	4.75	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-19	Instrumnet Name :	P8
Client Sample ID :	S73-0223	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:13:42	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.39	0.35	0.40	0.38	7.42	ppb
Molybdenum	95-1	0.49	0.59	0.61	0.56	11.40	ppb
Molybdenum	96-1	0.53	0.47	0.56	0.52	8.21	ppb
Molybdenum	97-1	0.52	0.57	0.57	0.55	4.60	ppb
Molybdenum	98-1	0.52	0.58	0.59	0.56	7.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.98	1.00	0.95	7.93	ppb
Phosphorus	31-2	-151.26	-85.20	-98.11	-111.52		ppb
Potassium	39-2	5527.16	5518.06	6070.17	5705.13	5.54	ppb
Rhodium	103-1				104		%
Rhodium	103-2				93		%
Scandium	45-1				85		%
Scandium	45-2				82		%
Selenium	77-2	1.52	-0.58	-0.58	0.12	971.21	ppb
Selenium	78-2	-0.18	0.10	0.42	0.11	272.00	ppb
Selenium	82-1	0.80	0.57	0.13	0.50	67.65	ppb
Silicon	28-1	5896.36	6245.56	5908.26	6016.73	3.30	ppb
Silver	109-1	0.16	0.13	0.15	0.15	8.69	ppb
Silver	107-1	0.21	0.16	0.16	0.18	15.02	ppb
Sodium	23-2	30881.70	30644.87	32881.71	31469.42	3.90	ppb
Strontium	86-1	291.92	291.75	291.91	291.86	0.03	ppb
Strontium	88-1	296.93	301.49	297.80	298.74	0.81	ppb
Sulfur	34-1	5948.56	6315.89	6038.82	6101.09	3.14	ppb
Terbium	159-1				115		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.00	0.02	0.01	68.71	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	25.48	ppb
Tin	118-1	0.98	0.89	0.85	0.91	7.53	ppb
Titanium	47-1	-0.07	0.25	0.14	0.11	150.09	ppb
Uranium	238-1	1.00	0.96	1.02	0.99	2.90	ppb
Vanadium	51-2	0.06	0.16	0.12	0.12	41.98	ppb
Yttrium	89-1				107		%
Yttrium	89-2				85		%
Zinc	66-2	9.11	9.44	9.94	9.50	4.41	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	43.27	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-19	Instrumnet Name :	P8
Client Sample ID :	S73-0223	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:13:42	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.07	0.01	0.03	139.70	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-20	Instrumnet Name :	P8
Client Sample ID :	S73-0230	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:17:18	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.53	21.09	20.72	19.78	9.89	ppb
Antimony	121-1	1.44	1.24	1.39	1.36	7.76	ppb
Arsenic	75-2	31.50	32.25	33.27	32.34	2.75	ppb
Barium	135-1	21.10	20.73	21.89	21.24	2.78	ppb
Barium	137-1	20.44	20.33	21.18	20.65	2.22	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	41.84	ppb
Bismuth	209-1				117		%
Bismuth	209-2				100		%
Boron	10-1	43.49	33.63	37.49	38.20	13.01	ppb
Boron	11-1	37.34	37.14	37.10	37.19	0.35	ppb
Cadmium	111-1	0.03	0.01	0.03	0.03	37.95	ppb
Cadmium	106-1	-2.11	-1.63	-1.30	-1.68		ppb
Cadmium	108-1	0.11	0.31	0.22	0.22	45.80	ppb
Calcium	43-1	71607.17	68679.03	72392.23	70892.81	2.76	ppb
Calcium	44-1	68633.76	65273.89	70624.86	68177.50	3.97	ppb
Chromium	52-2	0.45	0.40	0.42	0.42	5.79	ppb
Cobalt	59-2	3.29	3.40	3.24	3.31	2.55	ppb
Copper	63-2	1.63	1.82	1.91	1.79	7.84	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				116		%
Holmium	165-2				100		%
Indium	115-1				109		%
Indium	115-2				89		%
Iron	56-2	3957.61	4044.24	4089.23	4030.36	1.66	ppb
Iron	57-2	3042.20	3081.01	3195.15	3106.12	2.56	ppb
Lead	206-1	0.08	0.06	0.10	0.08	25.99	ppb
Lead	207-1	0.08	0.06	0.07	0.07	8.27	ppb
Lead	208-1	0.08	0.06	0.09	0.08	19.38	ppb
Lithium	6-1				88		%
Magnesium	24-2	15354.75	16058.62	16008.37	15807.25	2.48	ppb
Manganese	55-2	2520.46	2611.25	2631.77	2587.83	2.29	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-20	Instrumnet Name :	P8
Client Sample ID :	S73-0230	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:17:18	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.20	1.18	1.14	1.17	2.93	ppb
Molybdenum	95-1	1.46	1.51	1.66	1.54	6.87	ppb
Molybdenum	96-1	1.52	1.37	1.46	1.45	5.20	ppb
Molybdenum	97-1	1.52	1.53	1.49	1.51	1.40	ppb
Molybdenum	98-1	1.58	1.49	1.55	1.54	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.61	2.41	2.52	2.51	3.91	ppb
Phosphorus	31-2	-103.47	-119.28	-130.39	-117.71		ppb
Potassium	39-2	4220.33	4450.51	4430.74	4367.19	2.92	ppb
Rhodium	103-1				104		%
Rhodium	103-2				95		%
Scandium	45-1				83		%
Scandium	45-2				83		%
Selenium	77-2	3.55	3.49	5.36	4.13	25.78	ppb
Selenium	78-2	0.16	0.67	0.26	0.36	75.51	ppb
Selenium	82-1	0.66	1.97	0.93	1.19	58.42	ppb
Silicon	28-1	9969.86	9568.05	10125.98	9887.97	2.91	ppb
Silver	109-1	0.08	0.07	0.06	0.07	16.15	ppb
Silver	107-1	0.07	0.08	0.07	0.07	6.92	ppb
Sodium	23-2	24094.79	24799.01	24588.44	24494.08	1.48	ppb
Strontium	86-1	389.13	383.72	404.48	392.44	2.74	ppb
Strontium	88-1	396.75	398.79	413.58	403.04	2.28	ppb
Sulfur	34-1	4894.77	4098.78	4527.96	4507.17	8.84	ppb
Terbium	159-1				116		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.00	0.01	45.81	ppb
Thallium	205-1	0.00	0.01	0.01	0.00	32.07	ppb
Tin	118-1	0.63	0.65	0.74	0.68	8.73	ppb
Titanium	47-1	0.14	0.30	0.52	0.32	59.71	ppb
Uranium	238-1	1.03	1.05	1.05	1.05	1.01	ppb
Vanadium	51-2	0.09	0.12	0.11	0.11	12.76	ppb
Yttrium	89-1				105		%
Yttrium	89-2				88		%
Zinc	66-2	13.51	13.27	13.50	13.43	0.99	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	33.52	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-20	Instrumnet Name :	P8
Client Sample ID :	S73-0230	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:17:18	DataFile Name :	068SMPL.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0227DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:20:55	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.00	4.65	3.62	3.42	38.97	ppb
Antimony	121-1	0.28	0.25	0.31	0.28	11.12	ppb
Arsenic	75-2	26.78	27.22	27.94	27.31	2.16	ppb
Barium	135-1	2.53	2.43	2.10	2.35	9.51	ppb
Barium	137-1	2.26	2.49	2.22	2.32	6.40	ppb
Beryllium	9-1	0.04	0.06	0.00	0.03	95.04	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Boron	10-1	15.61	14.95	14.12	14.89	5.00	ppb
Boron	11-1	18.30	15.06	15.55	16.30	10.72	ppb
Cadmium	111-1	-0.11	-0.04	-0.09	-0.08		ppb
Cadmium	106-1	-1.66	-0.55	-1.28	-1.17		ppb
Cadmium	108-1	0.07	0.01	0.06	0.05	63.49	ppb
Calcium	43-1	17715.84	16799.08	16614.49	17043.14	3.46	ppb
Calcium	44-1	17386.62	16879.42	16547.82	16937.95	2.49	ppb
Chromium	52-2	0.06	0.14	0.06	0.08	55.37	ppb
Cobalt	59-2	0.11	0.08	0.04	0.08	39.57	ppb
Copper	63-2	0.56	0.51	0.55	0.54	4.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				97		%
Iron	56-2	2942.54	2928.78	2842.07	2904.46	1.88	ppb
Iron	57-2	2253.28	2224.04	2249.07	2242.13	0.70	ppb
Lead	206-1	0.01	0.01	0.02	0.01	87.75	ppb
Lead	207-1	0.01	0.01	0.01	0.01	30.20	ppb
Lead	208-1	0.01	0.00	0.00	0.00	48.84	ppb
Lithium	6-1				95		%
Magnesium	24-2	3232.16	3217.24	3153.14	3200.85	1.31	ppb
Manganese	55-2	407.99	403.43	406.81	406.08	0.58	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0227DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:20:55	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.21	0.12	0.16	27.95	ppb
Molybdenum	95-1	0.30	0.22	0.23	0.25	17.14	ppb
Molybdenum	96-1	0.25	0.25	0.17	0.22	21.80	ppb
Molybdenum	97-1	0.24	0.22	0.18	0.21	16.51	ppb
Molybdenum	98-1	0.22	0.23	0.18	0.21	11.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.17	0.17	0.17	3.59	ppb
Phosphorus	31-2	-90.49	-118.08	-63.58	-90.72		ppb
Potassium	39-2	1194.61	1205.47	1196.42	1198.83	0.49	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	-0.32	0.45	0.42	0.18	237.57	ppb
Selenium	82-1	0.03	0.50	-0.69	-0.05		ppb
Silicon	28-1	2756.51	2493.60	2401.36	2550.49	7.23	ppb
Silver	109-1	0.02	0.01	0.02	0.02	39.80	ppb
Silver	107-1	0.04	0.02	0.01	0.03	50.05	ppb
Sodium	23-2	4720.95	4671.80	4625.92	4672.89	1.02	ppb
Strontium	86-1	167.45	163.24	155.68	162.12	3.68	ppb
Strontium	88-1	173.70	168.28	163.39	168.46	3.06	ppb
Sulfur	34-1	19.69	-569.03	-916.06	-488.47		ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.12	0.09	0.11	0.11	14.11	ppb
Titanium	47-1	-0.24	-0.06	-0.38	-0.23		ppb
Uranium	238-1	0.97	0.92	0.90	0.93	4.06	ppb
Vanadium	51-2	0.05	0.07	0.03	0.05	38.31	ppb
Yttrium	89-1				109		%
Yttrium	89-2				96		%
Zinc	66-2	1.56	1.21	1.47	1.41	12.62	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	73.10	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0227DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:20:55	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	0.02	0.03	0.01	270.00	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-02DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0228DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:24:31	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.64	1.83	1.48	3.32	86.94	ppb
Antimony	121-1	0.31	0.31	0.34	0.32	6.59	ppb
Arsenic	75-2	0.79	0.93	0.91	0.88	8.93	ppb
Barium	135-1	2.47	2.32	2.33	2.37	3.52	ppb
Barium	137-1	2.52	2.40	2.29	2.40	4.89	ppb
Beryllium	9-1	0.03	0.04	0.02	0.03	32.31	ppb
Bismuth	209-1				117		%
Bismuth	209-2				103		%
Boron	10-1	17.04	16.00	12.69	15.25	14.92	ppb
Boron	11-1	14.10	13.92	14.09	14.04	0.74	ppb
Cadmium	111-1	-0.04	-0.07	0.01	-0.03		ppb
Cadmium	106-1	-1.06	-1.30	-0.45	-0.94		ppb
Cadmium	108-1	0.01	0.01	-0.04	-0.01		ppb
Calcium	43-1	15086.45	15069.63	14891.45	15015.84	0.72	ppb
Calcium	44-1	14947.41	14859.86	14636.18	14814.48	1.08	ppb
Chromium	52-2	0.14	0.20	0.09	0.15	36.94	ppb
Cobalt	59-2	0.27	0.30	0.27	0.28	5.69	ppb
Copper	63-2	0.35	0.36	0.24	0.32	19.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				103		%
Indium	115-1				113		%
Indium	115-2				95		%
Iron	56-2	176.60	191.47	175.72	181.27	4.88	ppb
Iron	57-2	150.24	159.35	150.06	153.22	3.47	ppb
Lead	206-1	0.00	0.01	0.01	0.01	135.62	ppb
Lead	207-1	0.01	0.04	0.02	0.02	68.40	ppb
Lead	208-1	0.00	0.01	0.01	0.01	140.16	ppb
Lithium	6-1				98		%
Magnesium	24-2	4120.13	4352.36	3998.22	4156.90	4.33	ppb
Manganese	55-2	504.04	537.95	493.26	511.75	4.56	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-02DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0228DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:24:31	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.14	0.12	0.15	0.14	11.88	ppb
Molybdenum	95-1	0.17	0.16	0.16	0.17	4.71	ppb
Molybdenum	96-1	0.23	0.22	0.17	0.21	14.71	ppb
Molybdenum	97-1	0.18	0.15	0.18	0.17	10.02	ppb
Molybdenum	98-1	0.22	0.17	0.19	0.19	12.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.58	0.64	0.57	13.84	ppb
Phosphorus	31-2	-82.43	-100.27	-141.88	-108.19		ppb
Potassium	39-2	843.31	893.32	830.24	855.62	3.89	ppb
Rhodium	103-1				111		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				90		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	-0.29	-0.63	0.07	-0.28		ppb
Selenium	82-1	0.04	-0.28	-0.51	-0.25		ppb
Silicon	28-1	1121.37	1217.06	1199.05	1179.16	4.31	ppb
Silver	109-1	0.01	0.01	0.01	0.01	36.14	ppb
Silver	107-1	0.01	0.02	0.01	0.01	29.89	ppb
Sodium	23-2	3421.76	3641.30	3333.36	3465.47	4.58	ppb
Strontium	86-1	88.97	87.93	85.69	87.53	1.91	ppb
Strontium	88-1	90.14	88.93	87.79	88.96	1.32	ppb
Sulfur	34-1	-283.98	18.92	-124.95	-130.00		ppb
Terbium	159-1				118		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.00	0.00	0.00	1069.55	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.10	0.09	0.09	0.09	5.95	ppb
Titanium	47-1	-0.09	-0.20	-0.07	-0.12		ppb
Uranium	238-1	0.38	0.40	0.40	0.39	2.28	ppb
Vanadium	51-2	0.03	0.04	0.03	0.03	19.71	ppb
Yttrium	89-1				111		%
Yttrium	89-2				93		%
Zinc	66-2	3.51	3.78	3.18	3.49	8.64	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	72.93	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-02DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0228DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:24:31	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.00	0.01	53.29	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0224DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:28:09	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.51	14.49	2.73	6.58	104.19	ppb
Antimony	121-1	0.34	0.26	0.27	0.29	15.25	ppb
Arsenic	75-2	21.93	21.56	23.15	22.21	3.74	ppb
Barium	135-1	2.67	2.52	2.63	2.61	2.95	ppb
Barium	137-1	2.74	2.45	2.39	2.53	7.44	ppb
Beryllium	9-1	0.03	0.00	0.05	0.03	89.54	ppb
Bismuth	209-1				114		%
Bismuth	209-2				103		%
Boron	10-1	9.53	14.01	14.31	12.62	21.20	ppb
Boron	11-1	11.28	12.51	11.84	11.88	5.19	ppb
Cadmium	111-1	-0.06	0.00	-0.06	-0.04		ppb
Cadmium	106-1	-0.81	-0.05	-0.83	-0.56		ppb
Cadmium	108-1	0.07	0.01	0.01	0.03	107.98	ppb
Calcium	43-1	10527.19	10035.61	9726.86	10096.55	4.00	ppb
Calcium	44-1	10363.72	9739.21	9762.58	9955.17	3.56	ppb
Chromium	52-2	0.13	0.08	0.13	0.11	27.09	ppb
Cobalt	59-2	0.09	0.06	0.11	0.09	30.68	ppb
Copper	63-2	0.41	0.37	0.40	0.40	4.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				96		%
Iron	56-2	1138.32	1119.26	1133.52	1130.37	0.88	ppb
Iron	57-2	910.65	883.61	960.09	918.11	4.22	ppb
Lead	206-1	0.03	0.05	0.03	0.04	27.10	ppb
Lead	207-1	0.07	0.03	0.05	0.05	38.20	ppb
Lead	208-1	0.05	0.04	0.05	0.05	18.22	ppb
Lithium	6-1				96		%
Magnesium	24-2	1975.55	1954.42	1927.90	1952.63	1.22	ppb
Manganese	55-2	517.30	511.65	518.33	515.76	0.70	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0224DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:28:09	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.85	3.28	3.35	3.49	9.00	ppb
Molybdenum	95-1	4.91	4.89	4.60	4.80	3.63	ppb
Molybdenum	96-1	4.73	4.43	4.40	4.52	4.03	ppb
Molybdenum	97-1	5.48	5.03	4.76	5.09	7.09	ppb
Molybdenum	98-1	5.05	4.81	4.97	4.94	2.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.21	0.28	0.27	19.69	ppb
Phosphorus	31-2	-69.58	-163.19	-21.97	-84.91		ppb
Potassium	39-2	695.79	688.49	700.68	694.99	0.88	ppb
Rhodium	103-1				108		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	-0.58	3.14	-0.58	0.66	323.75	ppb
Selenium	78-2	-0.13	0.30	1.32	0.50	149.26	ppb
Selenium	82-1	0.68	0.17	0.39	0.41	62.33	ppb
Silicon	28-1	1887.00	1711.53	1706.57	1768.37	5.81	ppb
Silver	109-1	0.02	0.00	0.01	0.01	86.83	ppb
Silver	107-1	0.01	0.01	0.02	0.01	29.40	ppb
Sodium	23-2	4949.67	4898.93	4988.02	4945.54	0.90	ppb
Strontium	86-1	63.55	57.89	57.83	59.76	5.50	ppb
Strontium	88-1	63.98	58.77	58.89	60.55	4.91	ppb
Sulfur	34-1	114.63	-422.81	-871.57	-393.25		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.08	0.07	0.07	0.08	7.33	ppb
Titanium	47-1	-0.05	-0.11	-0.14	-0.10		ppb
Uranium	238-1	0.11	0.10	0.10	0.10	5.57	ppb
Vanadium	51-2	0.07	0.06	0.06	0.06	7.02	ppb
Yttrium	89-1				108		%
Yttrium	89-2				94		%
Zinc	66-2	1.42	1.55	1.76	1.58	10.90	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	107.64	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0224DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:28:09	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.04	-0.02	0.00	612.45	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0225DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:31:48	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.40	4.77	6.38	5.19	20.29	ppb
Antimony	121-1	0.27	0.24	0.26	0.26	5.04	ppb
Arsenic	75-2	21.94	20.89	21.02	21.28	2.68	ppb
Barium	135-1	2.36	2.30	2.58	2.41	6.21	ppb
Barium	137-1	2.33	2.34	2.52	2.40	4.36	ppb
Beryllium	9-1	-0.02	0.03	-0.01	0.00	6885.28	ppb
Bismuth	209-1				116		%
Bismuth	209-2				105		%
Boron	10-1	9.53	11.87	10.01	10.47	11.75	ppb
Boron	11-1	10.63	9.82	10.05	10.16	4.08	ppb
Cadmium	111-1	-0.03	-0.06	-0.06	-0.05		ppb
Cadmium	106-1	-0.40	-0.71	-0.92	-0.67		ppb
Cadmium	108-1	-0.04	0.06	0.01	0.01	444.45	ppb
Calcium	43-1	9553.01	9605.85	9719.88	9626.25	0.89	ppb
Calcium	44-1	9404.47	9428.01	9700.28	9510.92	1.73	ppb
Chromium	52-2	0.15	0.13	0.10	0.12	21.51	ppb
Cobalt	59-2	0.07	0.09	0.09	0.08	18.22	ppb
Copper	63-2	0.34	0.38	0.47	0.40	16.42	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				115		%
Holmium	165-2				107		%
Indium	115-1				112		%
Indium	115-2				97		%
Iron	56-2	1083.45	1065.62	1083.85	1077.64	0.97	ppb
Iron	57-2	885.33	893.97	890.30	889.87	0.49	ppb
Lead	206-1	0.03	0.04	0.05	0.04	27.89	ppb
Lead	207-1	0.05	0.05	0.06	0.05	12.92	ppb
Lead	208-1	0.05	0.04	0.05	0.05	8.11	ppb
Lithium	6-1				99		%
Magnesium	24-2	1915.18	1860.63	1902.66	1892.83	1.51	ppb
Manganese	55-2	498.20	490.51	497.96	495.56	0.88	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0225DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:31:48	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.34	3.19	3.25	3.26	2.39	ppb
Molybdenum	95-1	4.61	4.74	4.49	4.61	2.70	ppb
Molybdenum	96-1	4.62	4.69	4.64	4.65	0.83	ppb
Molybdenum	97-1	4.47	4.66	4.76	4.63	3.16	ppb
Molybdenum	98-1	4.72	4.69	4.80	4.74	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.14	0.17	0.16	13.98	ppb
Phosphorus	31-2	-106.20	-123.49	-94.11	-107.93		ppb
Potassium	39-2	672.65	650.89	661.23	661.59	1.65	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	-0.58	-0.58	1.20	0.02	5815.24	ppb
Selenium	78-2	0.03	-0.05	-0.25	-0.09		ppb
Selenium	82-1	1.10	0.36	0.50	0.65	59.90	ppb
Silicon	28-1	1655.16	1655.01	1682.23	1664.13	0.94	ppb
Silver	109-1	0.00	0.01	0.01	0.01	30.82	ppb
Silver	107-1	0.02	0.01	0.02	0.01	35.67	ppb
Sodium	23-2	4729.64	4677.42	4726.88	4711.32	0.62	ppb
Strontium	86-1	56.15	56.87	55.91	56.31	0.89	ppb
Strontium	88-1	58.00	58.22	57.29	57.84	0.85	ppb
Sulfur	34-1	-900.95	-586.51	-387.44	-624.96		ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	0.00		ppb
Tin	118-1	0.08	0.03	0.04	0.05	59.62	ppb
Titanium	47-1	-0.11	-0.18	0.07	-0.07		ppb
Uranium	238-1	0.10	0.09	0.11	0.10	9.43	ppb
Vanadium	51-2	0.07	0.07	0.10	0.08	21.89	ppb
Yttrium	89-1				110		%
Yttrium	89-2				96		%
Zinc	66-2	1.55	1.14	1.79	1.49	21.95	ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	49.24	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0225DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:31:48	DataFile Name :	072SMPL.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S81-0102DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:35:26	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.57	26.51	27.19	29.09	13.40	ppb
Antimony	121-1	0.28	0.24	0.27	0.26	7.38	ppb
Arsenic	75-2	3.39	3.16	3.31	3.29	3.52	ppb
Barium	135-1	6.82	6.68	7.20	6.90	3.91	ppb
Barium	137-1	7.05	6.46	6.88	6.80	4.46	ppb
Beryllium	9-1	0.00	0.04	0.04	0.03	81.84	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Boron	10-1	9.88	9.07	8.32	9.09	8.62	ppb
Boron	11-1	8.85	9.88	9.22	9.32	5.63	ppb
Cadmium	111-1	-0.15	-0.06	-0.09	-0.10		ppb
Cadmium	106-1	-2.20	-0.84	-1.38	-1.47		ppb
Cadmium	108-1	0.07	0.01	0.01	0.03	104.12	ppb
Calcium	43-1	5813.60	5787.25	5675.86	5758.91	1.27	ppb
Calcium	44-1	5804.12	5782.59	5666.67	5751.12	1.29	ppb
Chromium	52-2	0.26	0.32	0.28	0.29	10.50	ppb
Cobalt	59-2	0.05	0.04	0.03	0.04	25.92	ppb
Copper	63-2	0.54	0.54	0.54	0.54	0.39	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				115		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				98		%
Iron	56-2	211.88	211.12	206.53	209.84	1.38	ppb
Iron	57-2	175.05	171.16	172.02	172.74	1.18	ppb
Lead	206-1	0.14	0.16	0.14	0.15	8.61	ppb
Lead	207-1	0.08	0.15	0.13	0.12	29.01	ppb
Lead	208-1	0.12	0.14	0.12	0.13	9.41	ppb
Lithium	6-1				96		%
Magnesium	24-2	2275.04	2240.00	2213.60	2242.88	1.37	ppb
Manganese	55-2	19.51	19.85	19.50	19.62	1.01	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S81-0102DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:35:26	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.11	0.17	0.09	0.12	33.65	ppb
Molybdenum	95-1	0.10	0.12	0.11	0.11	5.84	ppb
Molybdenum	96-1	0.07	0.10	0.08	0.08	20.30	ppb
Molybdenum	97-1	0.12	0.12	0.12	0.12	1.54	ppb
Molybdenum	98-1	0.09	0.10	0.09	0.10	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.61	0.44	0.55	17.39	ppb
Phosphorus	31-2	-115.10	-122.55	-146.00	-127.88		ppb
Potassium	39-2	1310.82	1360.38	1340.25	1337.15	1.86	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.86	0.10	-0.43	0.18	362.92	ppb
Selenium	82-1	-0.06	0.25	0.47	0.22	122.55	ppb
Silicon	28-1	1091.37	1083.28	1033.27	1069.30	2.94	ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.20	ppb
Silver	107-1	0.01	0.00	0.01	0.01	60.40	ppb
Sodium	23-2	12971.32	12796.28	12736.59	12834.73	0.95	ppb
Strontium	86-1	32.64	33.58	32.53	32.92	1.74	ppb
Strontium	88-1	33.88	34.33	33.74	33.98	0.90	ppb
Sulfur	34-1	508.89	452.22	38.56	333.22	77.05	ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	1.95	1.82	1.91	1.89	3.49	ppb
Titanium	47-1	1.15	1.46	1.12	1.25	15.02	ppb
Uranium	238-1	0.16	0.15	0.15	0.16	3.47	ppb
Vanadium	51-2	0.12	0.13	0.15	0.13	10.99	ppb
Yttrium	89-1				109		%
Yttrium	89-2				97		%
Zinc	66-2	47.17	46.64	45.83	46.55	1.45	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	5.99	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S81-0102DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:35:26	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.03	0.04	0.02	87.28	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:39:04	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	1.93	3.58	1.75	109.58	ppb
Antimony	121-1	0.27	0.25	0.27	0.26	4.07	ppb
Arsenic	75-2	4.63	4.30	4.81	4.58	5.66	ppb
Barium	135-1	5.48	5.06	6.56	5.70	13.51	ppb
Barium	137-1	5.81	5.50	6.20	5.84	5.98	ppb
Beryllium	9-1	-0.01	-0.01	0.00	0.00		ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Boron	10-1	7.32	8.22	8.68	8.07	8.59	ppb
Boron	11-1	9.71	10.14	10.34	10.06	3.19	ppb
Cadmium	111-1	-0.07	-0.10	-0.07	-0.08		ppb
Cadmium	106-1	-1.01	-1.25	-0.94	-1.07		ppb
Cadmium	108-1	-0.04	0.17	0.02	0.05	223.33	ppb
Calcium	43-1	16457.87	16301.49	18071.38	16943.58	5.78	ppb
Calcium	44-1	16117.40	16034.95	17389.23	16513.86	4.60	ppb
Chromium	52-2	0.15	0.13	0.12	0.13	12.34	ppb
Cobalt	59-2	0.12	0.20	0.14	0.15	26.88	ppb
Copper	63-2	0.20	0.24	0.23	0.22	8.79	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				112		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				98		%
Iron	56-2	738.35	752.73	756.84	749.31	1.30	ppb
Iron	57-2	616.88	634.28	587.17	612.78	3.89	ppb
Lead	206-1	-0.01	-0.02	-0.01	-0.01		ppb
Lead	207-1	0.00	-0.01	0.00	0.00		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				93		%
Magnesium	24-2	3665.55	3709.86	3708.19	3694.53	0.68	ppb
Manganese	55-2	867.69	887.68	878.31	877.90	1.14	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:39:04	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.26	0.36	0.32	15.36	ppb
Molybdenum	95-1	0.41	0.31	0.41	0.37	15.64	ppb
Molybdenum	96-1	0.41	0.36	0.29	0.35	16.36	ppb
Molybdenum	97-1	0.49	0.24	0.46	0.39	34.70	ppb
Molybdenum	98-1	0.34	0.30	0.38	0.34	10.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.18	0.16	0.19	19.49	ppb
Phosphorus	31-2	-72.97	-46.20	-90.35	-69.84		ppb
Potassium	39-2	958.22	997.52	970.76	975.50	2.06	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	-0.58	1.25	-0.58	0.03	3156.85	ppb
Selenium	78-2	0.83	-0.38	-0.42	0.01	6660.89	ppb
Selenium	82-1	0.40	-0.56	0.50	0.11	525.94	ppb
Silicon	28-1	2380.31	2382.54	2666.82	2476.56	6.65	ppb
Silver	109-1	0.00	0.00	0.01	0.00	118.05	ppb
Silver	107-1	0.01	0.02	0.01	0.01	5.57	ppb
Sodium	23-2	3983.52	4109.50	4025.78	4039.60	1.59	ppb
Strontium	86-1	102.38	99.89	111.62	104.63	5.90	ppb
Strontium	88-1	105.59	103.40	114.31	107.77	5.35	ppb
Sulfur	34-1	-701.45	-672.08	402.57	-323.65		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.08	0.06	0.05	0.06	26.21	ppb
Titanium	47-1	-0.26	-0.32	0.05	-0.18		ppb
Uranium	238-1	0.30	0.29	0.29	0.29	1.33	ppb
Vanadium	51-2	0.03	0.03	0.05	0.04	30.74	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	1.89	1.25	1.38	1.50	22.58	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	35.85	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:39:04	DataFile Name :	074SMPL.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:42:41	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.53	1.92	1.07	1.17	59.76	ppb
Antimony	121-1	0.28	0.28	0.32	0.29	7.09	ppb
Arsenic	75-2	4.43	4.53	4.61	4.52	2.02	ppb
Barium	135-1	5.65	5.37	5.45	5.49	2.61	ppb
Barium	137-1	5.48	5.38	6.07	5.64	6.62	ppb
Beryllium	9-1	-0.01	0.02	0.00	0.01	290.16	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Boron	10-1	8.84	10.20	9.07	9.37	7.79	ppb
Boron	11-1	8.42	8.74	9.57	8.91	6.63	ppb
Cadmium	111-1	0.02	-0.13	-0.14	-0.08		ppb
Cadmium	106-1	0.22	-1.67	-2.17	-1.21		ppb
Cadmium	108-1	-0.04	0.01	-0.04	-0.02		ppb
Calcium	43-1	16150.95	16758.12	16120.34	16343.14	2.20	ppb
Calcium	44-1	15750.59	16128.90	16054.14	15977.88	1.25	ppb
Chromium	52-2	0.18	0.17	0.17	0.17	6.21	ppb
Cobalt	59-2	0.14	0.16	0.17	0.16	10.30	ppb
Copper	63-2	0.14	0.17	0.19	0.17	16.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				99		%
Iron	56-2	744.33	743.67	754.28	747.43	0.80	ppb
Iron	57-2	593.88	620.37	587.71	600.66	2.89	ppb
Lead	206-1	0.00	-0.04	0.01	-0.01		ppb
Lead	207-1	-0.01	-0.02	0.01	-0.01		ppb
Lead	208-1	-0.01	-0.02	-0.01	-0.01		ppb
Lithium	6-1				94		%
Magnesium	24-2	3672.13	3643.16	3696.64	3670.64	0.73	ppb
Manganese	55-2	873.22	879.65	880.78	877.89	0.46	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:42:41	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.18	0.26	0.25	0.23	17.24	ppb
Molybdenum	95-1	0.39	0.41	0.35	0.38	8.09	ppb
Molybdenum	96-1	0.36	0.30	0.35	0.34	9.16	ppb
Molybdenum	97-1	0.34	0.29	0.29	0.31	8.97	ppb
Molybdenum	98-1	0.36	0.35	0.33	0.35	3.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.22	0.18	0.22	18.03	ppb
Phosphorus	31-2	-152.32	-153.19	-107.30	-137.60		ppb
Potassium	39-2	968.20	963.01	970.27	967.16	0.39	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	77-2	-0.58	1.24	-0.58	0.03	3523.43	ppb
Selenium	78-2	-0.50	0.10	-0.27	-0.22		ppb
Selenium	82-1	-0.70	0.89	0.12	0.10	763.52	ppb
Silicon	28-1	2333.67	2400.69	2277.50	2337.28	2.64	ppb
Silver	109-1	0.00	0.01	0.00	0.00	67.74	ppb
Silver	107-1	0.00	0.01	0.01	0.01	101.02	ppb
Sodium	23-2	4030.34	4000.87	4043.99	4025.07	0.55	ppb
Strontium	86-1	99.57	98.34	98.05	98.66	0.82	ppb
Strontium	88-1	104.46	102.19	104.27	103.64	1.22	ppb
Sulfur	34-1	-595.57	-423.65	-673.85	-564.36		ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.08	0.05	0.08	0.07	28.17	ppb
Titanium	47-1	0.01	0.01	-0.07	-0.02		ppb
Uranium	238-1	0.29	0.27	0.28	0.28	4.22	ppb
Vanadium	51-2	0.07	0.04	0.05	0.05	24.36	ppb
Yttrium	89-1				109		%
Yttrium	89-2				97		%
Zinc	66-2	1.04	1.47	1.85	1.46	28.06	ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	88.35	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:42:41	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.00	0.00	257.18	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09LDLX25	Instrumnet Name :	P8
Client Sample ID :	S73-0229LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-25 18:46:19	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.63	1.49	-0.67	0.82	158.39	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	16.88	ppb
Arsenic	75-2	0.84	1.05	0.89	0.93	11.91	ppb
Barium	135-1	1.21	1.14	1.25	1.20	4.70	ppb
Barium	137-1	1.14	1.14	1.04	1.11	5.19	ppb
Beryllium	9-1	0.02	-0.01	0.02	0.01	177.20	ppb
Bismuth	209-1				110		%
Bismuth	209-2				105		%
Boron	10-1	4.81	5.01	7.85	5.89	28.85	ppb
Boron	11-1	5.33	5.62	5.86	5.60	4.76	ppb
Cadmium	111-1	-0.12	0.13	0.02	0.01	1329.73	ppb
Cadmium	106-1	-1.63	1.96	0.37	0.23	774.09	ppb
Cadmium	108-1	0.01	0.01	0.12	0.05	130.72	ppb
Calcium	43-1	3325.30	3239.87	3361.18	3308.78	1.88	ppb
Calcium	44-1	3331.62	3272.89	3336.34	3313.62	1.07	ppb
Chromium	52-2	-0.03	0.07	0.11	0.05	136.56	ppb
Cobalt	59-2	0.00	0.04	-0.01	0.01	279.66	ppb
Copper	63-2	0.00	-0.03	-0.05	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	56-2	150.49	149.13	148.66	149.43	0.63	ppb
Iron	57-2	124.13	112.50	122.02	119.55	5.18	ppb
Lead	206-1	-0.01	-0.02	-0.04	-0.02		ppb
Lead	207-1	-0.03	-0.02	-0.02	-0.02		ppb
Lead	208-1	-0.01	-0.02	-0.03	-0.02		ppb
Lithium	6-1				101		%
Magnesium	24-2	768.85	747.00	749.22	755.02	1.59	ppb
Manganese	55-2	178.55	176.85	176.11	177.17	0.71	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09LDLX25	Instrumnet Name :	P8
Client Sample ID :	S73-0229LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-25 18:46:19	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.08	0.00	0.04	95.83	ppb
Molybdenum	95-1	0.07	0.06	0.08	0.07	13.91	ppb
Molybdenum	96-1	0.05	0.04	0.02	0.04	31.30	ppb
Molybdenum	97-1	0.08	0.09	0.04	0.07	32.81	ppb
Molybdenum	98-1	0.07	0.07	0.05	0.06	15.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.02	0.02	0.03	77.54	ppb
Phosphorus	31-2	-57.01	-76.19	-154.09	-95.76		ppb
Potassium	39-2	198.18	189.70	193.05	193.64	2.21	ppb
Rhodium	103-1				115		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	3.09	-0.58	-0.58	0.65	327.40	ppb
Selenium	78-2	-0.70	-0.27	-0.46	-0.48		ppb
Selenium	82-1	0.17	1.47	0.74	0.79	81.72	ppb
Silicon	28-1	410.60	434.72	441.41	428.91	3.78	ppb
Silver	109-1	0.01	0.01	0.01	0.01	4.29	ppb
Silver	107-1	0.00	0.01	0.01	0.01	47.17	ppb
Sodium	23-2	831.17	801.11	811.35	814.54	1.88	ppb
Strontium	86-1	19.81	20.70	20.17	20.23	2.20	ppb
Strontium	88-1	20.96	20.82	20.97	20.92	0.39	ppb
Sulfur	34-1	-765.72	-371.47	1265.88	42.90	2511.42	ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.02	0.02	-0.01	0.01	127.47	ppb
Titanium	47-1	-0.35	-0.37	-0.30	-0.34		ppb
Uranium	238-1	0.06	0.07	0.05	0.06	16.16	ppb
Vanadium	51-2	0.02	0.02	0.01	0.01	38.15	ppb
Yttrium	89-1				116		%
Yttrium	89-2				100		%
Zinc	66-2	0.17	0.34	0.03	0.18	87.11	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	91.75	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09LDLX25	Instrumnet Name :	P8
Client Sample ID :	S73-0229LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-25 18:46:19	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.01	0.01	95.02	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:56:52	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45535.92	45252.52	45789.27	45525.90	0.59	ppb
Antimony	121-1	512.47	511.45	521.29	515.07	1.05	ppb
Arsenic	75-2	494.39	495.45	489.17	493.00	0.68	ppb
Barium	135-1	2620.38	2536.55	2618.24	2591.72	1.84	ppb
Barium	137-1	2607.57	2547.65	2646.08	2600.43	1.91	ppb
Beryllium	9-1	512.98	504.65	511.07	509.57	0.86	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	476.21	486.77	488.66	483.88	1.39	ppb
Boron	11-1	470.30	482.32	502.61	485.08	3.37	ppb
Cadmium	111-1	509.57	494.56	511.15	505.09	1.81	ppb
Cadmium	106-1	521.17	512.32	508.68	514.06	1.25	ppb
Cadmium	108-1	519.07	501.07	509.41	509.85	1.77	ppb
Calcium	43-1	261817.83	243686.63	255073.97	253526.14	3.61	ppb
Calcium	44-1	253838.93	238307.23	251058.13	247734.77	3.34	ppb
Chromium	52-2	504.58	503.57	495.52	501.22	0.99	ppb
Cobalt	59-2	503.70	500.90	491.96	498.85	1.23	ppb
Copper	63-2	997.55	991.29	966.78	985.20	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	122656.81	122552.06	119011.62	121406.83	1.71	ppb
Iron	57-2	114555.59	114381.12	113077.59	114004.77	0.71	ppb
Lead	206-1	504.18	486.67	505.82	498.89	2.13	ppb
Lead	207-1	503.60	485.85	499.03	496.16	1.86	ppb
Lead	208-1	517.24	496.73	517.06	510.34	2.31	ppb
Lithium	6-1				109		%
Magnesium	24-2	240090.46	239438.08	231905.84	237144.79	1.92	ppb
Manganese	55-2	991.24	989.08	971.45	983.92	1.10	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:56:52	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2664.10	2569.05	2626.87	2620.01	1.83	ppb
Molybdenum	95-1	2680.14	2568.75	2659.79	2636.23	2.25	ppb
Molybdenum	96-1	2697.02	2583.02	2600.39	2626.81	2.34	ppb
Molybdenum	97-1	2651.89	2581.43	2615.85	2616.39	1.35	ppb
Molybdenum	98-1	2610.74	2545.86	2597.46	2584.69	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.09	501.27	487.88	498.41	1.89	ppb
Phosphorus	31-2	9569.64	10026.09	9582.69	9726.14	2.67	ppb
Potassium	39-2	119272.06	119437.40	117208.08	118639.18	1.05	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	476.47	435.73	479.71	463.97	5.28	ppb
Selenium	78-2	476.46	480.71	467.03	474.73	1.47	ppb
Selenium	82-1	510.54	500.41	510.92	507.29	1.18	ppb
Silicon	28-1	486.59	402.80	463.28	450.89	9.59	ppb
Silver	109-1	508.18	493.06	519.49	506.91	2.62	ppb
Silver	107-1	517.33	495.02	513.49	508.61	2.35	ppb
Sodium	23-2	239664.86	239777.20	234164.92	237868.99	1.35	ppb
Strontium	86-1	521.78	503.43	521.12	515.44	2.02	ppb
Strontium	88-1	527.38	509.50	531.40	522.76	2.23	ppb
Sulfur	34-1	10920.36	9504.89	10110.30	10178.52	6.98	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	512.89	502.04	525.54	513.49	2.29	ppb
Thallium	205-1	526.24	508.13	532.93	522.43	2.46	ppb
Tin	118-1	522.23	505.68	523.27	517.06	1.91	ppb
Titanium	47-1	2662.12	2536.69	2636.18	2611.66	2.54	ppb
Uranium	238-1	522.29	513.76	524.13	520.06	1.06	ppb
Vanadium	51-2	500.65	498.21	495.12	497.99	0.56	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	982.36	988.52	964.84	978.57	1.26	ppb
Zirconium	90-1	533.92	517.20	524.05	525.06	1.60	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:56:52	DataFile Name :	077CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	522.59	505.45	512.42	513.49	1.68	ppb

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P8
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 19:01:42 DataFile Name : 078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.80	-0.97	1.28	-0.16		ppb
Antimony	121-1	0.06	0.06	0.04	0.05	13.78	ppb
Arsenic	75-2	0.02	0.01	0.03	0.02	53.06	ppb
Barium	135-1	0.02	0.00	0.02	0.01	106.32	ppb
Barium	137-1	0.02	0.01	-0.01	0.00	284.69	ppb
Beryllium	9-1	0.08	0.03	0.08	0.06	42.81	ppb
Bismuth	209-1				107		%
Bismuth	209-2				94		%
Boron	10-1	21.84	20.99	20.27	21.03	3.74	ppb
Boron	11-1	21.64	21.03	21.26	21.31	1.45	ppb
Cadmium	111-1	-0.01	-0.11	0.02	-0.03		ppb
Cadmium	106-1	-0.12	-1.62	0.49	-0.42		ppb
Cadmium	108-1	0.01	-0.04	0.07	0.01	373.37	ppb
Calcium	43-1	-10.70	-7.08	-22.21	-13.33		ppb
Calcium	44-1	-2.73	3.11	-0.78	-0.13		ppb
Chromium	52-2	0.03	0.04	-0.02	0.02	212.79	ppb
Cobalt	59-2	0.02	-0.01	-0.02	0.00		ppb
Copper	63-2	0.08	0.04	0.01	0.04	74.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				95		%
Indium	115-1				109		%
Indium	115-2				91		%
Iron	56-2	1.86	0.96	0.38	1.07	69.52	ppb
Iron	57-2	3.22	1.33	1.50	2.02	51.68	ppb
Lead	206-1	0.09	0.10	0.04	0.08	41.57	ppb
Lead	207-1	0.08	0.06	0.07	0.07	16.57	ppb
Lead	208-1	0.07	0.08	0.06	0.07	13.18	ppb
Lithium	6-1				112		%
Magnesium	24-2	4.34	2.41	1.71	2.82	48.29	ppb
Manganese	55-2	-0.09	-0.14	-0.01	-0.08		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:01:42	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.03	0.01	0.01	100.71	ppb
Molybdenum	95-1	0.01	0.01	0.04	0.02	77.75	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	45.14	ppb
Molybdenum	97-1	0.03	0.01	0.05	0.03	62.04	ppb
Molybdenum	98-1	0.02	0.04	0.02	0.03	37.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.04	0.01	-0.01		ppb
Phosphorus	31-2	-159.63	-156.24	-155.83	-157.23		ppb
Potassium	39-2	41.35	10.48	1.58	17.80	117.26	ppb
Rhodium	103-1				109		%
Rhodium	103-2				92		%
Scandium	45-1				108		%
Scandium	45-2				89		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.56	-0.17	0.75	0.38	128.03	ppb
Selenium	82-1	-0.01	0.06	-0.01	0.01	347.71	ppb
Silicon	28-1	-84.27	-85.63	-106.22	-92.04		ppb
Silver	109-1	0.03	0.05	0.04	0.04	19.49	ppb
Silver	107-1	0.05	0.06	0.04	0.05	18.46	ppb
Sodium	23-2	36.93	23.25	22.78	27.65	29.06	ppb
Strontium	86-1	-0.10	0.00	-0.04	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	19.13	ppb
Sulfur	34-1	-709.79	-794.46	-1156.49	-886.91		ppb
Terbium	159-1				110		%
Terbium	159-2				93		%
Thallium	203-1	0.02	0.00	0.01	0.01	92.09	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	25.17	ppb
Tin	118-1	0.01	0.03	0.01	0.02	62.84	ppb
Titanium	47-1	-0.35	-0.09	-0.14	-0.20		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	118.08	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	87.06	ppb
Yttrium	89-1				111		%
Yttrium	89-2				90		%
Zinc	66-2	0.06	0.04	0.00	0.03	82.67	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	99.77	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:01:42	DataFile Name :	078CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.02	0.01	81.83	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-10DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:05:20	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1645.37	1656.73	1705.15	1669.09	1.90	ppb
Antimony	121-1	102.72	103.23	102.02	102.66	0.59	ppb
Arsenic	75-2	106.77	107.09	111.07	108.31	2.21	ppb
Barium	135-1	528.02	533.34	521.30	527.55	1.14	ppb
Barium	137-1	534.48	534.96	531.71	533.72	0.33	ppb
Beryllium	9-1	104.40	101.32	101.47	102.39	1.69	ppb
Bismuth	209-1				111		%
Bismuth	209-2				99		%
Boron	10-1	111.11	107.00	110.13	109.42	1.96	ppb
Boron	11-1	105.33	110.86	114.09	110.09	4.02	ppb
Cadmium	111-1	101.58	103.32	99.43	101.45	1.92	ppb
Cadmium	106-1	103.49	105.39	98.93	102.61	3.24	ppb
Cadmium	108-1	104.24	99.91	99.40	101.18	2.62	ppb
Calcium	43-1	26708.35	26802.40	26830.32	26780.36	0.24	ppb
Calcium	44-1	26298.48	26878.61	26207.00	26461.36	1.38	ppb
Chromium	52-2	107.34	109.45	109.36	108.71	1.10	ppb
Cobalt	59-2	109.51	110.61	111.47	110.53	0.89	ppb
Copper	63-2	225.34	230.80	231.85	229.33	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				93		%
Iron	56-2	6125.13	6250.49	6354.87	6243.50	1.84	ppb
Iron	57-2	5130.05	5248.62	5475.08	5284.58	3.32	ppb
Lead	206-1	98.71	97.29	98.54	98.18	0.79	ppb
Lead	207-1	94.78	93.47	95.35	94.53	1.02	ppb
Lead	208-1	97.10	95.62	97.01	96.57	0.86	ppb
Lithium	6-1				102		%
Magnesium	24-2	14123.69	14327.74	14262.33	14237.92	0.73	ppb
Manganese	55-2	1070.59	1092.16	1107.88	1090.21	1.72	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-10DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:05:20	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	557.63	546.59	545.22	549.81	1.24	ppb
Molybdenum	95-1	555.85	548.64	547.40	550.63	0.83	ppb
Molybdenum	96-1	549.04	551.24	545.60	548.63	0.52	ppb
Molybdenum	97-1	561.77	557.30	552.26	557.11	0.85	ppb
Molybdenum	98-1	563.13	557.38	552.78	557.76	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.87	113.26	114.84	112.32	2.75	ppb
Phosphorus	31-2	-38.17	-109.05	-98.61	-81.94		ppb
Potassium	39-2	5994.35	6199.09	6195.37	6129.60	1.91	ppb
Rhodium	103-1				105		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				90		%
Selenium	77-2	106.04	105.11	134.57	115.24	14.53	ppb
Selenium	78-2	109.84	97.67	105.84	104.45	5.94	ppb
Selenium	82-1	101.47	103.42	98.64	101.18	2.37	ppb
Silicon	28-1	2502.28	2535.31	2607.07	2548.22	2.10	ppb
Silver	109-1	99.79	100.68	99.19	99.89	0.75	ppb
Silver	107-1	102.02	102.56	100.23	101.60	1.20	ppb
Sodium	23-2	15170.87	15419.53	15417.46	15335.95	0.93	ppb
Strontium	86-1	202.07	201.83	202.10	202.00	0.07	ppb
Strontium	88-1	214.84	209.97	210.90	211.90	1.22	ppb
Sulfur	34-1	-576.09	-605.70	-835.31	-672.37		ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	97.54	98.57	98.81	98.31	0.68	ppb
Thallium	205-1	102.10	100.63	101.63	101.45	0.74	ppb
Tin	118-1	103.54	102.05	101.21	102.27	1.15	ppb
Titanium	47-1	516.95	531.18	525.60	524.57	1.37	ppb
Uranium	238-1	98.84	97.47	98.66	98.33	0.76	ppb
Vanadium	51-2	105.41	107.86	108.40	107.23	1.48	ppb
Yttrium	89-1				107		%
Yttrium	89-2				92		%
Zinc	66-2	213.95	221.58	223.83	219.79	2.35	ppb
Zirconium	90-1	105.61	105.48	105.26	105.45	0.17	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-10DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:05:20	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	103.29	102.71	102.54	102.85	0.38	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-11DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:08:57	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1644.11	1600.00	1592.65	1612.25	1.73	ppb
Antimony	121-1	91.38	110.81	102.42	101.54	9.60	ppb
Arsenic	75-2	108.75	104.98	108.48	107.40	1.96	ppb
Barium	135-1	463.42	567.00	525.92	518.78	10.05	ppb
Barium	137-1	467.09	573.99	530.67	523.92	10.26	ppb
Beryllium	9-1	93.34	104.56	102.51	100.14	5.97	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	10-1	97.71	124.53	115.75	112.66	12.13	ppb
Boron	11-1	98.06	115.50	113.01	108.86	8.67	ppb
Cadmium	111-1	89.29	108.90	100.25	99.48	9.88	ppb
Cadmium	106-1	87.48	103.47	101.40	97.45	8.93	ppb
Cadmium	108-1	85.20	103.26	100.81	96.42	10.16	ppb
Calcium	43-1	24157.44	29300.91	27943.75	27134.03	9.82	ppb
Calcium	44-1	23690.60	28418.86	27226.74	26445.40	9.30	ppb
Chromium	52-2	107.56	107.98	107.70	107.75	0.20	ppb
Cobalt	59-2	111.00	110.39	111.18	110.86	0.37	ppb
Copper	63-2	227.47	224.21	225.44	225.71	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	56-2	6272.77	6142.08	6196.08	6203.64	1.06	ppb
Iron	57-2	5085.92	5122.03	5219.42	5142.46	1.34	ppb
Lead	206-1	90.74	109.02	99.87	99.88	9.15	ppb
Lead	207-1	87.85	104.04	95.58	95.82	8.45	ppb
Lead	208-1	89.35	106.45	98.23	98.01	8.73	ppb
Lithium	6-1				102		%
Magnesium	24-2	14349.36	14300.92	14548.16	14399.48	0.91	ppb
Manganese	55-2	1074.73	1067.83	1070.03	1070.86	0.33	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-11DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:08:57	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	483.96	592.00	543.02	539.66	10.02	ppb
Molybdenum	95-1	487.98	590.28	539.71	539.32	9.48	ppb
Molybdenum	96-1	484.61	593.95	543.44	540.67	10.12	ppb
Molybdenum	97-1	493.17	601.00	547.05	547.07	9.86	ppb
Molybdenum	98-1	493.74	595.10	547.66	545.50	9.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	114.11	112.74	112.47	113.11	0.78	ppb
Phosphorus	31-2	-98.11	-76.97	-134.51	-103.20		ppb
Potassium	39-2	6009.11	5967.96	6040.97	6006.01	0.61	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	92.46	105.61	110.48	102.85	9.06	ppb
Selenium	78-2	99.63	101.91	95.37	98.97	3.35	ppb
Selenium	82-1	92.45	104.65	102.24	99.78	6.48	ppb
Silicon	28-1	2147.49	2814.20	2623.61	2528.43	13.58	ppb
Silver	109-1	88.90	108.16	99.41	98.82	9.76	ppb
Silver	107-1	90.10	109.47	101.48	100.35	9.70	ppb
Sodium	23-2	15346.96	14956.50	15158.57	15154.01	1.29	ppb
Strontium	86-1	178.85	220.75	199.41	199.67	10.49	ppb
Strontium	88-1	192.29	225.76	212.87	210.31	8.03	ppb
Sulfur	34-1	-1946.24	206.74	-364.72	-701.41		ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	92.00	107.65	100.43	100.03	7.83	ppb
Thallium	205-1	93.54	112.29	103.73	103.19	9.09	ppb
Tin	118-1	89.17	110.18	102.21	100.52	10.55	ppb
Titanium	47-1	474.34	571.56	543.69	529.86	9.45	ppb
Uranium	238-1	91.53	108.84	100.93	100.43	8.63	ppb
Vanadium	51-2	105.47	105.68	106.46	105.87	0.50	ppb
Yttrium	89-1				110		%
Yttrium	89-2				97		%
Zinc	66-2	217.75	213.52	215.50	215.59	0.98	ppb
Zirconium	90-1	94.41	115.18	105.53	105.04	9.90	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-11DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:08:57	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	91.57	110.90	102.17	101.55	9.53	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09ADLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:12:33	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1652.76	1617.22	1631.90	1633.96	1.09	ppb
Antimony	121-1	101.88	103.37	101.62	102.29	0.92	ppb
Arsenic	75-2	107.55	107.30	107.39	107.41	0.12	ppb
Barium	135-1	516.63	528.93	525.75	523.77	1.22	ppb
Barium	137-1	524.72	531.83	528.64	528.40	0.67	ppb
Beryllium	9-1	102.14	104.64	101.06	102.61	1.79	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	107.79	113.28	111.78	110.95	2.56	ppb
Boron	11-1	110.25	119.87	116.14	115.42	4.20	ppb
Cadmium	111-1	100.44	103.08	101.71	101.75	1.30	ppb
Cadmium	106-1	98.82	97.07	98.72	98.20	1.00	ppb
Cadmium	108-1	102.23	103.66	98.37	101.42	2.70	ppb
Calcium	43-1	26932.98	27669.36	28008.41	27536.92	2.00	ppb
Calcium	44-1	26787.17	26769.86	26905.48	26820.84	0.28	ppb
Chromium	52-2	106.22	106.89	106.23	106.45	0.36	ppb
Cobalt	59-2	109.50	110.04	109.29	109.61	0.35	ppb
Copper	63-2	228.91	225.12	226.54	226.86	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	56-2	6177.05	6070.66	6135.94	6127.89	0.88	ppb
Iron	57-2	5152.31	4989.21	5158.52	5100.01	1.88	ppb
Lead	206-1	98.73	101.67	101.43	100.61	1.62	ppb
Lead	207-1	95.00	97.27	96.96	96.41	1.28	ppb
Lead	208-1	97.32	99.83	98.95	98.70	1.29	ppb
Lithium	6-1				102		%
Magnesium	24-2	14440.21	14260.00	14436.69	14378.97	0.72	ppb
Manganese	55-2	1065.67	1059.92	1069.78	1065.13	0.46	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09ADLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:12:33	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	550.58	549.95	545.73	548.75	0.48	ppb
Molybdenum	95-1	554.19	552.44	551.52	552.72	0.25	ppb
Molybdenum	96-1	551.75	547.52	548.50	549.25	0.40	ppb
Molybdenum	97-1	566.22	554.05	554.85	558.37	1.22	ppb
Molybdenum	98-1	558.57	554.16	558.25	556.99	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.08	111.77	112.18	111.34	1.00	ppb
Phosphorus	31-2	-96.87	-39.82	-174.31	-103.67		ppb
Potassium	39-2	5921.78	5970.03	5991.48	5961.10	0.60	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	127.92	82.95	92.65	101.17	23.39	ppb
Selenium	78-2	95.85	96.02	101.51	97.79	3.29	ppb
Selenium	82-1	103.62	102.16	103.30	103.03	0.75	ppb
Silicon	28-1	2490.12	2548.95	2656.33	2565.13	3.29	ppb
Silver	109-1	100.46	100.93	100.14	100.51	0.40	ppb
Silver	107-1	100.54	100.59	99.99	100.37	0.33	ppb
Sodium	23-2	15254.50	15412.21	15206.70	15291.14	0.70	ppb
Strontium	86-1	202.00	203.68	204.70	203.46	0.67	ppb
Strontium	88-1	210.12	209.73	211.00	210.29	0.31	ppb
Sulfur	34-1	-273.45	-38.64	49.60	-87.50		ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	100.03	101.48	99.76	100.42	0.92	ppb
Thallium	205-1	103.43	104.42	103.48	103.77	0.54	ppb
Tin	118-1	100.25	101.92	100.31	100.83	0.94	ppb
Titanium	47-1	523.89	534.81	532.31	530.34	1.08	ppb
Uranium	238-1	99.62	102.19	101.38	101.06	1.30	ppb
Vanadium	51-2	105.49	103.48	105.65	104.87	1.16	ppb
Yttrium	89-1				107		%
Yttrium	89-2				96		%
Zinc	66-2	216.70	214.34	216.61	215.88	0.62	ppb
Zirconium	90-1	106.63	106.21	106.90	106.58	0.32	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09ADLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:12:33	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	104.71	103.62	102.34	103.55	1.15	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-15DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0235DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:16:10	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.63	2.63	0.02	2.09	89.01	ppb
Antimony	121-1	0.28	0.31	0.28	0.29	5.32	ppb
Arsenic	75-2	4.49	4.73	4.34	4.52	4.32	ppb
Barium	135-1	3.22	3.23	3.02	3.16	3.84	ppb
Barium	137-1	3.28	3.25	3.28	3.27	0.55	ppb
Beryllium	9-1	0.03	0.07	0.09	0.06	49.02	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	22.71	22.85	24.65	23.40	4.62	ppb
Boron	11-1	20.79	21.70	21.51	21.33	2.27	ppb
Cadmium	111-1	-0.11	-0.08	-0.15	-0.11		ppb
Cadmium	106-1	-1.60	-1.29	-2.14	-1.68		ppb
Cadmium	108-1	-0.04	0.01	0.07	0.01	394.12	ppb
Calcium	43-1	6827.61	6800.28	6689.09	6772.32	1.08	ppb
Calcium	44-1	6770.99	6835.46	6665.72	6757.39	1.27	ppb
Chromium	52-2	0.10	0.08	0.12	0.10	18.97	ppb
Cobalt	59-2	0.04	0.03	0.04	0.04	15.87	ppb
Copper	63-2	0.35	0.32	0.40	0.36	10.52	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				111		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	56-2	7775.33	7743.12	7947.59	7822.01	1.41	ppb
Iron	57-2	6364.98	6339.26	6272.83	6325.69	0.75	ppb
Lead	206-1	0.00	0.02	0.02	0.02	60.93	ppb
Lead	207-1	0.02	0.03	0.02	0.03	5.96	ppb
Lead	208-1	0.02	0.02	0.02	0.02	22.79	ppb
Lithium	6-1				100		%
Magnesium	24-2	1195.94	1177.93	1170.01	1181.29	1.13	ppb
Manganese	55-2	531.54	536.85	545.63	538.01	1.32	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-15DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0235DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:16:10	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.12	0.10	0.12	20.40	ppb
Molybdenum	95-1	0.06	0.08	0.10	0.08	22.29	ppb
Molybdenum	96-1	0.09	0.08	0.09	0.09	4.90	ppb
Molybdenum	97-1	0.10	0.05	0.15	0.10	49.86	ppb
Molybdenum	98-1	0.07	0.05	0.09	0.07	26.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.19	0.18	0.18	9.61	ppb
Phosphorus	31-2	-146.95	-79.05	-129.96	-118.65		ppb
Potassium	39-2	403.01	415.86	413.47	410.78	1.66	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	-0.32	-0.04	1.02	0.22	319.90	ppb
Selenium	82-1	0.56	1.00	-0.63	0.31	271.76	ppb
Silicon	28-1	3032.46	3031.55	3041.11	3035.04	0.17	ppb
Silver	109-1	0.06	0.08	0.07	0.07	11.60	ppb
Silver	107-1	0.07	0.07	0.06	0.07	6.05	ppb
Sodium	23-2	1218.17	1204.74	1199.50	1207.47	0.80	ppb
Strontium	86-1	64.01	63.30	63.07	63.46	0.77	ppb
Strontium	88-1	65.98	66.02	65.84	65.95	0.14	ppb
Sulfur	34-1	-783.09	-774.62	-1121.85	-893.19		ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.12	0.09	0.12	0.11	17.85	ppb
Thallium	205-1	0.11	0.09	0.10	0.10	10.60	ppb
Tin	118-1	0.06	0.10	0.08	0.08	23.50	ppb
Titanium	47-1	-0.09	0.28	-0.04	0.05	407.26	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	14.05	ppb
Vanadium	51-2	0.16	0.11	0.11	0.13	21.72	ppb
Yttrium	89-1				106		%
Yttrium	89-2				96		%
Zinc	66-2	1.23	1.63	1.61	1.49	15.38	ppb
Zirconium	90-1	0.03	0.03	0.05	0.04	23.97	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-15DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0235DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:16:10	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.01	0.03	59.53	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-20DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0230DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:19:47	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.07	4.14	2.72	3.98	29.71	ppb
Antimony	121-1	0.25	0.21	0.27	0.25	12.97	ppb
Arsenic	75-2	6.96	5.89	6.50	6.45	8.29	ppb
Barium	135-1	4.19	3.96	4.07	4.07	2.88	ppb
Barium	137-1	4.03	4.28	4.20	4.17	3.03	ppb
Beryllium	9-1	0.07	0.03	0.00	0.03	102.53	ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Boron	10-1	13.50	15.37	14.64	14.50	6.53	ppb
Boron	11-1	15.80	14.29	15.99	15.36	6.09	ppb
Cadmium	111-1	-0.13	0.00	-0.02	-0.05		ppb
Cadmium	106-1	-2.11	-0.65	-0.25	-1.00		ppb
Cadmium	108-1	0.07	0.06	0.17	0.10	59.80	ppb
Calcium	43-1	14403.93	13670.80	13386.06	13820.26	3.80	ppb
Calcium	44-1	13954.49	13389.13	13351.24	13564.95	2.49	ppb
Chromium	52-2	0.21	0.08	0.20	0.16	42.87	ppb
Cobalt	59-2	0.64	0.52	0.58	0.58	10.82	ppb
Copper	63-2	0.40	0.27	0.30	0.32	20.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				102		%
Indium	115-1				110		%
Indium	115-2				95		%
Iron	56-2	836.03	720.73	802.08	786.28	7.54	ppb
Iron	57-2	693.76	579.84	652.93	642.18	8.99	ppb
Lead	206-1	-0.01	0.01	-0.01	-0.01		ppb
Lead	207-1	0.02	0.00	0.00	0.01	178.63	ppb
Lead	208-1	0.00	0.00	0.00	0.00	423.95	ppb
Lithium	6-1				97		%
Magnesium	24-2	3426.12	2971.05	3249.94	3215.70	7.14	ppb
Manganese	55-2	546.74	476.94	529.41	517.70	7.02	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-20DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0230DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:19:47	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.22	0.27	0.22	24.12	ppb
Molybdenum	95-1	0.46	0.29	0.31	0.35	26.47	ppb
Molybdenum	96-1	0.29	0.29	0.31	0.30	3.98	ppb
Molybdenum	97-1	0.22	0.33	0.34	0.30	22.56	ppb
Molybdenum	98-1	0.31	0.25	0.33	0.30	14.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.39	0.45	0.46	17.14	ppb
Phosphorus	31-2	-127.38	-171.14	-82.48	-127.00		ppb
Potassium	39-2	964.84	838.99	917.12	906.98	7.01	ppb
Rhodium	103-1				107		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.96	-0.15	0.29	0.37	150.93	ppb
Selenium	82-1	0.21	0.54	0.46	0.40	42.87	ppb
Silicon	28-1	1968.07	1959.75	1953.38	1960.40	0.38	ppb
Silver	109-1	0.03	0.02	0.02	0.02	22.74	ppb
Silver	107-1	0.03	0.03	0.03	0.03	14.08	ppb
Sodium	23-2	5263.87	4560.68	4966.85	4930.46	7.16	ppb
Strontium	86-1	76.85	76.59	77.35	76.93	0.50	ppb
Strontium	88-1	79.48	79.23	80.39	79.70	0.77	ppb
Sulfur	34-1	30.53	-189.49	-480.75	-213.24		ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.02	0.04	0.03	27.07	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	15.55	ppb
Tin	118-1	0.06	0.06	0.07	0.06	13.08	ppb
Titanium	47-1	-0.06	-0.26	-0.18	-0.16		ppb
Uranium	238-1	0.22	0.20	0.20	0.21	6.30	ppb
Vanadium	51-2	0.03	0.03	0.03	0.03	11.19	ppb
Yttrium	89-1				107		%
Yttrium	89-2				94		%
Zinc	66-2	2.77	2.45	2.45	2.56	7.13	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	12.13	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-20DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0230DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:19:47	DataFile Name :	083SMPL.d

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

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : PB120045BL Instrumnet Name : P8
 Client Sample ID : PB120045BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 19:30:47 DataFile Name : 084CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.27	-1.05	0.68	-0.21		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	268.70	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	-0.01	0.00	-0.02	-0.01		ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	102.44	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	7.44	4.00	3.59	5.01	42.17	ppb
Boron	11-1	5.24	4.28	5.17	4.90	10.93	ppb
Cadmium	111-1	-0.15	-0.03	-0.06	-0.08		ppb
Cadmium	106-1	-2.02	-0.32	-0.71	-1.02		ppb
Cadmium	108-1	0.08	0.07	0.07	0.07	11.74	ppb
Calcium	43-1	-17.46	-19.89	-6.76	-14.70		ppb
Calcium	44-1	5.58	-1.59	-0.50	1.16	332.21	ppb
Chromium	52-2	0.00	0.00	-0.03	-0.01		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	-0.14	-0.14	-0.15	-0.15		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	-0.07	-0.04	0.00	-0.04		ppb
Iron	57-2	0.70	-0.58	1.02	0.38	222.77	ppb
Lead	206-1	-0.02	-0.01	-0.02	-0.02		ppb
Lead	207-1	0.00	-0.01	-0.01	0.00		ppb
Lead	208-1	0.00	0.00	-0.01	-0.01		ppb
Lithium	6-1				106		%
Magnesium	24-2	0.58	1.06	1.02	0.89	29.85	ppb
Manganese	55-2	-0.12	-0.16	-0.12	-0.13		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120045BL	Instrumnet Name :	P8
Client Sample ID :	PB120045BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:30:47	DataFile Name :	084CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.04	-0.02	-0.03		ppb
Molybdenum	95-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	-0.02	0.00	-0.01		ppb
Molybdenum	98-1	-0.01	0.00	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	-0.02	0.00		ppb
Phosphorus	31-2	-101.33	-167.23	-158.64	-142.40		ppb
Potassium	39-2	-12.04	-4.81	-8.70	-8.52		ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.59	0.14	0.86	0.53	68.12	ppb
Selenium	82-1	0.36	1.12	0.49	0.66	62.24	ppb
Silicon	28-1	-2.81	-117.59	-98.26	-72.89		ppb
Silver	109-1	0.00	0.01	0.00	0.00	166.74	ppb
Silver	107-1	0.01	0.00	0.00	0.01	84.01	ppb
Sodium	23-2	2.16	-0.71	-0.15	0.43	352.10	ppb
Strontium	86-1	-0.16	-0.08	-0.06	-0.10		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	111.09	ppb
Sulfur	34-1	405.15	-1210.27	-1122.33	-642.48		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.34	0.18	0.12	0.21	54.85	ppb
Thallium	205-1	0.31	0.20	0.13	0.21	42.76	ppb
Tin	118-1	0.02	0.00	-0.01	0.00	517.37	ppb
Titanium	47-1	-0.16	-0.57	-0.09	-0.27		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	-0.22	-0.21	-0.13	-0.19		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120045BL	Instrumnet Name :	P8
Client Sample ID :	PB120045BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:30:47	DataFile Name :	084CCBE.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120045BS	Instrumnet Name :	P8
Client Sample ID :	PB120045BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:34:25	DataFile Name :	085LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7973.52	8189.61	8029.01	8064.04	1.39	ppb
Antimony	121-1	484.36	495.86	491.40	490.54	1.18	ppb
Arsenic	75-2	488.30	489.93	484.81	487.68	0.54	ppb
Barium	135-1	2453.62	2465.20	2453.95	2457.59	0.27	ppb
Barium	137-1	2468.53	2457.18	2441.01	2455.58	0.56	ppb
Beryllium	9-1	473.70	483.31	473.29	476.77	1.19	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	420.14	441.10	452.79	438.01	3.78	ppb
Boron	11-1	420.53	437.66	441.74	433.31	2.60	ppb
Cadmium	111-1	485.89	493.02	487.62	488.84	0.76	ppb
Cadmium	106-1	499.50	498.70	481.32	493.17	2.08	ppb
Cadmium	108-1	492.28	495.82	488.96	492.35	0.70	ppb
Calcium	43-1	50632.72	51587.14	49973.69	50731.18	1.60	ppb
Calcium	44-1	48497.65	49746.40	49201.44	49148.50	1.27	ppb
Chromium	52-2	503.10	505.85	503.30	504.09	0.30	ppb
Cobalt	59-2	513.03	510.78	507.74	510.52	0.52	ppb
Copper	63-2	1028.67	1030.63	1034.89	1031.40	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	25011.50	25361.19	25304.00	25225.57	0.74	ppb
Iron	57-2	21778.65	22413.06	22073.77	22088.50	1.44	ppb
Lead	206-1	469.12	470.02	474.71	471.28	0.64	ppb
Lead	207-1	464.56	465.28	472.48	467.44	0.94	ppb
Lead	208-1	479.20	479.49	486.31	481.67	0.83	ppb
Lithium	6-1				112		%
Magnesium	24-2	51193.95	50679.32	50121.44	50664.90	1.06	ppb
Manganese	55-2	980.82	991.38	994.55	988.92	0.73	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120045BS	Instrumnet Name :	P8
Client Sample ID :	PB120045BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:34:25	DataFile Name :	085LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2441.75	2471.87	2495.18	2469.60	1.08	ppb
Molybdenum	95-1	2474.51	2490.83	2472.02	2479.12	0.41	ppb
Molybdenum	96-1	2431.33	2458.35	2483.44	2457.71	1.06	ppb
Molybdenum	97-1	2435.45	2463.42	2488.92	2462.60	1.09	ppb
Molybdenum	98-1	2420.44	2427.76	2451.36	2433.18	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.26	516.04	509.06	512.45	0.68	ppb
Phosphorus	31-2	9847.06	9658.98	9244.26	9583.43	3.22	ppb
Potassium	39-2	23954.68	24543.18	24540.94	24346.27	1.39	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	518.81	473.82	530.79	507.81	5.91	ppb
Selenium	78-2	488.29	494.75	487.35	490.13	0.82	ppb
Selenium	82-1	481.60	486.11	487.80	485.17	0.66	ppb
Silicon	28-1	448.27	465.96	437.82	450.68	3.16	ppb
Silver	109-1	493.97	503.22	492.40	496.53	1.18	ppb
Silver	107-1	498.07	511.47	499.03	502.85	1.49	ppb
Sodium	23-2	49255.65	49281.32	48301.58	48946.18	1.14	ppb
Strontium	86-1	483.15	479.30	486.14	482.86	0.71	ppb
Strontium	88-1	494.09	493.70	496.06	494.62	0.26	ppb
Sulfur	34-1	8553.56	8785.50	8059.57	8466.21	4.38	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	489.58	484.36	495.69	489.88	1.16	ppb
Thallium	205-1	494.57	501.26	496.64	497.49	0.69	ppb
Tin	118-1	499.57	492.70	487.00	493.09	1.28	ppb
Titanium	47-1	2423.46	2496.97	2385.01	2435.15	2.34	ppb
Uranium	238-1	479.44	482.35	483.95	481.91	0.47	ppb
Vanadium	51-2	501.70	497.40	500.62	499.91	0.45	ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	1005.28	1014.74	1010.95	1010.32	0.47	ppb
Zirconium	90-1	488.36	494.05	507.89	496.77	2.02	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120045BS	Instrumnet Name :	P8
Client Sample ID :	PB120045BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:34:25	DataFile Name :	085LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	479.96	481.97	485.58	482.50	0.59	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:38:01	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1270.53	1254.55	1258.71	1261.26	0.66	ppb
Antimony	121-1	3.05	2.72	2.21	2.66	16.03	ppb
Arsenic	75-2	2.60	2.63	2.79	2.67	3.83	ppb
Barium	135-1	20.48	20.43	19.75	20.22	2.02	ppb
Barium	137-1	20.44	20.20	20.62	20.42	1.05	ppb
Beryllium	9-1	0.11	0.09	0.07	0.09	21.31	ppb
Bismuth	209-1				116		%
Bismuth	209-2				97		%
Boron	10-1	42.45	37.81	41.40	40.55	6.00	ppb
Boron	11-1	42.25	37.83	39.87	39.98	5.54	ppb
Cadmium	111-1	0.00	-0.02	-0.15	-0.05		ppb
Cadmium	106-1	-0.16	-1.25	-2.48	-1.30		ppb
Cadmium	108-1	0.40	0.23	0.44	0.36	31.29	ppb
Calcium	43-1	203293.98	199072.34	196101.94	199489.42	1.81	ppb
Calcium	44-1	195524.85	191867.35	187918.49	191770.23	1.98	ppb
Chromium	52-2	0.63	0.62	0.57	0.61	5.58	ppb
Cobalt	59-2	0.14	0.14	0.15	0.14	5.44	ppb
Copper	63-2	6.88	7.04	6.94	6.95	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				87		%
Iron	56-2	65.46	63.49	63.02	63.99	2.02	ppb
Iron	57-2	62.43	55.58	62.50	60.17	6.61	ppb
Lead	206-1	0.16	0.18	0.13	0.16	13.61	ppb
Lead	207-1	0.19	0.20	0.21	0.20	3.56	ppb
Lead	208-1	0.18	0.17	0.16	0.17	7.60	ppb
Lithium	6-1				88		%
Magnesium	24-2	92.49	93.06	89.77	91.77	1.92	ppb
Manganese	55-2	1.17	1.31	1.43	1.30	10.30	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:38:01	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	32.20	31.93	32.41	32.18	0.75	ppb
Molybdenum	95-1	45.62	46.04	46.41	46.02	0.86	ppb
Molybdenum	96-1	42.80	44.15	44.18	43.71	1.80	ppb
Molybdenum	97-1	46.09	45.67	46.85	46.20	1.30	ppb
Molybdenum	98-1	46.10	45.90	46.47	46.16	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.97	15.97	15.01	15.31	3.68	ppb
Phosphorus	31-2	-155.10	-91.50	-120.30	-122.30		ppb
Potassium	39-2	5850.85	5795.49	5774.79	5807.04	0.68	ppb
Rhodium	103-1				98		%
Rhodium	103-2				91		%
Scandium	45-1				81		%
Scandium	45-2				82		%
Selenium	77-2	-0.58	1.46	1.41	0.77	151.71	ppb
Selenium	78-2	1.02	0.31	0.27	0.53	78.46	ppb
Selenium	82-1	0.64	1.91	1.30	1.28	49.68	ppb
Silicon	28-1	2642.63	2606.50	2503.52	2584.22	2.79	ppb
Silver	109-1	0.36	0.36	0.29	0.34	11.13	ppb
Silver	107-1	0.36	0.33	0.29	0.33	10.68	ppb
Sodium	23-2	63566.33	62416.42	60663.73	62215.49	2.35	ppb
Strontium	86-1	287.48	284.20	290.39	287.36	1.08	ppb
Strontium	88-1	295.58	296.69	298.90	297.06	0.57	ppb
Sulfur	34-1	4314.61	3928.06	3486.41	3909.69	10.60	ppb
Terbium	159-1				109		%
Terbium	159-2				96		%
Thallium	203-1	0.07	0.07	0.06	0.07	7.81	ppb
Thallium	205-1	0.07	0.07	0.05	0.06	15.00	ppb
Tin	118-1	0.87	0.76	0.76	0.79	8.15	ppb
Titanium	47-1	1.38	1.53	1.30	1.40	8.39	ppb
Uranium	238-1	0.06	0.07	0.06	0.06	6.80	ppb
Vanadium	51-2	7.34	6.96	7.08	7.13	2.74	ppb
Yttrium	89-1				101		%
Yttrium	89-2				86		%
Zinc	66-2	9.74	8.91	8.61	9.09	6.45	ppb
Zirconium	90-1	0.07	0.63	0.06	0.25	130.67	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:38:01	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.08	0.02	0.07	58.03	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:41:39	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1251.98	1251.91	1312.29	1272.06	2.74	ppb
Antimony	121-1	2.00	1.96	1.81	1.92	5.30	ppb
Arsenic	75-2	2.69	2.86	2.73	2.76	3.19	ppb
Barium	135-1	19.67	19.98	20.10	19.92	1.12	ppb
Barium	137-1	19.89	20.49	20.23	20.20	1.47	ppb
Beryllium	9-1	0.05	-0.02	0.06	0.03	142.07	ppb
Bismuth	209-1				112		%
Bismuth	209-2				95		%
Boron	10-1	22.98	23.19	24.40	23.52	3.25	ppb
Boron	11-1	25.52	23.28	23.19	24.00	5.50	ppb
Cadmium	111-1	-0.04	-0.02	-0.06	-0.04		ppb
Cadmium	106-1	-0.78	-0.17	-1.08	-0.68		ppb
Cadmium	108-1	0.12	0.23	0.01	0.12	88.27	ppb
Calcium	43-1	199768.34	198417.05	203976.03	200720.48	1.44	ppb
Calcium	44-1	193201.16	188315.75	194107.85	191874.92	1.62	ppb
Chromium	52-2	0.59	0.53	0.59	0.57	6.36	ppb
Cobalt	59-2	0.16	0.12	0.20	0.16	25.89	ppb
Copper	63-2	7.36	7.28	7.44	7.36	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				86		%
Iron	56-2	63.92	64.12	64.59	64.21	0.53	ppb
Iron	57-2	63.58	61.53	59.93	61.68	2.97	ppb
Lead	206-1	0.08	0.09	0.07	0.08	16.37	ppb
Lead	207-1	0.08	0.07	0.08	0.08	9.22	ppb
Lead	208-1	0.09	0.08	0.06	0.08	18.35	ppb
Lithium	6-1				89		%
Magnesium	24-2	98.40	99.90	90.19	96.16	5.43	ppb
Manganese	55-2	1.27	1.26	1.23	1.25	1.80	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:41:39	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	33.46	33.06	32.78	33.10	1.04	ppb
Molybdenum	95-1	46.73	46.75	46.19	46.55	0.69	ppb
Molybdenum	96-1	45.55	45.19	45.06	45.26	0.56	ppb
Molybdenum	97-1	48.01	47.39	47.09	47.50	0.99	ppb
Molybdenum	98-1	47.74	47.69	46.42	47.28	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.62	15.17	15.51	15.43	1.53	ppb
Phosphorus	31-2	-81.00	-148.95	-119.78	-116.58		ppb
Potassium	39-2	5825.08	5663.02	5943.03	5810.38	2.42	ppb
Rhodium	103-1				99		%
Rhodium	103-2				91		%
Scandium	45-1				79		%
Scandium	45-2				81		%
Selenium	77-2	1.62	-0.58	1.52	0.86	144.90	ppb
Selenium	78-2	0.67	0.87	0.57	0.70	21.90	ppb
Selenium	82-1	0.63	0.96	-0.53	0.35	222.01	ppb
Silicon	28-1	2568.09	2549.27	2628.89	2582.08	1.61	ppb
Silver	109-1	0.10	0.11	0.09	0.10	8.65	ppb
Silver	107-1	0.12	0.12	0.09	0.11	12.76	ppb
Sodium	23-2	62900.83	62074.70	64499.97	63158.50	1.95	ppb
Strontium	86-1	294.08	296.03	291.33	293.82	0.80	ppb
Strontium	88-1	301.76	305.53	300.47	302.59	0.87	ppb
Sulfur	34-1	4986.49	4509.78	4607.93	4701.40	5.35	ppb
Terbium	159-1				111		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.02	0.01	0.01	27.68	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	16.21	ppb
Tin	118-1	0.62	0.63	0.62	0.63	0.63	ppb
Titanium	47-1	1.01	1.43	2.00	1.48	33.52	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	5.65	ppb
Vanadium	51-2	7.51	7.36	7.66	7.51	2.03	ppb
Yttrium	89-1				98		%
Yttrium	89-2				84		%
Zinc	66-2	9.21	8.77	9.10	9.03	2.55	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	26.95	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:41:39	DataFile Name :	087SMPL.d

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

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : K3032-01LX5 Instrumnet Name : P8
 Client Sample ID : S32-0657L Dilution Factor : 5
 Date & Time Acquired :: 2019-05-25 19:45:17 DataFile Name : 088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	252.80	252.06	249.79	251.55	0.62	ppb
Antimony	121-1	0.40	0.42	0.40	0.41	2.69	ppb
Arsenic	75-2	0.49	0.44	0.57	0.50	13.91	ppb
Barium	135-1	4.00	3.70	4.38	4.02	8.43	ppb
Barium	137-1	3.91	4.11	3.87	3.96	3.26	ppb
Beryllium	9-1	0.06	0.06	0.04	0.05	21.77	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Boron	10-1	13.14	11.35	9.84	11.45	14.42	ppb
Boron	11-1	12.74	13.22	12.65	12.87	2.38	ppb
Cadmium	111-1	-0.05	-0.06	-0.13	-0.08		ppb
Cadmium	106-1	-0.60	-0.83	-1.79	-1.07		ppb
Cadmium	108-1	0.22	0.01	0.01	0.08	147.96	ppb
Calcium	43-1	40166.16	40009.90	40040.92	40072.33	0.21	ppb
Calcium	44-1	39161.92	38635.36	38410.15	38735.81	1.00	ppb
Chromium	52-2	0.13	0.11	0.15	0.13	17.74	ppb
Cobalt	59-2	-0.02	0.00	0.00	0.00		ppb
Copper	63-2	1.54	1.48	1.43	1.48	3.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				98		%
Iron	56-2	12.32	12.32	11.79	12.14	2.51	ppb
Iron	57-2	10.69	10.00	14.94	11.88	22.52	ppb
Lead	206-1	-0.01	-0.02	0.01	-0.01		ppb
Lead	207-1	0.00	0.02	0.00	0.01	128.15	ppb
Lead	208-1	0.00	-0.01	0.00	0.00		ppb
Lithium	6-1				102		%
Magnesium	24-2	19.06	17.33	16.44	17.61	7.56	ppb
Manganese	55-2	0.09	0.19	0.24	0.17	44.52	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:45:17	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.59	6.47	6.64	6.57	1.28	ppb
Molybdenum	95-1	8.95	9.12	9.55	9.21	3.36	ppb
Molybdenum	96-1	9.07	9.02	8.49	8.86	3.66	ppb
Molybdenum	97-1	9.27	8.98	9.43	9.23	2.47	ppb
Molybdenum	98-1	9.38	9.40	9.45	9.41	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.96	3.04	3.15	3.05	3.08	ppb
Phosphorus	31-2	-112.73	-164.52	-99.90	-125.72		ppb
Potassium	39-2	1130.51	1154.80	1174.69	1153.33	1.92	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	-0.82	-0.05	0.68	-0.06		ppb
Selenium	82-1	0.91	-0.40	0.51	0.34	199.38	ppb
Silicon	28-1	408.17	449.22	424.57	427.32	4.84	ppb
Silver	109-1	0.03	0.02	0.02	0.02	31.38	ppb
Silver	107-1	0.04	0.02	0.01	0.02	64.61	ppb
Sodium	23-2	12824.48	12564.57	12751.75	12713.60	1.05	ppb
Strontium	86-1	56.85	58.06	58.83	57.91	1.72	ppb
Strontium	88-1	59.05	60.35	60.32	59.91	1.23	ppb
Sulfur	34-1	789.86	982.22	812.07	861.38	12.22	ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.01	0.00	265.83	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	167.14	ppb
Tin	118-1	0.09	0.08	0.09	0.09	7.22	ppb
Titanium	47-1	0.13	-0.14	0.15	0.05	349.37	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	126.99	ppb
Vanadium	51-2	1.38	1.52	1.39	1.43	5.41	ppb
Yttrium	89-1				108		%
Yttrium	89-2				96		%
Zinc	66-2	1.91	1.91	1.59	1.80	10.35	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	147.91	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:45:17	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	-0.01	0.01	373.27	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:49:57	DataFile Name :	089CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42596.18	55913.51	45736.70	48082.13	14.48	ppb
Antimony	121-1	470.54	485.62	503.66	486.61	3.41	ppb
Arsenic	75-2	472.70	594.35	504.02	523.69	12.06	ppb
Barium	135-1	2426.58	2471.65	2597.56	2498.60	3.55	ppb
Barium	137-1	2451.69	2502.69	2552.44	2502.27	2.01	ppb
Beryllium	9-1	478.46	485.35	493.00	485.61	1.50	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	477.42	468.75	487.93	478.03	2.01	ppb
Boron	11-1	460.73	470.14	484.47	471.78	2.53	ppb
Cadmium	111-1	473.32	485.27	494.74	484.44	2.22	ppb
Cadmium	106-1	471.94	486.10	506.64	488.23	3.57	ppb
Cadmium	108-1	466.10	486.74	504.07	485.64	3.91	ppb
Calcium	43-1	235557.40	247451.41	254515.07	245841.30	3.90	ppb
Calcium	44-1	232171.32	245223.63	245356.31	240917.09	3.14	ppb
Chromium	52-2	496.98	608.42	514.73	540.04	11.09	ppb
Cobalt	59-2	499.44	614.88	516.82	543.71	11.45	ppb
Copper	63-2	994.35	1208.90	1010.06	1071.10	11.17	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				113		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				94		%
Iron	56-2	120172.87	149456.86	124414.41	131348.04	12.05	ppb
Iron	57-2	108011.37	142294.82	116507.11	122271.10	14.60	ppb
Lead	206-1	484.67	486.98	492.34	488.00	0.81	ppb
Lead	207-1	482.53	485.16	490.69	486.13	0.86	ppb
Lead	208-1	496.37	501.96	502.67	500.34	0.69	ppb
Lithium	6-1				116		%
Magnesium	24-2	233402.57	290809.61	243173.51	255795.23	12.01	ppb
Manganese	55-2	968.52	1191.47	1011.20	1057.06	11.19	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:49:57	DataFile Name :	089CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2448.01	2545.24	2578.65	2523.97	2.69	ppb
Molybdenum	95-1	2457.10	2507.49	2572.47	2512.35	2.30	ppb
Molybdenum	96-1	2448.09	2535.18	2518.23	2500.50	1.85	ppb
Molybdenum	97-1	2437.76	2513.78	2568.40	2506.64	2.62	ppb
Molybdenum	98-1	2416.30	2519.77	2567.88	2501.32	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.39	604.15	512.05	537.86	10.76	ppb
Phosphorus	31-2	9848.57	11707.67	9756.79	10437.68	10.55	ppb
Potassium	39-2	114701.39	142364.09	121511.24	126192.24	11.42	ppb
Rhodium	103-1				104		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				95		%
Selenium	77-2	494.10	576.50	485.11	518.57	9.71	ppb
Selenium	78-2	447.09	586.87	482.84	505.60	14.36	ppb
Selenium	82-1	475.53	489.65	495.36	486.85	2.10	ppb
Silicon	28-1	341.57	425.25	433.45	400.09	12.71	ppb
Silver	109-1	483.99	496.78	504.09	494.95	2.05	ppb
Silver	107-1	474.38	497.17	501.38	490.98	2.96	ppb
Sodium	23-2	238465.77	292995.29	244692.85	258717.97	11.54	ppb
Strontium	86-1	482.51	497.64	504.69	494.94	2.29	ppb
Strontium	88-1	492.74	504.04	512.89	503.23	2.01	ppb
Sulfur	34-1	9136.35	10302.54	10404.84	9947.91	7.08	ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	508.04	510.00	513.45	510.50	0.54	ppb
Thallium	205-1	509.78	508.24	520.17	512.73	1.27	ppb
Tin	118-1	478.52	491.82	506.25	492.19	2.82	ppb
Titanium	47-1	2387.44	2565.44	2568.70	2507.19	4.14	ppb
Uranium	238-1	509.95	515.40	515.66	513.67	0.63	ppb
Vanadium	51-2	496.16	611.39	512.54	540.03	11.54	ppb
Yttrium	89-1				110		%
Yttrium	89-2				96		%
Zinc	66-2	973.30	1182.77	1012.75	1056.27	10.54	ppb
Zirconium	90-1	496.00	506.25	512.00	504.75	1.61	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:49:57	DataFile Name :	089CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	482.85	497.56	506.52	495.65	2.41	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:54:28	DataFile Name :	090CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.01	-0.67	0.01	-0.56		ppb
Antimony	121-1	0.09	0.06	0.06	0.07	23.95	ppb
Arsenic	75-2	-0.01	-0.01	0.00	0.00		ppb
Barium	135-1	0.13	0.08	0.08	0.10	26.02	ppb
Barium	137-1	0.10	0.10	0.06	0.09	26.95	ppb
Beryllium	9-1	0.06	0.06	0.10	0.07	29.67	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	33.77	27.52	27.79	29.70	11.89	ppb
Boron	11-1	25.98	26.20	25.04	25.74	2.38	ppb
Cadmium	111-1	0.08	-0.08	-0.13	-0.04		ppb
Cadmium	106-1	0.93	-1.38	-1.86	-0.77		ppb
Cadmium	108-1	0.01	0.19	0.07	0.09	99.85	ppb
Calcium	43-1	-10.78	4.75	-11.03	-5.68		ppb
Calcium	44-1	9.05	11.73	3.99	8.26	47.58	ppb
Chromium	52-2	0.04	0.01	0.01	0.02	99.30	ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.03		ppb
Copper	63-2	0.05	0.03	0.07	0.05	42.52	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				110		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	1.91	1.31	1.66	1.63	18.69	ppb
Iron	57-2	1.42	2.52	1.76	1.90	29.67	ppb
Lead	206-1	0.12	0.10	0.10	0.10	9.80	ppb
Lead	207-1	0.10	0.12	0.11	0.11	7.47	ppb
Lead	208-1	0.10	0.11	0.11	0.11	8.61	ppb
Lithium	6-1				115		%
Magnesium	24-2	2.59	1.63	2.97	2.39	28.92	ppb
Manganese	55-2	-0.13	-0.14	-0.17	-0.15		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:54:28	DataFile Name :	090CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.05	0.09	0.07	31.99	ppb
Molybdenum	95-1	0.07	0.06	0.04	0.06	27.30	ppb
Molybdenum	96-1	0.10	0.09	0.03	0.07	45.98	ppb
Molybdenum	97-1	0.13	0.07	0.09	0.10	29.77	ppb
Molybdenum	98-1	0.12	0.09	0.07	0.09	25.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	-0.05	-0.02		ppb
Phosphorus	31-2	-142.65	-171.86	-80.24	-131.58		ppb
Potassium	39-2	-7.69	-10.54	-6.70	-8.31		ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.62	-0.90	0.61	0.11	821.53	ppb
Selenium	82-1	0.75	0.71	0.88	0.78	10.78	ppb
Silicon	28-1	-134.79	-52.53	-90.42	-92.58		ppb
Silver	109-1	0.09	0.09	0.08	0.08	7.06	ppb
Silver	107-1	0.08	0.09	0.05	0.07	28.28	ppb
Sodium	23-2	24.52	21.77	22.19	22.83	6.49	ppb
Strontium	86-1	-0.08	0.00	-0.11	-0.06		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	19.66	ppb
Sulfur	34-1	-1447.46	-234.90	-648.63	-776.99		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.02	0.02	0.02	34.66	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	29.58	ppb
Tin	118-1	0.05	0.01	0.03	0.03	75.25	ppb
Titanium	47-1	-0.01	-0.32	-0.22	-0.18		ppb
Uranium	238-1	0.02	0.01	0.01	0.01	27.26	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	90.83	ppb
Yttrium	89-1				109		%
Yttrium	89-2				100		%
Zinc	66-2	-0.13	-0.19	-0.07	-0.13		ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	16.10	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:54:28	DataFile Name :	090CCBE.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0657MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:58:06	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1287.85	1198.60	1283.28	1256.57	4.00	ppb
Antimony	121-1	3.25	2.80	2.56	2.87	12.22	ppb
Arsenic	75-2	2.66	2.33	2.56	2.52	6.59	ppb
Barium	135-1	20.17	20.54	20.20	20.30	1.01	ppb
Barium	137-1	19.82	20.10	20.47	20.13	1.61	ppb
Beryllium	9-1	0.08	0.07	0.03	0.06	38.48	ppb
Bismuth	209-1				111		%
Bismuth	209-2				97		%
Boron	10-1	22.64	18.85	18.00	19.83	12.46	ppb
Boron	11-1	20.69	21.15	19.85	20.56	3.20	ppb
Cadmium	111-1	-0.08	-0.09	-0.17	-0.11		ppb
Cadmium	106-1	-1.62	-1.57	-2.46	-1.88		ppb
Cadmium	108-1	0.18	0.28	0.18	0.21	29.15	ppb
Calcium	43-1	241421.60	252679.91	249930.90	248010.80	2.37	ppb
Calcium	44-1	234195.59	241275.29	246184.56	240551.81	2.51	ppb
Chromium	52-2	2.07	1.96	1.97	2.00	3.23	ppb
Cobalt	59-2	0.16	0.19	0.20	0.18	13.42	ppb
Copper	63-2	6.05	6.37	6.16	6.19	2.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				89		%
Iron	56-2	81.20	82.84	81.72	81.92	1.02	ppb
Iron	57-2	80.42	76.15	90.74	82.44	9.10	ppb
Lead	206-1	0.30	0.28	0.21	0.26	19.59	ppb
Lead	207-1	0.26	0.22	0.25	0.24	7.70	ppb
Lead	208-1	0.28	0.26	0.23	0.26	8.49	ppb
Lithium	6-1				94		%
Magnesium	24-2	52239.25	52748.74	52236.63	52408.21	0.56	ppb
Manganese	55-2	1.45	1.49	1.44	1.46	2.02	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0657MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:58:06	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	31.72	32.30	31.99	32.00	0.90	ppb
Molybdenum	95-1	44.96	45.67	45.13	45.25	0.82	ppb
Molybdenum	96-1	43.02	44.59	43.23	43.61	1.96	ppb
Molybdenum	97-1	47.07	46.65	45.70	46.47	1.51	ppb
Molybdenum	98-1	45.99	45.51	46.39	45.96	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.42	15.37	15.88	15.55	1.80	ppb
Phosphorus	31-2	-170.08	-128.29	-99.85	-132.74		ppb
Potassium	39-2	5491.47	5657.97	5645.43	5598.29	1.66	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				82		%
Scandium	45-2				87		%
Selenium	77-2	1.50	1.40	1.34	1.42	5.67	ppb
Selenium	78-2	1.10	-0.45	1.06	0.57	154.15	ppb
Selenium	82-1	0.69	0.89	1.15	0.91	25.53	ppb
Silicon	28-1	2478.27	2675.70	2634.23	2596.06	4.01	ppb
Silver	109-1	0.23	0.21	0.23	0.22	4.92	ppb
Silver	107-1	0.26	0.23	0.25	0.24	5.02	ppb
Sodium	23-2	119233.43	118788.17	117544.66	118522.09	0.74	ppb
Strontium	86-1	283.35	286.54	281.84	283.91	0.84	ppb
Strontium	88-1	292.35	291.02	289.81	291.06	0.44	ppb
Sulfur	34-1	3923.99	4500.25	4548.06	4324.10	8.03	ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.04	0.05	0.04	24.16	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.12	ppb
Tin	118-1	0.73	0.73	0.72	0.73	0.72	ppb
Titanium	47-1	1.35	1.04	1.44	1.28	16.60	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	18.49	ppb
Vanadium	51-2	7.21	6.92	6.96	7.03	2.22	ppb
Yttrium	89-1				101		%
Yttrium	89-2				89		%
Zinc	66-2	10.60	10.28	9.72	10.20	4.39	ppb
Zirconium	90-1	0.03	0.03	0.01	0.02	62.97	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0657MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:58:06	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.05	0.04	27.05	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:01:43	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1223.00	1241.48	1144.53	1203.00	4.28	ppb
Antimony	121-1	1.99	1.76	1.75	1.83	7.39	ppb
Arsenic	75-2	2.63	2.77	2.36	2.58	8.08	ppb
Barium	135-1	18.43	20.00	19.58	19.34	4.20	ppb
Barium	137-1	20.01	20.64	19.16	19.93	3.72	ppb
Beryllium	9-1	0.02	0.00	0.02	0.02	77.93	ppb
Bismuth	209-1				112		%
Bismuth	209-2				100		%
Boron	10-1	17.44	15.02	17.21	16.56	8.05	ppb
Boron	11-1	15.38	16.86	16.44	16.22	4.71	ppb
Cadmium	111-1	-0.15	-0.11	-0.04	-0.10		ppb
Cadmium	106-1	-2.20	-1.51	-0.66	-1.46		ppb
Cadmium	108-1	0.23	0.27	0.38	0.29	26.36	ppb
Calcium	43-1	255703.94	250290.47	241212.05	249068.82	2.94	ppb
Calcium	44-1	245028.64	239701.56	236114.48	240281.56	1.87	ppb
Chromium	52-2	2.30	2.22	2.09	2.20	4.62	ppb
Cobalt	59-2	0.15	0.16	0.17	0.16	5.61	ppb
Copper	63-2	6.49	6.19	5.56	6.08	7.81	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				113		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				91		%
Iron	56-2	85.18	84.48	77.21	82.29	5.36	ppb
Iron	57-2	68.20	80.94	70.42	73.18	9.30	ppb
Lead	206-1	0.29	0.25	0.26	0.27	7.82	ppb
Lead	207-1	0.23	0.31	0.30	0.28	15.06	ppb
Lead	208-1	0.26	0.27	0.27	0.27	1.43	ppb
Lithium	6-1				96		%
Magnesium	24-2	53922.69	52968.18	49562.65	52151.17	4.39	ppb
Manganese	55-2	1.69	1.40	1.38	1.49	11.64	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:01:43	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	31.42	32.29	31.84	31.85	1.37	ppb
Molybdenum	95-1	45.17	45.11	45.20	45.16	0.10	ppb
Molybdenum	96-1	43.33	43.94	43.86	43.71	0.76	ppb
Molybdenum	97-1	46.36	46.42	45.66	46.15	0.92	ppb
Molybdenum	98-1	46.48	46.69	45.94	46.37	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.23	16.05	14.82	15.70	4.89	ppb
Phosphorus	31-2	-131.71	-47.14	-195.41	-124.75		ppb
Potassium	39-2	5604.50	5620.83	5236.09	5487.14	3.97	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				83		%
Scandium	45-2				87		%
Selenium	77-2	5.65	-0.58	1.23	2.10	152.35	ppb
Selenium	78-2	0.35	0.62	0.09	0.36	74.29	ppb
Selenium	82-1	2.31	2.51	0.47	1.77	63.74	ppb
Silicon	28-1	2640.43	2584.84	2484.58	2569.95	3.07	ppb
Silver	109-1	0.07	0.06	0.08	0.07	15.85	ppb
Silver	107-1	0.08	0.07	0.07	0.07	11.94	ppb
Sodium	23-2	121855.66	120118.86	110143.66	117372.73	5.38	ppb
Strontium	86-1	285.37	285.33	282.61	284.44	0.56	ppb
Strontium	88-1	293.98	295.24	290.87	293.36	0.77	ppb
Sulfur	34-1	5306.40	4554.95	4500.69	4787.35	9.41	ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.03	0.02	0.03	42.97	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	4.44	ppb
Tin	118-1	0.63	0.62	0.58	0.61	4.74	ppb
Titanium	47-1	1.83	1.76	0.93	1.51	33.17	ppb
Uranium	238-1	0.03	0.04	0.03	0.03	15.16	ppb
Vanadium	51-2	7.30	7.07	6.68	7.01	4.47	ppb
Yttrium	89-1				103		%
Yttrium	89-2				91		%
Zinc	66-2	11.97	11.08	10.76	11.27	5.54	ppb
Zirconium	90-1	0.06	0.04	0.04	0.05	16.84	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:01:43	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.05	0.00	0.02	161.16	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0657A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:05:20	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1227.26	1248.09	1258.23	1244.53	1.27	ppb
Antimony	121-1	1.72	1.77	1.67	1.72	3.02	ppb
Arsenic	75-2	2.59	2.76	2.69	2.68	3.18	ppb
Barium	135-1	19.88	19.64	19.70	19.74	0.63	ppb
Barium	137-1	19.07	19.53	19.26	19.29	1.20	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	48.14	ppb
Bismuth	209-1				113		%
Bismuth	209-2				98		%
Boron	10-1	13.03	14.57	14.46	14.02	6.13	ppb
Boron	11-1	14.16	15.07	14.60	14.61	3.11	ppb
Cadmium	111-1	-0.11	-0.08	-0.04	-0.07		ppb
Cadmium	106-1	-1.70	-1.48	-0.95	-1.38		ppb
Cadmium	108-1	0.06	0.11	0.11	0.10	29.39	ppb
Calcium	43-1	258907.38	250910.49	249987.01	253268.29	1.94	ppb
Calcium	44-1	241519.80	242651.33	239679.93	241283.68	0.62	ppb
Chromium	52-2	2.19	2.28	2.01	2.16	6.24	ppb
Cobalt	59-2	0.16	0.20	0.28	0.21	26.33	ppb
Copper	63-2	6.26	6.48	6.52	6.42	2.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				89		%
Iron	56-2	88.53	87.89	85.13	87.19	2.07	ppb
Iron	57-2	80.53	76.79	79.98	79.10	2.55	ppb
Lead	206-1	0.98	1.09	0.95	1.01	7.25	ppb
Lead	207-1	0.94	0.88	0.87	0.90	4.47	ppb
Lead	208-1	0.96	0.96	0.93	0.95	1.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	52932.14	53728.48	53161.26	53273.96	0.77	ppb
Manganese	55-2	1.74	1.60	1.66	1.67	4.02	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0657A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:05:20	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	32.26	31.42	32.12	31.93	1.41	ppb
Molybdenum	95-1	45.21	45.73	45.50	45.48	0.58	ppb
Molybdenum	96-1	44.18	43.69	43.99	43.96	0.56	ppb
Molybdenum	97-1	47.29	46.12	46.53	46.65	1.27	ppb
Molybdenum	98-1	45.86	45.34	46.48	45.89	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.22	16.32	16.18	16.24	0.43	ppb
Phosphorus	31-2	-98.56	-85.46	-144.81	-109.61		ppb
Potassium	39-2	5595.61	5652.75	5574.97	5607.78	0.72	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				83		%
Scandium	45-2				86		%
Selenium	77-2	5.72	3.39	3.26	4.12	33.69	ppb
Selenium	78-2	0.19	1.50	0.54	0.74	91.31	ppb
Selenium	82-1	1.00	1.20	1.49	1.23	19.70	ppb
Silicon	28-1	2667.09	2580.78	2504.17	2584.01	3.15	ppb
Silver	109-1	0.03	0.03	0.03	0.03	14.79	ppb
Silver	107-1	0.05	0.03	0.04	0.04	24.90	ppb
Sodium	23-2	119927.91	122098.92	120201.73	120742.85	0.98	ppb
Strontium	86-1	285.13	279.48	284.68	283.10	1.11	ppb
Strontium	88-1	293.95	287.68	294.41	292.01	1.29	ppb
Sulfur	34-1	5583.14	4657.87	4754.91	4998.64	10.17	ppb
Terbium	159-1				115		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	0.01	0.01	56.55	ppb
Thallium	205-1	0.02	0.03	0.01	0.02	51.37	ppb
Tin	118-1	0.76	0.82	0.76	0.78	4.74	ppb
Titanium	47-1	1.90	1.50	1.04	1.48	29.11	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	20.15	ppb
Vanadium	51-2	7.02	7.07	7.39	7.16	2.83	ppb
Yttrium	89-1				104		%
Yttrium	89-2				89		%
Zinc	66-2	12.69	12.05	13.00	12.58	3.83	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	13.07	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0657A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:05:20	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.01	0.05	0.04	59.61	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0652	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:08:57	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.95	13.41	9.08	10.81	21.20	ppb
Antimony	121-1	1.07	0.97	0.93	0.99	7.49	ppb
Arsenic	75-2	20.05	20.75	20.42	20.41	1.73	ppb
Barium	135-1	32.29	31.94	31.96	32.06	0.62	ppb
Barium	137-1	31.68	31.37	32.64	31.89	2.08	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	1.68	ppb
Bismuth	209-1				115		%
Bismuth	209-2				99		%
Boron	10-1	56.31	65.11	58.78	60.06	7.56	ppb
Boron	11-1	53.88	57.64	58.79	56.77	4.52	ppb
Cadmium	111-1	-0.04	-0.02	-0.03	-0.03		ppb
Cadmium	106-1	-0.54	-0.24	-0.44	-0.41		ppb
Cadmium	108-1	0.12	0.17	0.01	0.10	79.69	ppb
Calcium	43-1	54190.71	54166.53	56148.57	54835.27	2.07	ppb
Calcium	44-1	53684.28	52518.21	54326.77	53509.75	1.71	ppb
Chromium	52-2	0.35	0.43	0.38	0.39	10.05	ppb
Cobalt	59-2	0.41	0.37	0.48	0.42	13.03	ppb
Copper	63-2	1.37	1.53	1.34	1.41	7.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				89		%
Iron	56-2	643.67	647.32	640.12	643.70	0.56	ppb
Iron	57-2	533.31	516.55	525.83	525.23	1.60	ppb
Lead	206-1	0.04	0.01	0.03	0.03	45.22	ppb
Lead	207-1	0.01	0.02	0.00	0.01	109.35	ppb
Lead	208-1	0.02	0.03	0.02	0.02	21.26	ppb
Lithium	6-1				94		%
Magnesium	24-2	23604.67	23119.40	22770.44	23164.84	1.81	ppb
Manganese	55-2	869.72	876.70	868.66	871.70	0.50	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0652	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:08:57	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.54	9.46	9.74	9.58	1.50	ppb
Molybdenum	95-1	13.15	13.23	13.12	13.16	0.43	ppb
Molybdenum	96-1	12.82	12.85	12.93	12.87	0.44	ppb
Molybdenum	97-1	13.52	13.41	14.07	13.67	2.59	ppb
Molybdenum	98-1	13.58	13.55	13.53	13.55	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.73	0.96	0.83	14.92	ppb
Phosphorus	31-2	-84.04	-108.33	-68.57	-86.98		ppb
Potassium	39-2	11972.33	12070.79	11832.71	11958.61	1.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				95		%
Scandium	45-1				84		%
Scandium	45-2				83		%
Selenium	77-2	-0.58	3.50	-0.58	0.78	300.42	ppb
Selenium	78-2	0.40	0.50	0.42	0.44	11.57	ppb
Selenium	82-1	0.58	0.68	0.46	0.57	18.46	ppb
Silicon	28-1	4830.44	4875.17	5079.34	4928.32	2.69	ppb
Silver	109-1	0.03	0.03	0.03	0.03	2.76	ppb
Silver	107-1	0.03	0.03	0.02	0.03	11.20	ppb
Sodium	23-2	74971.46	73401.47	72660.23	73677.72	1.60	ppb
Strontium	86-1	416.15	412.68	427.10	418.64	1.80	ppb
Strontium	88-1	429.95	428.54	433.20	430.56	0.55	ppb
Sulfur	34-1	16961.23	16603.14	16711.00	16758.45	1.10	ppb
Terbium	159-1				114		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.01	0.00	1132.73	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	32.30	ppb
Tin	118-1	0.50	0.45	0.60	0.52	14.91	ppb
Titanium	47-1	0.25	10.79	0.43	3.82	157.88	ppb
Uranium	238-1	3.23	3.17	3.24	3.21	1.15	ppb
Vanadium	51-2	0.51	0.46	0.58	0.52	12.17	ppb
Yttrium	89-1				104		%
Yttrium	89-2				87		%
Zinc	66-2	5.88	5.58	5.48	5.65	3.70	ppb
Zirconium	90-1	0.04	0.05	0.02	0.04	37.46	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0652	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:08:57	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.08	0.04	0.06	31.15	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-05	Instrumnet Name :	P8
Client Sample ID :	S32-0653	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:12:35	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.62	16.07	13.13	13.61	16.63	ppb
Antimony	121-1	1.04	1.04	0.98	1.02	3.60	ppb
Arsenic	75-2	19.66	20.16	19.91	19.91	1.25	ppb
Barium	135-1	30.80	31.53	31.04	31.12	1.19	ppb
Barium	137-1	31.26	32.19	31.16	31.54	1.80	ppb
Beryllium	9-1	0.04	0.01	0.03	0.03	53.55	ppb
Bismuth	209-1				117		%
Bismuth	209-2				99		%
Boron	10-1	59.74	55.69	63.05	59.49	6.20	ppb
Boron	11-1	57.87	58.56	59.25	58.56	1.17	ppb
Cadmium	111-1	-0.05	-0.14	-0.10	-0.09		ppb
Cadmium	106-1	-0.82	-1.83	-1.34	-1.33		ppb
Cadmium	108-1	-0.04	0.06	0.06	0.03	208.88	ppb
Calcium	43-1	54502.56	55543.94	54599.57	54882.03	1.05	ppb
Calcium	44-1	52663.70	52527.22	53249.56	52813.49	0.73	ppb
Chromium	52-2	0.32	0.31	0.45	0.36	20.40	ppb
Cobalt	59-2	0.39	0.45	0.46	0.43	8.40	ppb
Copper	63-2	1.40	1.40	1.36	1.39	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				89		%
Iron	56-2	633.36	623.13	623.83	626.77	0.91	ppb
Iron	57-2	508.23	519.27	495.43	507.64	2.35	ppb
Lead	206-1	0.04	0.00	0.02	0.02	82.03	ppb
Lead	207-1	0.03	0.02	0.02	0.03	18.85	ppb
Lead	208-1	0.03	0.01	0.01	0.02	60.35	ppb
Lithium	6-1				94		%
Magnesium	24-2	22935.46	22550.82	23098.77	22861.68	1.23	ppb
Manganese	55-2	871.34	859.90	862.37	864.54	0.70	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-05	Instrumnet Name :	P8
Client Sample ID :	S32-0653	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:12:35	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.66	9.11	9.49	9.42	2.97	ppb
Molybdenum	95-1	13.37	13.77	13.22	13.45	2.11	ppb
Molybdenum	96-1	13.14	12.61	12.75	12.83	2.14	ppb
Molybdenum	97-1	13.53	13.44	14.00	13.66	2.20	ppb
Molybdenum	98-1	13.90	13.32	13.90	13.71	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.86	0.63	0.72	17.21	ppb
Phosphorus	31-2	17.11	-118.53	-82.12	-61.18		ppb
Potassium	39-2	11814.86	11861.59	11868.48	11848.31	0.25	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				84		%
Scandium	45-2				84		%
Selenium	77-2	-0.58	-0.58	1.37	0.07	1538.27	ppb
Selenium	78-2	-0.17	-0.07	0.40	0.05	562.10	ppb
Selenium	82-1	1.73	0.61	1.61	1.32	46.81	ppb
Silicon	28-1	4886.20	4957.62	4820.98	4888.27	1.40	ppb
Silver	109-1	0.02	0.01	0.01	0.02	24.82	ppb
Silver	107-1	0.04	0.03	0.02	0.03	25.84	ppb
Sodium	23-2	73406.74	71505.93	71772.95	72228.54	1.42	ppb
Strontium	86-1	418.68	410.03	415.44	414.72	1.05	ppb
Strontium	88-1	428.62	423.77	435.03	429.14	1.32	ppb
Sulfur	34-1	16507.61	16412.01	15919.70	16279.77	1.94	ppb
Terbium	159-1				116		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	246.06	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	243.87	ppb
Tin	118-1	0.53	0.51	0.54	0.53	2.89	ppb
Titanium	47-1	0.27	0.07	0.25	0.19	57.38	ppb
Uranium	238-1	3.13	3.23	3.18	3.18	1.54	ppb
Vanadium	51-2	0.51	0.46	0.49	0.48	4.50	ppb
Yttrium	89-1				104		%
Yttrium	89-2				88		%
Zinc	66-2	5.56	5.92	5.79	5.76	3.20	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	6.27	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-05	Instrumnet Name :	P8
Client Sample ID :	S32-0653	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:12:35	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.05	0.01	0.03	66.45	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-06	Instrumnet Name :	P8
Client Sample ID :	S32-0654	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:16:12	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.89	35.51	28.46	33.62	13.45	ppb
Antimony	121-1	1.12	0.98	0.94	1.02	9.35	ppb
Arsenic	75-2	11.04	11.65	11.76	11.48	3.34	ppb
Barium	135-1	71.03	70.38	72.79	71.40	1.75	ppb
Barium	137-1	71.13	71.16	73.07	71.79	1.55	ppb
Beryllium	9-1	0.05	0.00	-0.01	0.01	216.76	ppb
Bismuth	209-1				118		%
Bismuth	209-2				97		%
Boron	10-1	27.33	27.28	26.02	26.88	2.75	ppb
Boron	11-1	27.40	26.25	26.98	26.87	2.15	ppb
Cadmium	111-1	-0.07	-0.07	-0.12	-0.09		ppb
Cadmium	106-1	-1.14	-1.27	-1.85	-1.42		ppb
Cadmium	108-1	0.06	0.01	0.06	0.05	65.44	ppb
Calcium	43-1	77434.08	78249.06	76977.78	77553.64	0.83	ppb
Calcium	44-1	74733.73	74279.89	73672.07	74228.56	0.72	ppb
Chromium	52-2	0.67	0.64	0.59	0.64	6.19	ppb
Cobalt	59-2	2.08	2.13	2.20	2.14	2.99	ppb
Copper	63-2	2.50	2.57	2.53	2.53	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				118		%
Holmium	165-2				99		%
Indium	115-1				108		%
Indium	115-2				86		%
Iron	56-2	11012.05	11569.63	11035.24	11205.64	2.81	ppb
Iron	57-2	8740.80	9133.86	8682.49	8852.38	2.77	ppb
Lead	206-1	0.07	0.09	0.08	0.08	12.61	ppb
Lead	207-1	0.10	0.08	0.11	0.10	17.30	ppb
Lead	208-1	0.08	0.10	0.10	0.09	11.12	ppb
Lithium	6-1				93		%
Magnesium	24-2	7842.61	8059.09	7646.13	7849.28	2.63	ppb
Manganese	55-2	1342.01	1384.75	1324.40	1350.39	2.30	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-06	Instrumnet Name :	P8
Client Sample ID :	S32-0654	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:16:12	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.17	1.27	1.26	1.23	4.50	ppb
Molybdenum	95-1	1.67	1.61	1.81	1.70	6.10	ppb
Molybdenum	96-1	1.69	1.62	1.63	1.65	2.47	ppb
Molybdenum	97-1	1.80	1.52	1.92	1.74	11.86	ppb
Molybdenum	98-1	1.73	1.68	1.83	1.75	4.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.55	5.56	5.73	5.62	1.74	ppb
Phosphorus	31-2	-58.36	-86.93	-172.51	-105.93		ppb
Potassium	39-2	7773.86	7991.17	7704.55	7823.19	1.91	ppb
Rhodium	103-1				103		%
Rhodium	103-2				93		%
Scandium	45-1				83		%
Scandium	45-2				81		%
Selenium	77-2	1.60	-0.58	-0.58	0.15	834.44	ppb
Selenium	78-2	-0.13	0.23	-0.26	-0.05		ppb
Selenium	82-1	1.18	1.06	0.58	0.94	33.68	ppb
Silicon	28-1	4094.84	4128.52	3888.58	4037.31	3.22	ppb
Silver	109-1	0.03	0.03	0.03	0.03	4.82	ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.32	ppb
Sodium	23-2	39378.84	40705.94	38717.89	39600.89	2.56	ppb
Strontium	86-1	627.86	616.42	622.91	622.40	0.92	ppb
Strontium	88-1	642.75	635.41	639.03	639.06	0.57	ppb
Sulfur	34-1	18469.53	18119.14	17179.57	17922.75	3.72	ppb
Terbium	159-1				116		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.01	0.01	0.01	30.48	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	20.05	ppb
Tin	118-1	0.53	0.55	0.56	0.55	2.89	ppb
Titanium	47-1	0.93	0.16	0.75	0.61	65.41	ppb
Uranium	238-1	0.84	0.83	0.79	0.82	3.69	ppb
Vanadium	51-2	0.81	0.84	0.72	0.79	7.78	ppb
Yttrium	89-1				105		%
Yttrium	89-2				84		%
Zinc	66-2	8.62	9.04	9.68	9.12	5.85	ppb
Zirconium	90-1	0.05	0.06	0.05	0.05	12.58	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-06	Instrumnet Name :	P8
Client Sample ID :	S32-0654	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:16:12	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.01	0.02	56.97	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-08	Instrumnet Name :	P8
Client Sample ID :	S32-ER-2019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:19:49	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.88	1.35	1.62	1.62	16.46	ppb
Antimony	121-1	0.97	1.14	0.91	1.01	11.76	ppb
Arsenic	75-2	0.20	0.19	0.23	0.21	10.62	ppb
Barium	135-1	0.04	0.12	0.02	0.06	87.83	ppb
Barium	137-1	0.01	0.02	0.00	0.01	83.52	ppb
Beryllium	9-1	0.10	0.01	-0.02	0.03	212.16	ppb
Bismuth	209-1				115		%
Bismuth	209-2				101		%
Boron	10-1	9.31	12.01	8.78	10.03	17.27	ppb
Boron	11-1	8.46	8.89	8.52	8.62	2.68	ppb
Cadmium	111-1	-0.15	-0.16	-0.11	-0.14		ppb
Cadmium	106-1	-2.11	-2.27	-1.52	-1.97		ppb
Cadmium	108-1	0.01	-0.04	-0.04	-0.02		ppb
Calcium	43-1	50.95	71.86	46.46	56.42	24.03	ppb
Calcium	44-1	59.36	79.94	70.49	69.93	14.73	ppb
Chromium	52-2	0.26	0.34	0.29	0.30	13.58	ppb
Cobalt	59-2	-0.03	-0.03	-0.04	-0.03		ppb
Copper	63-2	1.72	1.57	1.76	1.68	5.99	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				115		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				89		%
Iron	56-2	2.39	2.39	2.31	2.36	1.87	ppb
Iron	57-2	2.23	2.08	0.72	1.68	49.54	ppb
Lead	206-1	0.00	0.00	0.01	0.01	57.15	ppb
Lead	207-1	0.00	0.01	0.01	0.01	38.08	ppb
Lead	208-1	0.00	0.02	0.01	0.01	125.82	ppb
Lithium	6-1				87		%
Magnesium	24-2	2.56	2.53	2.74	2.61	4.22	ppb
Manganese	55-2	0.14	0.10	-0.04	0.07	145.35	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-08	Instrumnet Name :	P8
Client Sample ID :	S32-ER-2019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:19:49	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.03	-0.01	0.01	435.27	ppb
Molybdenum	95-1	0.00	-0.01	0.01	0.00	268.13	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	37.67	ppb
Molybdenum	97-1	0.03	0.04	0.02	0.03	31.15	ppb
Molybdenum	98-1	0.00	0.00	0.03	0.01	164.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.02	0.04	0.03	31.12	ppb
Phosphorus	31-2	-158.26	-76.41	-109.80	-114.82		ppb
Potassium	39-2	19.29	11.49	15.94	15.58	25.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				79		%
Scandium	45-2				84		%
Selenium	77-2	-0.58	1.43	5.33	2.06	145.73	ppb
Selenium	78-2	0.20	-0.25	0.07	0.01	3327.99	ppb
Selenium	82-1	1.21	-0.81	0.96	0.46	241.58	ppb
Silicon	28-1	-204.55	-93.85	-162.11	-153.50		ppb
Silver	109-1	0.00	0.01	0.01	0.01	27.52	ppb
Silver	107-1	0.01	0.03	0.02	0.02	51.59	ppb
Sodium	23-2	64.58	62.59	60.36	62.51	3.37	ppb
Strontium	86-1	0.06	0.07	0.06	0.06	15.32	ppb
Strontium	88-1	0.15	0.16	0.14	0.15	6.87	ppb
Sulfur	34-1	-855.94	1315.25	-212.94	82.13	1357.99	ppb
Terbium	159-1				114		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	2241.17	ppb
Tin	118-1	0.40	0.47	0.43	0.43	7.24	ppb
Titanium	47-1	-0.36	-0.30	-0.34	-0.33		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.12	0.07	0.19	0.13	49.10	ppb
Yttrium	89-1				101		%
Yttrium	89-2				87		%
Zinc	66-2	7.80	7.60	7.00	7.47	5.54	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	273.98	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-08	Instrumnet Name :	P8
Client Sample ID :	S32-ER-2019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:19:49	DataFile Name :	097SMPL.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:23:28	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	242.43	267.80	246.37	252.20	5.41	ppb
Antimony	121-1	0.35	0.35	0.41	0.37	8.66	ppb
Arsenic	75-2	0.55	0.52	0.52	0.53	3.88	ppb
Barium	135-1	4.27	4.09	4.19	4.18	2.17	ppb
Barium	137-1	3.92	4.01	4.50	4.14	7.52	ppb
Beryllium	9-1	-0.02	0.04	0.01	0.01	296.43	ppb
Bismuth	209-1				118		%
Bismuth	209-2				107		%
Boron	10-1	6.68	6.16	7.55	6.80	10.31	ppb
Boron	11-1	6.77	6.46	6.81	6.68	2.83	ppb
Cadmium	111-1	-0.07	-0.09	0.00	-0.06		ppb
Cadmium	106-1	-0.92	-1.41	-0.05	-0.79		ppb
Cadmium	108-1	0.06	-0.04	0.01	0.01	489.35	ppb
Calcium	43-1	39209.41	40065.80	43053.28	40776.16	4.95	ppb
Calcium	44-1	37882.67	38580.22	41827.32	39430.07	5.34	ppb
Chromium	52-2	0.19	0.11	0.16	0.15	27.29	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	1.31	1.10	1.16	1.19	8.83	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				120		%
Holmium	165-2				108		%
Indium	115-1				115		%
Indium	115-2				99		%
Iron	56-2	12.81	12.12	12.19	12.37	3.09	ppb
Iron	57-2	9.52	9.26	9.35	9.38	1.41	ppb
Lead	206-1	-0.02	-0.01	-0.02	-0.01		ppb
Lead	207-1	0.00	0.00	0.00	0.00		ppb
Lead	208-1	-0.01	-0.02	-0.01	-0.01		ppb
Lithium	6-1				101		%
Magnesium	24-2	17.09	15.76	22.24	18.36	18.64	ppb
Manganese	55-2	0.13	0.15	0.14	0.14	6.69	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:23:28	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.27	6.80	6.87	6.64	4.93	ppb
Molybdenum	95-1	8.70	9.07	10.06	9.28	7.56	ppb
Molybdenum	96-1	8.62	8.90	9.76	9.09	6.55	ppb
Molybdenum	97-1	9.26	9.56	9.72	9.51	2.43	ppb
Molybdenum	98-1	9.03	9.28	10.32	9.54	7.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.97	3.12	3.03	3.04	2.60	ppb
Phosphorus	31-2	-120.39	-117.76	-151.16	-129.77		ppb
Potassium	39-2	1126.22	1128.96	1144.44	1133.20	0.87	ppb
Rhodium	103-1				112		%
Rhodium	103-2				105		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	1.33	-0.58	-0.58	0.06	1865.50	ppb
Selenium	78-2	0.53	0.42	-0.27	0.22	193.19	ppb
Selenium	82-1	0.70	-0.31	0.62	0.34	165.43	ppb
Silicon	28-1	344.85	351.40	450.25	382.17	15.45	ppb
Silver	109-1	0.00	0.01	0.00	0.00	153.62	ppb
Silver	107-1	0.01	0.00	0.01	0.01	60.83	ppb
Sodium	23-2	12610.86	12303.15	12588.50	12500.84	1.37	ppb
Strontium	86-1	56.70	57.87	62.75	59.11	5.43	ppb
Strontium	88-1	58.03	60.01	64.85	60.97	5.75	ppb
Sulfur	34-1	72.47	501.85	1438.63	670.98	104.12	ppb
Terbium	159-1				120		%
Terbium	159-2				107		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.08	0.05	0.08	0.07	24.75	ppb
Titanium	47-1	-0.19	-0.01	0.10	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	93.72	ppb
Vanadium	51-2	1.46	1.45	1.50	1.47	1.74	ppb
Yttrium	89-1				113		%
Yttrium	89-2				97		%
Zinc	66-2	1.57	1.50	1.49	1.52	3.02	ppb
Zirconium	90-1	0.04	0.05	0.07	0.05	35.65	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:23:28	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.01	0.02	52.50	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:27:05	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	256.67	234.42	273.15	254.75	7.63	ppb
Antimony	121-1	0.32	0.29	0.37	0.33	12.10	ppb
Arsenic	75-2	0.48	0.43	0.50	0.47	7.56	ppb
Barium	135-1	4.00	3.91	3.77	3.89	2.95	ppb
Barium	137-1	4.25	4.40	3.85	4.17	6.80	ppb
Beryllium	9-1	0.00	-0.01	0.02	0.00	900.67	ppb
Bismuth	209-1				120		%
Bismuth	209-2				106		%
Boron	10-1	6.28	4.76	5.99	5.68	14.20	ppb
Boron	11-1	5.54	5.92	5.63	5.70	3.41	ppb
Cadmium	111-1	0.03	-0.07	-0.17	-0.07		ppb
Cadmium	106-1	0.65	-0.77	-2.31	-0.81		ppb
Cadmium	108-1	0.16	0.16	0.10	0.14	25.09	ppb
Calcium	43-1	41464.29	40163.77	36641.12	39423.06	6.33	ppb
Calcium	44-1	39869.87	39217.02	35070.29	38052.39	6.84	ppb
Chromium	52-2	0.06	0.16	0.11	0.11	43.97	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	144.42	ppb
Copper	63-2	1.17	1.22	1.19	1.19	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				109		%
Indium	115-1				118		%
Indium	115-2				99		%
Iron	56-2	11.74	11.64	12.44	11.94	3.66	ppb
Iron	57-2	10.30	11.90	12.85	11.68	11.05	ppb
Lead	206-1	-0.02	-0.03	-0.03	-0.02		ppb
Lead	207-1	-0.02	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				105		%
Magnesium	24-2	17.48	18.35	18.82	18.22	3.73	ppb
Manganese	55-2	0.05	0.11	0.09	0.08	37.41	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:27:05	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.51	6.66	6.43	6.53	1.82	ppb
Molybdenum	95-1	8.98	9.43	8.58	9.00	4.72	ppb
Molybdenum	96-1	8.85	9.09	8.21	8.71	5.22	ppb
Molybdenum	97-1	9.46	9.21	8.60	9.09	4.84	ppb
Molybdenum	98-1	9.08	9.50	8.56	9.05	5.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.75	3.05	3.23	3.01	8.14	ppb
Phosphorus	31-2	-142.59	-149.02	-144.63	-145.41		ppb
Potassium	39-2	1167.31	1155.81	1175.84	1166.32	0.86	ppb
Rhodium	103-1				114		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	-0.58	1.24	-0.58	0.03	3664.28	ppb
Selenium	78-2	-0.34	-0.07	-0.57	-0.32		ppb
Selenium	82-1	-0.61	0.49	0.93	0.27	297.99	ppb
Silicon	28-1	410.81	440.65	279.77	377.08	22.70	ppb
Silver	109-1	0.00	0.01	0.00	0.00	171.90	ppb
Silver	107-1	0.00	0.01	0.01	0.01	77.94	ppb
Sodium	23-2	12825.72	12464.58	12835.28	12708.53	1.66	ppb
Strontium	86-1	58.00	59.05	53.53	56.86	5.15	ppb
Strontium	88-1	60.44	59.95	55.61	58.67	4.52	ppb
Sulfur	34-1	1001.80	404.38	-718.37	229.27	380.92	ppb
Terbium	159-1				122		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.00	-0.01	0.00	482.29	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	0.05	0.06	0.06	0.05	12.79	ppb
Titanium	47-1	-0.12	-0.02	0.00	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	1.56	1.47	1.55	1.53	3.11	ppb
Yttrium	89-1				116		%
Yttrium	89-2				97		%
Zinc	66-2	1.67	1.62	1.80	1.70	5.43	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	167.80	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:27:05	DataFile Name :	099SMPL.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	S32-0657LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-25 20:30:42	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.22	46.60	50.45	51.42	10.45	ppb
Antimony	121-1	0.08	0.05	0.06	0.06	25.09	ppb
Arsenic	75-2	0.11	0.14	0.04	0.10	53.91	ppb
Barium	135-1	1.01	0.96	0.79	0.92	13.05	ppb
Barium	137-1	0.95	0.85	0.73	0.84	12.95	ppb
Beryllium	9-1	0.03	-0.01	-0.01	0.00	1107.22	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Boron	10-1	3.57	2.02	3.61	3.07	29.46	ppb
Boron	11-1	4.64	3.55	3.83	4.01	14.10	ppb
Cadmium	111-1	0.00	-0.01	-0.12	-0.04		ppb
Cadmium	106-1	0.10	-0.09	-1.61	-0.53		ppb
Cadmium	108-1	0.08	-0.04	-0.04	0.00		ppb
Calcium	43-1	8852.89	8035.85	7918.79	8269.18	6.15	ppb
Calcium	44-1	8726.46	8308.52	7675.70	8236.89	6.42	ppb
Chromium	52-2	0.11	0.06	0.00	0.05	102.79	ppb
Cobalt	59-2	-0.04	-0.02	-0.04	-0.03		ppb
Copper	63-2	0.17	0.15	0.13	0.15	14.93	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				111		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	2.30	2.58	2.25	2.38	7.37	ppb
Iron	57-2	5.05	1.77	3.40	3.41	48.18	ppb
Lead	206-1	-0.01	-0.02	-0.04	-0.02		ppb
Lead	207-1	-0.01	-0.02	-0.02	-0.02		ppb
Lead	208-1	-0.01	-0.02	-0.03	-0.02		ppb
Lithium	6-1				107		%
Magnesium	24-2	3.63	3.49	4.55	3.89	14.79	ppb
Manganese	55-2	-0.10	-0.07	-0.12	-0.09		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	S32-0657LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-25 20:30:42	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.31	1.36	1.21	1.29	5.91	ppb
Molybdenum	95-1	1.98	1.79	1.79	1.85	5.85	ppb
Molybdenum	96-1	1.91	1.99	1.72	1.87	7.42	ppb
Molybdenum	97-1	1.87	2.10	1.98	1.98	5.97	ppb
Molybdenum	98-1	2.13	1.92	1.77	1.94	9.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.58	0.62	0.46	0.55	14.74	ppb
Phosphorus	31-2	-159.51	-104.12	-64.75	-109.46		ppb
Potassium	39-2	217.13	190.23	221.97	209.78	8.15	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	-0.05	-0.14	0.91	0.24	246.22	ppb
Selenium	82-1	0.12	0.00	-0.27	-0.05		ppb
Silicon	28-1	66.84	0.71	-33.24	11.44	444.88	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	76.18	ppb
Sodium	23-2	2476.72	2437.72	2420.18	2444.87	1.18	ppb
Strontium	86-1	12.38	11.98	11.16	11.84	5.27	ppb
Strontium	88-1	13.24	12.16	11.75	12.38	6.20	ppb
Sulfur	34-1	1161.66	261.46	-193.67	409.82	168.30	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.00	0.00	0.00	12351.43	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.00	0.00	0.01	0.00	151.63	ppb
Titanium	47-1	-0.06	-0.03	-0.26	-0.12		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.33	0.27	0.30	0.30	9.92	ppb
Yttrium	89-1				109		%
Yttrium	89-2				101		%
Zinc	66-2	0.16	0.31	0.36	0.28	36.66	ppb
Zirconium	90-1	0.02	0.00	0.02	0.01	64.64	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	S32-0657LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-25 20:30:42	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.02	0.02	62.66	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:34:20	DataFile Name :	101CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45146.01	45980.89	45131.40	45419.43	1.07	ppb
Antimony	121-1	480.82	491.93	491.16	487.97	1.27	ppb
Arsenic	75-2	495.31	493.18	493.91	494.14	0.22	ppb
Barium	135-1	2485.69	2511.45	2573.34	2523.49	1.79	ppb
Barium	137-1	2479.96	2540.83	2527.01	2515.94	1.27	ppb
Beryllium	9-1	473.49	484.53	485.60	481.21	1.39	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	447.97	465.85	494.87	469.56	5.04	ppb
Boron	11-1	457.29	473.47	490.89	473.88	3.55	ppb
Cadmium	111-1	474.44	487.39	487.79	483.21	1.57	ppb
Cadmium	106-1	485.65	489.25	494.31	489.74	0.89	ppb
Cadmium	108-1	471.05	482.10	490.19	481.11	2.00	ppb
Calcium	43-1	250305.01	246366.76	241711.59	246127.78	1.75	ppb
Calcium	44-1	241440.99	238498.98	236703.53	238881.17	1.00	ppb
Chromium	52-2	511.27	505.98	509.33	508.86	0.53	ppb
Cobalt	59-2	510.54	503.24	509.89	507.89	0.80	ppb
Copper	63-2	1004.36	996.56	1000.66	1000.52	0.39	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				113		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	56-2	123630.64	122019.36	124718.82	123456.27	1.10	ppb
Iron	57-2	114458.66	117813.47	114998.83	115756.99	1.56	ppb
Lead	206-1	484.11	487.65	485.65	485.80	0.37	ppb
Lead	207-1	482.33	487.60	480.60	483.51	0.75	ppb
Lead	208-1	498.22	497.85	498.63	498.23	0.08	ppb
Lithium	6-1				117		%
Magnesium	24-2	243144.48	238723.18	238311.51	240059.72	1.12	ppb
Manganese	55-2	1002.02	984.79	998.81	995.21	0.92	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:34:20	DataFile Name :	101CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2544.60	2521.73	2518.14	2528.16	0.57	ppb
Molybdenum	95-1	2568.23	2531.67	2508.40	2536.10	1.19	ppb
Molybdenum	96-1	2536.33	2511.87	2516.77	2521.66	0.51	ppb
Molybdenum	97-1	2562.03	2502.28	2535.71	2533.34	1.18	ppb
Molybdenum	98-1	2544.56	2501.68	2480.77	2509.01	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.71	504.27	501.19	505.06	0.85	ppb
Phosphorus	31-2	9371.26	9876.94	9747.92	9665.38	2.72	ppb
Potassium	39-2	118574.54	119650.48	120810.27	119678.43	0.93	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	77-2	508.45	526.92	426.24	487.20	11.00	ppb
Selenium	78-2	480.37	487.46	471.33	479.72	1.69	ppb
Selenium	82-1	490.13	490.54	485.11	488.59	0.62	ppb
Silicon	28-1	395.68	420.57	380.75	399.00	5.04	ppb
Silver	109-1	470.63	502.80	495.47	489.64	3.44	ppb
Silver	107-1	492.88	501.80	497.50	497.39	0.90	ppb
Sodium	23-2	243833.20	240736.73	240985.67	241851.87	0.71	ppb
Strontium	86-1	499.11	494.50	492.18	495.26	0.71	ppb
Strontium	88-1	503.78	502.60	501.94	502.77	0.19	ppb
Sulfur	34-1	9503.98	9493.45	9297.77	9431.73	1.23	ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	509.37	506.72	513.27	509.79	0.65	ppb
Thallium	205-1	512.78	511.59	520.19	514.85	0.90	ppb
Tin	118-1	485.32	500.91	487.50	491.25	1.72	ppb
Titanium	47-1	2514.97	2542.01	2491.88	2516.29	1.00	ppb
Uranium	238-1	506.77	517.53	511.50	511.93	1.05	ppb
Vanadium	51-2	505.94	505.96	505.67	505.86	0.03	ppb
Yttrium	89-1				113		%
Yttrium	89-2				102		%
Zinc	66-2	994.12	972.41	992.05	986.19	1.21	ppb
Zirconium	90-1	510.16	503.63	510.54	508.11	0.77	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:34:20	DataFile Name :	101CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	502.46	494.96	495.40	497.61	0.85	ppb

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CCB24 Instrumnet Name : P8
 Client Sample ID : CCB24 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 20:37:55 DataFile Name : 102CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.63	0.76	-0.02	0.04	1933.72	ppb
Antimony	121-1	0.16	0.11	0.13	0.13	18.67	ppb
Arsenic	75-2	0.01	-0.01	0.03	0.01	188.46	ppb
Barium	135-1	0.23	0.28	0.14	0.22	33.06	ppb
Barium	137-1	0.27	0.14	0.08	0.16	56.44	ppb
Beryllium	9-1	0.11	0.05	0.09	0.08	31.74	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	31.06	28.88	30.89	30.28	4.02	ppb
Boron	11-1	31.97	31.00	34.61	32.53	5.74	ppb
Cadmium	111-1	-0.03	0.07	0.03	0.02	222.42	ppb
Cadmium	106-1	-0.86	0.84	0.40	0.12	709.53	ppb
Cadmium	108-1	-0.04	0.12	0.14	0.07	133.83	ppb
Calcium	43-1	-0.61	-16.87	6.34	-3.71		ppb
Calcium	44-1	20.95	13.85	18.79	17.86	20.37	ppb
Chromium	52-2	0.04	-0.01	0.03	0.02	129.97	ppb
Cobalt	59-2	-0.04	-0.02	-0.03	-0.03		ppb
Copper	63-2	0.09	0.11	0.07	0.09	19.96	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				107		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	3.43	2.48	1.98	2.63	28.11	ppb
Iron	57-2	3.93	0.62	2.62	2.39	69.61	ppb
Lead	206-1	0.14	0.10	0.11	0.12	19.02	ppb
Lead	207-1	0.14	0.13	0.14	0.13	5.65	ppb
Lead	208-1	0.12	0.11	0.12	0.12	6.20	ppb
Lithium	6-1				112		%
Magnesium	24-2	2.45	1.86	3.40	2.57	30.20	ppb
Manganese	55-2	-0.11	-0.12	-0.11	-0.11		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:37:55	DataFile Name :	102CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.22	0.14	0.07	0.14	50.17	ppb
Molybdenum	95-1	0.21	0.16	0.08	0.15	46.51	ppb
Molybdenum	96-1	0.22	0.16	0.06	0.15	54.77	ppb
Molybdenum	97-1	0.27	0.25	0.11	0.21	43.03	ppb
Molybdenum	98-1	0.22	0.14	0.11	0.16	35.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	0.00	-0.02		ppb
Phosphorus	31-2	-100.10	-144.79	-136.06	-126.98		ppb
Potassium	39-2	10.86	3.43	0.56	4.95	107.35	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	-0.23	0.02	0.90	0.23	255.84	ppb
Selenium	82-1	-0.67	0.88	-0.41	-0.07		ppb
Silicon	28-1	-112.63	-116.05	8.20	-73.49		ppb
Silver	109-1	0.10	0.09	0.12	0.11	15.29	ppb
Silver	107-1	0.11	0.08	0.09	0.09	18.61	ppb
Sodium	23-2	36.83	34.10	29.68	33.54	10.76	ppb
Strontium	86-1	0.01	-0.16	0.01	-0.05		ppb
Strontium	88-1	0.06	0.04	0.01	0.04	63.04	ppb
Sulfur	34-1	-955.05	-775.61	1313.37	-139.10		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.04	0.04	0.04	29.98	ppb
Thallium	205-1	0.05	0.02	0.03	0.03	36.43	ppb
Tin	118-1	0.07	0.02	0.08	0.06	55.82	ppb
Titanium	47-1	-0.05	-0.05	-0.01	-0.04		ppb
Uranium	238-1	0.04	0.04	0.02	0.03	38.08	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	589.74	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	-0.07	-0.09	-0.09	-0.08		ppb
Zirconium	90-1	0.06	0.02	0.02	0.03	60.62	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:37:55	DataFile Name :	102CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.06	0.03	85.29	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-02DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:41:33	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	255.72	251.76	260.00	255.82	1.61	ppb
Antimony	121-1	0.53	0.49	0.56	0.53	6.42	ppb
Arsenic	75-2	0.36	0.47	0.50	0.44	16.47	ppb
Barium	135-1	3.88	4.24	4.15	4.09	4.58	ppb
Barium	137-1	4.14	4.23	4.26	4.21	1.53	ppb
Beryllium	9-1	0.01	0.03	-0.03	0.00	2029.52	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	14.05	16.31	15.57	15.31	7.54	ppb
Boron	11-1	16.20	16.78	15.40	16.13	4.30	ppb
Cadmium	111-1	-0.09	-0.01	0.00	-0.03		ppb
Cadmium	106-1	-1.38	-0.08	-0.03	-0.50		ppb
Cadmium	108-1	0.01	0.06	0.01	0.03	99.28	ppb
Calcium	43-1	49059.56	47575.42	49862.01	48832.33	2.38	ppb
Calcium	44-1	47635.23	46674.34	48960.12	47756.56	2.40	ppb
Chromium	52-2	0.34	0.49	0.40	0.41	18.20	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	1.30	1.32	1.23	1.28	3.81	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				113		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				99		%
Iron	56-2	16.72	16.53	17.00	16.75	1.42	ppb
Iron	57-2	16.89	16.43	15.78	16.37	3.39	ppb
Lead	206-1	0.03	0.02	0.03	0.03	19.06	ppb
Lead	207-1	0.03	0.05	0.08	0.05	42.56	ppb
Lead	208-1	0.04	0.04	0.05	0.04	18.51	ppb
Lithium	6-1				106		%
Magnesium	24-2	10739.92	10512.13	10487.00	10579.68	1.32	ppb
Manganese	55-2	0.16	0.20	0.15	0.17	15.42	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-02DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:41:33	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.36	6.46	6.34	6.39	1.03	ppb
Molybdenum	95-1	8.68	8.89	8.73	8.77	1.27	ppb
Molybdenum	96-1	8.47	8.65	8.63	8.59	1.15	ppb
Molybdenum	97-1	9.49	8.58	9.19	9.09	5.06	ppb
Molybdenum	98-1	9.21	9.30	8.99	9.17	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.07	3.06	3.01	3.05	0.99	ppb
Phosphorus	31-2	-180.54	-138.60	-87.91	-135.68		ppb
Potassium	39-2	1140.52	1128.18	1161.75	1143.48	1.48	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.49	-0.41	0.02	0.03	1334.67	ppb
Selenium	82-1	-0.54	0.58	-0.14	-0.03		ppb
Silicon	28-1	463.28	376.16	437.83	425.76	10.52	ppb
Silver	109-1	0.12	0.12	0.09	0.11	14.61	ppb
Silver	107-1	0.13	0.11	0.12	0.12	8.85	ppb
Sodium	23-2	24295.97	23667.87	23586.42	23850.09	1.63	ppb
Strontium	86-1	56.11	56.07	56.39	56.19	0.32	ppb
Strontium	88-1	58.21	57.84	57.71	57.92	0.45	ppb
Sulfur	34-1	665.99	331.97	740.89	579.61	37.56	ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.02	0.02	0.02	31.96	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	21.81	ppb
Tin	118-1	0.03	0.04	0.06	0.05	31.66	ppb
Titanium	47-1	0.04	-0.19	0.12	-0.01		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	33.40	ppb
Vanadium	51-2	1.35	1.55	1.42	1.44	7.09	ppb
Yttrium	89-1				111		%
Yttrium	89-2				99		%
Zinc	66-2	1.97	2.04	2.00	2.00	1.74	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	29.50	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-02DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:41:33	DataFile Name :	103SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.02	0.01	52.82	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-03DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:45:10	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	254.73	257.94	262.65	258.44	1.54	ppb
Antimony	121-1	0.44	0.43	0.45	0.44	2.97	ppb
Arsenic	75-2	0.55	0.56	0.55	0.55	1.20	ppb
Barium	135-1	4.01	4.06	4.23	4.10	2.81	ppb
Barium	137-1	3.95	3.87	4.05	3.96	2.36	ppb
Beryllium	9-1	0.02	0.00	0.05	0.02	113.41	ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Boron	10-1	12.83	9.59	11.44	11.29	14.44	ppb
Boron	11-1	10.64	11.29	10.89	10.94	2.99	ppb
Cadmium	111-1	-0.06	0.04	0.01	0.00		ppb
Cadmium	106-1	-0.81	0.55	0.15	-0.04		ppb
Cadmium	108-1	0.01	0.06	0.12	0.06	79.99	ppb
Calcium	43-1	50782.21	48226.30	48839.14	49282.55	2.71	ppb
Calcium	44-1	48397.56	46807.41	47525.93	47576.97	1.67	ppb
Chromium	52-2	0.52	0.52	0.50	0.51	2.40	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	1.16	1.21	1.23	1.20	2.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	56-2	16.63	16.42	16.78	16.61	1.10	ppb
Iron	57-2	17.59	14.43	19.06	17.03	13.88	ppb
Lead	206-1	0.02	0.04	0.04	0.03	30.14	ppb
Lead	207-1	0.04	0.03	0.04	0.03	6.57	ppb
Lead	208-1	0.03	0.03	0.04	0.03	17.11	ppb
Lithium	6-1				104		%
Magnesium	24-2	10702.97	10664.74	10408.20	10591.97	1.51	ppb
Manganese	55-2	0.24	0.13	0.15	0.17	35.25	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-03DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:45:10	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.17	6.63	6.52	6.44	3.70	ppb
Molybdenum	95-1	9.02	9.14	9.35	9.17	1.85	ppb
Molybdenum	96-1	8.82	8.71	8.80	8.78	0.69	ppb
Molybdenum	97-1	9.41	9.00	9.03	9.15	2.54	ppb
Molybdenum	98-1	8.94	9.46	9.03	9.14	3.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.18	3.10	3.38	3.22	4.45	ppb
Phosphorus	31-2	-150.56	-174.07	-154.62	-159.75		ppb
Potassium	39-2	1162.72	1152.71	1142.58	1152.67	0.87	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.48	-0.09	0.32	0.23	125.12	ppb
Selenium	82-1	0.72	0.35	-0.18	0.30	151.43	ppb
Silicon	28-1	453.31	405.91	387.19	415.47	8.20	ppb
Silver	109-1	0.05	0.05	0.02	0.04	39.11	ppb
Silver	107-1	0.04	0.05	0.05	0.05	8.53	ppb
Sodium	23-2	23791.90	24114.60	23197.71	23701.40	1.96	ppb
Strontium	86-1	57.94	56.91	57.90	57.58	1.01	ppb
Strontium	88-1	58.35	59.19	59.30	58.95	0.88	ppb
Sulfur	34-1	1292.66	477.83	653.51	808.00	53.07	ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	0.02	-0.01	0.01	0.01	168.30	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	97.51	ppb
Tin	118-1	0.06	0.07	0.08	0.07	11.31	ppb
Titanium	47-1	-0.33	0.03	-0.06	-0.12		ppb
Uranium	238-1	0.00	0.00	0.01	0.00	83.02	ppb
Vanadium	51-2	1.48	1.42	1.46	1.45	2.09	ppb
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	2.19	2.51	2.47	2.39	7.23	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	45.85	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-03DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:45:10	DataFile Name :	104SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.01	0.01	56.57	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:48:47	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	248.17	262.65	242.67	251.16	4.11	ppb
Antimony	121-1	0.40	0.36	0.48	0.41	14.93	ppb
Arsenic	75-2	0.49	0.51	0.55	0.52	6.47	ppb
Barium	135-1	3.97	4.26	4.18	4.13	3.68	ppb
Barium	137-1	4.07	4.34	4.16	4.19	3.29	ppb
Beryllium	9-1	0.01	0.01	0.04	0.02	91.89	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Boron	10-1	9.24	8.49	7.97	8.57	7.42	ppb
Boron	11-1	9.24	8.40	8.09	8.58	6.91	ppb
Cadmium	111-1	-0.07	-0.05	0.01	-0.04		ppb
Cadmium	106-1	-1.10	-0.51	0.15	-0.49		ppb
Cadmium	108-1	0.01	0.12	0.01	0.05	130.26	ppb
Calcium	43-1	51410.83	49105.98	49378.95	49965.25	2.52	ppb
Calcium	44-1	49714.11	47442.84	48796.99	48651.31	2.35	ppb
Chromium	52-2	0.50	0.49	0.45	0.48	4.63	ppb
Cobalt	59-2	0.00	-0.02	0.00	-0.01		ppb
Copper	63-2	1.16	1.19	1.16	1.17	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				101		%
Iron	56-2	17.21	16.93	16.97	17.04	0.89	ppb
Iron	57-2	14.43	14.11	16.25	14.93	7.74	ppb
Lead	206-1	0.11	0.11	0.11	0.11	2.92	ppb
Lead	207-1	0.11	0.09	0.14	0.11	25.22	ppb
Lead	208-1	0.12	0.11	0.11	0.11	4.22	ppb
Lithium	6-1				104		%
Magnesium	24-2	10986.43	10930.41	10746.70	10887.85	1.15	ppb
Manganese	55-2	0.01	0.18	0.20	0.13	79.45	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:48:47	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.30	6.41	6.26	6.32	1.27	ppb
Molybdenum	95-1	9.12	9.10	9.03	9.08	0.53	ppb
Molybdenum	96-1	8.83	8.98	9.00	8.94	1.04	ppb
Molybdenum	97-1	9.57	9.40	8.64	9.20	5.34	ppb
Molybdenum	98-1	9.12	9.08	9.06	9.09	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.08	3.29	3.18	3.18	3.33	ppb
Phosphorus	31-2	-123.57	-198.48	-150.49	-157.51		ppb
Potassium	39-2	1147.59	1147.40	1173.71	1156.23	1.31	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.16	-0.42	-0.47	-0.24		ppb
Selenium	82-1	0.84	0.26	0.69	0.60	50.26	ppb
Silicon	28-1	473.69	389.66	383.69	415.68	12.11	ppb
Silver	109-1	0.04	0.02	0.02	0.03	35.36	ppb
Silver	107-1	0.02	0.02	0.03	0.02	22.88	ppb
Sodium	23-2	24603.61	24156.10	23957.74	24239.15	1.36	ppb
Strontium	86-1	56.62	56.14	56.46	56.41	0.44	ppb
Strontium	88-1	58.78	59.08	58.40	58.75	0.58	ppb
Sulfur	34-1	1626.61	823.47	850.11	1100.06	41.47	ppb
Terbium	159-1				116		%
Terbium	159-2				108		%
Thallium	203-1	0.00	0.00	0.01	0.00	283.23	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.09	0.08	0.08	0.08	11.07	ppb
Titanium	47-1	-0.04	-0.06	-0.02	-0.04		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	55.52	ppb
Vanadium	51-2	1.40	1.34	1.55	1.43	7.63	ppb
Yttrium	89-1				112		%
Yttrium	89-2				100		%
Zinc	66-2	1.91	2.62	1.99	2.17	18.03	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	16.83	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:48:47	DataFile Name :	105SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	-0.01	0.01	189.45	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0652DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:52:25	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.00	2.50	3.85	3.12	21.91	ppb
Antimony	121-1	0.23	0.22	0.30	0.25	17.13	ppb
Arsenic	75-2	3.56	3.82	3.61	3.66	3.70	ppb
Barium	135-1	6.38	5.77	6.54	6.23	6.53	ppb
Barium	137-1	6.30	6.53	6.29	6.37	2.13	ppb
Beryllium	9-1	-0.02	0.05	-0.01	0.00	716.35	ppb
Bismuth	209-1				116		%
Bismuth	209-2				106		%
Boron	10-1	14.68	17.61	13.73	15.34	13.17	ppb
Boron	11-1	14.45	14.71	16.12	15.09	5.97	ppb
Cadmium	111-1	-0.16	-0.06	-0.05	-0.09		ppb
Cadmium	106-1	-2.08	-0.69	-0.64	-1.14		ppb
Cadmium	108-1	0.16	0.06	0.01	0.08	97.88	ppb
Calcium	43-1	10970.14	10875.38	10969.77	10938.43	0.50	ppb
Calcium	44-1	10915.41	10952.93	10880.80	10916.38	0.33	ppb
Chromium	52-2	0.10	0.13	0.04	0.09	53.61	ppb
Cobalt	59-2	0.07	0.06	0.04	0.05	29.50	ppb
Copper	63-2	0.17	0.21	0.21	0.20	11.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				113		%
Indium	115-2				100		%
Iron	56-2	124.49	124.38	123.84	124.24	0.28	ppb
Iron	57-2	100.20	105.91	101.38	102.50	2.94	ppb
Lead	206-1	-0.02	-0.02	-0.03	-0.02		ppb
Lead	207-1	-0.01	-0.01	-0.02	-0.01		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				104		%
Magnesium	24-2	4577.22	4513.45	4481.18	4523.95	1.08	ppb
Manganese	55-2	172.80	172.94	172.14	172.63	0.25	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0652DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:52:25	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.84	1.95	1.88	1.89	2.80	ppb
Molybdenum	95-1	2.62	2.45	2.58	2.55	3.39	ppb
Molybdenum	96-1	2.43	2.53	2.67	2.55	4.79	ppb
Molybdenum	97-1	2.41	2.54	2.73	2.56	6.13	ppb
Molybdenum	98-1	2.48	2.74	2.58	2.60	5.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.21	0.17	0.20	10.49	ppb
Phosphorus	31-2	-111.01	-150.12	-122.72	-127.95		ppb
Potassium	39-2	2419.84	2385.91	2419.71	2408.48	0.81	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	1.27	-0.58	1.15	0.62	167.71	ppb
Selenium	78-2	-0.20	0.36	-0.60	-0.15		ppb
Selenium	82-1	1.16	0.49	-0.84	0.27	380.96	ppb
Silicon	28-1	892.05	872.00	908.70	890.92	2.06	ppb
Silver	109-1	0.01	0.01	0.02	0.01	31.84	ppb
Silver	107-1	0.01	0.01	0.02	0.01	10.61	ppb
Sodium	23-2	14626.54	14352.26	14371.55	14450.12	1.06	ppb
Strontium	86-1	83.60	83.04	82.03	82.89	0.96	ppb
Strontium	88-1	84.86	84.66	84.67	84.73	0.13	ppb
Sulfur	34-1	3370.29	3259.56	2935.10	3188.31	7.09	ppb
Terbium	159-1				116		%
Terbium	159-2				107		%
Thallium	203-1	0.00	-0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.06	0.04	0.08	0.06	35.83	ppb
Titanium	47-1	-0.06	-0.02	-0.16	-0.08		ppb
Uranium	238-1	0.59	0.60	0.62	0.60	2.29	ppb
Vanadium	51-2	0.08	0.11	0.06	0.08	30.99	ppb
Yttrium	89-1				112		%
Yttrium	89-2				100		%
Zinc	66-2	1.32	0.93	0.93	1.06	21.19	ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	101.10	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0652DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:52:25	DataFile Name :	106SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.03	-0.02	0.00	753.63	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0653DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:56:02	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.22	2.26	1.79	1.76	29.77	ppb
Antimony	121-1	0.21	0.27	0.25	0.24	12.48	ppb
Arsenic	75-2	3.91	4.04	4.04	4.00	1.81	ppb
Barium	135-1	6.57	6.41	6.74	6.57	2.54	ppb
Barium	137-1	6.40	6.90	6.21	6.50	5.50	ppb
Beryllium	9-1	0.00	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				116		%
Bismuth	209-2				106		%
Boron	10-1	14.71	12.46	16.01	14.39	12.46	ppb
Boron	11-1	14.17	14.91	14.70	14.59	2.59	ppb
Cadmium	111-1	-0.10	-0.05	-0.18	-0.11		ppb
Cadmium	106-1	-1.41	-0.67	-2.52	-1.53		ppb
Cadmium	108-1	-0.04	-0.04	0.01	-0.02		ppb
Calcium	43-1	11094.74	11085.45	10914.63	11031.61	0.92	ppb
Calcium	44-1	10917.59	10998.33	10933.72	10949.88	0.39	ppb
Chromium	52-2	0.11	0.01	0.09	0.07	74.24	ppb
Cobalt	59-2	0.04	0.03	0.05	0.04	24.77	ppb
Copper	63-2	0.12	0.12	0.10	0.11	12.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				99		%
Iron	56-2	126.10	124.01	122.02	124.04	1.65	ppb
Iron	57-2	98.13	111.25	102.04	103.81	6.49	ppb
Lead	206-1	0.00	0.04	0.01	0.02	124.35	ppb
Lead	207-1	0.06	0.05	0.03	0.05	28.86	ppb
Lead	208-1	0.03	0.03	0.03	0.03	2.53	ppb
Lithium	6-1				104		%
Magnesium	24-2	4602.77	4564.56	4552.04	4573.12	0.58	ppb
Manganese	55-2	174.09	175.95	174.46	174.84	0.56	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0653DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:56:02	DataFile Name :	107SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.86	1.81	2.01	1.89	5.41	ppb
Molybdenum	95-1	2.70	2.70	2.64	2.68	1.38	ppb
Molybdenum	96-1	2.51	2.70	2.59	2.60	3.67	ppb
Molybdenum	97-1	2.62	2.70	2.52	2.61	3.40	ppb
Molybdenum	98-1	2.86	2.65	2.73	2.75	3.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.14	0.09	0.10	39.66	ppb
Phosphorus	31-2	-66.23	-143.41	-107.69	-105.78		ppb
Potassium	39-2	2429.53	2465.02	2409.22	2434.59	1.16	ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	1.29	3.04	-0.58	1.25	144.36	ppb
Selenium	78-2	-0.02	0.73	0.20	0.30	126.85	ppb
Selenium	82-1	0.62	0.39	0.29	0.44	38.77	ppb
Silicon	28-1	907.50	911.95	862.03	893.83	3.09	ppb
Silver	109-1	0.01	0.01	0.01	0.01	37.09	ppb
Silver	107-1	0.02	0.02	0.02	0.02	14.65	ppb
Sodium	23-2	14737.60	14908.03	14226.36	14624.00	2.43	ppb
Strontium	86-1	83.35	82.96	82.05	82.79	0.81	ppb
Strontium	88-1	86.17	85.91	86.21	86.10	0.19	ppb
Sulfur	34-1	2751.19	2445.29	2325.14	2507.21	8.76	ppb
Terbium	159-1				116		%
Terbium	159-2				107		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.06	0.06	0.05	0.06	8.84	ppb
Titanium	47-1	-0.47	-0.04	-0.48	-0.33		ppb
Uranium	238-1	0.60	0.62	0.63	0.62	2.88	ppb
Vanadium	51-2	0.08	0.10	0.05	0.07	38.33	ppb
Yttrium	89-1				111		%
Yttrium	89-2				98		%
Zinc	66-2	1.11	1.22	0.89	1.07	15.48	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	71.85	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0653DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:56:02	DataFile Name :	107SMPL.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0654DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:59:39	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.44	7.21	7.27	6.97	6.61	ppb
Antimony	121-1	0.25	0.26	0.28	0.26	6.07	ppb
Arsenic	75-2	2.31	2.05	2.12	2.16	6.41	ppb
Barium	135-1	14.08	14.58	14.23	14.30	1.80	ppb
Barium	137-1	14.68	14.35	13.93	14.32	2.64	ppb
Beryllium	9-1	0.01	0.01	-0.02	0.00		ppb
Bismuth	209-1				116		%
Bismuth	209-2				106		%
Boron	10-1	10.71	5.66	8.81	8.39	30.41	ppb
Boron	11-1	7.75	7.78	7.81	7.78	0.39	ppb
Cadmium	111-1	0.00	-0.11	-0.13	-0.08		ppb
Cadmium	106-1	-0.10	-1.47	-1.77	-1.11		ppb
Cadmium	108-1	0.01	0.06	0.06	0.05	63.87	ppb
Calcium	43-1	15204.83	15750.38	15352.72	15435.98	1.83	ppb
Calcium	44-1	15128.44	15100.72	15243.24	15157.47	0.50	ppb
Chromium	52-2	0.17	0.18	0.18	0.17	4.35	ppb
Cobalt	59-2	0.36	0.36	0.38	0.36	3.48	ppb
Copper	63-2	0.32	0.28	0.32	0.31	7.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				109		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	56-2	2163.12	2210.01	2134.20	2169.11	1.76	ppb
Iron	57-2	1711.23	1721.87	1728.16	1720.42	0.50	ppb
Lead	206-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	207-1	0.00	0.01	0.01	0.01	75.13	ppb
Lead	208-1	-0.01	-0.01	0.00	-0.01		ppb
Lithium	6-1				104		%
Magnesium	24-2	1509.24	1556.47	1489.12	1518.28	2.28	ppb
Manganese	55-2	257.50	262.96	256.98	259.15	1.28	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0654DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:59:39	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.28	0.31	0.28	0.29	5.45	ppb
Molybdenum	95-1	0.36	0.29	0.31	0.32	12.26	ppb
Molybdenum	96-1	0.40	0.24	0.25	0.29	30.23	ppb
Molybdenum	97-1	0.40	0.30	0.37	0.35	14.95	ppb
Molybdenum	98-1	0.31	0.32	0.30	0.31	4.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.22	1.02	1.10	9.21	ppb
Phosphorus	31-2	-148.90	-109.89	-118.68	-125.82		ppb
Potassium	39-2	1523.81	1573.52	1511.24	1536.19	2.14	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.35	1.03	-0.59	0.26	312.00	ppb
Selenium	82-1	0.27	-1.22	0.03	-0.31		ppb
Silicon	28-1	715.95	693.13	685.82	698.30	2.25	ppb
Silver	109-1	0.01	0.00	0.01	0.01	67.99	ppb
Silver	107-1	0.01	0.02	0.01	0.01	18.74	ppb
Sodium	23-2	7622.41	7770.59	7515.50	7636.17	1.68	ppb
Strontium	86-1	123.52	122.31	122.58	122.80	0.52	ppb
Strontium	88-1	125.95	126.56	126.32	126.28	0.24	ppb
Sulfur	34-1	2889.29	2684.87	2751.69	2775.28	3.76	ppb
Terbium	159-1				115		%
Terbium	159-2				107		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.10	0.07	0.05	0.07	32.18	ppb
Titanium	47-1	-0.12	-0.21	-0.30	-0.21		ppb
Uranium	238-1	0.16	0.17	0.14	0.16	10.04	ppb
Vanadium	51-2	0.10	0.14	0.16	0.14	21.95	ppb
Yttrium	89-1				109		%
Yttrium	89-2				98		%
Zinc	66-2	1.63	1.80	1.80	1.75	5.54	ppb
Zirconium	90-1	0.00	0.03	0.01	0.01	145.77	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0654DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:59:39	DataFile Name :	108SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.00	0.01	0.00	1285.77	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-08DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-ER-2019-1DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 21:03:16	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.89	0.79	-0.32	0.45	149.01	ppb
Antimony	121-1	0.22	0.20	0.23	0.22	6.44	ppb
Arsenic	75-2	-0.01	0.03	0.00	0.01	249.48	ppb
Barium	135-1	0.02	0.01	0.01	0.01	56.84	ppb
Barium	137-1	-0.02	0.00	0.00	-0.01		ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	68.82	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	10-1	3.26	5.50	5.83	4.86	28.69	ppb
Boron	11-1	4.73	4.12	4.22	4.36	7.52	ppb
Cadmium	111-1	-0.12	-0.11	-0.07	-0.10		ppb
Cadmium	106-1	-1.66	-1.51	-0.91	-1.36		ppb
Cadmium	108-1	0.01	0.06	0.01	0.03	99.74	ppb
Calcium	43-1	-1.12	-0.16	-3.21	-1.50		ppb
Calcium	44-1	13.63	14.98	14.53	14.38	4.79	ppb
Chromium	52-2	0.11	0.06	0.03	0.07	57.86	ppb
Cobalt	59-2	-0.04	-0.04	-0.04	-0.04		ppb
Copper	63-2	0.17	0.18	0.16	0.17	6.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				98		%
Iron	56-2	0.34	0.22	0.23	0.27	25.00	ppb
Iron	57-2	-0.01	0.41	0.14	0.18	119.32	ppb
Lead	206-1	-0.03	-0.04	-0.03	-0.03		ppb
Lead	207-1	-0.03	-0.01	-0.02	-0.02		ppb
Lead	208-1	-0.03	-0.03	-0.02	-0.03		ppb
Lithium	6-1				102		%
Magnesium	24-2	1.31	2.20	1.57	1.69	27.06	ppb
Manganese	55-2	-0.16	-0.13	-0.12	-0.13		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-08DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-ER-2019-1DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 21:03:16	DataFile Name :	109SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.02	-0.02	0.01	-0.01		ppb
Molybdenum	95-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	-0.02	-0.03	0.00	-0.02		ppb
Molybdenum	97-1	0.04	-0.02	0.00	0.01	323.70	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.00	0.02	0.02	104.66	ppb
Phosphorus	31-2	-105.17	-128.29	-108.14	-113.87		ppb
Potassium	39-2	-4.05	4.74	3.03	1.24	375.84	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.35	-0.38	-0.57	-0.20		ppb
Selenium	82-1	0.19	0.32	-0.42	0.03	1310.36	ppb
Silicon	28-1	-144.59	-162.41	-148.41	-151.80		ppb
Silver	109-1	0.00	0.01	0.01	0.01	41.19	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.05	ppb
Sodium	23-2	26.61	17.92	21.03	21.85	20.15	ppb
Strontium	86-1	-0.05	-0.05	-0.06	-0.05		ppb
Strontium	88-1	0.02	0.04	0.03	0.03	21.47	ppb
Sulfur	34-1	-238.22	-660.77	-215.67	-371.55		ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	0.00		ppb
Tin	118-1	0.03	0.05	0.07	0.05	38.83	ppb
Titanium	47-1	-0.33	-0.13	-0.30	-0.25		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.03	0.04	0.04	0.03	18.91	ppb
Yttrium	89-1				109		%
Yttrium	89-2				97		%
Zinc	66-2	1.30	1.37	1.38	1.35	3.29	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-08DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-ER-2019-1DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 21:03:16	DataFile Name :	109SMPL.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 21:14:08	DataFile Name :	112CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44678.32	46074.93	46924.99	45892.75	2.47	ppb
Antimony	121-1	502.49	493.79	498.49	498.26	0.87	ppb
Arsenic	75-2	496.01	497.09	494.29	495.80	0.28	ppb
Barium	135-1	2510.69	2476.31	2517.06	2501.35	0.88	ppb
Barium	137-1	2503.69	2485.65	2521.98	2503.77	0.73	ppb
Beryllium	9-1	476.05	477.08	477.46	476.86	0.15	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	462.30	451.44	456.17	456.64	1.19	ppb
Boron	11-1	450.55	460.70	476.58	462.61	2.84	ppb
Cadmium	111-1	482.85	481.24	488.27	484.12	0.76	ppb
Cadmium	106-1	484.39	490.30	502.38	492.36	1.86	ppb
Cadmium	108-1	479.63	478.95	488.40	482.33	1.09	ppb
Calcium	43-1	237332.52	243487.07	244161.78	241660.46	1.56	ppb
Calcium	44-1	234267.66	236003.28	235939.30	235403.41	0.42	ppb
Chromium	52-2	504.95	509.51	500.48	504.98	0.89	ppb
Cobalt	59-2	504.12	502.65	495.83	500.87	0.88	ppb
Copper	63-2	985.26	983.95	971.29	980.17	0.79	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				109		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	121806.84	123344.53	122134.66	122428.68	0.66	ppb
Iron	57-2	111531.62	115216.54	116444.41	114397.52	2.23	ppb
Lead	206-1	479.83	487.63	484.57	484.01	0.81	ppb
Lead	207-1	475.79	483.69	479.94	479.81	0.82	ppb
Lead	208-1	490.41	500.63	493.08	494.71	1.07	ppb
Lithium	6-1				124		%
Magnesium	24-2	237320.58	243404.03	237179.26	239301.29	1.49	ppb
Manganese	55-2	971.83	992.85	977.23	980.64	1.11	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 21:14:08	DataFile Name :	112CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2496.63	2508.47	2502.04	2502.38	0.24	ppb
Molybdenum	95-1	2521.48	2516.10	2546.00	2527.86	0.63	ppb
Molybdenum	96-1	2505.50	2497.71	2547.67	2516.96	1.07	ppb
Molybdenum	97-1	2522.37	2503.61	2557.47	2527.82	1.08	ppb
Molybdenum	98-1	2506.73	2495.50	2518.97	2507.07	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.82	498.72	496.04	498.19	0.39	ppb
Phosphorus	31-2	9873.67	9595.39	10004.55	9824.53	2.13	ppb
Potassium	39-2	118257.17	119371.07	117528.07	118385.44	0.78	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				102		%
Selenium	77-2	455.66	449.49	465.01	456.72	1.71	ppb
Selenium	78-2	500.92	491.03	475.56	489.17	2.61	ppb
Selenium	82-1	490.86	483.82	490.83	488.50	0.83	ppb
Silicon	28-1	403.32	434.01	442.46	426.60	4.83	ppb
Silver	109-1	491.33	496.94	504.72	497.66	1.35	ppb
Silver	107-1	489.47	497.13	495.92	494.17	0.83	ppb
Sodium	23-2	239892.16	245484.84	236873.98	240750.32	1.81	ppb
Strontium	86-1	487.43	489.93	493.37	490.24	0.61	ppb
Strontium	88-1	505.85	497.07	500.58	501.17	0.88	ppb
Sulfur	34-1	10005.01	10360.03	10181.55	10182.20	1.74	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	501.38	509.81	505.56	505.58	0.83	ppb
Thallium	205-1	505.24	516.86	513.76	511.95	1.18	ppb
Tin	118-1	496.53	496.57	502.14	498.41	0.65	ppb
Titanium	47-1	2480.47	2459.08	2488.86	2476.14	0.62	ppb
Uranium	238-1	496.02	505.96	503.87	501.95	1.04	ppb
Vanadium	51-2	497.79	503.00	498.42	499.73	0.57	ppb
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	980.71	979.82	965.90	975.48	0.85	ppb
Zirconium	90-1	503.88	498.04	512.69	504.87	1.46	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 21:14:08	DataFile Name :	112CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.30	494.43	498.13	495.95	0.39	ppb

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CCB25 Instrumnet Name : P8
 Client Sample ID : CCB25 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 21:17:43 DataFile Name : 113CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.47	1.50	-0.01	1.65	105.51	ppb
Antimony	121-1	0.13	0.12	0.09	0.11	15.13	ppb
Arsenic	75-2	0.04	0.00	0.05	0.03	90.94	ppb
Barium	135-1	0.20	0.21	0.34	0.25	31.87	ppb
Barium	137-1	0.30	0.29	0.30	0.30	2.73	ppb
Beryllium	9-1	0.07	0.08	0.08	0.08	10.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	30.48	25.38	24.13	26.66	12.61	ppb
Boron	11-1	29.44	30.06	24.38	27.96	11.14	ppb
Cadmium	111-1	0.10	0.03	-0.01	0.04	130.48	ppb
Cadmium	106-1	0.21	-0.68	-0.68	-0.38		ppb
Cadmium	108-1	0.12	0.18	0.07	0.12	44.12	ppb
Calcium	43-1	1.06	10.17	11.03	7.42	74.49	ppb
Calcium	44-1	26.74	27.62	24.84	26.40	5.39	ppb
Chromium	52-2	-0.05	0.06	0.01	0.01	1023.53	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	35.76	ppb
Copper	63-2	0.13	0.14	0.08	0.12	25.68	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				108		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	10.97	9.42	7.21	9.20	20.57	ppb
Iron	57-2	10.12	7.35	8.18	8.55	16.61	ppb
Lead	206-1	0.13	0.17	0.12	0.14	16.80	ppb
Lead	207-1	0.09	0.14	0.13	0.12	21.83	ppb
Lead	208-1	0.11	0.14	0.12	0.13	10.28	ppb
Lithium	6-1				123		%
Magnesium	24-2	16.48	14.52	11.15	14.05	19.21	ppb
Manganese	55-2	0.00	-0.05	-0.12	-0.06		ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 21:17:43	DataFile Name :	113CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.26	0.24	0.29	0.27	9.41	ppb
Molybdenum	95-1	0.36	0.31	0.27	0.31	15.10	ppb
Molybdenum	96-1	0.31	0.29	0.23	0.28	15.02	ppb
Molybdenum	97-1	0.24	0.20	0.21	0.22	10.66	ppb
Molybdenum	98-1	0.26	0.30	0.29	0.28	7.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.01	0.01	140.05	ppb
Phosphorus	31-2	-134.70	-194.50	-158.91	-162.70		ppb
Potassium	39-2	8.91	17.42	-3.91	7.48	143.64	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	77-2	-0.58	-0.58	-0.58	-0.58		ppb
Selenium	78-2	0.13	-0.12	-0.48	-0.16		ppb
Selenium	82-1	1.08	0.03	0.14	0.42	139.18	ppb
Silicon	28-1	-96.22	-88.73	-107.51	-97.49		ppb
Silver	109-1	0.08	0.10	0.09	0.09	12.50	ppb
Silver	107-1	0.09	0.09	0.10	0.09	6.98	ppb
Sodium	23-2	52.51	42.79	40.73	45.34	13.87	ppb
Strontium	86-1	0.03	-0.05	0.00	-0.01		ppb
Strontium	88-1	0.05	0.05	0.06	0.05	13.69	ppb
Sulfur	34-1	-432.94	-189.78	-510.93	-377.88		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.05	0.05	0.05	16.56	ppb
Thallium	205-1	0.06	0.08	0.06	0.07	10.34	ppb
Tin	118-1	0.05	0.08	0.10	0.07	32.40	ppb
Titanium	47-1	0.14	0.02	0.08	0.08	78.50	ppb
Uranium	238-1	0.03	0.05	0.05	0.04	22.40	ppb
Vanadium	51-2	0.02	0.02	0.01	0.01	40.92	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	0.03	-0.06	0.03	0.00		ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	2.93	ppb

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 21:17:43	DataFile Name :	113CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.06	0.06	0.06	5.28	ppb

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 13:42:52 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	67	39	65.47	cps
Antimony	121-1	0	25	17	14	91.65	cps
Arsenic	75-2	2	1	3	2	50.00	cps
Barium	135-1	8	8	33	17	86.62	cps
Barium	137-1	25	33	50	36	35.25	cps
Beryllium	9-1	22	11	17	17	33.33	cps
Bismuth	209-1	2981733	2906108	2945938	2944593	1.28	cps
Bismuth	209-2	1229098	1268438	1289874	1262470	2.44	cps
Boron	10-1	25	33	33	31	15.74	cps
Boron	11-1	83	117	200	133	45.07	cps
Cadmium	111-1	714	659	631	668	6.32	cps
Cadmium	106-1	1008	933	900	947	5.86	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	592	383	483	486	21.43	cps
Calcium	44-1	7786	8311	7978	8025	3.31	cps
Chromium	52-2	397	497	393	429	13.69	cps
Cobalt	59-2	70	103	117	97	24.87	cps
Copper	63-2	467	393	560	473	17.65	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	3	23	7	11	96.43	cps
Gadolinium	160-1	50	0	8	19	137.78	cps
Gadolinium	160-2	10	13	0	8	89.21	cps
Holmium	165-1	4605404	4587527	4539932	4577621	0.74	cps
Holmium	165-2	1748928	1825136	1869235	1814433	3.35	cps
Indium	115-1	3750480	3684958	3653782	3696407	1.34	cps
Indium	115-2	510045	531704	542583	528111	3.14	cps
Iron	56-2	1333	1345	1467	1382	5.36	cps
Iron	57-2	39	17	44	33	44.09	cps
Lead	206-1	167	194	194	185	8.66	cps
Lead	207-1	150	150	111	137	16.38	cps
Lead	208-1	650	672	767	696	8.90	cps
Lithium	6-1	524445	522790	523497	523578	0.16	cps
Magnesium	24-2	58	25	42	42	40.00	cps
Manganese	55-2	80	93	117	97	19.20	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:42:52	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	100	158	131	22.42	cps
Molybdenum	95-1	25	42	50	39	32.73	cps
Molybdenum	96-1	92	50	100	81	33.25	cps
Molybdenum	97-1	67	50	58	58	14.29	cps
Molybdenum	98-1	42	58	33	44	28.64	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	43	20	33	32	36.33	cps
Phosphorus	31-2	392	442	400	411	6.52	cps
Potassium	39-2	9629	10012	10129	9923	2.64	cps
Rhodium	103-1	3517845	3510737	3417039	3481874	1.62	cps
Rhodium	103-2	1504284	1575710	1598210	1559401	3.14	cps
Scandium	45-1	2139882	2200640	2146301	2162275	1.54	cps
Scandium	45-2	76121	80113	82486	79573	4.04	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	9	15	8	11	35.49	cps
Selenium	82-1	-2	-47	-38	-29	-82.42	cps
Silicon	28-1	1201032	1232025	1217581	1216879	1.27	cps
Silver	109-1	17	17	25	19	24.73	cps
Silver	107-1	25	0	8	11	114.58	cps
Sodium	23-2	3809	3851	3926	3862	1.53	cps
Strontium	86-1	550	400	508	486	15.93	cps
Strontium	88-1	17	67	42	42	60.00	cps
Sulfur	34-1	165018	165768	166915	165900	0.58	cps
Terbium	159-1	4772467	4743782	4770462	4762237	0.34	cps
Terbium	159-2	1781914	1849473	1880158	1837182	2.74	cps
Thallium	203-1	25	42	42	36	26.65	cps
Thallium	205-1	58	117	67	81	39.16	cps
Tin	118-1	150	133	175	153	13.73	cps
Titanium	47-1	675	517	750	647	18.41	cps
Uranium	238-1	42	50	50	47	10.18	cps
Vanadium	51-2	7	17	7	10	57.72	cps
Yttrium	89-1	3931971	3873370	3853670	3886337	1.05	cps
Yttrium	89-2	407046	432964	436434	425481	3.77	cps
Zinc	66-2	87	50	67	68	27.09	cps
Zirconium	90-1	275	300	267	281	6.18	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:42:52	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	58	83	75	19.25	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 13:50:39 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	425	450	425	433	3.33	cps
Antimony	121-1	7311	7386	7085	7261	2.15	cps
Arsenic	75-2	137	146	142	142	3.19	cps
Barium	135-1	7844	7961	7944	7916	0.80	cps
Barium	137-1	13574	13340	13357	13424	0.97	cps
Beryllium	9-1	478	511	422	470	9.55	cps
Bismuth	209-1	2886015	2899910	2841503	2875809	1.06	cps
Bismuth	209-2	1180530	1288449	1305019	1257999	5.37	cps
Boron	10-1	1067	958	1192	1072	10.89	cps
Boron	11-1	5451	5434	5393	5426	0.55	cps
Cadmium	111-1	1491	1457	1541	1496	2.83	cps
Cadmium	106-1	942	833	1042	939	11.10	cps
Cadmium	108-1	50	92	67	69	30.20	cps
Calcium	43-1	4801	4568	5093	4820	5.46	cps
Calcium	44-1	79122	79231	78494	78949	0.50	cps
Chromium	52-2	2434	2490	2377	2434	2.33	cps
Cobalt	59-2	1737	1570	1670	1659	5.06	cps
Copper	63-2	2820	2924	2837	2860	1.94	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	25	50	28	75.51	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	25	8	25	19	49.50	cps
Gadolinium	160-2	10	23	13	16	44.60	cps
Holmium	165-1	4409226	4442389	4444431	4432015	0.45	cps
Holmium	165-2	1700198	1888663	1873883	1820915	5.76	cps
Indium	115-1	3551672	3569849	3578520	3566681	0.38	cps
Indium	115-2	498824	545087	553468	532459	5.53	cps
Iron	56-2	40102	39996	40208	40102	0.26	cps
Iron	57-2	883	1011	1083	993	10.20	cps
Lead	206-1	2495	2545	2545	2528	1.14	cps
Lead	207-1	2011	2045	2328	2128	8.18	cps
Lead	208-1	9813	9952	10374	10046	2.91	cps
Lithium	6-1	506923	513848	518130	512967	1.10	cps
Magnesium	24-2	28370	28896	29757	29008	2.41	cps
Manganese	55-2	500	500	610	537	11.83	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:50:39	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6944	6618	6777	6780	2.40	cps
Molybdenum	95-1	8369	8319	8495	8395	1.07	cps
Molybdenum	96-1	9787	9879	9112	9593	4.37	cps
Molybdenum	97-1	5385	5309	5243	5312	1.33	cps
Molybdenum	98-1	13073	13490	13649	13404	2.22	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	533	450	517	500	8.82	cps
Phosphorus	31-2	367	433	400	400	8.33	cps
Potassium	39-2	33532	33883	35462	34292	3.00	cps
Rhodium	103-1	3356245	3341794	3390096	3362712	0.74	cps
Rhodium	103-2	1454317	1570338	1627628	1550761	5.69	cps
Scandium	45-1	2179631	2171207	2190964	2180601	0.45	cps
Scandium	45-2	74929	82359	83654	80314	5.86	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	40	39	46	42	9.09	cps
Selenium	82-1	292	304	263	287	7.44	cps
Silicon	28-1	1250722	1242967	1277519	1257070	1.44	cps
Silver	109-1	4468	4968	4634	4690	5.43	cps
Silver	107-1	4734	4576	4993	4768	4.41	cps
Sodium	23-2	63282	64136	67920	65113	3.79	cps
Strontium	86-1	1392	1467	1375	1411	3.46	cps
Strontium	88-1	8728	8703	9037	8823	2.11	cps
Sulfur	34-1	163838	162583	163755	163392	0.43	cps
Terbium	159-1	4614475	4583779	4652520	4616925	0.75	cps
Terbium	159-2	1742366	1871851	1906398	1840205	4.70	cps
Thallium	203-1	2617	2884	2892	2798	5.59	cps
Thallium	205-1	6977	6827	6835	6880	1.23	cps
Tin	118-1	13232	14049	13482	13588	3.08	cps
Titanium	47-1	2675	2950	2709	2778	5.40	cps
Uranium	238-1	8487	8061	7953	8167	3.45	cps
Vanadium	51-2	3914	4134	4104	4051	2.95	cps
Yttrium	89-1	3738961	3804102	3808548	3783871	1.03	cps
Yttrium	89-2	401605	438959	446680	429081	5.62	cps
Zinc	66-2	360	433	357	383	11.30	cps
Zirconium	90-1	5368	5535	5543	5482	1.80	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:50:39	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1225	1342	1217	1261	5.54	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 13:54:38 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19188	20816	19973	19992	4.07	cps
Antimony	121-1	214275	212590	213818	213561	0.41	cps
Arsenic	75-2	7410	7719	7639	7589	2.11	cps
Barium	135-1	219398	218788	217957	218714	0.33	cps
Barium	137-1	382074	380172	377996	380081	0.54	cps
Beryllium	9-1	27744	28211	28423	28126	1.24	cps
Bismuth	209-1	2858170	2864392	2862006	2861523	0.11	cps
Bismuth	209-2	1259445	1291306	1298216	1282989	1.61	cps
Boron	10-1	2517	2667	2600	2595	2.90	cps
Boron	11-1	11939	12931	13507	12792	6.20	cps
Cadmium	111-1	50677	50522	50612	50604	0.15	cps
Cadmium	106-1	6327	6110	6026	6154	2.52	cps
Cadmium	108-1	3951	3596	3546	3698	5.96	cps
Calcium	43-1	50391	50767	50031	50396	0.73	cps
Calcium	44-1	827259	823558	821333	824050	0.36	cps
Chromium	52-2	56239	58441	58538	57739	2.25	cps
Cobalt	59-2	94736	94980	96715	95477	1.13	cps
Copper	63-2	145421	144579	147078	145692	0.87	cps
Dysprosium	156-1	33	50	33	39	24.75	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	25	25	0	17	86.60	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	4456955	4474843	4437822	4456540	0.42	cps
Holmium	165-2	1828472	1879903	1871309	1859894	1.48	cps
Indium	115-1	3580075	3544827	3549015	3557972	0.54	cps
Indium	115-2	529094	542619	548297	540003	1.83	cps
Iron	56-2	2084803	2115769	2166574	2122382	1.95	cps
Iron	57-2	51980	51863	51595	51813	0.38	cps
Lead	206-1	135103	131646	134300	133683	1.35	cps
Lead	207-1	119721	120808	119378	119969	0.62	cps
Lead	208-1	539612	534494	538472	537526	0.50	cps
Lithium	6-1	508980	514024	521793	514932	1.25	cps
Magnesium	24-2	315415	321377	325339	320710	1.56	cps
Manganese	55-2	48360	49457	50688	49502	2.35	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:54:38	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	376603	376014	372800	375139	0.55	cps
Molybdenum	95-1	457709	461628	459066	459468	0.43	cps
Molybdenum	96-1	502937	508714	510129	507260	0.75	cps
Molybdenum	97-1	284132	286181	286477	285597	0.45	cps
Molybdenum	98-1	727625	735812	732141	731860	0.56	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	26385	26238	26382	26335	0.32	cps
Phosphorus	31-2	1742	2009	1959	1903	7.45	cps
Potassium	39-2	144734	150250	152028	149004	2.55	cps
Rhodium	103-1	3325462	3351065	3383679	3353402	0.87	cps
Rhodium	103-2	1529529	1599612	1592215	1573785	2.45	cps
Scandium	45-1	2093420	2147650	2131973	2124347	1.31	cps
Scandium	45-2	80535	81340	83412	81762	1.82	cps
Selenium	77-2	73	93	123	97	26.04	cps
Selenium	78-2	334	384	364	361	6.98	cps
Selenium	82-1	3046	2982	3032	3020	1.12	cps
Silicon	28-1	1271611	1300652	1312927	1295063	1.64	cps
Silver	109-1	224696	225643	222578	224306	0.70	cps
Silver	107-1	233686	236609	233535	234610	0.74	cps
Sodium	23-2	697174	714429	717669	709757	1.55	cps
Strontium	86-1	56626	56450	57981	57019	1.47	cps
Strontium	88-1	505416	497303	495141	499287	1.08	cps
Sulfur	34-1	181577	181315	183275	182055	0.58	cps
Terbium	159-1	4584126	4600263	4651515	4611968	0.76	cps
Terbium	159-2	1831722	1920228	1907812	1886587	2.54	cps
Thallium	203-1	165294	165547	165497	165446	0.08	cps
Thallium	205-1	398060	391618	391646	393775	0.94	cps
Tin	118-1	142660	146737	146964	145454	1.67	cps
Titanium	47-1	117380	116959	114658	116332	1.26	cps
Uranium	238-1	489006	494383	488384	490591	0.67	cps
Vanadium	51-2	44641	45637	45403	45227	1.15	cps
Yttrium	89-1	3790908	3715818	3747917	3751548	1.00	cps
Yttrium	89-2	426889	439713	438061	434888	1.60	cps
Zinc	66-2	19601	20101	20582	20095	2.44	cps
Zirconium	90-1	308188	309831	305999	308006	0.62	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:54:38	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	68958	70130	67844	68977	1.66	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 13:58:36 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45716	48801	48726	47747	3.69	cps
Antimony	121-1	537699	537172	536525	537132	0.11	cps
Arsenic	75-2	17929	18353	18319	18200	1.29	cps
Barium	135-1	552531	545875	549254	549220	0.61	cps
Barium	137-1	959857	961671	961033	960854	0.10	cps
Beryllium	9-1	71901	71683	71326	71636	0.41	cps
Bismuth	209-1	2833757	2880747	2853985	2856163	0.83	cps
Bismuth	209-2	1200162	1260068	1260233	1240154	2.79	cps
Boron	10-1	6060	6643	6843	6516	6.25	cps
Boron	11-1	30951	32679	34401	32677	5.28	cps
Cadmium	111-1	126020	126625	127379	126674	0.54	cps
Cadmium	106-1	13607	13624	13691	13641	0.32	cps
Cadmium	108-1	8457	8770	8636	8621	1.82	cps
Calcium	43-1	126307	126390	125431	126043	0.42	cps
Calcium	44-1	2111973	2124551	2055847	2097457	1.74	cps
Chromium	52-2	136164	141785	142011	139987	2.37	cps
Cobalt	59-2	230275	236584	236234	234364	1.51	cps
Copper	63-2	352352	358447	358415	356405	0.98	cps
Dysprosium	156-1	0	42	17	19	107.85	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	25	8	8	14	69.31	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Gadolinium	160-2	10	0	17	9	94.38	cps
Holmium	165-1	4350200	4468840	4416872	4411971	1.35	cps
Holmium	165-2	1726228	1830784	1851743	1802918	3.73	cps
Indium	115-1	3532731	3553791	3504377	3530300	0.70	cps
Indium	115-2	498000	531051	529864	519639	3.61	cps
Iron	56-2	5067806	5210445	5225432	5167894	1.68	cps
Iron	57-2	125273	130469	129976	128573	2.23	cps
Lead	206-1	335719	341771	338105	338532	0.90	cps
Lead	207-1	299528	303430	300987	301315	0.65	cps
Lead	208-1	1349149	1362984	1356437	1356190	0.51	cps
Lithium	6-1	511750	526324	518100	518725	1.41	cps
Magnesium	24-2	773685	795557	795123	788122	1.59	cps
Manganese	55-2	120053	122087	121899	121346	0.93	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:58:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	938023	947908	950926	945619	0.71	cps
Molybdenum	95-1	1158911	1161387	1166275	1162191	0.32	cps
Molybdenum	96-1	1267059	1283325	1279219	1276534	0.66	cps
Molybdenum	97-1	709440	725508	727061	720669	1.35	cps
Molybdenum	98-1	1824042	1849382	1843426	1838950	0.72	cps
Neodymium	150-1	27	13	47	29	58.08	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	63916	64920	64512	64449	0.78	cps
Phosphorus	31-2	4009	3942	3676	3876	4.55	cps
Potassium	39-2	342687	350958	350554	348066	1.34	cps
Rhodium	103-1	3286860	3335014	3354480	3325452	1.05	cps
Rhodium	103-2	1445207	1566356	1518115	1509893	4.04	cps
Scandium	45-1	2159387	2208521	2151868	2173259	1.42	cps
Scandium	45-2	74764	81018	79429	78404	4.15	cps
Selenium	77-2	290	217	280	262	15.17	cps
Selenium	78-2	789	856	842	829	4.26	cps
Selenium	82-1	7577	7581	7766	7641	1.42	cps
Silicon	28-1	1406958	1422880	1437806	1422548	1.08	cps
Silver	109-1	563982	566703	566714	565800	0.28	cps
Silver	107-1	587362	590926	588500	588929	0.31	cps
Sodium	23-2	1691905	1720264	1723081	1711750	1.01	cps
Strontium	86-1	142966	144421	145297	144228	0.82	cps
Strontium	88-1	1248688	1253246	1257646	1253193	0.36	cps
Sulfur	34-1	206126	205237	206832	206065	0.39	cps
Terbium	159-1	4561143	4680547	4656663	4632784	1.36	cps
Terbium	159-2	1740977	1837286	1834904	1804389	3.04	cps
Thallium	203-1	416627	421469	420071	419389	0.59	cps
Thallium	205-1	999019	1007590	1001301	1002637	0.44	cps
Tin	118-1	365320	376720	367043	369694	1.66	cps
Titanium	47-1	290797	296491	296190	294493	1.09	cps
Uranium	238-1	1240214	1262242	1248901	1250452	0.89	cps
Vanadium	51-2	109433	111257	110982	110557	0.89	cps
Yttrium	89-1	3745646	3739984	3725239	3736956	0.28	cps
Yttrium	89-2	404928	428069	429596	420864	3.28	cps
Zinc	66-2	47210	48611	48351	48057	1.55	cps
Zirconium	90-1	781047	779022	771007	777025	0.68	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 13:58:36	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	173541	173357	171680	172859	0.59	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 14:02:31 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93867	98858	98506	97077	2.87	cps
Antimony	121-1	1064611	1071771	1081412	1072598	0.79	cps
Arsenic	75-2	35982	37845	37431	37086	2.64	cps
Barium	135-1	1093213	1099790	1106101	1099701	0.59	cps
Barium	137-1	1864214	1881904	1873524	1873214	0.47	cps
Beryllium	9-1	142272	142856	142093	142407	0.28	cps
Bismuth	209-1	2836070	2859657	2870964	2855563	0.62	cps
Bismuth	209-2	1292932	1167315	1310187	1256811	6.20	cps
Boron	10-1	12481	12622	13398	12834	3.85	cps
Boron	11-1	63432	64914	67249	65199	2.95	cps
Cadmium	111-1	246283	247548	248852	247561	0.52	cps
Cadmium	106-1	25558	26117	25875	25850	1.08	cps
Cadmium	108-1	17378	17666	17870	17638	1.40	cps
Calcium	43-1	250467	248822	251221	250170	0.49	cps
Calcium	44-1	4088766	3992207	4080837	4053937	1.32	cps
Chromium	52-2	277714	288408	287744	284622	2.11	cps
Cobalt	59-2	458728	482054	480558	473780	2.76	cps
Copper	63-2	704570	732431	731883	722961	2.20	cps
Dysprosium	156-1	8	58	42	36	70.51	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	33	8	17	19	65.47	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	17	33	42	31	41.66	cps
Gadolinium	160-2	20	3	3	9	108.30	cps
Holmium	165-1	4448029	4460277	4525946	4478084	0.94	cps
Holmium	165-2	1930326	1703301	1913804	1849144	6.84	cps
Indium	115-1	3515491	3540331	3498480	3518101	0.60	cps
Indium	115-2	542268	484277	539853	522133	6.28	cps
Iron	56-2	10041045	10591781	10508996	10380608	2.86	cps
Iron	57-2	252078	263774	262247	259366	2.45	cps
Lead	206-1	665561	674458	675130	671716	0.80	cps
Lead	207-1	593152	600809	595902	596621	0.65	cps
Lead	208-1	2686007	2703778	2709910	2699898	0.46	cps
Lithium	6-1	524336	524230	527039	525202	0.30	cps
Magnesium	24-2	1567675	1623992	1609159	1600275	1.82	cps
Manganese	55-2	236216	248467	246493	243726	2.70	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:02:31	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1856096	1848981	1865473	1856850	0.45	cps
Molybdenum	95-1	2272019	2320599	2300100	2297573	1.06	cps
Molybdenum	96-1	2486582	2517382	2551519	2518494	1.29	cps
Molybdenum	97-1	1410994	1416034	1408684	1411904	0.27	cps
Molybdenum	98-1	3588783	3556549	3633761	3593031	1.08	cps
Neodymium	150-1	47	27	93	56	61.58	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	127369	132234	133364	130989	2.43	cps
Phosphorus	31-2	7844	8303	7377	7841	5.90	cps
Potassium	39-2	671262	705010	700151	692141	2.64	cps
Rhodium	103-1	3282225	3219488	3239300	3247004	0.99	cps
Rhodium	103-2	1574988	1385353	1564544	1508295	7.07	cps
Scandium	45-1	2117395	2188458	2176359	2160737	1.76	cps
Scandium	45-2	82945	74215	82158	79773	6.05	cps
Selenium	77-2	483	427	493	468	7.69	cps
Selenium	78-2	1625	1646	1684	1652	1.81	cps
Selenium	82-1	15064	15179	14895	15046	0.95	cps
Silicon	28-1	1592534	1621404	1614611	1609517	0.94	cps
Silver	109-1	1090985	1114295	1103183	1102821	1.06	cps
Silver	107-1	1147717	1152412	1165902	1155344	0.82	cps
Sodium	23-2	3342848	3454331	3470595	3422591	2.03	cps
Strontium	86-1	281405	283387	287019	283937	1.00	cps
Strontium	88-1	2473340	2447501	2480161	2467001	0.70	cps
Sulfur	34-1	231838	236449	235032	234440	1.01	cps
Terbium	159-1	4637060	4598859	4650735	4628885	0.58	cps
Terbium	159-2	1921170	1703486	1883678	1836111	6.34	cps
Thallium	203-1	826469	824831	839443	830248	0.96	cps
Thallium	205-1	1959331	1986242	1986933	1977502	0.80	cps
Tin	118-1	730093	732325	740883	734434	0.78	cps
Titanium	47-1	580443	588957	597383	588927	1.44	cps
Uranium	238-1	2532044	2524144	2541175	2532454	0.34	cps
Vanadium	51-2	216611	229305	228600	224839	3.17	cps
Yttrium	89-1	3712700	3828716	3768213	3769876	1.54	cps
Yttrium	89-2	442512	396488	439974	426325	6.07	cps
Zinc	66-2	95163	99070	98083	97439	2.08	cps
Zirconium	90-1	1512208	1506175	1521461	1513281	0.51	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:02:31	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	339647	344282	336603	340177	1.14	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 14:06:20 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185683	193265	194211	191053	2.45	cps
Antimony	121-1	2152473	2131428	2106777	2130226	1.07	cps
Arsenic	75-2	71902	73688	74534	73375	1.83	cps
Barium	135-1	2132659	2155975	2158139	2148924	0.66	cps
Barium	137-1	3729015	3703310	3750209	3727512	0.63	cps
Beryllium	9-1	282501	282481	285103	283362	0.53	cps
Bismuth	209-1	2869624	2842843	2888768	2867078	0.80	cps
Bismuth	209-2	1263831	1290472	1304549	1286284	1.61	cps
Boron	10-1	25189	25740	27494	26141	4.60	cps
Boron	11-1	127058	131784	135570	131470	3.24	cps
Cadmium	111-1	489769	491209	494225	491734	0.46	cps
Cadmium	106-1	50695	49207	51967	50623	2.73	cps
Cadmium	108-1	34694	34736	34728	34720	0.06	cps
Calcium	43-1	502810	493971	494333	497038	1.01	cps
Calcium	44-1	7925534	8009612	7878320	7937822	0.84	cps
Chromium	52-2	548297	562279	571707	560761	2.10	cps
Cobalt	59-2	919039	938424	949737	935733	1.66	cps
Copper	63-2	1385975	1431406	1439125	1418835	2.02	cps
Dysprosium	156-1	50	25	25	33	43.30	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	8	50	0	19	137.78	cps
Gadolinium	160-2	10	17	23	17	39.99	cps
Holmium	165-1	4509304	4515999	4511311	4512204	0.08	cps
Holmium	165-2	1886831	1914102	1914382	1905105	0.83	cps
Indium	115-1	3480090	3497250	3468967	3482102	0.41	cps
Indium	115-2	518979	533378	539265	530540	1.97	cps
Iron	56-2	20201309	20453675	21055138	20570041	2.13	cps
Iron	57-2	498860	511327	522046	510745	2.27	cps
Lead	206-1	1352035	1343725	1333481	1343081	0.69	cps
Lead	207-1	1194896	1192255	1191982	1193044	0.13	cps
Lead	208-1	5451307	5455626	5467216	5458050	0.15	cps
Lithium	6-1	520280	521577	527804	523220	0.77	cps
Magnesium	24-2	3016110	3062765	3100000	3059625	1.37	cps
Manganese	55-2	474045	481909	490462	482138	1.70	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 14:06:20 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3664676	3729914	3631521	3675370	1.36	cps
Molybdenum	95-1	4573465	4533323	4621712	4576167	0.97	cps
Molybdenum	96-1	5027914	4943367	4990980	4987420	0.85	cps
Molybdenum	97-1	2790535	2800170	2786428	2792378	0.25	cps
Molybdenum	98-1	7089441	7074816	7157208	7107155	0.62	cps
Neodymium	150-1	107	107	107	107	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	250853	258303	259415	256190	1.82	cps
Phosphorus	31-2	15134	14766	15617	15172	2.81	cps
Potassium	39-2	1301016	1381346	1367188	1349850	3.18	cps
Rhodium	103-1	3245355	3281598	3265761	3264238	0.56	cps
Rhodium	103-2	1509812	1555160	1564216	1543063	1.89	cps
Scandium	45-1	2130204	2119150	2177514	2142289	1.45	cps
Scandium	45-2	78936	80957	82885	80926	2.44	cps
Selenium	77-2	917	937	1043	966	7.05	cps
Selenium	78-2	3191	3277	3267	3245	1.45	cps
Selenium	82-1	29971	29928	29827	29909	0.25	cps
Silicon	28-1	1908275	1959650	1948832	1938919	1.40	cps
Silver	109-1	2202124	2183586	2229146	2204952	1.04	cps
Silver	107-1	2248039	2268572	2290714	2269108	0.94	cps
Sodium	23-2	6523833	6653398	6723749	6633660	1.53	cps
Strontium	86-1	570170	566027	566263	567487	0.41	cps
Strontium	88-1	4857637	4852326	4905211	4871725	0.60	cps
Sulfur	34-1	293461	291187	292652	292433	0.39	cps
Terbium	159-1	4604821	4658171	4669350	4644114	0.74	cps
Terbium	159-2	1867287	1914089	1905577	1895651	1.32	cps
Thallium	203-1	1644413	1655809	1660078	1653433	0.49	cps
Thallium	205-1	3918166	3967566	3899218	3928317	0.90	cps
Tin	118-1	1454122	1460370	1462562	1459018	0.30	cps
Titanium	47-1	1165117	1165307	1178362	1169595	0.65	cps
Uranium	238-1	4952035	5014228	5058422	5008228	1.07	cps
Vanadium	51-2	436094	448833	455554	446827	2.21	cps
Yttrium	89-1	3757497	3732963	3778177	3756213	0.60	cps
Yttrium	89-2	424117	432434	440653	432401	1.91	cps
Zinc	66-2	187789	192678	193820	191429	1.67	cps
Zirconium	90-1	3036086	3022232	2963893	3007404	1.27	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:06:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	677520	682778	677239	679179	0.46	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:10:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	370302	378112	387126	378513	2.22	cps
Antimony	121-1	4130796	4141578	4196878	4156418	0.85	cps
Arsenic	75-2	141822	144983	148969	145258	2.47	cps
Barium	135-1	4207600	4209164	4223611	4213458	0.21	cps
Barium	137-1	7300552	7255967	7286750	7281090	0.31	cps
Beryllium	9-1	548944	561103	560024	556691	1.21	cps
Bismuth	209-1	2837391	2792384	2780287	2803354	1.07	cps
Bismuth	209-2	1259544	1272824	1310375	1280915	2.06	cps
Boron	10-1	51594	53425	54654	53224	2.89	cps
Boron	11-1	259224	263121	271841	264728	2.44	cps
Cadmium	111-1	968787	969033	969298	969039	0.03	cps
Cadmium	106-1	97315	97643	99062	98006	0.95	cps
Cadmium	108-1	68020	69280	68028	68443	1.06	cps
Calcium	43-1	974797	988540	986859	983399	0.76	cps
Calcium	44-1	15550321	15850265	15921087	15773891	1.25	cps
Chromium	52-2	1088519	1112453	1129085	1110019	1.84	cps
Cobalt	59-2	1826916	1849570	1865920	1847469	1.06	cps
Copper	63-2	2699127	2765733	2828138	2764332	2.33	cps
Dysprosium	156-1	58	83	67	69	18.33	cps
Dysprosium	156-2	0	17	7	8	107.84	cps
Erbium	164-1	42	8	33	28	62.46	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	17	42	42	33	43.30	cps
Gadolinium	160-2	7	10	17	11	45.82	cps
Holmium	165-1	4541879	4498509	4436819	4492402	1.18	cps
Holmium	165-2	1838540	1879691	1909635	1875955	1.90	cps
Indium	115-1	3455115	3440977	3374205	3423432	1.26	cps
Indium	115-2	504994	512502	530740	516079	2.57	cps
Iron	56-2	39816523	40869337	41295580	40660480	1.87	cps
Iron	57-2	990173	1011037	1032098	1011102	2.07	cps
Lead	206-1	2734084	2744818	2705559	2728154	0.74	cps
Lead	207-1	2422882	2438408	2424091	2428460	0.36	cps
Lead	208-1	10849650	10962608	10888337	10900198	0.53	cps
Lithium	6-1	525486	522843	526902	525077	0.39	cps
Magnesium	24-2	5942234	5982626	6194500	6039786	2.24	cps
Manganese	55-2	935749	957219	975369	956112	2.07	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:10:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7175070	7156773	7207806	7179883	0.36	cps
Molybdenum	95-1	8840306	8911948	8922696	8891650	0.50	cps
Molybdenum	96-1	9838866	9916500	9806954	9854106	0.57	cps
Molybdenum	97-1	5476350	5541968	5504693	5507670	0.60	cps
Molybdenum	98-1	14119785	14024758	14294896	14146479	0.97	cps
Neodymium	150-1	127	167	140	144	14.10	cps
Neodymium	150-2	10	13	0	8	89.21	cps
Nickel	60-2	494163	502118	513604	503295	1.94	cps
Phosphorus	31-2	28487	29807	30216	29504	3.06	cps
Potassium	39-2	2576948	2641499	2687071	2635172	2.10	cps
Rhodium	103-1	3204888	3181315	3151571	3179258	0.84	cps
Rhodium	103-2	1497200	1521348	1534279	1517609	1.24	cps
Scandium	45-1	2142345	2151376	2168172	2153964	0.61	cps
Scandium	45-2	79071	80344	84401	81272	3.43	cps
Selenium	77-2	1827	1903	1950	1893	3.29	cps
Selenium	78-2	6124	6307	6621	6351	3.96	cps
Selenium	82-1	58735	58888	58515	58713	0.32	cps
Silicon	28-1	2588209	2581528	2621319	2597019	0.82	cps
Silver	109-1	4295344	4312309	4267820	4291824	0.52	cps
Silver	107-1	4423481	4414826	4443344	4427217	0.33	cps
Sodium	23-2	13048151	13178795	13490872	13239273	1.72	cps
Strontium	86-1	1124798	1126161	1120604	1123854	0.26	cps
Strontium	88-1	9509968	9633578	9569419	9570988	0.65	cps
Sulfur	34-1	415922	412743	415912	414859	0.44	cps
Terbium	159-1	4686267	4638741	4578493	4634500	1.17	cps
Terbium	159-2	1850372	1891000	1957259	1899544	2.84	cps
Thallium	203-1	3305690	3262209	3325059	3297653	0.98	cps
Thallium	205-1	7602088	7617154	7569650	7596297	0.32	cps
Tin	118-1	2918408	2868140	2905466	2897338	0.90	cps
Titanium	47-1	2242535	2309100	2302452	2284696	1.60	cps
Uranium	238-1	9774758	9878102	9729367	9794076	0.78	cps
Vanadium	51-2	872558	883127	907898	887861	2.04	cps
Yttrium	89-1	3719849	3786877	3698482	3735069	1.23	cps
Yttrium	89-2	416514	427229	444208	429317	3.25	cps
Zinc	66-2	365266	373971	381806	373681	2.21	cps
Zirconium	90-1	5843225	5953887	5934476	5910529	1.00	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:10:05	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1356930	1359191	1355756	1357293	0.13	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:13:51	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2014110	2109856	2116253	2080073	2.75	cps
Antimony	121-1	5118	5310	5018	5148	2.88	cps
Arsenic	75-2	219	177	213	203	11.19	cps
Barium	135-1	717	583	692	664	10.68	cps
Barium	137-1	1017	1067	900	995	8.60	cps
Beryllium	9-1	144	111	94	117	21.82	cps
Bismuth	209-1	2707067	2673459	2744788	2708438	1.32	cps
Bismuth	209-2	1177524	1187818	1206556	1190632	1.24	cps
Boron	10-1	5359	5526	4843	5243	6.80	cps
Boron	11-1	27852	26826	24989	26556	5.46	cps
Cadmium	111-1	838	859	816	838	2.54	cps
Cadmium	106-1	1075	1067	1000	1047	3.93	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	5038111	5009930	5089829	5045957	0.80	cps
Calcium	44-1	83001360	83934021	84108308	83681230	0.71	cps
Chromium	52-2	2644	2924	2717	2761	5.26	cps
Cobalt	59-2	21310	22248	22411	21990	2.70	cps
Copper	63-2	2784	2884	2857	2841	1.82	cps
Dysprosium	156-1	42	42	67	50	28.87	cps
Dysprosium	156-2	30	13	20	21	39.75	cps
Erbium	164-1	25	8	58	31	83.33	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	83	67	42	64	32.83	cps
Gadolinium	160-2	20	20	30	23	24.74	cps
Holmium	165-1	4468546	4461384	4511086	4480339	0.60	cps
Holmium	165-2	1830625	1847905	1861613	1846714	0.84	cps
Indium	115-1	3428621	3407787	3467735	3434715	0.89	cps
Indium	115-2	507662	524737	532322	521574	2.42	cps
Iron	56-2	202765838	210189282	214185838	209046986	2.77	cps
Iron	57-2	5049620	5219724	5356938	5208760	2.96	cps
Lead	206-1	3189	3134	3195	3173	1.07	cps
Lead	207-1	2634	2928	2978	2847	6.54	cps
Lead	208-1	12453	12797	12797	12682	1.57	cps
Lithium	6-1	565657	567965	580652	571425	1.41	cps
Magnesium	24-2	30857501	31789551	32313178	31653410	2.33	cps
Manganese	55-2	2080	2150	2110	2114	1.66	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:13:51	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1717	1608	1842	1722	6.78	cps
Molybdenum	95-1	1725	1725	1525	1658	6.96	cps
Molybdenum	96-1	3025	3142	3309	3159	4.51	cps
Molybdenum	97-1	1125	1292	1067	1161	10.06	cps
Molybdenum	98-1	2559	2734	2609	2634	3.42	cps
Neodymium	150-1	87	53	80	73	24.06	cps
Neodymium	150-2	20	20	33	24	31.49	cps
Nickel	60-2	4561	4768	4931	4753	3.90	cps
Phosphorus	31-2	458	417	383	419	8.96	cps
Potassium	39-2	13239153	13713852	13979923	13644309	2.75	cps
Rhodium	103-1	3152050	3139281	3153122	3148151	0.24	cps
Rhodium	103-2	1440324	1478180	1477751	1465418	1.48	cps
Scandium	45-1	2231758	2254104	2280488	2255450	1.08	cps
Scandium	45-2	80012	83797	84190	82666	2.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	19	20	17	29.60	cps
Selenium	82-1	60	42	1	34	88.63	cps
Silicon	28-1	1300761	1316227	1312248	1309745	0.61	cps
Silver	109-1	2350	2642	4192	3062	32.34	cps
Silver	107-1	2509	2759	4943	3403	39.34	cps
Sodium	23-2	68250499	70451993	71340375	70014289	2.27	cps
Strontium	86-1	4893	4918	4843	4884	0.78	cps
Strontium	88-1	41998	41723	41388	41703	0.73	cps
Sulfur	34-1	171833	175374	176564	174590	1.41	cps
Terbium	159-1	4643091	4648049	4719078	4670073	0.91	cps
Terbium	159-2	1813203	1836489	1875167	1841620	1.70	cps
Thallium	203-1	383	500	450	444	13.17	cps
Thallium	205-1	1242	1092	1267	1200	7.89	cps
Tin	118-1	1058	858	1067	995	11.86	cps
Titanium	47-1	1017	1333	1042	1131	15.57	cps
Uranium	238-1	692	683	575	650	10.01	cps
Vanadium	51-2	140	210	200	183	20.65	cps
Yttrium	89-1	3777457	3760520	3764087	3767355	0.24	cps
Yttrium	89-2	422165	437129	444335	434543	2.60	cps
Zinc	66-2	2847	3020	3070	2979	3.93	cps
Zirconium	90-1	1642	2000	1708	1783	10.69	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:13:51	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	417	433	406	8.56	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 14:20:58 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9412	9695	9695	9601	1.71	cps
Antimony	121-1	851628	858144	854507	854760	0.38	cps
Arsenic	75-2	26980	28094	28717	27930	3.15	cps
Barium	135-1	87965	86297	88167	87476	1.17	cps
Barium	137-1	152173	154602	152352	153042	0.88	cps
Beryllium	9-1	56271	56700	57369	56780	0.97	cps
Bismuth	209-1	2955068	2835409	2791282	2860587	2.96	cps
Bismuth	209-2	1243922	1290015	1313097	1282345	2.75	cps
Boron	10-1	24279	23854	25373	24502	3.20	cps
Boron	11-1	120419	120748	128722	123296	3.81	cps
Cadmium	111-1	103782	103847	105492	104373	0.93	cps
Cadmium	106-1	16177	15926	16310	16138	1.21	cps
Cadmium	108-1	9437	9357	9316	9370	0.66	cps
Calcium	43-1	21776	22243	23103	22374	3.01	cps
Calcium	44-1	351442	349936	355859	352412	0.87	cps
Chromium	52-2	101376	107955	110384	106572	4.37	cps
Cobalt	59-2	174142	181194	187036	180791	3.57	cps
Copper	63-2	135078	142175	143976	140409	3.35	cps
Dysprosium	156-1	42	25	17	28	45.82	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	33	8	25	22	57.29	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	4595075	4369696	4339889	4434887	3.15	cps
Holmium	165-2	1796805	1851392	1856637	1834945	1.81	cps
Indium	115-1	3628702	3542049	3479685	3550145	2.11	cps
Indium	115-2	502992	520972	533481	519148	2.95	cps
Iron	56-2	765506	806901	827024	799810	3.92	cps
Iron	57-2	19202	19764	20710	19892	3.83	cps
Lead	206-1	549238	551192	550578	550336	0.18	cps
Lead	207-1	469130	473840	470711	471227	0.51	cps
Lead	208-1	2156594	2174141	2162239	2164324	0.41	cps
Lithium	6-1	562147	541024	552378	551850	1.92	cps
Magnesium	24-2	72627	74779	76757	74721	2.76	cps
Manganese	55-2	43240	45500	46182	44974	3.42	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:20:58	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3446785	3411568	3488235	3448863	1.11	cps
Molybdenum	95-1	4212405	4286516	4300018	4266313	1.11	cps
Molybdenum	96-1	4719841	4686260	4708271	4704791	0.36	cps
Molybdenum	97-1	2682785	2649070	2676492	2669449	0.67	cps
Molybdenum	98-1	6758674	6713206	6741333	6737737	0.34	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	49190	50334	52559	50694	3.38	cps
Phosphorus	31-2	350	417	367	378	9.19	cps
Potassium	39-2	106608	112135	115579	111441	4.06	cps
Rhodium	103-1	3528206	3311407	3250996	3363537	4.33	cps
Rhodium	103-2	1472356	1557878	1594822	1541685	4.07	cps
Scandium	45-1	2185186	2164970	2107864	2152673	1.86	cps
Scandium	45-2	76456	79670	82480	79535	3.79	cps
Selenium	77-2	350	317	343	337	5.24	cps
Selenium	78-2	1197	1308	1308	1271	5.04	cps
Selenium	82-1	12335	11989	12279	12201	1.52	cps
Silicon	28-1	1869914	1857758	1910144	1879272	1.46	cps
Silver	109-1	452618	450138	449149	450635	0.40	cps
Silver	107-1	468273	467249	466109	467210	0.23	cps
Sodium	23-2	269839	283641	289743	281075	3.63	cps
Strontium	86-1	568695	556740	574528	566654	1.60	cps
Strontium	88-1	4851611	4854409	4898692	4868237	0.54	cps
Sulfur	34-1	170990	168087	167657	168911	1.07	cps
Terbium	159-1	4832606	4636523	4523635	4664255	3.35	cps
Terbium	159-2	1801634	1845466	1909544	1852215	2.93	cps
Thallium	203-1	675901	681933	675658	677831	0.52	cps
Thallium	205-1	1615339	1588232	1598465	1600679	0.86	cps
Tin	118-1	1396825	1392128	1392618	1393857	0.19	cps
Titanium	47-1	1086978	1088975	1090075	1088676	0.14	cps
Uranium	238-1	4614541	4695928	4658260	4656243	0.87	cps
Vanadium	51-2	81190	85133	86605	84309	3.32	cps
Yttrium	89-1	3890851	3753355	3785710	3809972	1.89	cps
Yttrium	89-2	408007	423857	432954	421606	2.99	cps
Zinc	66-2	35733	37297	38152	37061	3.31	cps
Zirconium	90-1	2854242	2846955	2886159	2862452	0.73	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:20:58	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	638339	637955	641877	639391	0.34	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 14:28:47 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	50	25	28	75.51	cps
Antimony	121-1	158	100	142	133	22.54	cps
Arsenic	75-2	2	0	3	2	91.65	cps
Barium	135-1	8	25	17	17	50.01	cps
Barium	137-1	58	25	50	44	39.03	cps
Beryllium	9-1	44	28	44	39	24.75	cps
Bismuth	209-1	2988053	2934125	2978784	2966987	0.97	cps
Bismuth	209-2	1242594	1287533	1312857	1280995	2.78	cps
Boron	10-1	1408	1525	1450	1461	4.05	cps
Boron	11-1	7402	7319	7485	7402	1.13	cps
Cadmium	111-1	735	577	712	675	12.64	cps
Cadmium	106-1	1058	817	1017	964	13.40	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	450	567	425	481	15.73	cps
Calcium	44-1	9120	9378	10154	9551	5.63	cps
Chromium	52-2	417	373	403	398	5.58	cps
Cobalt	59-2	83	97	90	90	7.41	cps
Copper	63-2	710	677	607	664	7.94	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	8	25	33	22	57.29	cps
Gadolinium	160-2	17	10	7	11	45.82	cps
Holmium	165-1	4598847	4600611	4609088	4602848	0.12	cps
Holmium	165-2	1787409	1854165	1899028	1846867	3.04	cps
Indium	115-1	3723761	3723239	3655017	3700672	1.07	cps
Indium	115-2	507499	522870	538849	523072	3.00	cps
Iron	56-2	1878	2089	2422	2130	12.89	cps
Iron	57-2	28	39	50	39	28.57	cps
Lead	206-1	211	311	272	265	19.04	cps
Lead	207-1	217	228	294	246	17.08	cps
Lead	208-1	883	1106	1167	1052	14.18	cps
Lithium	6-1	566884	570695	567299	568293	0.37	cps
Magnesium	24-2	133	92	100	108	20.35	cps
Manganese	55-2	73	67	70	70	4.76	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:28:47	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	175	142	178	21.14	cps
Molybdenum	95-1	58	25	33	39	44.62	cps
Molybdenum	96-1	50	92	117	86	39.11	cps
Molybdenum	97-1	83	67	50	67	25.00	cps
Molybdenum	98-1	75	92	42	69	36.66	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	33	40	43	27.74	cps
Phosphorus	31-2	367	325	475	389	19.91	cps
Potassium	39-2	8978	9412	10246	9545	6.75	cps
Rhodium	103-1	3481191	3444057	3450507	3458585	0.57	cps
Rhodium	103-2	1486535	1545764	1596595	1542965	3.57	cps
Scandium	45-1	2179463	2195934	2199791	2191730	0.49	cps
Scandium	45-2	74928	77274	78980	77061	2.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	10	16	14	23.52	cps
Selenium	82-1	-37	-46	-6	-30	-70.32	cps
Silicon	28-1	1208865	1211949	1204346	1208387	0.32	cps
Silver	109-1	800	725	725	750	5.77	cps
Silver	107-1	642	683	717	681	5.52	cps
Sodium	23-2	5676	6010	5768	5818	2.96	cps
Strontium	86-1	450	375	358	394	12.38	cps
Strontium	88-1	142	75	133	117	31.14	cps
Sulfur	34-1	166730	167742	171015	168496	1.33	cps
Terbium	159-1	4867150	4882836	4765373	4838453	1.32	cps
Terbium	159-2	1784065	1858348	1896462	1846292	3.10	cps
Thallium	203-1	50	33	33	39	24.75	cps
Thallium	205-1	150	142	108	133	16.54	cps
Tin	118-1	258	308	200	256	21.22	cps
Titanium	47-1	675	700	558	644	11.73	cps
Uranium	238-1	58	8	8	25	115.49	cps
Vanadium	51-2	23	10	10	14	53.28	cps
Yttrium	89-1	3871355	3915257	3954153	3913588	1.06	cps
Yttrium	89-2	403451	418121	431911	417828	3.41	cps
Zinc	66-2	70	60	113	81	34.95	cps
Zirconium	90-1	292	267	300	286	6.06	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:28:47	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	33	58	61	47.90	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 14:33:32 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1571103	1595130	1658236	1608156	2.80	cps
Antimony	121-1	4918	4734	5301	4984	5.80	cps
Arsenic	75-2	46	44	38	43	9.76	cps
Barium	135-1	1250	1458	1250	1320	9.12	cps
Barium	137-1	2234	2325	2559	2373	7.06	cps
Beryllium	9-1	156	172	106	144	24.02	cps
Bismuth	209-1	2941155	2969257	2995065	2968492	0.91	cps
Bismuth	209-2	1206785	1250335	1272720	1243280	2.70	cps
Boron	10-1	1033	1033	942	1003	5.28	cps
Boron	11-1	4976	5076	4559	4870	5.63	cps
Cadmium	111-1	935	973	978	962	2.47	cps
Cadmium	106-1	933	908	1025	956	6.43	cps
Cadmium	108-1	479	542	604	542	11.54	cps
Calcium	43-1	966138	957625	959839	961201	0.46	cps
Calcium	44-1	15604274	15302737	15353023	15420011	1.05	cps
Chromium	52-2	20899	20582	22261	21247	4.20	cps
Cobalt	59-2	2097	2174	2147	2139	1.82	cps
Copper	63-2	10691	11054	11452	11066	3.44	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	17	33	58	36	58.07	cps
Gadolinium	160-2	10	3	27	13	90.16	cps
Holmium	165-1	4704633	4697956	4692506	4698365	0.13	cps
Holmium	165-2	1771563	1871164	1926139	1856289	4.22	cps
Indium	115-1	3637821	3621396	3609869	3623029	0.39	cps
Indium	115-2	491538	503462	520961	505320	2.93	cps
Iron	56-2	73933138	77087274	78825805	76615405	3.24	cps
Iron	57-2	1863031	1957032	2001210	1940424	3.64	cps
Lead	206-1	12634	12451	12706	12597	1.05	cps
Lead	207-1	10126	9720	9759	9869	2.27	cps
Lead	208-1	47001	46684	46667	46784	0.40	cps
Lithium	6-1	526925	527034	524557	526172	0.27	cps
Magnesium	24-2	5440285	5684684	5788114	5637694	3.17	cps
Manganese	55-2	3550	3494	3707	3584	3.08	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:33:32	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2047344	2066914	2089446	2067901	1.02	cps
Molybdenum	95-1	3629944	3673379	3691978	3665100	0.87	cps
Molybdenum	96-1	3818617	3851863	3896092	3855524	1.01	cps
Molybdenum	97-1	2248631	2244946	2280363	2257980	0.86	cps
Molybdenum	98-1	5657197	5773211	5711903	5714104	1.02	cps
Neodymium	150-1	20	27	13	20	33.35	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	2637	2814	2794	2748	3.52	cps
Phosphorus	31-2	130345	135693	137990	134676	2.91	cps
Potassium	39-2	4555076	4783426	4857817	4732107	3.33	cps
Rhodium	103-1	3313931	3308570	3299018	3307173	0.23	cps
Rhodium	103-2	1450054	1491372	1513708	1485045	2.17	cps
Scandium	45-1	2116964	2141496	2093392	2117284	1.14	cps
Scandium	45-2	73209	76872	79164	76415	3.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	12	12	9	11	15.75	cps
Selenium	82-1	-70	-12	28	-18	-275.27	cps
Silicon	28-1	1162302	1168877	1154864	1162014	0.60	cps
Silver	109-1	433	492	233	386	35.09	cps
Silver	107-1	408	383	408	400	3.61	cps
Sodium	23-2	12093424	12421741	12774382	12429849	2.74	cps
Strontium	86-1	40135	39424	39641	39733	0.92	cps
Strontium	88-1	345561	346179	348110	346616	0.38	cps
Sulfur	34-1	1387406	1425778	1380895	1398027	1.73	cps
Terbium	159-1	4867410	4865313	4839903	4857542	0.32	cps
Terbium	159-2	1765963	1850325	1898566	1838285	3.65	cps
Thallium	203-1	75	100	50	75	33.33	cps
Thallium	205-1	142	133	142	139	3.46	cps
Tin	118-1	625	775	692	697	10.78	cps
Titanium	47-1	904374	900930	902216	902507	0.19	cps
Uranium	238-1	167	200	200	189	10.19	cps
Vanadium	51-2	140	133	97	123	18.92	cps
Yttrium	89-1	3877384	3884677	3922645	3894902	0.62	cps
Yttrium	89-2	398553	416331	424256	413047	3.19	cps
Zinc	66-2	2084	2227	2364	2225	6.29	cps
Zirconium	90-1	458	325	400	394	16.94	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:33:32	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	83	100	94	10.18	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 14:37:07 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1540291	1668871	1639631	1616264	4.17	cps
Antimony	121-1	92485	93996	92636	93039	0.89	cps
Arsenic	75-2	2665	2808	2814	2762	3.05	cps
Barium	135-1	20416	20333	19857	20202	1.49	cps
Barium	137-1	34871	35197	35439	35169	0.81	cps
Beryllium	9-1	11171	10938	11299	11136	1.65	cps
Bismuth	209-1	2984823	2960520	2965164	2970169	0.43	cps
Bismuth	209-2	1195968	1250689	1275607	1240755	3.28	cps
Boron	10-1	3676	3692	3517	3628	2.66	cps
Boron	11-1	17761	18988	18145	18298	3.43	cps
Cadmium	111-1	21516	21390	21665	21524	0.64	cps
Cadmium	106-1	3542	3501	3617	3553	1.66	cps
Cadmium	108-1	2029	2163	2029	2074	3.71	cps
Calcium	43-1	946316	941171	938599	942029	0.42	cps
Calcium	44-1	14834360	14981732	15098853	14971648	0.89	cps
Chromium	52-2	41060	43501	43136	42566	3.09	cps
Cobalt	59-2	36916	37938	39228	38027	3.05	cps
Copper	63-2	36745	38540	39713	38333	3.90	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	7	17	10	11	45.82	cps
Erbium	164-1	50	25	25	33	43.30	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	33	25	67	42	52.92	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	4791979	4780302	4748834	4773705	0.47	cps
Holmium	165-2	1788478	1854728	1881491	1841566	2.60	cps
Indium	115-1	3625178	3681854	3639954	3648995	0.81	cps
Indium	115-2	486516	507966	522869	505784	3.61	cps
Iron	56-2	74713499	77121610	79165346	77000152	2.89	cps
Iron	57-2	1881972	1992815	2054196	1976328	4.42	cps
Lead	206-1	71774	71237	71461	71490	0.38	cps
Lead	207-1	58573	58244	57753	58190	0.71	cps
Lead	208-1	272825	275246	273018	273697	0.49	cps
Lithium	6-1	499408	499867	505719	501665	0.70	cps
Magnesium	24-2	5471893	5704403	5850961	5675752	3.37	cps
Manganese	55-2	11838	12739	12789	12456	4.30	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:37:07	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2275981	2281207	2272973	2276720	0.18	cps
Molybdenum	95-1	3804633	3800185	3795880	3800233	0.12	cps
Molybdenum	96-1	4079188	4043033	4068397	4063539	0.46	cps
Molybdenum	97-1	2332020	2365173	2353664	2350286	0.72	cps
Molybdenum	98-1	5918301	6017749	5939132	5958394	0.88	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	12269	12843	13397	12836	4.39	cps
Phosphorus	31-2	127789	132783	137091	132554	3.51	cps
Potassium	39-2	4595288	4779689	4927434	4767471	3.49	cps
Rhodium	103-1	3367925	3351857	3307448	3342410	0.94	cps
Rhodium	103-2	1447352	1506083	1535136	1496190	2.99	cps
Scandium	45-1	2029806	2069166	2049994	2049656	0.96	cps
Scandium	45-2	72589	75648	78212	75483	3.73	cps
Selenium	77-2	40	47	33	40	16.68	cps
Selenium	78-2	129	121	151	134	11.63	cps
Selenium	82-1	1218	1243	1149	1204	4.06	cps
Silicon	28-1	1195345	1218952	1203096	1205798	1.00	cps
Silver	109-1	87827	86787	87902	87505	0.71	cps
Silver	107-1	90788	91551	89605	90648	1.08	cps
Sodium	23-2	11974899	12667540	12895039	12512493	3.83	cps
Strontium	86-1	118905	119720	118863	119163	0.41	cps
Strontium	88-1	1040268	1040705	1033318	1038097	0.40	cps
Sulfur	34-1	1336145	1345532	1304188	1328621	1.63	cps
Terbium	159-1	4854307	4915300	4926618	4898742	0.79	cps
Terbium	159-2	1772555	1868852	1895278	1845562	3.50	cps
Thallium	203-1	68769	70352	70017	69713	1.20	cps
Thallium	205-1	168850	168682	165971	167834	0.96	cps
Tin	118-1	166970	168041	165317	166776	0.82	cps
Titanium	47-1	905176	908657	907298	907044	0.19	cps
Uranium	238-1	577302	578018	578725	578015	0.12	cps
Vanadium	51-2	16206	16934	17438	16859	3.67	cps
Yttrium	89-1	3914985	3954808	3908331	3926041	0.64	cps
Yttrium	89-2	393736	421677	424044	413152	4.08	cps
Zinc	66-2	5918	6101	6045	6021	1.56	cps
Zirconium	90-1	344221	347291	344781	345431	0.47	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:37:07	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	77411	75777	76649	76612	1.07	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:40:42	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	969224	1022216	1043826	1011755	3.79	cps
Antimony	121-1	2223331	2240855	2245238	2236475	0.52	cps
Arsenic	75-2	68728	72856	74055	71880	3.89	cps
Barium	135-1	2310204	2280846	2306710	2299253	0.70	cps
Barium	137-1	4018484	3971802	3973617	3987967	0.66	cps
Beryllium	9-1	275271	279575	283569	279472	1.48	cps
Bismuth	209-1	2930105	2923460	2910097	2921221	0.35	cps
Bismuth	209-2	1189661	1239844	1239457	1222987	2.36	cps
Boron	10-1	25198	26592	25982	25924	2.70	cps
Boron	11-1	126075	130962	129555	128864	1.95	cps
Cadmium	111-1	508643	509649	510902	509731	0.22	cps
Cadmium	106-1	52569	52536	51624	52243	1.03	cps
Cadmium	108-1	35839	35622	35417	35626	0.59	cps
Calcium	43-1	2354491	2364967	2404485	2374648	1.11	cps
Calcium	44-1	38241221	38952739	38870681	38688214	1.01	cps
Chromium	52-2	534024	554838	566056	551639	2.95	cps
Cobalt	59-2	888860	923844	940589	917765	2.88	cps
Copper	63-2	1312613	1362139	1387289	1354014	2.81	cps
Dysprosium	156-1	42	8	25	25	66.68	cps
Dysprosium	156-2	10	17	7	11	45.82	cps
Erbium	164-1	17	25	33	25	33.32	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	42	42	25	36	26.65	cps
Gadolinium	160-2	23	30	13	22	37.76	cps
Holmium	165-1	4758521	4765735	4814382	4779546	0.64	cps
Holmium	165-2	1792540	1881692	1913964	1862732	3.38	cps
Indium	115-1	3650232	3703574	3664566	3672791	0.75	cps
Indium	115-2	489571	510999	524319	508296	3.45	cps
Iron	56-2	95680513	101422177	102824355	99975682	3.79	cps
Iron	57-2	2432115	2597774	2614574	2548154	3.96	cps
Lead	206-1	1404968	1390766	1392086	1395940	0.56	cps
Lead	207-1	1253325	1240177	1240603	1244701	0.60	cps
Lead	208-1	5719104	5686701	5687593	5697799	0.32	cps
Lithium	6-1	513220	525905	525398	521508	1.38	cps
Magnesium	24-2	13923260	14684082	14724652	14443998	3.13	cps
Manganese	55-2	452591	477036	487722	472450	3.81	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:40:42	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3836789	3930158	3865198	3877382	1.23	cps
Molybdenum	95-1	4788471	4885059	4765075	4812869	1.32	cps
Molybdenum	96-1	5232909	5289121	5295287	5272439	0.65	cps
Molybdenum	97-1	2920085	2989279	2965730	2958365	1.19	cps
Molybdenum	98-1	7621378	7558854	7585212	7588481	0.41	cps
Neodymium	150-1	180	160	107	149	25.46	cps
Neodymium	150-2	17	10	13	13	25.01	cps
Nickel	60-2	239132	251898	253077	248036	3.12	cps
Phosphorus	31-2	13916	14967	15017	14633	4.25	cps
Potassium	39-2	6035286	6335535	6513344	6294722	3.84	cps
Rhodium	103-1	3335410	3315169	3388760	3346446	1.14	cps
Rhodium	103-2	1441770	1490089	1523587	1485149	2.77	cps
Scandium	45-1	2140201	2148764	2142429	2143798	0.21	cps
Scandium	45-2	74827	78410	81330	78189	4.17	cps
Selenium	77-2	863	993	880	912	7.75	cps
Selenium	78-2	2986	3185	3086	3085	3.23	cps
Selenium	82-1	31130	30682	30891	30901	0.72	cps
Silicon	28-1	1805882	1822636	1857941	1828820	1.45	cps
Silver	109-1	2221495	2283520	2275124	2260046	1.49	cps
Silver	107-1	2344922	2329446	2333679	2336016	0.34	cps
Sodium	23-2	30586303	32310021	32877932	31924752	3.74	cps
Strontium	86-1	603305	607734	601393	604144	0.54	cps
Strontium	88-1	5208368	5295009	5216636	5240004	0.91	cps
Sulfur	34-1	267471	267933	268177	267860	0.13	cps
Terbium	159-1	4937191	4980540	4941732	4953154	0.48	cps
Terbium	159-2	1819400	1842009	1903317	1854909	2.34	cps
Thallium	203-1	1725157	1758122	1737137	1740138	0.96	cps
Thallium	205-1	4127791	4064739	4054791	4082440	0.97	cps
Tin	118-1	1508624	1524632	1567892	1533716	2.00	cps
Titanium	47-1	1151240	1173668	1160890	1161933	0.97	cps
Uranium	238-1	5293330	5344544	5305715	5314530	0.50	cps
Vanadium	51-2	422120	442012	453469	439200	3.61	cps
Yttrium	89-1	3960902	4046738	3913353	3973664	1.70	cps
Yttrium	89-2	402352	423815	435460	420542	3.99	cps
Zinc	66-2	175734	185549	189200	183494	3.80	cps
Zirconium	90-1	3231263	3246923	3255771	3244653	0.38	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:40:42	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	716671	726259	727046	723325	0.80	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:46:32	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	75	83	86	14.78	cps
Antimony	121-1	217	225	250	231	7.52	cps
Arsenic	75-2	2	0	4	2	100.00	cps
Barium	135-1	33	33	25	31	15.74	cps
Barium	137-1	17	50	42	36	48.03	cps
Beryllium	9-1	50	22	39	37	37.75	cps
Bismuth	209-1	3034070	3010612	3014265	3019649	0.42	cps
Bismuth	209-2	1217437	1265710	1290219	1257788	2.94	cps
Boron	10-1	1350	1392	1158	1300	9.57	cps
Boron	11-1	6602	7069	6352	6674	5.45	cps
Cadmium	111-1	703	656	656	672	4.00	cps
Cadmium	106-1	1000	925	942	956	4.12	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	442	508	450	467	7.78	cps
Calcium	44-1	8911	9920	9287	9373	5.44	cps
Chromium	52-2	450	390	407	416	7.45	cps
Cobalt	59-2	63	70	87	73	16.39	cps
Copper	63-2	617	733	623	658	9.96	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	33	50	25	36	35.25	cps
Gadolinium	160-2	3	17	17	12	63.01	cps
Holmium	165-1	4707003	4715722	4671262	4697996	0.50	cps
Holmium	165-2	1744509	1843433	1863940	1817294	3.51	cps
Indium	115-1	3705751	3759201	3709495	3724815	0.80	cps
Indium	115-2	496556	516340	527534	513477	3.05	cps
Iron	56-2	2317	2128	2261	2235	4.34	cps
Iron	57-2	94	44	72	70	35.60	cps
Lead	206-1	389	406	433	409	5.49	cps
Lead	207-1	311	461	489	420	22.75	cps
Lead	208-1	1583	1806	1889	1759	8.98	cps
Lithium	6-1	531315	534631	531362	532436	0.36	cps
Magnesium	24-2	208	142	142	164	23.49	cps
Manganese	55-2	53	47	50	50	6.66	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:46:32	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150	158	150	153	3.15	cps
Molybdenum	95-1	67	67	92	75	19.24	cps
Molybdenum	96-1	142	75	142	119	32.23	cps
Molybdenum	97-1	158	100	92	117	31.14	cps
Molybdenum	98-1	133	150	67	117	37.80	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	63	37	46	33.79	cps
Phosphorus	31-2	367	283	325	325	12.82	cps
Potassium	39-2	10171	9920	10179	10090	1.46	cps
Rhodium	103-1	3430464	3487740	3497160	3471788	1.04	cps
Rhodium	103-2	1478550	1534810	1565350	1526236	2.88	cps
Scandium	45-1	2169690	2134409	2176359	2160152	1.04	cps
Scandium	45-2	72462	76218	79379	76019	4.55	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	22	14	10	15	39.85	cps
Selenium	82-1	-70	-25	-37	-44	-52.03	cps
Silicon	28-1	1192187	1165514	1200833	1186178	1.55	cps
Silver	109-1	367	400	367	378	5.09	cps
Silver	107-1	242	358	450	350	29.83	cps
Sodium	23-2	8469	8136	8644	8417	3.07	cps
Strontium	86-1	433	367	383	394	8.80	cps
Strontium	88-1	108	142	100	117	18.90	cps
Sulfur	34-1	154047	156556	158932	156512	1.56	cps
Terbium	159-1	4846559	4966085	4875036	4895893	1.28	cps
Terbium	159-2	1730584	1831648	1890981	1817738	4.46	cps
Thallium	203-1	75	67	117	86	31.11	cps
Thallium	205-1	225	258	292	258	12.90	cps
Tin	118-1	133	250	175	186	31.77	cps
Titanium	47-1	675	608	608	631	6.11	cps
Uranium	238-1	17	83	42	47	71.32	cps
Vanadium	51-2	10	7	3	7	50.03	cps
Yttrium	89-1	3895361	3967283	3984492	3949045	1.20	cps
Yttrium	89-2	394429	414530	423285	410748	3.60	cps
Zinc	66-2	50	40	43	44	11.46	cps
Zirconium	90-1	300	333	300	311	6.19	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:46:32	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	83	108	89	19.52	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:50:11	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	375	442	400	406	8.30	cps
Antimony	121-1	8044	8103	7477	7875	4.39	cps
Arsenic	75-2	108	135	144	129	14.52	cps
Barium	135-1	8561	8211	8269	8347	2.25	cps
Barium	137-1	14258	14016	14083	14119	0.88	cps
Beryllium	9-1	472	417	578	489	16.74	cps
Bismuth	209-1	3070029	3022800	3014081	3035637	0.99	cps
Bismuth	209-2	1202251	1300236	1315033	1272507	4.82	cps
Boron	10-1	1984	2159	1867	2003	7.33	cps
Boron	11-1	9212	9228	9445	9295	1.40	cps
Cadmium	111-1	1581	1688	1591	1620	3.65	cps
Cadmium	106-1	950	1067	1000	1006	5.82	cps
Cadmium	108-1	54	83	54	64	26.35	cps
Calcium	43-1	4709	4934	4776	4806	2.41	cps
Calcium	44-1	82852	81302	81486	81880	1.03	cps
Chromium	52-2	2514	2347	2424	2428	3.44	cps
Cobalt	59-2	1577	1623	1603	1601	1.46	cps
Copper	63-2	2764	3217	3047	3009	7.61	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	7	0	13	7	99.98	cps
Erbium	164-1	17	33	0	17	99.99	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Holmium	165-1	4710567	4649309	4633999	4664625	0.87	cps
Holmium	165-2	1715412	1891733	1918620	1841922	5.99	cps
Indium	115-1	3777636	3801521	3761563	3780240	0.53	cps
Indium	115-2	483053	532158	543044	519419	6.15	cps
Iron	56-2	37734	39729	39846	39103	3.03	cps
Iron	57-2	872	811	1095	926	16.10	cps
Lead	206-1	2806	2862	2878	2849	1.33	cps
Lead	207-1	2350	2511	2389	2417	3.48	cps
Lead	208-1	11080	11525	11258	11287	1.98	cps
Lithium	6-1	539314	536944	541874	539377	0.46	cps
Magnesium	24-2	26993	28329	28580	27967	3.05	cps
Manganese	55-2	473	493	583	517	11.34	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:50:11	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7311	7027	7402	7247	2.70	cps
Molybdenum	95-1	8911	9087	8970	8989	0.99	cps
Molybdenum	96-1	9704	9470	9620	9598	1.23	cps
Molybdenum	97-1	5476	5635	5360	5490	2.52	cps
Molybdenum	98-1	13991	14550	13599	14047	3.40	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	453	523	510	496	7.50	cps
Phosphorus	31-2	342	525	367	411	24.18	cps
Potassium	39-2	30559	32914	32196	31890	3.79	cps
Rhodium	103-1	3530648	3486849	3523505	3513667	0.67	cps
Rhodium	103-2	1442077	1573356	1607797	1541077	5.67	cps
Scandium	45-1	2164371	2193637	2112661	2156890	1.90	cps
Scandium	45-2	71715	79020	79348	76695	5.63	cps
Selenium	77-2	3	17	20	13	66.16	cps
Selenium	78-2	39	35	42	39	9.08	cps
Selenium	82-1	262	289	272	274	4.93	cps
Silicon	28-1	1192499	1219800	1218785	1210361	1.28	cps
Silver	109-1	4851	4401	5051	4768	6.99	cps
Silver	107-1	5676	5168	4784	5209	8.59	cps
Sodium	23-2	62755	64094	65852	64233	2.42	cps
Strontium	86-1	1317	1417	1433	1389	4.54	cps
Strontium	88-1	9303	8778	8319	8800	5.59	cps
Sulfur	34-1	159382	158958	159220	159186	0.13	cps
Terbium	159-1	4913705	4913081	4854757	4893848	0.69	cps
Terbium	159-2	1727850	1876398	1919864	1841371	5.47	cps
Thallium	203-1	2942	2967	3059	2989	2.06	cps
Thallium	205-1	7252	7411	6960	7208	3.17	cps
Tin	118-1	13883	14091	14392	14122	1.81	cps
Titanium	47-1	2984	2950	2609	2848	7.29	cps
Uranium	238-1	8887	8703	8678	8756	1.30	cps
Vanadium	51-2	3817	3844	4057	3906	3.37	cps
Yttrium	89-1	3949578	4020109	3978767	3982818	0.89	cps
Yttrium	89-2	387204	422708	433244	414385	5.82	cps
Zinc	66-2	407	350	507	421	18.84	cps
Zirconium	90-1	7044	6652	6919	6872	2.92	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 14:50:11	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1483	1583	1508	1525	3.41	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120017BL	Instrumnet Name :	P8
Client Sample ID :	PB120017BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:04:04	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	25	39	32.73	cps
Antimony	121-1	67	58	8	44	70.99	cps
Arsenic	75-2	0	3	1	1	114.56	cps
Barium	135-1	25	8	33	22	57.29	cps
Barium	137-1	33	42	17	31	41.66	cps
Beryllium	9-1	6	28	17	17	66.65	cps
Bismuth	209-1	2976177	2928838	3023296	2976104	1.59	cps
Bismuth	209-2	1254361	1292997	1315500	1287619	2.40	cps
Boron	10-1	433	350	483	422	15.95	cps
Boron	11-1	1959	2134	1984	2025	4.67	cps
Cadmium	111-1	735	554	625	638	14.31	cps
Cadmium	106-1	1058	783	892	911	15.20	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	517	433	492	481	8.90	cps
Calcium	44-1	8553	8861	9045	8820	2.82	cps
Chromium	52-2	380	473	483	446	12.79	cps
Cobalt	59-2	70	90	107	89	20.65	cps
Copper	63-2	460	420	493	458	8.02	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	33	31	41.66	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	33	25	42	33	25.01	cps
Gadolinium	160-2	3	13	3	7	86.65	cps
Holmium	165-1	4611492	4592480	4762466	4655479	2.00	cps
Holmium	165-2	1822195	1848320	1919394	1863303	2.70	cps
Indium	115-1	3593277	3655540	3813214	3687343	3.07	cps
Indium	115-2	508013	524309	538932	523751	2.95	cps
Iron	56-2	1700	1750	1945	1798	7.18	cps
Iron	57-2	50	89	50	63	35.66	cps
Lead	206-1	222	167	244	211	18.98	cps
Lead	207-1	206	161	156	174	15.74	cps
Lead	208-1	783	811	883	826	6.25	cps
Lithium	6-1	506524	510091	518977	511864	1.25	cps
Magnesium	24-2	150	92	83	108	33.53	cps
Manganese	55-2	63	60	77	67	13.23	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120017BL	Instrumnet Name :	P8
Client Sample ID :	PB120017BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:04:04	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	100	117	92	103	12.39	cps
Molybdenum	95-1	17	0	25	14	91.65	cps
Molybdenum	96-1	83	25	83	64	52.72	cps
Molybdenum	97-1	42	108	83	78	43.30	cps
Molybdenum	98-1	42	17	33	31	41.66	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	43	33	39	13.09	cps
Phosphorus	31-2	233	383	367	328	25.08	cps
Potassium	39-2	9870	9487	9920	9759	2.43	cps
Rhodium	103-1	3433186	3472860	3520618	3475555	1.26	cps
Rhodium	103-2	1493081	1577775	1611307	1560721	3.90	cps
Scandium	45-1	2084830	2089194	2144420	2106148	1.58	cps
Scandium	45-2	75333	78253	79620	77735	2.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	14	14	17	15	11.55	cps
Selenium	82-1	-7	19	18	10	146.81	cps
Silicon	28-1	1181631	1182359	1197803	1187264	0.77	cps
Silver	109-1	150	108	42	100	54.64	cps
Silver	107-1	225	150	108	161	36.70	cps
Sodium	23-2	4809	5251	5226	5095	4.87	cps
Strontium	86-1	558	375	458	464	19.79	cps
Strontium	88-1	100	50	75	75	33.33	cps
Sulfur	34-1	158698	161124	162701	160841	1.25	cps
Terbium	159-1	4774611	4804839	4926618	4835356	1.66	cps
Terbium	159-2	1803987	1887943	1906192	1866041	2.92	cps
Thallium	203-1	67	33	67	56	34.65	cps
Thallium	205-1	142	108	100	117	18.90	cps
Tin	118-1	183	133	92	136	33.72	cps
Titanium	47-1	700	608	725	678	9.06	cps
Uranium	238-1	25	8	8	14	69.31	cps
Vanadium	51-2	20	7	17	14	48.02	cps
Yttrium	89-1	3877640	3939647	3998790	3938692	1.54	cps
Yttrium	89-2	405330	420677	433697	419901	3.38	cps
Zinc	66-2	43	73	70	62	26.43	cps
Zirconium	90-1	308	350	392	350	11.91	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120017BL	Instrumnet Name :	P8
Client Sample ID :	PB120017BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:04:04	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	42	25	75	47	53.91	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120017BS	Instrumnet Name :	P8
Client Sample ID :	PB120017BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:07:42	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	174888	181320	188274	181494	3.69	cps
Antimony	121-1	2274308	2253971	2230208	2252829	0.98	cps
Arsenic	75-2	68559	72049	73798	71469	3.73	cps
Barium	135-1	2308690	2306060	2326115	2313621	0.47	cps
Barium	137-1	3945747	3903759	3977845	3942450	0.94	cps
Beryllium	9-1	281439	281050	282199	281563	0.21	cps
Bismuth	209-1	3025609	2953160	2982987	2987252	1.22	cps
Bismuth	209-2	1247674	1292342	1302636	1280884	2.28	cps
Boron	10-1	23136	24789	25373	24432	4.75	cps
Boron	11-1	119470	122191	127049	122903	3.12	cps
Cadmium	111-1	526391	524440	524062	524965	0.24	cps
Cadmium	106-1	53565	52728	54896	53729	2.03	cps
Cadmium	108-1	37335	36194	36988	36839	1.59	cps
Calcium	43-1	493127	501171	501911	498737	0.98	cps
Calcium	44-1	8054377	7988288	8104621	8049095	0.72	cps
Chromium	52-2	521320	548503	559509	543111	3.62	cps
Cobalt	59-2	880421	928862	939350	916211	3.43	cps
Copper	63-2	1349577	1402697	1435006	1395760	3.09	cps
Dysprosium	156-1	50	58	25	44	39.03	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	25	25	42	31	31.50	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	4776202	4743419	4799504	4773042	0.59	cps
Holmium	165-2	1841351	1932115	1932249	1901905	2.76	cps
Indium	115-1	3752118	3767060	3747272	3755484	0.27	cps
Indium	115-2	500616	520434	526702	515918	2.64	cps
Iron	56-2	19113182	20262032	20511019	19962077	3.74	cps
Iron	57-2	478027	501103	509793	496308	3.31	cps
Lead	206-1	1427191	1412827	1406898	1415639	0.74	cps
Lead	207-1	1267946	1241396	1252137	1253826	1.07	cps
Lead	208-1	5813834	5705932	5742808	5754191	0.95	cps
Lithium	6-1	540491	537462	543606	540520	0.57	cps
Magnesium	24-2	2876490	2990091	3052161	2972914	3.00	cps
Manganese	55-2	445778	468506	478063	464116	3.57	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120017BS	Instrumnet Name :	P8
Client Sample ID :	PB120017BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:07:42	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3957652	3883667	3865865	3902395	1.25	cps
Molybdenum	95-1	4922701	4903358	4911051	4912370	0.20	cps
Molybdenum	96-1	5403641	5334223	5326929	5354931	0.79	cps
Molybdenum	97-1	3036892	3008377	3004879	3016716	0.58	cps
Molybdenum	98-1	7645904	7493660	7570698	7570087	1.01	cps
Neodymium	150-1	120	67	93	93	28.57	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	241509	254049	258387	251315	3.49	cps
Phosphorus	31-2	14049	14616	15142	14602	3.74	cps
Potassium	39-2	1225514	1300839	1329803	1285385	4.19	cps
Rhodium	103-1	3474609	3494223	3499354	3489395	0.37	cps
Rhodium	103-2	1474371	1546524	1566270	1529055	3.16	cps
Scandium	45-1	2148402	2157438	2261678	2189172	2.88	cps
Scandium	45-2	75702	79292	79774	78256	2.84	cps
Selenium	77-2	893	907	943	914	2.83	cps
Selenium	78-2	3039	3156	3257	3150	3.46	cps
Selenium	82-1	31683	31554	31735	31657	0.30	cps
Silicon	28-1	1863131	1860914	1898917	1874321	1.14	cps
Silver	109-1	2329498	2369659	2326693	2341950	1.03	cps
Silver	107-1	2438994	2376129	2425711	2413611	1.37	cps
Sodium	23-2	6278568	6489936	6548835	6439113	2.21	cps
Strontium	86-1	611091	607490	601960	606847	0.76	cps
Strontium	88-1	5251331	5169126	5165660	5195372	0.93	cps
Sulfur	34-1	283308	284249	283988	283848	0.17	cps
Terbium	159-1	4965166	4915803	5046906	4975958	1.33	cps
Terbium	159-2	1849979	1914653	1906595	1890409	1.86	cps
Thallium	203-1	1753163	1773817	1755488	1760823	0.64	cps
Thallium	205-1	4226895	4140905	4149655	4172485	1.13	cps
Tin	118-1	1550215	1565110	1549969	1555098	0.56	cps
Titanium	47-1	1171821	1176830	1183529	1177393	0.50	cps
Uranium	238-1	5273590	5251756	5251317	5258888	0.24	cps
Vanadium	51-2	415694	434491	444271	431485	3.37	cps
Yttrium	89-1	4020333	4076950	4030553	4042612	0.75	cps
Yttrium	89-2	409914	429748	430439	423367	2.75	cps
Zinc	66-2	179373	189393	191856	186874	3.54	cps
Zirconium	90-1	3276299	3263762	3202637	3247566	1.21	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120017BS	Instrumnet Name :	P8
Client Sample ID :	PB120017BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:07:42	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	735685	722163	724135	727328	1.00	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01	Instrumnet Name :	P8
Client Sample ID :	390515075	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:11:36	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	117	167	106	63.82	cps
Antimony	121-1	400	350	325	358	10.66	cps
Arsenic	75-2	260	253	237	250	4.72	cps
Barium	135-1	664331	667689	670110	667377	0.43	cps
Barium	137-1	1171582	1169328	1172854	1171254	0.15	cps
Beryllium	9-1	39	39	39	39	0.00	cps
Bismuth	209-1	2984878	3009731	3007198	3000602	0.46	cps
Bismuth	209-2	1202556	1306590	1243045	1250730	4.19	cps
Boron	10-1	5251	5501	4876	5209	6.04	cps
Boron	11-1	25682	26233	26358	26091	1.38	cps
Cadmium	111-1	618	758	539	638	17.33	cps
Cadmium	106-1	875	1058	767	900	16.38	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	482537	484391	489397	485442	0.73	cps
Calcium	44-1	7698458	7816410	7954067	7822979	1.64	cps
Chromium	52-2	1117	1127	1127	1123	0.51	cps
Cobalt	59-2	87	113	77	92	20.55	cps
Copper	63-2	18696	19534	19721	19317	2.83	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	0	23	10	11	105.35	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	4680898	4709062	4683787	4691249	0.33	cps
Holmium	165-2	1764307	1887586	1802089	1817994	3.47	cps
Indium	115-1	3732327	3719269	3748985	3733527	0.40	cps
Indium	115-2	487551	534723	508596	510290	4.63	cps
Iron	56-2	8419	9248	8592	8753	4.99	cps
Iron	57-2	250	306	200	252	20.97	cps
Lead	206-1	944	1106	1106	1052	8.84	cps
Lead	207-1	833	1089	1011	978	13.40	cps
Lead	208-1	4039	4595	4350	4328	6.43	cps
Lithium	6-1	512711	511480	522798	515663	1.20	cps
Magnesium	24-2	440838	463213	481838	461963	4.44	cps
Manganese	55-2	223	197	213	211	6.38	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01	Instrumnet Name :	P8
Client Sample ID :	390515075	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:11:36	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	433	367	250	350	26.51	cps
Molybdenum	95-1	300	350	383	344	12.18	cps
Molybdenum	96-1	442	392	383	406	7.78	cps
Molybdenum	97-1	375	217	250	281	29.75	cps
Molybdenum	98-1	658	692	583	644	8.61	cps
Neodymium	150-1	33	67	27	42	50.76	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	67	70	83	73	12.02	cps
Phosphorus	31-2	392	408	358	386	6.59	cps
Potassium	39-2	53493	56480	58881	56285	4.80	cps
Rhodium	103-1	3442754	3435941	3487806	3455500	0.82	cps
Rhodium	103-2	1437285	1575545	1460574	1491134	4.96	cps
Scandium	45-1	2122923	2136497	2105992	2121804	0.72	cps
Scandium	45-2	72077	79251	75287	75538	4.76	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	14	24	21	20	26.09	cps
Selenium	82-1	7	-21	24	4	639.33	cps
Silicon	28-1	13808063	13708919	13702871	13739951	0.43	cps
Silver	109-1	242	208	217	222	7.81	cps
Silver	107-1	258	242	175	225	19.60	cps
Sodium	23-2	1513280	1557493	1628219	1566331	3.70	cps
Strontium	86-1	242442	243272	242534	242749	0.19	cps
Strontium	88-1	2135456	2139205	2124462	2133041	0.36	cps
Sulfur	34-1	185190	186996	186658	186281	0.52	cps
Terbium	159-1	4832346	4905767	4824876	4854330	0.92	cps
Terbium	159-2	1763508	1914642	1821387	1833179	4.16	cps
Thallium	203-1	150	117	67	111	37.75	cps
Thallium	205-1	258	275	258	264	3.65	cps
Tin	118-1	233	308	350	297	19.89	cps
Titanium	47-1	800	850	800	817	3.53	cps
Uranium	238-1	8928	8920	8245	8698	4.51	cps
Vanadium	51-2	5701	5881	6131	5905	3.66	cps
Yttrium	89-1	3948603	3956807	3952505	3952639	0.10	cps
Yttrium	89-2	391067	427396	408330	408931	4.44	cps
Zinc	66-2	1690	1670	2147	1836	14.69	cps
Zirconium	90-1	550	450	475	492	10.59	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01	Instrumnet Name :	P8
Client Sample ID :	390515075	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:11:36	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	125	75	106	25.38	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01DUP	Instrumnet Name :	P8
Client Sample ID :	390515075DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:15:14	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	92	58	72	24.02	cps
Antimony	121-1	192	242	200	211	12.69	cps
Arsenic	75-2	217	247	242	235	6.83	cps
Barium	135-1	673716	669298	673755	672256	0.38	cps
Barium	137-1	1174294	1171072	1173679	1173015	0.15	cps
Beryllium	9-1	17	17	50	28	69.27	cps
Bismuth	209-1	2994790	2992348	2979573	2988904	0.27	cps
Bismuth	209-2	1252558	1293811	1309069	1285146	2.27	cps
Boron	10-1	4726	4576	4551	4618	2.05	cps
Boron	11-1	23269	23712	23645	23542	1.01	cps
Cadmium	111-1	615	480	494	529	14.06	cps
Cadmium	106-1	883	692	692	756	14.65	cps
Cadmium	108-1	17	13	4	11	57.27	cps
Calcium	43-1	489185	488998	491340	489841	0.27	cps
Calcium	44-1	7798518	7789067	7813048	7800211	0.15	cps
Chromium	52-2	1023	1193	1140	1119	7.77	cps
Cobalt	59-2	90	93	113	99	12.77	cps
Copper	63-2	18356	19761	19457	19191	3.85	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Gadolinium	160-2	3	13	23	13	75.02	cps
Holmium	165-1	4608603	4691313	4657129	4652348	0.89	cps
Holmium	165-2	1832261	1891953	1915237	1879817	2.28	cps
Indium	115-1	3692640	3682753	3788952	3721448	1.58	cps
Indium	115-2	510189	532387	537911	526829	2.79	cps
Iron	56-2	8141	8242	8814	8399	4.32	cps
Iron	57-2	333	294	311	313	6.23	cps
Lead	206-1	1050	889	928	956	8.80	cps
Lead	207-1	772	911	756	813	10.51	cps
Lead	208-1	3756	3684	3711	3717	0.98	cps
Lithium	6-1	516331	519112	519221	518221	0.32	cps
Magnesium	24-2	442992	468436	468876	460101	3.22	cps
Manganese	55-2	160	173	163	166	4.19	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01DUP	Instrumnet Name :	P8
Client Sample ID :	390515075DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:15:14	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	367	325	317	336	7.97	cps
Molybdenum	95-1	358	375	275	336	15.94	cps
Molybdenum	96-1	333	475	383	397	18.09	cps
Molybdenum	97-1	275	250	183	236	20.07	cps
Molybdenum	98-1	508	483	583	525	9.91	cps
Neodymium	150-1	47	20	40	36	39.03	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	103	90	70	88	19.11	cps
Phosphorus	31-2	375	275	400	350	18.90	cps
Potassium	39-2	52958	56706	58706	56123	5.20	cps
Rhodium	103-1	3450276	3477941	3467185	3465134	0.40	cps
Rhodium	103-2	1503192	1558229	1580641	1547354	2.58	cps
Scandium	45-1	2145881	2187024	2148012	2160306	1.07	cps
Scandium	45-2	73370	78142	79912	77141	4.39	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	17	19	15	17	11.76	cps
Selenium	82-1	6	15	13	11	44.62	cps
Silicon	28-1	13968575	13954763	14281884	14068407	1.32	cps
Silver	109-1	125	158	192	158	21.05	cps
Silver	107-1	150	158	108	139	19.29	cps
Sodium	23-2	1505531	1577070	1607496	1563366	3.35	cps
Strontium	86-1	243400	241079	244028	242836	0.64	cps
Strontium	88-1	2102129	2125932	2118109	2115390	0.57	cps
Sulfur	34-1	184887	182969	183812	183889	0.52	cps
Terbium	159-1	4916895	4906460	4879370	4900908	0.40	cps
Terbium	159-2	1809086	1904122	1885305	1866171	2.70	cps
Thallium	203-1	92	67	83	81	15.80	cps
Thallium	205-1	108	100	175	128	32.17	cps
Tin	118-1	242	367	267	292	22.68	cps
Titanium	47-1	608	817	733	719	14.58	cps
Uranium	238-1	8411	8528	9062	8667	4.00	cps
Vanadium	51-2	5778	5838	6141	5919	3.29	cps
Yttrium	89-1	3909851	3926884	3972737	3936490	0.83	cps
Yttrium	89-2	404974	426665	433682	421774	3.55	cps
Zinc	66-2	1737	1897	1994	1876	6.91	cps
Zirconium	90-1	350	333	442	375	15.56	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01DUP	Instrumnet Name :	P8
Client Sample ID :	390515075DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:15:14	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	58	75	64	15.06	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01LX5	Instrumnet Name :	P8
Client Sample ID :	390515075L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 15:18:51	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	42	39	12.38	cps
Antimony	121-1	83	108	133	108	23.08	cps
Arsenic	75-2	64	50	48	54	16.15	cps
Barium	135-1	132649	130479	134062	132396	1.36	cps
Barium	137-1	231628	229705	230825	230719	0.42	cps
Beryllium	9-1	22	22	22	22	0.00	cps
Bismuth	209-1	3051985	3013329	3024067	3029794	0.66	cps
Bismuth	209-2	1255861	1301820	1384019	1313900	4.94	cps
Boron	10-1	1608	1700	1700	1670	3.17	cps
Boron	11-1	8519	8219	8611	8450	2.43	cps
Cadmium	111-1	648	653	773	691	10.17	cps
Cadmium	106-1	917	933	1092	981	9.85	cps
Cadmium	108-1	8	0	0	3	173.21	cps
Calcium	43-1	96724	96874	97286	96961	0.30	cps
Calcium	44-1	1570171	1600146	1594295	1588204	1.00	cps
Chromium	52-2	527	503	613	548	10.58	cps
Cobalt	59-2	73	47	43	54	30.20	cps
Copper	63-2	4204	4354	4344	4301	1.95	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	0	0	0	0	0.00	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	58	83	17	53	63.81	cps
Gadolinium	160-2	7	10	0	6	91.64	cps
Holmium	165-1	4721621	4709737	4723818	4718392	0.16	cps
Holmium	165-2	1825377	1911617	2007515	1914837	4.76	cps
Indium	115-1	3738604	3734998	3726762	3733455	0.16	cps
Indium	115-2	508091	529309	565324	534242	5.42	cps
Iron	56-2	3478	3651	3339	3489	4.47	cps
Iron	57-2	50	94	61	69	33.76	cps
Lead	206-1	333	378	256	322	19.20	cps
Lead	207-1	217	194	261	224	15.15	cps
Lead	208-1	1128	1244	1300	1224	7.18	cps
Lithium	6-1	519113	515573	522142	518943	0.63	cps
Magnesium	24-2	88013	93624	94857	92164	3.96	cps
Manganese	55-2	77	63	57	66	15.54	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01LX5	Instrumnet Name :	P8
Client Sample ID :	390515075L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 15:18:51	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	150	183	156	16.37	cps
Molybdenum	95-1	92	67	83	81	15.80	cps
Molybdenum	96-1	158	117	167	147	18.20	cps
Molybdenum	97-1	58	183	117	119	52.37	cps
Molybdenum	98-1	75	200	92	122	55.53	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	57	60	63	60	5.55	cps
Phosphorus	31-2	467	375	325	389	18.48	cps
Potassium	39-2	17979	18871	19773	18874	4.75	cps
Rhodium	103-1	3527200	3493860	3463309	3494790	0.91	cps
Rhodium	103-2	1509438	1557103	1677094	1581212	5.46	cps
Scandium	45-1	2169495	2176428	2151186	2165703	0.60	cps
Scandium	45-2	74446	77666	84473	78861	6.49	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	12	17	23	17	31.77	cps
Selenium	82-1	-101	5	-92	-63	-94.45	cps
Silicon	28-1	3717140	3745999	3752496	3738545	0.50	cps
Silver	109-1	108	75	125	103	24.77	cps
Silver	107-1	175	150	125	150	16.67	cps
Sodium	23-2	305230	319919	325289	316813	3.28	cps
Strontium	86-1	47759	49239	48612	48537	1.53	cps
Strontium	88-1	416557	417655	417154	417122	0.13	cps
Sulfur	34-1	153314	155866	156566	155249	1.10	cps
Terbium	159-1	4921800	4930362	4915837	4922666	0.15	cps
Terbium	159-2	1838618	1870293	2015256	1908056	4.94	cps
Thallium	203-1	50	50	42	47	10.18	cps
Thallium	205-1	150	133	167	150	11.11	cps
Tin	118-1	225	200	200	208	6.93	cps
Titanium	47-1	758	600	650	669	12.09	cps
Uranium	238-1	2084	1683	1684	1817	12.71	cps
Vanadium	51-2	1070	1137	1193	1133	5.45	cps
Yttrium	89-1	3959782	3979902	3988746	3976144	0.37	cps
Yttrium	89-2	401607	424795	447327	424576	5.38	cps
Zinc	66-2	413	407	437	419	3.76	cps
Zirconium	90-1	292	258	383	311	20.81	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01LX5	Instrumnet Name :	P8
Client Sample ID :	390515075L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 15:18:51	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	33	108	108	83	51.97	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01MS	Instrumnet Name :	P8
Client Sample ID :	390515075MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:22:29	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32797	35361	35077	34412	4.09	cps
Antimony	121-1	3384936	3387019	3367891	3379949	0.31	cps
Arsenic	75-2	107558	112273	113767	111199	2.91	cps
Barium	135-1	845339	849821	843613	846258	0.38	cps
Barium	137-1	1481910	1484442	1490292	1485548	0.29	cps
Beryllium	9-1	109165	110839	113784	111263	2.10	cps
Bismuth	209-1	2901324	2949121	2940641	2930362	0.87	cps
Bismuth	209-2	1226526	1172968	1243482	1214326	3.03	cps
Boron	10-1	18779	19138	20031	19316	3.34	cps
Boron	11-1	94175	98142	100835	97717	3.43	cps
Cadmium	111-1	201466	203569	204969	203335	0.87	cps
Cadmium	106-1	18805	18847	19656	19103	2.51	cps
Cadmium	108-1	13315	12952	13549	13272	2.26	cps
Calcium	43-1	490450	495519	505097	497022	1.50	cps
Calcium	44-1	7898302	8005779	8190664	8031581	1.84	cps
Chromium	52-2	417218	436092	439009	430773	2.75	cps
Cobalt	59-2	351444	366897	373284	363875	3.09	cps
Copper	63-2	425133	446345	447550	439676	2.87	cps
Dysprosium	156-1	137188	134930	136489	136203	0.85	cps
Dysprosium	156-2	13751	13490	14064	13768	2.09	cps
Erbium	164-1	42	58	67	56	22.91	cps
Erbium	164-2	23	7	10	13	66.12	cps
Gadolinium	160-1	42	83	83	69	34.64	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	4576599	4574212	4547034	4565949	0.36	cps
Holmium	165-2	1779726	1723399	1828614	1777246	2.96	cps
Indium	115-1	3491546	3523777	3568825	3528049	1.10	cps
Indium	115-2	479896	467112	492410	479806	2.64	cps
Iron	56-2	2332807	2451268	2473188	2419088	3.12	cps
Iron	57-2	56280	59984	61005	59090	4.21	cps
Lead	206-1	2858500	2926979	2878065	2887848	1.22	cps
Lead	207-1	2493855	2549721	2522659	2522078	1.11	cps
Lead	208-1	11355587	11566241	11453204	11458344	0.92	cps
Lithium	6-1	506817	511491	518871	512393	1.19	cps
Magnesium	24-2	566959	579551	594284	580264	2.36	cps
Manganese	55-2	86713	91517	91845	90025	3.19	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01MS	Instrumnet Name :	P8
Client Sample ID :	390515075MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:22:29	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	418216	417358	418366	417980	0.13	cps
Molybdenum	95-1	726608	734852	736655	732705	0.73	cps
Molybdenum	96-1	775731	782860	791593	783395	1.01	cps
Molybdenum	97-1	457202	458917	465208	460442	0.92	cps
Molybdenum	98-1	1172924	1167023	1181916	1173954	0.64	cps
Neodymium	150-1	67	53	47	56	18.33	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	243647	251103	254754	249835	2.27	cps
Phosphorus	31-2	8803	8444	8845	8697	2.53	cps
Potassium	39-2	531277	562730	566983	553664	3.52	cps
Rhodium	103-1	3282423	3281235	3340441	3301366	1.03	cps
Rhodium	103-2	1465419	1423800	1472894	1454038	1.82	cps
Scandium	45-1	2082296	2098098	2136261	2105551	1.32	cps
Scandium	45-2	71926	71129	74342	72465	2.31	cps
Selenium	77-2	3474	3744	3824	3681	4.98	cps
Selenium	78-2	11823	12148	12535	12169	2.93	cps
Selenium	82-1	122341	123722	123963	123342	0.71	cps
Silicon	28-1	15332448	15643622	15905178	15627083	1.83	cps
Silver	109-1	339243	340274	339030	339516	0.20	cps
Silver	107-1	352899	352665	355051	353538	0.37	cps
Sodium	23-2	1924736	1960294	2000626	1961885	1.94	cps
Strontium	86-1	471020	467805	477432	472085	1.04	cps
Strontium	88-1	4010734	4019861	4114039	4048211	1.41	cps
Sulfur	34-1	186490	188854	187672	187672	0.63	cps
Terbium	159-1	4650718	4713635	4700636	4688330	0.71	cps
Terbium	159-2	1798420	1706139	1796230	1766930	2.98	cps
Thallium	203-1	6705163	6762285	6813928	6760458	0.80	cps
Thallium	205-1	16029470	16090214	16260976	16126887	0.74	cps
Tin	118-1	2066199	2075391	2040104	2060564	0.89	cps
Titanium	47-1	89602	92328	91019	90983	1.50	cps
Uranium	238-1	8386	8828	9396	8870	5.70	cps
Vanadium	51-2	253270	262435	268938	261548	3.01	cps
Yttrium	89-1	3785534	3790556	3820959	3799016	0.50	cps
Yttrium	89-2	394066	382052	403011	393043	2.68	cps
Zinc	66-2	36578	38530	38945	38018	3.32	cps
Zirconium	90-1	2142	2159	2075	2125	2.08	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01MS	Instrumnet Name :	P8
Client Sample ID :	390515075MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:22:29	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	850	783	700	778	9.66	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01MSD	Instrumnet Name :	P8
Client Sample ID :	390515075MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:26:05	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32838	33674	35821	34111	4.51	cps
Antimony	121-1	3337361	3426920	3419699	3394660	1.47	cps
Arsenic	75-2	106072	110167	113422	109887	3.35	cps
Barium	135-1	832915	842270	840596	838593	0.59	cps
Barium	137-1	1456744	1476269	1482274	1471762	0.91	cps
Beryllium	9-1	109752	115598	113190	112847	2.60	cps
Bismuth	209-1	2856775	2847689	2930545	2878336	1.58	cps
Bismuth	209-2	1212902	1249356	1281037	1247765	2.73	cps
Boron	10-1	20006	21617	21817	21147	4.69	cps
Boron	11-1	98721	105210	107131	103687	4.25	cps
Cadmium	111-1	200651	203608	203861	202707	0.88	cps
Cadmium	106-1	19014	18947	18814	18925	0.54	cps
Cadmium	108-1	12606	13332	13081	13006	2.83	cps
Calcium	43-1	487348	499002	499517	495289	1.39	cps
Calcium	44-1	7836129	7964792	8147864	7982928	1.96	cps
Chromium	52-2	412955	432239	445145	430113	3.77	cps
Cobalt	59-2	350252	362233	372509	361664	3.08	cps
Copper	63-2	422820	441482	445145	436482	2.74	cps
Dysprosium	156-1	135773	137347	136709	136609	0.58	cps
Dysprosium	156-2	13547	13691	14558	13932	3.93	cps
Erbium	164-1	33	25	8	22	57.29	cps
Erbium	164-2	10	13	30	18	60.28	cps
Gadolinium	160-1	67	58	42	56	22.91	cps
Gadolinium	160-2	17	7	17	13	43.29	cps
Holmium	165-1	4434743	4573226	4568918	4525629	1.74	cps
Holmium	165-2	1775661	1869655	1830711	1825342	2.59	cps
Indium	115-1	3514231	3549334	3518242	3527269	0.54	cps
Indium	115-2	475811	495920	508167	493299	3.31	cps
Iron	56-2	2306813	2428511	2478115	2404480	3.67	cps
Iron	57-2	56475	58690	60849	58671	3.73	cps
Lead	206-1	2842445	2918001	2863199	2874548	1.36	cps
Lead	207-1	2589906	2606941	2564340	2587062	0.83	cps
Lead	208-1	11537515	11699564	11661979	11633020	0.73	cps
Lithium	6-1	498713	516456	525935	513701	2.69	cps
Magnesium	24-2	559297	582275	588272	576615	2.65	cps
Manganese	55-2	86757	89544	92554	89618	3.23	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01MSD	Instrumnet Name :	P8
Client Sample ID :	390515075MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:26:05	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	420816	426403	422795	423338	0.67	cps
Molybdenum	95-1	729461	738519	741316	736432	0.84	cps
Molybdenum	96-1	770389	781015	789400	780268	1.22	cps
Molybdenum	97-1	450560	457232	459780	455858	1.04	cps
Molybdenum	98-1	1169179	1179037	1180239	1176151	0.52	cps
Neodymium	150-1	113	53	47	71	51.64	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	242468	248981	256257	249235	2.77	cps
Phosphorus	31-2	8311	8428	9053	8597	4.64	cps
Potassium	39-2	526138	551300	571614	549684	4.14	cps
Rhodium	103-1	3252118	3285969	3302697	3280262	0.79	cps
Rhodium	103-2	1432164	1477395	1503448	1471002	2.45	cps
Scandium	45-1	2011358	2070670	2100771	2060933	2.21	cps
Scandium	45-2	71098	73323	76074	73498	3.39	cps
Selenium	77-2	3447	3661	3944	3684	6.77	cps
Selenium	78-2	11778	12225	12821	12275	4.26	cps
Selenium	82-1	120893	123422	124299	122871	1.44	cps
Silicon	28-1	15073620	15362994	15488035	15308216	1.39	cps
Silver	109-1	334020	342403	339936	338786	1.27	cps
Silver	107-1	350234	353076	354596	352636	0.63	cps
Sodium	23-2	1903080	1998481	1980763	1960774	2.59	cps
Strontium	86-1	466295	474894	471841	471010	0.93	cps
Strontium	88-1	4060597	4094910	4146841	4100783	1.06	cps
Sulfur	34-1	176405	179358	179415	178393	0.97	cps
Terbium	159-1	4614337	4781180	4753570	4716362	1.90	cps
Terbium	159-2	1772694	1807213	1837142	1805683	1.79	cps
Thallium	203-1	6744760	6832438	6885424	6820874	1.04	cps
Thallium	205-1	15987012	16344855	16185793	16172553	1.11	cps
Tin	118-1	2085367	2110560	2085721	2093883	0.69	cps
Titanium	47-1	88462	91733	92606	90933	2.40	cps
Uranium	238-1	8261	9220	8703	8728	5.50	cps
Vanadium	51-2	249637	259865	268904	259469	3.72	cps
Yttrium	89-1	3699617	3796201	3820272	3772030	1.69	cps
Yttrium	89-2	385988	400562	415286	400612	3.66	cps
Zinc	66-2	36545	38553	39112	38070	3.55	cps
Zirconium	90-1	2142	2234	2250	2209	2.64	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01MSD	Instrumnet Name :	P8
Client Sample ID :	390515075MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:26:05	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	892	633	825	783	17.12	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01A	Instrumnet Name :	P8
Client Sample ID :	390515075A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:29:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34902	36397	36948	36082	2.93	cps
Antimony	121-1	3350241	3456375	3398354	3401657	1.56	cps
Arsenic	75-2	107891	113616	117138	112882	4.13	cps
Barium	135-1	825854	857855	852315	845341	2.02	cps
Barium	137-1	1459155	1485573	1494458	1479729	1.24	cps
Beryllium	9-1	110112	114232	113856	112733	2.02	cps
Bismuth	209-1	2876947	2929040	2922102	2909363	0.97	cps
Bismuth	209-2	1249271	1293048	1323918	1288745	2.91	cps
Boron	10-1	20932	21500	21124	21185	1.36	cps
Boron	11-1	101759	106643	109827	106077	3.83	cps
Cadmium	111-1	197629	203610	203889	201709	1.75	cps
Cadmium	106-1	18163	18955	19364	18827	3.24	cps
Cadmium	108-1	13198	13236	13603	13346	1.67	cps
Calcium	43-1	484740	497970	496874	493195	1.49	cps
Calcium	44-1	7765751	8089178	7994404	7949778	2.09	cps
Chromium	52-2	422938	446689	457089	442239	3.96	cps
Cobalt	59-2	357621	375782	383416	372273	3.56	cps
Copper	63-2	435807	454643	462680	451044	3.06	cps
Dysprosium	156-1	132791	134391	134814	133999	0.80	cps
Dysprosium	156-2	13611	14321	14261	14064	2.80	cps
Erbium	164-1	25	58	67	50	44.10	cps
Erbium	164-2	27	10	10	16	61.87	cps
Gadolinium	160-1	100	67	42	69	42.14	cps
Gadolinium	160-2	17	10	27	18	47.19	cps
Holmium	165-1	4494444	4644483	4591010	4576645	1.66	cps
Holmium	165-2	1796337	1909365	1910378	1872027	3.50	cps
Indium	115-1	3461210	3552048	3596817	3536692	1.95	cps
Indium	115-2	494703	509820	523339	509287	2.81	cps
Iron	56-2	2399010	2522508	2539375	2486965	3.08	cps
Iron	57-2	57713	61273	62467	60484	4.09	cps
Lead	206-1	2827561	2932392	2940858	2900270	2.18	cps
Lead	207-1	2534503	2603549	2585439	2574497	1.39	cps
Lead	208-1	11361358	11598415	11601330	11520368	1.20	cps
Lithium	6-1	504268	520710	527750	517576	2.33	cps
Magnesium	24-2	578884	595468	612185	595512	2.80	cps
Manganese	55-2	88924	91866	94191	91660	2.88	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01A	Instrumnet Name :	P8
Client Sample ID :	390515075A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:29:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408319	423504	419742	417188	1.90	cps
Molybdenum	95-1	718488	744567	742580	735212	1.97	cps
Molybdenum	96-1	764114	791632	785756	780501	1.86	cps
Molybdenum	97-1	452046	459425	460374	457282	1.00	cps
Molybdenum	98-1	1148206	1187360	1181259	1172275	1.80	cps
Neodymium	150-1	53	27	20	33	52.91	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	246067	259492	264472	256677	3.71	cps
Phosphorus	31-2	8753	8995	9587	9112	4.71	cps
Potassium	39-2	547733	571899	583809	567813	3.24	cps
Rhodium	103-1	3228198	3326122	3403739	3319353	2.65	cps
Rhodium	103-2	1467265	1527360	1580214	1524946	3.71	cps
Scandium	45-1	2079149	2107788	2098265	2095068	0.70	cps
Scandium	45-2	72546	77505	77867	75973	3.91	cps
Selenium	77-2	3667	3677	3727	3691	0.87	cps
Selenium	78-2	12017	12499	13180	12565	4.65	cps
Selenium	82-1	120094	123530	123025	122217	1.52	cps
Silicon	28-1	15223517	15528112	15495462	15415697	1.08	cps
Silver	109-1	329439	338653	341021	336371	1.82	cps
Silver	107-1	349624	360291	357110	355675	1.54	cps
Sodium	23-2	1930990	1997608	2071510	2000036	3.51	cps
Strontium	86-1	463299	473947	474967	470737	1.37	cps
Strontium	88-1	4032136	4070837	4120335	4074436	1.09	cps
Sulfur	34-1	174327	176201	175021	175183	0.54	cps
Terbium	159-1	4684586	4841428	4818480	4781498	1.77	cps
Terbium	159-2	1831643	1857787	1938583	1876004	2.97	cps
Thallium	203-1	6779487	6896308	6773813	6816536	1.01	cps
Thallium	205-1	15959762	16262032	16232402	16151399	1.03	cps
Tin	118-1	2046121	2081238	2090350	2072570	1.13	cps
Titanium	47-1	89686	92513	93678	91959	2.23	cps
Uranium	238-1	8812	8353	9387	8851	5.85	cps
Vanadium	51-2	255821	269016	275747	266861	3.80	cps
Yttrium	89-1	3699841	3746286	3838264	3761464	1.87	cps
Yttrium	89-2	397952	416464	427176	413864	3.57	cps
Zinc	66-2	37661	39509	40034	39068	3.19	cps
Zirconium	90-1	2384	2275	2225	2295	3.53	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2988-01A	Instrumnet Name :	P8
Client Sample ID :	390515075A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:29:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	733	775	817	775	5.38	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2989-01	Instrumnet Name :	P8
Client Sample ID :	390515078	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:33:18	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	117	125	128	9.96	cps
Antimony	121-1	1025	958	867	950	8.37	cps
Arsenic	75-2	75	90	78	81	9.80	cps
Barium	135-1	336744	336102	341306	338051	0.84	cps
Barium	137-1	589345	585005	591421	588591	0.56	cps
Beryllium	9-1	50	33	56	46	24.99	cps
Bismuth	209-1	2945836	2965623	2991798	2967752	0.78	cps
Bismuth	209-2	1249188	1284540	1321853	1285193	2.83	cps
Boron	10-1	4818	4392	4718	4643	4.79	cps
Boron	11-1	23294	22560	23211	23022	1.75	cps
Cadmium	111-1	595	685	638	639	6.97	cps
Cadmium	106-1	825	958	908	897	7.51	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	564243	565964	574312	568173	0.95	cps
Calcium	44-1	9032768	9112640	9261546	9135651	1.27	cps
Chromium	52-2	880	820	1007	902	10.56	cps
Cobalt	59-2	73	103	70	82	22.33	cps
Copper	63-2	18329	18813	20141	19094	4.91	cps
Dysprosium	156-1	58	17	25	33	66.13	cps
Dysprosium	156-2	17	3	3	8	99.04	cps
Erbium	164-1	8	50	8	22	108.27	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	13	17	7	12	41.65	cps
Holmium	165-1	4647389	4626093	4633290	4635591	0.23	cps
Holmium	165-2	1826015	1852256	1918058	1865443	2.54	cps
Indium	115-1	3601246	3671075	3671319	3647880	1.11	cps
Indium	115-2	501419	529494	542850	524588	4.03	cps
Iron	56-2	6068	6324	6441	6277	3.03	cps
Iron	57-2	172	206	194	191	8.90	cps
Lead	206-1	1900	1722	1656	1759	7.18	cps
Lead	207-1	1350	1406	1422	1393	2.72	cps
Lead	208-1	6590	6556	6629	6592	0.55	cps
Lithium	6-1	513131	512536	518805	514824	0.67	cps
Magnesium	24-2	875835	913315	931917	907022	3.15	cps
Manganese	55-2	97	83	73	84	13.87	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2989-01	Instrumnet Name :	P8
Client Sample ID :	390515078	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:33:18	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1183	1083	1000	1089	8.43	cps
Molybdenum	95-1	1700	1658	1558	1639	4.44	cps
Molybdenum	96-1	1767	1809	1475	1683	10.79	cps
Molybdenum	97-1	1075	1133	917	1042	10.76	cps
Molybdenum	98-1	2600	2717	2484	2600	4.49	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	127	177	177	160	18.04	cps
Phosphorus	31-2	350	350	317	339	5.68	cps
Potassium	39-2	54815	59300	61150	58422	5.58	cps
Rhodium	103-1	3366869	3341926	3427709	3378835	1.31	cps
Rhodium	103-2	1496955	1545653	1589867	1544158	3.01	cps
Scandium	45-1	2125679	2136790	2159373	2140614	0.80	cps
Scandium	45-2	72904	77455	80227	76862	4.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	14	15	14	7.14	cps
Selenium	82-1	34	77	38	50	47.50	cps
Silicon	28-1	14568611	14671627	14954422	14731553	1.36	cps
Silver	109-1	200	108	83	131	47.05	cps
Silver	107-1	192	142	192	175	16.50	cps
Sodium	23-2	1873933	1956779	1975782	1935498	2.80	cps
Strontium	86-1	243359	242906	243665	243310	0.16	cps
Strontium	88-1	2150545	2088709	2133536	2124263	1.50	cps
Sulfur	34-1	208678	208558	210081	209106	0.40	cps
Terbium	159-1	4906946	4771093	4754038	4810692	1.74	cps
Terbium	159-2	1783447	1914128	1951761	1883112	4.69	cps
Thallium	203-1	675	742	583	667	11.92	cps
Thallium	205-1	1583	1550	1575	1570	1.11	cps
Tin	118-1	367	625	600	531	26.86	cps
Titanium	47-1	700	775	1000	825	18.93	cps
Uranium	238-1	4809	4868	4709	4796	1.67	cps
Vanadium	51-2	3560	3624	3601	3595	0.89	cps
Yttrium	89-1	3842055	3825517	3897232	3854935	0.97	cps
Yttrium	89-2	399943	425418	433543	419635	4.18	cps
Zinc	66-2	3657	3701	3971	3776	4.50	cps
Zirconium	90-1	392	292	400	361	16.69	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2989-01	Instrumnet Name :	P8
Client Sample ID :	390515078	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:33:18	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	25	83	50	53	55.46	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CCV18 Instrumnet Name : P8
 Client Sample ID : CCV18 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 15:41:52 DataFile Name : 028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	949371	986544	1011853	982590	3.20	cps
Antimony	121-1	2273166	2272410	2254590	2266722	0.46	cps
Arsenic	75-2	69163	71535	72856	71185	2.63	cps
Barium	135-1	2312659	2304432	2312694	2309928	0.21	cps
Barium	137-1	3959465	3976846	3890973	3942428	1.15	cps
Beryllium	9-1	280612	285453	288776	284947	1.44	cps
Bismuth	209-1	2941504	2954206	2927737	2941149	0.45	cps
Bismuth	209-2	1200504	1237815	1264980	1234433	2.62	cps
Boron	10-1	25623	27285	27535	26814	3.88	cps
Boron	11-1	128581	133172	135376	132376	2.62	cps
Cadmium	111-1	512981	509870	509899	510917	0.35	cps
Cadmium	106-1	51917	52587	52611	52372	0.75	cps
Cadmium	108-1	35693	35827	36224	35914	0.77	cps
Calcium	43-1	2388026	2412358	2426490	2408958	0.81	cps
Calcium	44-1	39162075	38519843	39427343	39036420	1.20	cps
Chromium	52-2	532853	551625	566425	550301	3.06	cps
Cobalt	59-2	887292	913517	938384	913064	2.80	cps
Copper	63-2	1324546	1353464	1383907	1353972	2.19	cps
Dysprosium	156-1	33	33	50	39	24.75	cps
Dysprosium	156-2	10	7	17	11	45.82	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	20	3	33	19	79.59	cps
Holmium	165-1	4875657	4818032	4797999	4830563	0.83	cps
Holmium	165-2	1849197	1882160	1960419	1897259	3.01	cps
Indium	115-1	3720464	3700147	3712459	3711023	0.28	cps
Indium	115-2	497434	512549	526448	512144	2.83	cps
Iron	56-2	96104547	97304849	100055483	97821626	2.07	cps
Iron	57-2	2438608	2440404	2563467	2480826	2.89	cps
Lead	206-1	1391835	1376439	1385070	1384448	0.56	cps
Lead	207-1	1243748	1224659	1226013	1231473	0.86	cps
Lead	208-1	5711608	5629902	5638772	5660094	0.79	cps
Lithium	6-1	528017	531079	542802	533966	1.46	cps
Magnesium	24-2	14051194	14362158	14727236	14380196	2.35	cps
Manganese	55-2	452102	469948	478596	466882	2.89	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:41:52	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3987627	3963079	3973717	3974808	0.31	cps
Molybdenum	95-1	4871510	4874818	4855934	4867421	0.21	cps
Molybdenum	96-1	5410348	5312133	5328296	5350259	0.98	cps
Molybdenum	97-1	2992215	2997165	3051384	3013588	1.09	cps
Molybdenum	98-1	7706754	7649599	7674331	7676895	0.37	cps
Neodymium	150-1	160	160	127	149	12.92	cps
Neodymium	150-2	17	20	17	18	10.81	cps
Nickel	60-2	240297	246972	255498	247589	3.08	cps
Phosphorus	31-2	14975	14524	15050	14850	1.91	cps
Potassium	39-2	6024341	6206895	6463237	6231491	3.54	cps
Rhodium	103-1	3479046	3424112	3394963	3432707	1.24	cps
Rhodium	103-2	1466450	1511296	1526022	1501256	2.07	cps
Scandium	45-1	2256095	2233651	2211960	2233902	0.99	cps
Scandium	45-2	75266	79175	82423	78955	4.54	cps
Selenium	77-2	830	853	1033	906	12.29	cps
Selenium	78-2	2972	3160	3198	3110	3.89	cps
Selenium	82-1	31365	31593	31517	31492	0.37	cps
Silicon	28-1	1870844	1890775	1928492	1896704	1.54	cps
Silver	109-1	2307391	2274043	2254351	2278595	1.18	cps
Silver	107-1	2372417	2353782	2350509	2358903	0.50	cps
Sodium	23-2	30636647	31989859	32233175	31619893	2.72	cps
Strontium	86-1	608097	601791	606938	605609	0.55	cps
Strontium	88-1	5232393	5230756	5276247	5246465	0.49	cps
Sulfur	34-1	280153	282964	284853	282657	0.84	cps
Terbium	159-1	5001079	5033907	4901469	4978818	1.39	cps
Terbium	159-2	1820417	1863440	1928305	1870721	2.90	cps
Thallium	203-1	1741265	1727685	1729841	1732930	0.42	cps
Thallium	205-1	4122190	4063343	4058387	4081307	0.87	cps
Tin	118-1	1548038	1566784	1543294	1552705	0.80	cps
Titanium	47-1	1195132	1190888	1188080	1191367	0.30	cps
Uranium	238-1	5312348	5199645	5195000	5235664	1.27	cps
Vanadium	51-2	422146	437856	451091	437031	3.32	cps
Yttrium	89-1	3969938	3987179	4038774	3998630	0.90	cps
Yttrium	89-2	403512	426652	433924	421363	3.77	cps
Zinc	66-2	175882	183344	186137	181788	2.92	cps
Zirconium	90-1	3215481	3208944	3288745	3237723	1.37	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:41:52	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	729003	727778	735005	730595	0.53	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P8
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 15:46:16 DataFile Name : 029LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358	383	508	417	19.29	cps
Antimony	121-1	8003	8369	8144	8172	2.26	cps
Arsenic	75-2	128	124	113	122	6.38	cps
Barium	135-1	8378	8119	8345	8281	1.70	cps
Barium	137-1	14667	15426	14266	14786	3.98	cps
Beryllium	9-1	489	478	589	519	11.80	cps
Bismuth	209-1	3026692	3026471	3069460	3040874	0.81	cps
Bismuth	209-2	1266207	1309334	1340476	1305339	2.86	cps
Boron	10-1	3034	2900	2642	2859	6.97	cps
Boron	11-1	15142	14474	14249	14622	3.17	cps
Cadmium	111-1	1492	1489	1602	1528	4.22	cps
Cadmium	106-1	1117	833	1100	1017	15.64	cps
Cadmium	108-1	75	75	79	76	3.15	cps
Calcium	43-1	4751	5168	5176	5032	4.83	cps
Calcium	44-1	80036	84092	83792	82640	2.73	cps
Chromium	52-2	2207	2470	2434	2370	6.02	cps
Cobalt	59-2	1477	1727	1720	1641	8.68	cps
Copper	63-2	3170	3200	3260	3210	1.43	cps
Dysprosium	156-1	25	0	67	31	110.22	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	17	28	34.63	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	4650589	4681417	4740668	4690892	0.98	cps
Holmium	165-2	1802800	1881359	1916654	1866937	3.12	cps
Indium	115-1	3745494	3747995	3796123	3763204	0.76	cps
Indium	115-2	512593	534870	550786	532750	3.60	cps
Iron	56-2	42849	43763	44660	43757	2.07	cps
Iron	57-2	1122	1139	1061	1107	3.70	cps
Lead	206-1	3062	3184	3167	3137	2.11	cps
Lead	207-1	2717	2862	2589	2723	5.00	cps
Lead	208-1	12308	12819	12269	12466	2.46	cps
Lithium	6-1	512916	524268	532716	523300	1.90	cps
Magnesium	24-2	26734	28395	29156	28095	4.41	cps
Manganese	55-2	463	520	457	480	7.25	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:46:16	DataFile Name :	029LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8003	7552	7594	7716	3.22	cps
Molybdenum	95-1	8970	8653	9062	8895	2.41	cps
Molybdenum	96-1	10121	10246	10196	10187	0.62	cps
Molybdenum	97-1	5776	6077	5985	5946	2.59	cps
Molybdenum	98-1	14325	13807	13941	14024	1.91	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	493	560	590	548	9.03	cps
Phosphorus	31-2	425	442	425	431	2.24	cps
Potassium	39-2	31143	32772	33582	32499	3.82	cps
Rhodium	103-1	3487212	3505194	3560424	3517610	1.08	cps
Rhodium	103-2	1535314	1579681	1666452	1593816	4.19	cps
Scandium	45-1	2081098	2185812	2239778	2168896	3.72	cps
Scandium	45-2	74613	80069	83074	79252	5.41	cps
Selenium	77-2	7	13	7	9	43.25	cps
Selenium	78-2	38	54	50	47	17.60	cps
Selenium	82-1	314	316	352	327	6.56	cps
Silicon	28-1	1176702	1202999	1193261	1190987	1.12	cps
Silver	109-1	4884	4901	4759	4848	1.60	cps
Silver	107-1	5551	5193	5510	5418	3.62	cps
Sodium	23-2	66145	68925	68816	67962	2.32	cps
Strontium	86-1	1500	1492	1450	1481	1.81	cps
Strontium	88-1	9512	9537	9003	9351	3.22	cps
Sulfur	34-1	164976	160458	155403	160279	2.99	cps
Terbium	159-1	4872315	4981043	4896182	4916513	1.16	cps
Terbium	159-2	1807976	1926008	1940039	1891341	3.84	cps
Thallium	203-1	3217	3217	3301	3245	1.48	cps
Thallium	205-1	7527	7169	7586	7427	3.04	cps
Tin	118-1	15326	13674	14241	14414	5.82	cps
Titanium	47-1	2900	3125	2800	2942	5.66	cps
Uranium	238-1	8787	8753	9062	8867	1.91	cps
Vanadium	51-2	4067	4164	4074	4102	1.32	cps
Yttrium	89-1	3952713	3984748	4000949	3979470	0.62	cps
Yttrium	89-2	409334	429000	441969	426767	3.85	cps
Zinc	66-2	473	433	483	463	5.71	cps
Zirconium	90-1	7277	6694	6902	6958	4.25	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:46:16	DataFile Name :	029LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1642	1500	1575	1572	4.51	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P8
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 15:49:55 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	100	75	69	48.50	cps
Antimony	121-1	192	117	183	164	25.08	cps
Arsenic	75-2	1	1	2	1	43.30	cps
Barium	135-1	33	33	25	31	15.74	cps
Barium	137-1	42	58	8	36	70.51	cps
Beryllium	9-1	33	22	44	33	33.35	cps
Bismuth	209-1	3026728	3052756	3025517	3035000	0.51	cps
Bismuth	209-2	1278261	1318013	1332092	1309455	2.13	cps
Boron	10-1	1083	1167	967	1072	9.37	cps
Boron	11-1	5401	5610	5685	5565	2.64	cps
Cadmium	111-1	589	633	590	604	4.08	cps
Cadmium	106-1	842	892	850	861	3.11	cps
Cadmium	108-1	0	0	13	4	173.21	cps
Calcium	43-1	450	450	483	461	4.17	cps
Calcium	44-1	9020	9112	9070	9067	0.51	cps
Chromium	52-2	407	407	430	414	3.25	cps
Cobalt	59-2	57	67	80	68	17.27	cps
Copper	63-2	457	507	543	502	8.66	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	4685794	4771894	4739509	4732399	0.92	cps
Holmium	165-2	1872198	1928768	1951300	1917422	2.13	cps
Indium	115-1	3808997	3840086	3778570	3809218	0.81	cps
Indium	115-2	517825	543613	552337	537925	3.34	cps
Iron	56-2	2161	1967	2045	2058	4.76	cps
Iron	57-2	72	72	72	72	0.00	cps
Lead	206-1	339	461	350	383	17.63	cps
Lead	207-1	311	339	328	326	4.29	cps
Lead	208-1	1406	1422	1294	1374	5.06	cps
Lithium	6-1	531348	535607	539219	535391	0.74	cps
Magnesium	24-2	125	58	117	100	36.33	cps
Manganese	55-2	30	43	20	31	37.62	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:49:55	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	217	167	158	181	17.47	cps
Molybdenum	95-1	50	0	58	36	87.37	cps
Molybdenum	96-1	117	67	83	89	28.64	cps
Molybdenum	97-1	75	117	83	92	24.05	cps
Molybdenum	98-1	125	42	25	64	83.86	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	27	20	27	24.99	cps
Phosphorus	31-2	358	400	325	361	10.41	cps
Potassium	39-2	8945	9553	9745	9415	4.44	cps
Rhodium	103-1	3559616	3612801	3519084	3563834	1.32	cps
Rhodium	103-2	1534481	1614354	1645074	1597969	3.57	cps
Scandium	45-1	2165847	2172015	2231271	2189711	1.65	cps
Scandium	45-2	77006	79711	81735	79484	2.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	5	19	10	11	62.60	cps
Selenium	82-1	-19	-51	6	-21	-133.74	cps
Silicon	28-1	1182369	1188901	1199872	1190381	0.74	cps
Silver	109-1	175	158	175	169	5.68	cps
Silver	107-1	192	192	150	178	13.53	cps
Sodium	23-2	6143	6318	5726	6063	5.02	cps
Strontium	86-1	483	425	358	422	14.81	cps
Strontium	88-1	42	75	75	64	30.12	cps
Sulfur	34-1	153314	154450	155066	154276	0.58	cps
Terbium	159-1	4946759	4984561	4906114	4945811	0.79	cps
Terbium	159-2	1850541	1917505	1936093	1901380	2.37	cps
Thallium	203-1	42	83	83	69	34.64	cps
Thallium	205-1	150	217	142	169	24.26	cps
Tin	118-1	208	158	158	175	16.50	cps
Titanium	47-1	767	533	633	644	18.17	cps
Uranium	238-1	25	25	25	25	0.00	cps
Vanadium	51-2	7	7	27	13	86.58	cps
Yttrium	89-1	3988107	4011681	4029370	4009719	0.52	cps
Yttrium	89-2	415288	435647	440798	430577	3.13	cps
Zinc	66-2	77	80	63	73	12.03	cps
Zirconium	90-1	267	408	358	344	20.86	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:49:55	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	67	50	75	40.06	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2990-01	Instrumnet Name :	P8
Client Sample ID :	390517009	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:53:33	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1058	933	992	995	6.29	cps
Antimony	121-1	517	550	458	508	9.13	cps
Arsenic	75-2	24	21	22	22	6.84	cps
Barium	135-1	6969	7436	7144	7183	3.28	cps
Barium	137-1	13057	12206	12381	12548	3.58	cps
Beryllium	9-1	67	44	11	41	68.64	cps
Bismuth	209-1	2951581	2955656	2959510	2955582	0.13	cps
Bismuth	209-2	1257336	1301948	1313306	1290863	2.29	cps
Boron	10-1	1258	1458	1392	1370	7.44	cps
Boron	11-1	6685	6743	6527	6652	1.69	cps
Cadmium	111-1	637	672	580	629	7.35	cps
Cadmium	106-1	900	950	825	892	7.06	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	117135	117698	119387	118073	0.99	cps
Calcium	44-1	1881258	1959786	1954833	1931959	2.28	cps
Chromium	52-2	577	673	660	637	8.23	cps
Cobalt	59-2	63	93	77	78	19.33	cps
Copper	63-2	52415	53626	54653	53565	2.09	cps
Dysprosium	156-1	58	33	17	36	58.07	cps
Dysprosium	156-2	10	13	7	10	33.30	cps
Erbium	164-1	0	25	8	11	114.58	cps
Erbium	164-2	7	17	3	9	78.08	cps
Gadolinium	160-1	25	17	33	25	33.32	cps
Gadolinium	160-2	23	20	37	27	33.08	cps
Holmium	165-1	4690828	4719355	4711536	4707240	0.31	cps
Holmium	165-2	1834792	1920148	1932220	1895720	2.80	cps
Indium	115-1	3684394	3750036	3684891	3706440	1.02	cps
Indium	115-2	515131	539919	548758	534603	3.26	cps
Iron	56-2	35785	37044	38330	37053	3.44	cps
Iron	57-2	995	800	1167	987	18.59	cps
Lead	206-1	13958	14342	13997	14099	1.50	cps
Lead	207-1	12456	11989	12440	12295	2.16	cps
Lead	208-1	55854	55041	55381	55425	0.74	cps
Lithium	6-1	512127	520589	526272	519662	1.37	cps
Magnesium	24-2	172812	179139	181121	177691	2.44	cps
Manganese	55-2	4031	4337	4477	4282	5.34	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2990-01	Instrumnet Name :	P8
Client Sample ID :	390517009	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:53:33	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	500	442	367	436	15.33	cps
Molybdenum	95-1	367	400	342	369	7.92	cps
Molybdenum	96-1	350	417	392	386	8.72	cps
Molybdenum	97-1	250	225	233	236	5.39	cps
Molybdenum	98-1	433	508	500	481	8.55	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	1083	1030	1193	1102	7.56	cps
Phosphorus	31-2	1008	1117	1200	1108	8.67	cps
Potassium	39-2	50198	52699	53745	52214	3.49	cps
Rhodium	103-1	3462203	3436237	3495164	3464535	0.85	cps
Rhodium	103-2	1531796	1601113	1614065	1582325	2.80	cps
Scandium	45-1	2153483	2201044	2244539	2199689	2.07	cps
Scandium	45-2	75575	81112	82634	79774	4.66	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	9	12	18	13	35.25	cps
Selenium	82-1	-46	-9	49	-2	-2475.30	cps
Silicon	28-1	3675306	3671597	3660431	3669111	0.21	cps
Silver	109-1	400	308	408	372	14.91	cps
Silver	107-1	375	225	408	336	29.06	cps
Sodium	23-2	3337818	3471394	3527724	3445645	2.83	cps
Strontium	86-1	44272	43955	44406	44211	0.52	cps
Strontium	88-1	387317	385322	386210	386283	0.26	cps
Sulfur	34-1	182657	186523	188651	185944	1.63	cps
Terbium	159-1	4843890	4853423	4900221	4865844	0.62	cps
Terbium	159-2	1851587	1931100	1965074	1915920	3.04	cps
Thallium	203-1	8	58	67	44	70.99	cps
Thallium	205-1	142	183	108	144	26.01	cps
Tin	118-1	2067	2084	2242	2131	4.53	cps
Titanium	47-1	1017	867	842	908	10.42	cps
Uranium	238-1	67	17	42	42	60.00	cps
Vanadium	51-2	70	70	73	71	2.70	cps
Yttrium	89-1	3977855	3947387	3929379	3951540	0.62	cps
Yttrium	89-2	415921	432065	440772	429586	2.94	cps
Zinc	66-2	4581	4711	5138	4810	6.06	cps
Zirconium	90-1	658	733	567	653	12.79	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2990-01	Instrumnet Name :	P8
Client Sample ID :	390517009	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:53:33	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	133	183	139	30.20	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2991-01	Instrumnet Name :	P8
Client Sample ID :	390516179.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:57:10	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	242	258	275	16.03	cps
Antimony	121-1	767	608	675	683	11.63	cps
Arsenic	75-2	1220	1184	1266	1224	3.36	cps
Barium	135-1	30085	29116	29433	29545	1.67	cps
Barium	137-1	51409	53283	52254	52315	1.79	cps
Beryllium	9-1	39	39	50	43	15.06	cps
Bismuth	209-1	2832271	2984804	2999691	2938922	3.15	cps
Bismuth	209-2	1230204	1279864	1307306	1272458	3.07	cps
Boron	10-1	1033	950	1033	1006	4.78	cps
Boron	11-1	5009	5084	5093	5062	0.91	cps
Cadmium	111-1	673	690	887	750	15.87	cps
Cadmium	106-1	858	867	1133	953	16.42	cps
Cadmium	108-1	33	13	21	22	47.18	cps
Calcium	43-1	738828	740916	746873	742206	0.56	cps
Calcium	44-1	11916676	11965079	12005250	11962335	0.37	cps
Chromium	52-2	2454	2557	2597	2536	2.92	cps
Cobalt	59-2	257	293	177	242	24.63	cps
Copper	63-2	427674	446843	457021	443846	3.36	cps
Dysprosium	156-1	258	183	225	222	16.91	cps
Dysprosium	156-2	80	50	80	70	24.74	cps
Erbium	164-1	267	200	250	239	14.52	cps
Erbium	164-2	100	83	100	94	10.19	cps
Gadolinium	160-1	258	242	192	231	15.05	cps
Gadolinium	160-2	140	110	133	128	12.33	cps
Holmium	165-1	4423948	4767102	4732987	4641346	4.07	cps
Holmium	165-2	1826201	1883326	1944333	1884620	3.13	cps
Indium	115-1	3535178	3768487	3763989	3689218	3.62	cps
Indium	115-2	506088	529651	543748	526496	3.61	cps
Iron	56-2	2658041	2782534	2855291	2765289	3.61	cps
Iron	57-2	63857	68238	69455	67183	4.38	cps
Lead	206-1	224376	224751	225098	224742	0.16	cps
Lead	207-1	191418	191835	191202	191485	0.17	cps
Lead	208-1	880943	878796	878919	879553	0.14	cps
Lithium	6-1	500014	522733	528387	517045	2.90	cps
Magnesium	24-2	1663047	1755656	1773325	1730676	3.42	cps
Manganese	55-2	5705	6061	6221	5996	4.41	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2991-01	Instrumnet Name :	P8
Client Sample ID :	390516179.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:57:10	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	458	467	483	469	2.71	cps
Molybdenum	95-1	358	508	475	447	17.61	cps
Molybdenum	96-1	533	475	567	525	8.84	cps
Molybdenum	97-1	275	358	242	292	20.60	cps
Molybdenum	98-1	567	750	708	675	14.24	cps
Neodymium	150-1	220	327	367	304	24.90	cps
Neodymium	150-2	90	110	77	92	18.19	cps
Nickel	60-2	6945	7532	7649	7375	5.11	cps
Phosphorus	31-2	375	425	342	381	11.02	cps
Potassium	39-2	157428	166583	172881	165631	4.69	cps
Rhodium	103-1	3221154	3441550	3462731	3375145	3.96	cps
Rhodium	103-2	1497484	1534846	1592529	1541620	3.11	cps
Scandium	45-1	2051387	2203132	2215371	2156630	4.24	cps
Scandium	45-2	76007	79530	81501	79013	3.52	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	16	17	9	14	31.13	cps
Selenium	82-1	68	46	-4	37	99.46	cps
Silicon	28-1	19588953	19019053	19435296	19347767	1.52	cps
Silver	109-1	475	508	525	503	5.06	cps
Silver	107-1	483	467	525	492	6.11	cps
Sodium	23-2	7182019	7404489	7562012	7382840	2.59	cps
Strontium	86-1	366802	363652	368476	366310	0.67	cps
Strontium	88-1	3181575	3191688	3181909	3185058	0.18	cps
Sulfur	34-1	252603	251664	249084	251117	0.73	cps
Terbium	159-1	4613695	4959758	4943587	4839013	4.04	cps
Terbium	159-2	1796408	1900055	1922166	1872876	3.58	cps
Thallium	203-1	108	117	25	83	60.83	cps
Thallium	205-1	175	208	150	178	16.46	cps
Tin	118-1	6752	6568	6794	6705	1.79	cps
Titanium	47-1	792	733	942	822	13.07	cps
Uranium	238-1	92	67	125	94	30.98	cps
Vanadium	51-2	970	1067	1027	1021	4.76	cps
Yttrium	89-1	3732084	3993816	4008834	3911578	3.98	cps
Yttrium	89-2	409885	426566	437273	424575	3.25	cps
Zinc	66-2	157299	165531	170881	164570	4.16	cps
Zirconium	90-1	233	233	325	264	20.06	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2991-01	Instrumnet Name :	P8
Client Sample ID :	390516179.9	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 15:57:10	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	67	67	69	6.93	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : K2992-01 Instrumnet Name : P8
 Client Sample ID : 390515024 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 16:00:46 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	58	67	67	12.49	cps
Antimony	121-1	92	125	83	100	22.04	cps
Arsenic	75-2	2	3	2	2	24.74	cps
Barium	135-1	17	50	17	28	69.27	cps
Barium	137-1	83	50	42	58	37.80	cps
Beryllium	9-1	28	17	28	24	26.64	cps
Bismuth	209-1	2975241	2964448	2989669	2976453	0.43	cps
Bismuth	209-2	1253620	1286036	1315572	1285076	2.41	cps
Boron	10-1	617	667	492	592	15.23	cps
Boron	11-1	2859	2850	2892	2867	0.77	cps
Cadmium	111-1	620	688	668	659	5.36	cps
Cadmium	106-1	883	983	967	945	5.67	cps
Cadmium	108-1	4	0	13	6	114.53	cps
Calcium	43-1	417	433	467	439	5.80	cps
Calcium	44-1	9779	9862	9637	9759	1.17	cps
Chromium	52-2	713	537	663	638	14.28	cps
Cobalt	59-2	37	23	47	36	32.93	cps
Copper	63-2	560	607	547	571	5.52	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	33	25	17	25	33.32	cps
Gadolinium	160-2	3	17	7	9	78.08	cps
Holmium	165-1	4654170	4575769	4695153	4641697	1.31	cps
Holmium	165-2	1836821	1896383	1917873	1883693	2.23	cps
Indium	115-1	3656713	3671272	3771350	3699778	1.69	cps
Indium	115-2	510031	531673	541609	527771	3.06	cps
Iron	56-2	1961	2028	2300	2096	8.56	cps
Iron	57-2	67	44	72	61	24.05	cps
Lead	206-1	167	272	200	213	25.34	cps
Lead	207-1	189	244	183	206	16.44	cps
Lead	208-1	806	1006	872	894	11.39	cps
Lithium	6-1	508966	516407	520292	515221	1.12	cps
Magnesium	24-2	117	175	175	156	21.65	cps
Manganese	55-2	57	103	77	79	29.67	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2992-01	Instrumnet Name :	P8
Client Sample ID :	390515024	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:00:46	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	117	167	83	122	34.31	cps
Molybdenum	95-1	8	17	17	14	34.67	cps
Molybdenum	96-1	67	58	58	61	7.88	cps
Molybdenum	97-1	117	67	58	81	39.17	cps
Molybdenum	98-1	33	33	50	39	24.75	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	47	50	41	30.69	cps
Phosphorus	31-2	275	208	267	250	14.53	cps
Potassium	39-2	9587	9503	9345	9478	1.30	cps
Rhodium	103-1	3452916	3448033	3393280	3431409	0.96	cps
Rhodium	103-2	1532952	1588931	1594633	1572172	2.17	cps
Scandium	45-1	2147385	2122073	2158203	2142554	0.87	cps
Scandium	45-2	75277	78038	80415	77910	3.30	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	9	8	12	10	21.53	cps
Selenium	82-1	-68	-59	-51	-59	-14.86	cps
Silicon	28-1	1181326	1172368	1181002	1178232	0.43	cps
Silver	109-1	58	58	92	69	27.71	cps
Silver	107-1	100	83	83	89	10.82	cps
Sodium	23-2	5776	6026	6285	6029	4.22	cps
Strontium	86-1	367	517	467	450	16.97	cps
Strontium	88-1	325	367	317	336	7.97	cps
Sulfur	34-1	149734	154619	152227	152193	1.61	cps
Terbium	159-1	4783711	4779360	4833473	4798848	0.63	cps
Terbium	159-2	1836058	1865193	1918917	1873389	2.24	cps
Thallium	203-1	33	17	25	25	33.32	cps
Thallium	205-1	108	117	100	108	7.69	cps
Tin	118-1	292	442	392	375	20.37	cps
Titanium	47-1	567	650	567	594	8.09	cps
Uranium	238-1	8	17	8	11	43.34	cps
Vanadium	51-2	10	3	20	11	75.52	cps
Yttrium	89-1	3839720	3873338	3850355	3854471	0.45	cps
Yttrium	89-2	405803	425141	439599	423514	4.00	cps
Zinc	66-2	2210	2227	2197	2211	0.68	cps
Zirconium	90-1	375	258	267	300	21.70	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2992-01	Instrumnet Name :	P8
Client Sample ID :	390515024	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:00:46	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	33	50	75	77.78	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : K3003-01 Instrumnet Name : P8
 Client Sample ID : WATER-FOUNTAIN-A Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 16:04:24 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	217	67	144	52.03	cps
Antimony	121-1	1292	1267	1292	1283	1.12	cps
Arsenic	75-2	31	37	31	33	10.50	cps
Barium	135-1	38791	39083	39426	39100	0.81	cps
Barium	137-1	67363	67630	68603	67865	0.96	cps
Beryllium	9-1	22	39	22	28	34.65	cps
Bismuth	209-1	2928985	2926801	3003710	2953166	1.48	cps
Bismuth	209-2	1245399	1294137	1316437	1285325	2.83	cps
Boron	10-1	1884	1792	1733	1803	4.19	cps
Boron	11-1	9120	9128	9820	9356	4.30	cps
Cadmium	111-1	718	692	775	728	5.84	cps
Cadmium	106-1	942	917	1067	975	8.24	cps
Cadmium	108-1	17	0	25	14	91.65	cps
Calcium	43-1	188220	186423	187941	187528	0.52	cps
Calcium	44-1	3064309	3035014	3136264	3078529	1.69	cps
Chromium	52-2	920	930	1070	973	8.62	cps
Cobalt	59-2	143	120	200	154	26.64	cps
Copper	63-2	1041407	1092717	1121228	1085117	3.73	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	3	0	17	7	132.33	cps
Erbium	164-1	33	42	8	28	62.46	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	50	33	58	47	26.97	cps
Gadolinium	160-2	27	7	13	16	65.47	cps
Holmium	165-1	4656073	4668875	4638791	4654580	0.32	cps
Holmium	165-2	1849847	1882169	1933413	1888477	2.23	cps
Indium	115-1	3699121	3710302	3668884	3692769	0.58	cps
Indium	115-2	508022	527169	545410	526867	3.55	cps
Iron	56-2	32299	33513	34521	33444	3.33	cps
Iron	57-2	844	961	867	891	6.95	cps
Lead	206-1	22298	23322	23366	22995	2.63	cps
Lead	207-1	18948	18669	18492	18703	1.23	cps
Lead	208-1	87016	88404	87429	87616	0.81	cps
Lithium	6-1	514184	520252	513787	516074	0.70	cps
Magnesium	24-2	345298	360142	370332	358590	3.51	cps
Manganese	55-2	6331	6585	6728	6548	3.07	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-01	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN-A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:04:24	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	450	375	475	433	12.01	cps
Molybdenum	95-1	608	450	708	589	22.12	cps
Molybdenum	96-1	633	583	650	622	5.58	cps
Molybdenum	97-1	425	408	442	425	3.92	cps
Molybdenum	98-1	967	908	908	928	3.63	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1313	1093	1313	1240	10.24	cps
Phosphorus	31-2	325	408	475	403	18.66	cps
Potassium	39-2	90338	96730	99701	95590	5.01	cps
Rhodium	103-1	3373913	3374787	3431652	3393451	0.97	cps
Rhodium	103-2	1505857	1563590	1590826	1553424	2.79	cps
Scandium	45-1	2133936	2184114	2148847	2155632	1.20	cps
Scandium	45-2	74546	79680	81038	78421	4.37	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	10	19	17	15	30.82	cps
Selenium	82-1	3	-19	30	5	522.62	cps
Silicon	28-1	7997763	7923903	7941004	7954223	0.49	cps
Silver	109-1	375	283	308	322	14.71	cps
Silver	107-1	292	267	333	297	11.33	cps
Sodium	23-2	3241581	3397226	3462548	3367118	3.37	cps
Strontium	86-1	104648	104959	105514	105040	0.42	cps
Strontium	88-1	917118	922815	922665	920866	0.35	cps
Sulfur	34-1	311902	313021	313614	312846	0.28	cps
Terbium	159-1	4876007	4850892	4843092	4856664	0.35	cps
Terbium	159-2	1828748	1894274	1916524	1879848	2.43	cps
Thallium	203-1	117	208	208	178	29.77	cps
Thallium	205-1	283	358	292	311	13.21	cps
Tin	118-1	342	392	300	344	13.32	cps
Titanium	47-1	625	775	708	703	10.69	cps
Uranium	238-1	133	142	67	114	36.09	cps
Vanadium	51-2	870	893	890	884	1.43	cps
Yttrium	89-1	3930130	3859327	3896032	3895163	0.91	cps
Yttrium	89-2	407457	424202	441240	424300	3.98	cps
Zinc	66-2	53576	56059	57813	55816	3.81	cps
Zirconium	90-1	392	300	375	356	13.73	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-01	Instrumnet Name :	P8
Client Sample ID :	WATER-FOUNTAIN-A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:04:24	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	42	58	61	34.32	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-03	Instrumnet Name :	P8
Client Sample ID :	MENS-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:08:02	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	167	200	186	9.32	cps
Antimony	121-1	800	642	792	744	11.97	cps
Arsenic	75-2	29	36	32	32	10.86	cps
Barium	135-1	35297	35439	34111	34949	2.09	cps
Barium	137-1	60564	61317	62413	61431	1.51	cps
Beryllium	9-1	6	17	22	15	57.25	cps
Bismuth	209-1	2976985	2962869	2960024	2966626	0.31	cps
Bismuth	209-2	1248425	1295521	1304944	1282963	2.36	cps
Boron	10-1	2067	2109	1884	2020	5.93	cps
Boron	11-1	9270	8870	9011	9050	2.24	cps
Cadmium	111-1	573	595	717	628	12.31	cps
Cadmium	106-1	808	842	983	878	10.59	cps
Cadmium	108-1	25	46	25	32	37.65	cps
Calcium	43-1	198290	197038	193432	196253	1.29	cps
Calcium	44-1	3178192	3254784	3215554	3216177	1.19	cps
Chromium	52-2	617	767	770	718	12.20	cps
Cobalt	59-2	143	170	130	148	13.78	cps
Copper	63-2	708541	734345	758269	733718	3.39	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	25	33	50	36	35.25	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	75	17	25	39	81.12	cps
Gadolinium	160-2	13	7	20	13	49.99	cps
Holmium	165-1	4716120	4662492	4715757	4698123	0.66	cps
Holmium	165-2	1875427	1888964	1922300	1895563	1.27	cps
Indium	115-1	3683951	3741689	3637364	3687668	1.42	cps
Indium	115-2	506931	537754	544869	529851	3.81	cps
Iron	56-2	19892	20176	20905	20324	2.57	cps
Iron	57-2	544	606	522	557	7.74	cps
Lead	206-1	11594	12228	11439	11754	3.56	cps
Lead	207-1	9515	9265	9359	9380	1.35	cps
Lead	208-1	45795	44892	43886	44858	2.13	cps
Lithium	6-1	501722	506184	508574	505494	0.69	cps
Magnesium	24-2	380056	397508	409419	395661	3.73	cps
Manganese	55-2	5351	5768	5638	5586	3.82	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-03	Instrumnet Name :	P8
Client Sample ID :	MENS-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:08:02	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	608	608	642	619	3.11	cps
Molybdenum	95-1	925	892	917	911	1.90	cps
Molybdenum	96-1	975	875	933	928	5.41	cps
Molybdenum	97-1	767	667	467	633	24.12	cps
Molybdenum	98-1	1225	1483	1292	1333	10.06	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1957	2154	2210	2107	6.31	cps
Phosphorus	31-2	792	867	800	819	5.02	cps
Potassium	39-2	98199	105618	105342	103053	4.08	cps
Rhodium	103-1	3426669	3439619	3443381	3436556	0.26	cps
Rhodium	103-2	1518390	1599751	1627605	1581915	3.59	cps
Scandium	45-1	2136901	2105575	2091930	2111469	1.09	cps
Scandium	45-2	75099	79587	80461	78382	3.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	14	11	13	13	12.06	cps
Selenium	82-1	21	50	50	40	42.04	cps
Silicon	28-1	7419190	7364035	7281144	7354790	0.94	cps
Silver	109-1	125	133	183	147	21.43	cps
Silver	107-1	100	167	200	156	32.73	cps
Sodium	23-2	3491270	3661300	3714418	3622329	3.22	cps
Strontium	86-1	111064	111175	109184	110474	1.01	cps
Strontium	88-1	958682	957323	961183	959063	0.20	cps
Sulfur	34-1	318325	318005	321674	319335	0.64	cps
Terbium	159-1	4822744	4805689	4848570	4825667	0.45	cps
Terbium	159-2	1843892	1900781	1922234	1888969	2.14	cps
Thallium	203-1	108	50	75	78	37.63	cps
Thallium	205-1	75	233	158	156	50.92	cps
Tin	118-1	300	258	292	283	7.78	cps
Titanium	47-1	650	717	650	672	5.73	cps
Uranium	238-1	92	42	58	64	39.85	cps
Vanadium	51-2	433	543	470	482	11.62	cps
Yttrium	89-1	3902030	3855329	3931938	3896432	0.99	cps
Yttrium	89-2	411152	429418	438150	426240	3.23	cps
Zinc	66-2	171027	179062	180791	176960	2.94	cps
Zirconium	90-1	308	225	325	286	18.72	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-03	Instrumnet Name :	P8
Client Sample ID :	MENS-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:08:02	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	75	67	69	6.93	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : K3003-05 Instrumnet Name : P8
 Client Sample ID : WOMENS-BATHROOM- Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 16:11:39 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	233	217	208	14.42	cps
Antimony	121-1	575	833	708	706	18.31	cps
Arsenic	75-2	33	36	26	32	16.21	cps
Barium	135-1	34228	34094	33601	33974	0.97	cps
Barium	137-1	58337	59375	58187	58633	1.10	cps
Beryllium	9-1	28	22	33	28	20.00	cps
Bismuth	209-1	2977444	2920285	2987521	2961750	1.22	cps
Bismuth	209-2	1246391	1298889	1316346	1287209	2.83	cps
Boron	10-1	1533	2000	1859	1797	13.31	cps
Boron	11-1	8544	8553	9954	9017	9.00	cps
Cadmium	111-1	655	599	654	636	5.03	cps
Cadmium	106-1	883	825	892	867	4.19	cps
Cadmium	108-1	25	17	17	19	24.73	cps
Calcium	43-1	193660	192731	194396	193596	0.43	cps
Calcium	44-1	3166638	3163594	3123880	3151370	0.76	cps
Chromium	52-2	870	773	847	830	6.08	cps
Cobalt	59-2	140	150	157	149	5.64	cps
Copper	63-2	323880	338453	345153	335829	3.24	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	50	33	42	42	20.00	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	58	75	58	64	15.06	cps
Gadolinium	160-2	13	13	17	14	13.35	cps
Holmium	165-1	4560632	4733835	4796234	4696900	2.60	cps
Holmium	165-2	1861043	1905359	1968699	1911700	2.83	cps
Indium	115-1	3635651	3607854	3826609	3690038	3.23	cps
Indium	115-2	511076	531291	547488	529952	3.44	cps
Iron	56-2	19525	19953	20070	19849	1.45	cps
Iron	57-2	444	600	589	544	15.94	cps
Lead	206-1	21001	20734	20322	20686	1.65	cps
Lead	207-1	16806	17095	16967	16956	0.85	cps
Lead	208-1	79308	79358	79175	79280	0.12	cps
Lithium	6-1	489211	494905	514302	499473	2.63	cps
Magnesium	24-2	386328	404155	411799	400761	3.26	cps
Manganese	55-2	4751	5191	4881	4941	4.58	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : K3003-05 Instrumnet Name : P8
 Client Sample ID : WOMENS-BATHROOM- DataFile Name : 036SMPL.d
 Date & Time Acquired :: 2019-05-25 16:11:39

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	658	633	575	622	6.87	cps
Molybdenum	95-1	833	917	808	853	6.65	cps
Molybdenum	96-1	933	1108	1058	1033	8.72	cps
Molybdenum	97-1	542	525	742	603	20.00	cps
Molybdenum	98-1	1442	1367	1442	1417	3.06	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	10384	11461	11892	11246	6.91	cps
Phosphorus	31-2	917	842	850	869	4.73	cps
Potassium	39-2	96202	104032	106199	102144	5.15	cps
Rhodium	103-1	3338825	3365500	3536141	3413489	3.14	cps
Rhodium	103-2	1531360	1604603	1633819	1589927	3.32	cps
Scandium	45-1	2097360	2077520	2171360	2115414	2.34	cps
Scandium	45-2	75323	79587	81786	78899	4.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	14	17	12	14	17.56	cps
Selenium	82-1	7	26	-35	-1	-4986.87	cps
Silicon	28-1	7245307	7361338	7172488	7259711	1.31	cps
Silver	109-1	83	50	58	64	27.15	cps
Silver	107-1	58	42	92	64	39.85	cps
Sodium	23-2	3474860	3599699	3638068	3570876	2.39	cps
Strontium	86-1	108427	108839	108975	108747	0.26	cps
Strontium	88-1	946232	962131	948642	952335	0.90	cps
Sulfur	34-1	314317	317413	316451	316060	0.50	cps
Terbium	159-1	4773658	4845935	4955720	4858437	1.89	cps
Terbium	159-2	1816764	1894524	1943221	1884836	3.38	cps
Thallium	203-1	75	83	42	67	33.07	cps
Thallium	205-1	167	158	117	147	18.20	cps
Tin	118-1	175	308	308	264	29.17	cps
Titanium	47-1	808	767	692	756	7.83	cps
Uranium	238-1	142	133	117	131	9.75	cps
Vanadium	51-2	453	463	463	460	1.25	cps
Yttrium	89-1	3756074	3761032	3988075	3835060	3.46	cps
Yttrium	89-2	411708	427321	439234	426088	3.24	cps
Zinc	66-2	122982	130392	133333	128902	4.14	cps
Zirconium	90-1	325	317	258	300	12.11	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-05	Instrumnet Name :	P8
Client Sample ID :	WOMENS-BATHROOM-/	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:11:39	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	83	75	92	24.05	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : K3003-07 Instrumnet Name : P8
 Client Sample ID : STAFF-BATHROOM-A Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 16:15:17 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	158	208	169	20.48	cps
Antimony	121-1	950	1017	950	972	3.96	cps
Arsenic	75-2	21	32	22	25	24.33	cps
Barium	135-1	35456	35256	35131	35281	0.47	cps
Barium	137-1	61769	62522	61702	61998	0.73	cps
Beryllium	9-1	11	11	28	17	57.75	cps
Bismuth	209-1	2990311	2960098	2974544	2974984	0.51	cps
Bismuth	209-2	1255097	1286416	1313516	1285009	2.28	cps
Boron	10-1	1892	1517	1734	1714	10.98	cps
Boron	11-1	8578	8603	9378	8853	5.14	cps
Cadmium	111-1	791	679	713	728	7.89	cps
Cadmium	106-1	1025	900	967	964	6.49	cps
Cadmium	108-1	38	25	67	43	49.66	cps
Calcium	43-1	203683	201646	205483	203604	0.94	cps
Calcium	44-1	3331265	3270753	3351966	3317994	1.27	cps
Chromium	52-2	780	773	840	798	4.60	cps
Cobalt	59-2	147	147	167	153	7.53	cps
Copper	63-2	745630	766274	789847	767250	2.88	cps
Dysprosium	156-1	33	42	8	28	62.46	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	7	7	20	11	69.25	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	4666747	4570233	4717660	4651547	1.61	cps
Holmium	165-2	1838287	1886557	1934757	1886534	2.56	cps
Indium	115-1	3641697	3650734	3689431	3660621	0.69	cps
Indium	115-2	511812	532236	540192	528080	2.77	cps
Iron	56-2	19202	19336	20148	19562	2.62	cps
Iron	57-2	461	644	539	548	16.79	cps
Lead	206-1	24112	24357	24407	24292	0.65	cps
Lead	207-1	19181	19682	20183	19682	2.54	cps
Lead	208-1	91485	92576	93567	92543	1.13	cps
Lithium	6-1	498293	500288	498920	499167	0.20	cps
Magnesium	24-2	407986	420799	433259	420681	3.00	cps
Manganese	55-2	3634	3671	3887	3731	3.67	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-07	Instrumnet Name :	P8
Client Sample ID :	STAFF-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:15:17	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	717	575	758	683	14.06	cps
Molybdenum	95-1	975	1083	1033	1031	5.26	cps
Molybdenum	96-1	1133	1208	1192	1178	3.34	cps
Molybdenum	97-1	617	717	708	681	8.15	cps
Molybdenum	98-1	1475	1600	1383	1486	7.32	cps
Neodymium	150-1	20	13	0	11	91.66	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	1313	1353	1280	1316	2.79	cps
Phosphorus	31-2	700	667	933	767	18.95	cps
Potassium	39-2	94172	98485	101177	97945	3.61	cps
Rhodium	103-1	3348393	3410255	3426735	3395128	1.22	cps
Rhodium	103-2	1540184	1604975	1588916	1578025	2.14	cps
Scandium	45-1	2121001	2161211	2128408	2136873	1.00	cps
Scandium	45-2	76560	78863	80646	78690	2.60	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	14	14	15	14	4.03	cps
Selenium	82-1	-9	-67	20	-19	-236.58	cps
Silicon	28-1	7499609	7677007	7483182	7553266	1.42	cps
Silver	109-1	192	233	175	200	15.02	cps
Silver	107-1	308	175	250	244	27.34	cps
Sodium	23-2	3579521	3715048	3837426	3710665	3.48	cps
Strontium	86-1	113317	115501	115334	114717	1.06	cps
Strontium	88-1	1005660	1002957	1001547	1003388	0.21	cps
Sulfur	34-1	324889	324681	324513	324694	0.06	cps
Terbium	159-1	4877428	4827112	4780851	4828464	1.00	cps
Terbium	159-2	1860088	1895155	1943461	1899568	2.20	cps
Thallium	203-1	67	33	58	53	32.88	cps
Thallium	205-1	133	125	167	142	15.56	cps
Tin	118-1	325	225	267	272	18.45	cps
Titanium	47-1	683	642	733	686	6.69	cps
Uranium	238-1	58	50	67	58	14.29	cps
Vanadium	51-2	483	473	510	489	3.88	cps
Yttrium	89-1	3871035	3825661	3829308	3842001	0.66	cps
Yttrium	89-2	410653	426434	433309	423465	2.74	cps
Zinc	66-2	228063	235430	241885	235126	2.94	cps
Zirconium	90-1	242	275	267	261	6.64	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-07	Instrumnet Name :	P8
Client Sample ID :	STAFF-BATHROOM-A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:15:17	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	58	83	64	27.16	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-09	Instrumnet Name :	P8
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:18:54	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	50	58	42	52.91	cps
Antimony	121-1	83	92	83	86	5.58	cps
Arsenic	75-2	1	4	1	2	86.60	cps
Barium	135-1	33	42	50	42	20.00	cps
Barium	137-1	83	100	58	81	26.04	cps
Beryllium	9-1	22	22	17	20	15.73	cps
Bismuth	209-1	2967697	2947488	2974048	2963078	0.47	cps
Bismuth	209-2	1255704	1283649	1288164	1275839	1.38	cps
Boron	10-1	392	267	458	372	26.14	cps
Boron	11-1	2109	2059	1859	2009	6.59	cps
Cadmium	111-1	628	755	753	712	10.19	cps
Cadmium	106-1	892	1083	1075	1017	10.66	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	442	408	517	456	12.18	cps
Calcium	44-1	10663	10321	10721	10568	2.05	cps
Chromium	52-2	780	910	763	818	9.82	cps
Cobalt	59-2	323	353	367	348	6.38	cps
Copper	63-2	590	553	547	563	4.14	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	17	0	8	8	100.02	cps
Erbium	164-2	3	3	17	8	99.04	cps
Gadolinium	160-1	8	33	17	19	65.47	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	4675328	4602445	4559524	4612432	1.27	cps
Holmium	165-2	1840828	1891428	1874201	1868819	1.38	cps
Indium	115-1	3647678	3690139	3662069	3666629	0.59	cps
Indium	115-2	511974	528571	531925	524157	2.04	cps
Iron	56-2	2167	2456	2550	2391	8.35	cps
Iron	57-2	72	72	44	63	25.46	cps
Lead	206-1	172	172	178	174	1.84	cps
Lead	207-1	122	139	128	130	6.54	cps
Lead	208-1	717	722	711	717	0.78	cps
Lithium	6-1	491271	501076	497531	496626	1.00	cps
Magnesium	24-2	183	150	75	136	40.77	cps
Manganese	55-2	33	73	53	53	37.50	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-09	Instrumnet Name :	P8
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:18:54	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	158	200	100	153	32.88	cps
Molybdenum	95-1	17	8	8	11	43.34	cps
Molybdenum	96-1	100	117	58	92	32.78	cps
Molybdenum	97-1	75	33	83	64	41.93	cps
Molybdenum	98-1	0	17	17	11	86.60	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	47	43	40	22.05	cps
Phosphorus	31-2	333	225	283	281	19.33	cps
Potassium	39-2	9145	9912	9587	9548	4.03	cps
Rhodium	103-1	3345885	3427247	3415353	3396162	1.29	cps
Rhodium	103-2	1520472	1609221	1598168	1575954	3.07	cps
Scandium	45-1	2048031	2054324	2123535	2075297	2.02	cps
Scandium	45-2	75173	78554	78269	77332	2.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	10	13	11	19.52	cps
Selenium	82-1	-45	18	-37	-22	-158.23	cps
Silicon	28-1	1156574	1159755	1188811	1168380	1.52	cps
Silver	109-1	42	75	67	61	28.38	cps
Silver	107-1	25	33	42	33	25.01	cps
Sodium	23-2	6402	6477	6293	6390	1.44	cps
Strontium	86-1	475	575	383	478	20.06	cps
Strontium	88-1	242	267	308	272	12.37	cps
Sulfur	34-1	146535	147680	148530	147582	0.68	cps
Terbium	159-1	4807197	4748145	4669125	4741489	1.46	cps
Terbium	159-2	1841999	1888946	1887538	1872828	1.43	cps
Thallium	203-1	17	33	33	28	34.63	cps
Thallium	205-1	25	83	92	67	54.49	cps
Tin	118-1	350	358	350	353	1.36	cps
Titanium	47-1	658	725	558	647	12.96	cps
Uranium	238-1	0	8	8	6	86.60	cps
Vanadium	51-2	20	23	10	18	39.03	cps
Yttrium	89-1	3817761	3835801	3866173	3839911	0.64	cps
Yttrium	89-2	404911	423349	429881	419381	3.09	cps
Zinc	66-2	297	317	397	337	15.72	cps
Zirconium	90-1	317	283	283	294	6.54	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3003-09	Instrumnet Name :	P8
Client Sample ID :	FIELD-BLANK	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:18:54	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	33	33	42	36	13.33	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : PB120044BL Instrumnet Name : P8
 Client Sample ID : PB120044BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 16:22:33 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	25	58	47	40.76	cps
Antimony	121-1	75	42	42	53	36.46	cps
Arsenic	75-2	2	0	5	2	107.85	cps
Barium	135-1	25	8	25	19	49.50	cps
Barium	137-1	33	75	50	53	39.74	cps
Beryllium	9-1	22	11	17	17	33.33	cps
Bismuth	209-1	3048792	3010630	3040954	3033459	0.66	cps
Bismuth	209-2	1282353	1310872	1323280	1305502	1.61	cps
Boron	10-1	383	225	250	286	29.75	cps
Boron	11-1	1408	1317	1517	1414	7.08	cps
Cadmium	111-1	598	563	555	572	3.92	cps
Cadmium	106-1	842	808	792	814	3.13	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	433	367	417	406	8.56	cps
Calcium	44-1	8228	9120	8294	8547	5.81	cps
Chromium	52-2	443	447	483	458	4.85	cps
Cobalt	59-2	53	37	57	49	21.91	cps
Copper	63-2	460	463	510	478	5.85	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	8	17	17	14	34.67	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	4734734	4720480	4710169	4721794	0.26	cps
Holmium	165-2	1866706	1931109	1978347	1925387	2.91	cps
Indium	115-1	3737999	3704294	3713777	3718690	0.47	cps
Indium	115-2	521728	538478	555551	538586	3.14	cps
Iron	56-2	1645	1506	1617	1589	4.63	cps
Iron	57-2	44	78	33	52	44.61	cps
Lead	206-1	94	56	100	83	29.06	cps
Lead	207-1	94	67	89	83	17.64	cps
Lead	208-1	389	339	372	367	6.94	cps
Lithium	6-1	507477	505807	511391	508225	0.56	cps
Magnesium	24-2	83	67	100	83	20.00	cps
Manganese	55-2	17	20	20	19	10.18	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : PB120044BL Instrumnet Name : P8
 Client Sample ID : PB120044BL Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 16:22:33 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	133	125	142	133	6.25	cps
Molybdenum	95-1	17	25	42	28	45.82	cps
Molybdenum	96-1	42	83	92	72	37.09	cps
Molybdenum	97-1	92	108	67	89	23.59	cps
Molybdenum	98-1	8	25	33	22	57.29	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	40	20	31	32.73	cps
Phosphorus	31-2	267	233	300	267	12.50	cps
Potassium	39-2	8144	9695	10371	9403	12.14	cps
Rhodium	103-1	3513293	3512122	3461477	3495631	0.85	cps
Rhodium	103-2	1563881	1604671	1679992	1616181	3.64	cps
Scandium	45-1	2194960	2188792	2166557	2183436	0.68	cps
Scandium	45-2	75287	80562	82051	79300	4.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	9	10	13	43.48	cps
Selenium	82-1	-17	-20	-75	-37	-87.55	cps
Silicon	28-1	1126025	1129073	1166215	1140438	1.96	cps
Silver	109-1	67	58	58	61	7.88	cps
Silver	107-1	75	75	75	75	0.00	cps
Sodium	23-2	4484	4718	4776	4659	3.31	cps
Strontium	86-1	417	450	433	433	3.85	cps
Strontium	88-1	83	75	100	86	14.78	cps
Sulfur	34-1	145255	146241	148211	146569	1.03	cps
Terbium	159-1	4926358	4901936	4948197	4925497	0.47	cps
Terbium	159-2	1857860	1935605	1953996	1915820	2.66	cps
Thallium	203-1	33	42	8	28	62.46	cps
Thallium	205-1	100	83	58	81	26.03	cps
Tin	118-1	158	142	167	156	8.18	cps
Titanium	47-1	650	592	625	622	4.70	cps
Uranium	238-1	17	50	17	28	69.27	cps
Vanadium	51-2	0	20	17	12	87.67	cps
Yttrium	89-1	3941582	3900655	3939902	3927380	0.59	cps
Yttrium	89-2	413456	431524	446113	430364	3.80	cps
Zinc	66-2	77	77	83	79	4.87	cps
Zirconium	90-1	233	375	308	306	23.19	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120044BL	Instrumnet Name :	P8
Client Sample ID :	PB120044BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:22:33	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	58	50	89	67.82	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : PB120044BS Instrumnet Name : P8
 Client Sample ID : PB120044BS Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 16:26:22 DataFile Name : 040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	177995	182889	189060	183315	3.02	cps
Antimony	121-1	2200152	2226010	2197734	2207965	0.71	cps
Arsenic	75-2	69196	72115	72887	71400	2.73	cps
Barium	135-1	2231883	2231676	2250989	2238183	0.50	cps
Barium	137-1	3869763	3862287	3900329	3877460	0.52	cps
Beryllium	9-1	273185	276563	277040	275596	0.76	cps
Bismuth	209-1	2997304	3009988	2996901	3001398	0.25	cps
Bismuth	209-2	1122537	1297412	1326211	1248720	8.83	cps
Boron	10-1	23228	24237	25515	24327	4.71	cps
Boron	11-1	116033	120158	123067	119752	2.95	cps
Cadmium	111-1	507024	508231	503455	506236	0.49	cps
Cadmium	106-1	52586	52569	50963	52040	1.79	cps
Cadmium	108-1	35016	35559	35279	35285	0.77	cps
Calcium	43-1	493718	500843	496699	497087	0.72	cps
Calcium	44-1	7847172	8075451	7821780	7914801	1.77	cps
Chromium	52-2	529023	548523	560579	546042	2.92	cps
Cobalt	59-2	890888	923123	944941	919651	2.96	cps
Copper	63-2	1362636	1404537	1433892	1400355	2.56	cps
Dysprosium	156-1	58	8	42	36	70.51	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	25	8	42	25	66.68	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	25	50	50	42	34.64	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	4763573	4843203	4654551	4753776	1.99	cps
Holmium	165-2	1662601	1948604	1997595	1869600	9.68	cps
Indium	115-1	3633918	3709584	3692867	3678789	1.08	cps
Indium	115-2	444049	528346	541963	504786	10.51	cps
Iron	56-2	19470016	20136480	20904681	20170393	3.56	cps
Iron	57-2	485899	502106	510870	499625	2.54	cps
Lead	206-1	1387026	1381527	1373935	1380829	0.48	cps
Lead	207-1	1220924	1228525	1225959	1225136	0.32	cps
Lead	208-1	5656891	5667891	5662879	5662554	0.10	cps
Lithium	6-1	512908	525492	525902	521434	1.42	cps
Magnesium	24-2	2920866	2985941	3082560	2996456	2.72	cps
Manganese	55-2	448675	467197	478878	464917	3.28	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120044BS	Instrumnet Name :	P8
Client Sample ID :	PB120044BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:26:22	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3739218	3769566	3707894	3738893	0.82	cps
Molybdenum	95-1	4639140	4694699	4711367	4681736	0.81	cps
Molybdenum	96-1	5086620	5155116	5118230	5119989	0.67	cps
Molybdenum	97-1	2846565	2861213	2876657	2861478	0.53	cps
Molybdenum	98-1	7330725	7260541	7268059	7286442	0.53	cps
Neodymium	150-1	67	60	120	82	39.99	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	244752	254417	257117	252095	2.58	cps
Phosphorus	31-2	13832	14658	15134	14541	4.53	cps
Potassium	39-2	1215431	1269958	1308462	1264617	3.70	cps
Rhodium	103-1	3448511	3388447	3384421	3407126	1.05	cps
Rhodium	103-2	1340055	1535993	1626569	1500872	9.76	cps
Scandium	45-1	2150796	2187929	2147051	2161925	1.05	cps
Scandium	45-2	68044	78947	81105	76032	9.21	cps
Selenium	77-2	887	933	1047	956	8.61	cps
Selenium	78-2	3023	3167	3219	3136	3.24	cps
Selenium	82-1	30489	30704	30304	30499	0.66	cps
Silicon	28-1	1884932	1899847	1924528	1903102	1.05	cps
Silver	109-1	2306387	2305035	2297480	2302967	0.21	cps
Silver	107-1	2348298	2315992	2326104	2330131	0.71	cps
Sodium	23-2	6329977	6577108	6688240	6531775	2.81	cps
Strontium	86-1	577768	579079	567414	574754	1.11	cps
Strontium	88-1	5010599	4967795	4976874	4985089	0.45	cps
Sulfur	34-1	275548	280434	278426	278136	0.88	cps
Terbium	159-1	4960070	4912388	4955044	4942501	0.53	cps
Terbium	159-2	1656960	1940643	1983105	1860236	9.53	cps
Thallium	203-1	1739685	1745664	1669919	1718423	2.45	cps
Thallium	205-1	4088177	4080305	3959712	4042731	1.78	cps
Tin	118-1	1511132	1501380	1487698	1500070	0.78	cps
Titanium	47-1	1133515	1146419	1141234	1140389	0.57	cps
Uranium	238-1	5215602	5168047	5155837	5179829	0.61	cps
Vanadium	51-2	421797	435156	441622	432858	2.34	cps
Yttrium	89-1	3889507	3974464	3923173	3929048	1.09	cps
Yttrium	89-2	362784	426454	442690	410642	10.28	cps
Zinc	66-2	179934	186957	190984	185958	3.01	cps
Zirconium	90-1	3036974	3080877	3072320	3063390	0.76	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120044BS	Instrumnet Name :	P8
Client Sample ID :	PB120044BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:26:22	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	688603	694333	690291	691076	0.43	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:29:58	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	943298	975540	1013516	977451	3.60	cps
Antimony	121-1	2131422	2148945	2178418	2152928	1.10	cps
Arsenic	75-2	67949	70887	72671	70503	3.38	cps
Barium	135-1	2176977	2227622	2234246	2212949	1.42	cps
Barium	137-1	3803168	3837597	3865600	3835455	0.82	cps
Beryllium	9-1	276339	287005	288655	284000	2.35	cps
Bismuth	209-1	2874231	2873166	2872414	2873270	0.03	cps
Bismuth	209-2	1166403	1214963	1245155	1208840	3.29	cps
Boron	10-1	26216	27811	28437	27488	4.17	cps
Boron	11-1	129690	135383	142233	135769	4.63	cps
Cadmium	111-1	488769	491107	493649	491175	0.50	cps
Cadmium	106-1	49851	50227	51013	50364	1.18	cps
Cadmium	108-1	34728	34690	34791	34736	0.15	cps
Calcium	43-1	2346234	2382603	2414084	2380974	1.43	cps
Calcium	44-1	37634993	38153766	38522195	38103651	1.17	cps
Chromium	52-2	526773	546181	562714	545223	3.30	cps
Cobalt	59-2	883015	906368	932680	907354	2.74	cps
Copper	63-2	1301409	1346630	1381325	1343122	2.98	cps
Dysprosium	156-1	58	17	33	36	58.07	cps
Dysprosium	156-2	13	7	3	8	65.47	cps
Erbium	164-1	67	17	33	39	65.47	cps
Erbium	164-2	0	10	23	11	105.35	cps
Gadolinium	160-1	33	42	17	31	41.66	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	4669238	4644085	4716778	4676700	0.79	cps
Holmium	165-2	1767311	1872832	1932022	1857388	4.49	cps
Indium	115-1	3553159	3559439	3590685	3567761	0.56	cps
Indium	115-2	479748	506589	522649	502995	4.31	cps
Iron	56-2	93936566	98444558	100253016	97544713	3.33	cps
Iron	57-2	2397666	2471718	2540774	2470052	2.90	cps
Lead	206-1	1332692	1341104	1352430	1342075	0.74	cps
Lead	207-1	1184464	1192009	1195748	1190740	0.48	cps
Lead	208-1	5441558	5490061	5555042	5495554	1.04	cps
Lithium	6-1	516404	528580	535532	526839	1.84	cps
Magnesium	24-2	13909473	14322620	14708689	14313594	2.79	cps
Manganese	55-2	446545	464450	477476	462824	3.36	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:29:58	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3750027	3737636	3749112	3745592	0.18	cps
Molybdenum	95-1	4603651	4685155	4615190	4634665	0.95	cps
Molybdenum	96-1	5062448	5120980	5181657	5121695	1.16	cps
Molybdenum	97-1	2869239	2884808	2886682	2880243	0.33	cps
Molybdenum	98-1	7301697	7396487	7332004	7343396	0.66	cps
Neodymium	150-1	80	200	120	133	45.83	cps
Neodymium	150-2	27	3	13	14	81.07	cps
Nickel	60-2	238535	245547	251179	245087	2.58	cps
Phosphorus	31-2	13990	15050	15559	14866	5.38	cps
Potassium	39-2	5931041	6138537	6425013	6164864	4.02	cps
Rhodium	103-1	3239944	3263072	3291248	3264755	0.79	cps
Rhodium	103-2	1415621	1503886	1521002	1480169	3.82	cps
Scandium	45-1	2115975	2181162	2112216	2136451	1.81	cps
Scandium	45-2	73822	78313	81246	77794	4.81	cps
Selenium	77-2	877	953	950	927	4.68	cps
Selenium	78-2	2962	2998	3113	3024	2.61	cps
Selenium	82-1	29774	29539	30501	29938	1.67	cps
Silicon	28-1	1853355	1887118	1921586	1887353	1.81	cps
Silver	109-1	2174522	2184472	2240446	2199813	1.62	cps
Silver	107-1	2204423	2265572	2275069	2248354	1.71	cps
Sodium	23-2	30771967	31402619	32758414	31644334	3.21	cps
Strontium	86-1	571269	582437	577123	576943	0.97	cps
Strontium	88-1	4958493	5023240	4968192	4983308	0.70	cps
Sulfur	34-1	281558	282806	284833	283066	0.58	cps
Terbium	159-1	4809970	4876787	4859489	4848749	0.72	cps
Terbium	159-2	1794140	1886262	1905154	1861852	3.19	cps
Thallium	203-1	1652846	1681081	1693332	1675753	1.24	cps
Thallium	205-1	3989717	3940800	4055417	3995311	1.44	cps
Tin	118-1	1471800	1471683	1495084	1479522	0.91	cps
Titanium	47-1	1142655	1163763	1177788	1161402	1.52	cps
Uranium	238-1	5069577	5141446	5200401	5137141	1.28	cps
Vanadium	51-2	415920	433049	448022	432330	3.72	cps
Yttrium	89-1	3840183	3876312	3801383	3839293	0.98	cps
Yttrium	89-2	398261	419359	432342	416654	4.13	cps
Zinc	66-2	174978	182654	186161	181264	3.16	cps
Zirconium	90-1	3064819	3118474	3143640	3108978	1.29	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:29:58	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	693447	695403	697729	695527	0.31	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P8
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 16:36:23 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	42	33	42	20.00	cps
Antimony	121-1	217	208	217	214	2.25	cps
Arsenic	75-2	1	2	2	2	34.64	cps
Barium	135-1	8	8	25	14	69.31	cps
Barium	137-1	33	67	58	53	32.88	cps
Beryllium	9-1	83	67	28	59	48.10	cps
Bismuth	209-1	2915714	3003270	2943101	2954028	1.52	cps
Bismuth	209-2	1188202	1239447	1250807	1226152	2.72	cps
Boron	10-1	1158	1567	1233	1320	16.47	cps
Boron	11-1	7035	7244	7152	7144	1.46	cps
Cadmium	111-1	568	654	691	638	9.85	cps
Cadmium	106-1	800	908	983	897	10.27	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Calcium	43-1	375	300	400	358	14.52	cps
Calcium	44-1	8678	9537	8761	8992	5.27	cps
Chromium	52-2	410	517	390	439	15.52	cps
Cobalt	59-2	60	77	77	71	13.53	cps
Copper	63-2	550	590	627	589	6.51	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	25	25	0	17	86.60	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	4651247	4670328	4682905	4668160	0.34	cps
Holmium	165-2	1720194	1825036	1840231	1795154	3.64	cps
Indium	115-1	3650338	3767263	3734115	3717239	1.62	cps
Indium	115-2	484847	504403	517095	502115	3.24	cps
Iron	56-2	1850	1956	1822	1876	3.75	cps
Iron	57-2	67	17	61	48	56.91	cps
Lead	206-1	394	433	339	389	12.21	cps
Lead	207-1	311	333	328	324	3.57	cps
Lead	208-1	1622	1622	1189	1478	16.93	cps
Lithium	6-1	525307	542999	546483	538263	2.11	cps
Magnesium	24-2	150	92	75	106	37.31	cps
Manganese	55-2	53	33	53	47	24.75	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P8
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 16:36:23 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	100	175	158	144	27.27	cps
Molybdenum	95-1	42	42	67	50	28.87	cps
Molybdenum	96-1	67	83	83	78	12.37	cps
Molybdenum	97-1	83	67	92	81	15.80	cps
Molybdenum	98-1	58	67	83	69	18.33	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	37	43	33	38	13.48	cps
Phosphorus	31-2	283	233	333	283	17.65	cps
Potassium	39-2	8695	9170	9437	9100	4.13	cps
Rhodium	103-1	3412713	3482395	3473240	3456116	1.10	cps
Rhodium	103-2	1450177	1506441	1582159	1512926	4.38	cps
Scandium	45-1	2068526	2215134	2192899	2158853	3.66	cps
Scandium	45-2	71685	74871	75859	74138	2.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	8	11	11	10	17.32	cps
Selenium	82-1	-42	-36	32	-15	-270.79	cps
Silicon	28-1	1149912	1167037	1181508	1166152	1.36	cps
Silver	109-1	342	275	258	292	15.12	cps
Silver	107-1	383	317	283	328	15.54	cps
Sodium	23-2	6802	6343	6668	6605	3.57	cps
Strontium	86-1	492	425	408	442	9.98	cps
Strontium	88-1	42	75	75	64	30.12	cps
Sulfur	34-1	150980	153542	154655	153059	1.23	cps
Terbium	159-1	4753362	4886545	4876839	4838915	1.53	cps
Terbium	159-2	1731954	1782130	1837183	1783756	2.95	cps
Thallium	203-1	17	83	67	56	62.45	cps
Thallium	205-1	158	217	100	158	36.84	cps
Tin	118-1	133	242	150	175	33.33	cps
Titanium	47-1	625	692	683	667	5.45	cps
Uranium	238-1	42	8	25	25	66.68	cps
Vanadium	51-2	13	20	0	11	91.66	cps
Yttrium	89-1	3776689	3913433	3924581	3871568	2.13	cps
Yttrium	89-2	384015	406794	416601	402470	4.15	cps
Zinc	66-2	50	70	57	59	17.29	cps
Zirconium	90-1	317	275	350	314	11.97	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:36:23	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	117	67	94	26.96	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-01	Instrumnet Name :	P8
Client Sample ID :	S73-0227	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:40:02	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	358	342	367	8.19	cps
Antimony	121-1	12915	10121	8920	10652	19.24	cps
Arsenic	75-2	16361	16975	17566	16967	3.55	cps
Barium	135-1	9887	10555	10855	10432	4.75	cps
Barium	137-1	16936	18972	17896	17935	5.68	cps
Beryllium	9-1	11	22	17	17	33.33	cps
Bismuth	209-1	3351033	3405787	3376419	3377746	0.81	cps
Bismuth	209-2	1196113	1228098	1248523	1224245	2.16	cps
Boron	10-1	1692	2050	2050	1931	10.72	cps
Boron	11-1	8811	8886	9036	8911	1.29	cps
Cadmium	111-1	628	675	581	628	7.46	cps
Cadmium	106-1	767	875	733	792	9.36	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	612023	629830	628561	623471	1.59	cps
Calcium	44-1	9625491	10391752	10166903	10061382	3.91	cps
Chromium	52-2	573	647	713	644	10.87	cps
Cobalt	59-2	960	843	947	917	6.97	cps
Copper	63-2	5945	6258	6505	6236	4.50	cps
Dysprosium	156-1	92	83	117	97	17.84	cps
Dysprosium	156-2	40	37	40	39	4.94	cps
Erbium	164-1	158	175	142	158	10.53	cps
Erbium	164-2	57	37	47	47	21.43	cps
Gadolinium	160-1	25	83	75	61	51.63	cps
Gadolinium	160-2	47	53	43	48	10.66	cps
Holmium	165-1	4604676	4733437	4876106	4738073	2.87	cps
Holmium	165-2	1645565	1703055	1764795	1704471	3.50	cps
Indium	115-1	3549024	3637968	3642883	3609958	1.46	cps
Indium	115-2	439464	459692	469814	456323	3.39	cps
Iron	56-2	9282225	9513793	10044299	9613439	4.06	cps
Iron	57-2	229017	239587	247671	238758	3.92	cps
Lead	206-1	900	617	639	719	21.93	cps
Lead	207-1	617	644	639	633	2.32	cps
Lead	208-1	3206	2639	2595	2813	12.11	cps
Lithium	6-1	445322	459551	458690	454521	1.76	cps
Magnesium	24-2	797938	820608	839680	819409	2.55	cps
Manganese	55-2	782106	815401	834818	810775	3.29	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-01	Instrumnet Name :	P8
Client Sample ID :	S73-0227	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:40:02	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1292	1375	1383	1350	3.76	cps
Molybdenum	95-1	1892	1984	2092	1989	5.03	cps
Molybdenum	96-1	2042	2042	1842	1975	5.85	cps
Molybdenum	97-1	1400	1242	1483	1375	8.93	cps
Molybdenum	98-1	2859	3117	3050	3009	4.46	cps
Neodymium	150-1	127	113	27	89	61.08	cps
Neodymium	150-2	33	13	30	26	41.94	cps
Nickel	60-2	380	423	413	406	5.60	cps
Phosphorus	31-2	258	283	275	272	4.68	cps
Potassium	39-2	265068	281616	285389	277358	3.90	cps
Rhodium	103-1	3145863	3290704	3266371	3234313	2.40	cps
Rhodium	103-2	1358909	1420462	1455146	1411506	3.45	cps
Scandium	45-1	1598504	1660197	1650760	1636487	2.03	cps
Scandium	45-2	63901	66841	67993	66245	3.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	10	7	8	21.65	cps
Selenium	82-1	-48	-41	30	-20	-216.88	cps
Silicon	28-1	14525593	14223265	14361199	14370019	1.05	cps
Silver	109-1	2325	2192	1975	2164	8.16	cps
Silver	107-1	2492	2234	1850	2192	14.73	cps
Sodium	23-2	2579202	2650050	2672046	2633766	1.84	cps
Strontium	86-1	850867	864522	880632	865340	1.72	cps
Strontium	88-1	7312548	7498757	7597117	7469474	1.93	cps
Sulfur	34-1	144001	146250	144288	144846	0.84	cps
Terbium	159-1	4829174	4991408	5014165	4944916	2.04	cps
Terbium	159-2	1678798	1701104	1737784	1705895	1.75	cps
Thallium	203-1	125	83	125	111	21.65	cps
Thallium	205-1	258	258	250	256	1.88	cps
Tin	118-1	2909	2925	2684	2839	4.75	cps
Titanium	47-1	775	592	658	675	13.75	cps
Uranium	238-1	50379	51442	51408	51076	1.18	cps
Vanadium	51-2	130	150	160	147	10.41	cps
Yttrium	89-1	3609766	3661585	3719769	3663706	1.50	cps
Yttrium	89-2	349029	367247	374097	363458	3.56	cps
Zinc	66-2	1153	1170	1350	1225	8.91	cps
Zirconium	90-1	525	517	583	542	6.71	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-01	Instrumnet Name :	P8
Client Sample ID :	S73-0227	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:40:02	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	150	133	142	5.88	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-02	Instrumnet Name :	P8
Client Sample ID :	S73-0228	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:43:39	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	258	350	319	16.57	cps
Antimony	121-1	8678	7569	7577	7941	8.03	cps
Arsenic	75-2	528	549	552	543	2.41	cps
Barium	135-1	10079	10605	10763	10482	3.41	cps
Barium	137-1	17403	18864	18530	18266	4.19	cps
Beryllium	9-1	28	28	11	22	43.31	cps
Bismuth	209-1	3154648	3294516	3260577	3236580	2.25	cps
Bismuth	209-2	1180158	1223470	1249654	1217761	2.88	cps
Boron	10-1	1775	1809	1867	1817	2.55	cps
Boron	11-1	8469	8403	9036	8636	4.03	cps
Cadmium	111-1	610	768	698	692	11.50	cps
Cadmium	106-1	675	892	767	778	13.98	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	522479	546350	548117	538982	2.66	cps
Calcium	44-1	8576181	8661213	8730402	8655932	0.89	cps
Chromium	52-2	667	710	750	709	5.88	cps
Cobalt	59-2	2497	2590	2627	2571	2.61	cps
Copper	63-2	3931	4074	4227	4077	3.64	cps
Dysprosium	156-1	75	58	83	72	17.63	cps
Dysprosium	156-2	27	10	27	21	45.58	cps
Erbium	164-1	100	75	133	103	28.48	cps
Erbium	164-2	13	20	30	21	39.75	cps
Gadolinium	160-1	75	67	92	78	16.37	cps
Gadolinium	160-2	23	30	27	27	12.51	cps
Holmium	165-1	4763504	4980717	5018724	4920982	2.80	cps
Holmium	165-2	1720201	1788337	1766510	1758349	1.98	cps
Indium	115-1	3684133	3728624	3705390	3706049	0.60	cps
Indium	115-2	443034	461701	474029	459588	3.40	cps
Iron	56-2	575683	600306	617204	597731	3.49	cps
Iron	57-2	14352	14825	15709	14962	4.60	cps
Lead	206-1	439	444	522	469	9.94	cps
Lead	207-1	472	472	494	480	2.67	cps
Lead	208-1	1895	2033	1933	1954	3.67	cps
Lithium	6-1	425141	437651	436244	433012	1.58	cps
Magnesium	24-2	976091	1024182	1047296	1015856	3.58	cps
Manganese	55-2	934586	984091	1007686	975454	3.82	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-02	Instrumnet Name :	P8
Client Sample ID :	S73-0228	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:43:39	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1125	1267	1150	1181	6.41	cps
Molybdenum	95-1	1717	1800	1825	1781	3.19	cps
Molybdenum	96-1	2234	1884	1775	1964	12.20	cps
Molybdenum	97-1	1200	1267	1225	1231	2.74	cps
Molybdenum	98-1	2700	3075	2934	2903	6.52	cps
Neodymium	150-1	47	87	20	51	65.65	cps
Neodymium	150-2	23	7	10	13	66.12	cps
Nickel	60-2	1240	1350	1387	1326	5.76	cps
Phosphorus	31-2	242	258	225	242	6.90	cps
Potassium	39-2	183007	193233	199045	191761	4.23	cps
Rhodium	103-1	3209590	3358885	3304231	3290902	2.30	cps
Rhodium	103-2	1390357	1445803	1479931	1438697	3.14	cps
Scandium	45-1	1560994	1636748	1638079	1611940	2.74	cps
Scandium	45-2	63305	66707	68144	66052	3.76	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	13	16	12	14	15.23	cps
Selenium	82-1	-3	88	-30	18	341.62	cps
Silicon	28-1	7211288	7484837	7481303	7392476	2.12	cps
Silver	109-1	692	617	725	678	8.19	cps
Silver	107-1	658	783	642	694	11.15	cps
Sodium	23-2	1841975	1874236	1962766	1892992	3.30	cps
Strontium	86-1	480116	492160	493451	488576	1.51	cps
Strontium	88-1	4130082	4327708	4383121	4280304	3.11	cps
Sulfur	34-1	173435	176539	172415	174130	1.23	cps
Terbium	159-1	4880860	5105629	5155374	5047288	2.90	cps
Terbium	159-2	1685045	1755822	1798722	1746529	3.29	cps
Thallium	203-1	75	83	100	86	14.78	cps
Thallium	205-1	342	150	233	242	39.77	cps
Tin	118-1	2100	2059	2092	2084	1.06	cps
Titanium	47-1	667	650	700	672	3.79	cps
Uranium	238-1	21536	22463	22204	22067	2.17	cps
Vanadium	51-2	153	180	180	171	9.00	cps
Yttrium	89-1	3678490	3791260	3835929	3768559	2.15	cps
Yttrium	89-2	354429	366475	377447	366117	3.14	cps
Zinc	66-2	2197	2317	2300	2271	2.86	cps
Zirconium	90-1	350	233	358	314	22.27	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-02	Instrumnet Name :	P8
Client Sample ID :	S73-0228	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:43:39	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	75	92	78	16.37	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-03	Instrumnet Name :	P8
Client Sample ID :	S73-0226	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:47:17	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	258	300	292	10.30	cps
Antimony	121-1	7085	6644	6777	6835	3.32	cps
Arsenic	75-2	822	902	878	867	4.73	cps
Barium	135-1	6752	7344	7227	7108	4.41	cps
Barium	137-1	12715	12731	12840	12762	0.53	cps
Beryllium	9-1	50	17	39	35	48.23	cps
Bismuth	209-1	3205951	3288294	3283980	3259408	1.42	cps
Bismuth	209-2	1221579	1273640	1286762	1260660	2.73	cps
Boron	10-1	1083	1117	1133	1111	2.29	cps
Boron	11-1	5576	5818	5518	5637	2.82	cps
Cadmium	111-1	3148	3422	3320	3296	4.20	cps
Cadmium	106-1	1033	1075	1017	1042	2.88	cps
Cadmium	108-1	192	146	150	163	15.60	cps
Calcium	43-1	121018	125809	122851	123226	1.96	cps
Calcium	44-1	1924653	1990589	2049966	1988403	3.15	cps
Chromium	52-2	683	760	817	753	8.88	cps
Cobalt	59-2	107	70	97	91	20.80	cps
Copper	63-2	4661	4971	4698	4776	3.55	cps
Dysprosium	156-1	8	50	83	47	79.58	cps
Dysprosium	156-2	17	10	20	16	32.73	cps
Erbium	164-1	8	75	50	44	75.78	cps
Erbium	164-2	27	20	10	19	44.42	cps
Gadolinium	160-1	17	25	50	31	56.77	cps
Gadolinium	160-2	17	47	17	27	64.94	cps
Holmium	165-1	4876297	4945668	4983174	4935046	1.10	cps
Holmium	165-2	1745584	1821446	1856768	1807932	3.14	cps
Indium	115-1	3630727	3715929	3796189	3714282	2.23	cps
Indium	115-2	456571	476250	487059	473293	3.27	cps
Iron	56-2	75609	79537	80492	78546	3.29	cps
Iron	57-2	1917	1811	2072	1934	6.79	cps
Lead	206-1	617	717	667	667	7.50	cps
Lead	207-1	600	461	478	513	14.78	cps
Lead	208-1	2622	2545	2667	2611	2.37	cps
Lithium	6-1	416885	423892	428770	423182	1.41	cps
Magnesium	24-2	184827	189783	192053	188888	1.96	cps
Manganese	55-2	32043	33811	34439	33431	3.72	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-03	Instrumnet Name :	P8
Client Sample ID :	S73-0226	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:47:17	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1075	1208	1117	1133	6.02	cps
Molybdenum	95-1	683	650	692	675	3.27	cps
Molybdenum	96-1	733	950	1000	895	15.85	cps
Molybdenum	97-1	383	583	542	503	20.99	cps
Molybdenum	98-1	1292	1375	1300	1322	3.47	cps
Neodymium	150-1	53	40	47	47	14.29	cps
Neodymium	150-2	3	10	17	10	66.70	cps
Nickel	60-2	320	310	350	327	6.37	cps
Phosphorus	31-2	275	242	283	267	8.27	cps
Potassium	39-2	116126	123487	125874	121829	4.17	cps
Rhodium	103-1	3248769	3368519	3423139	3346809	2.66	cps
Rhodium	103-2	1423575	1484874	1527226	1478559	3.52	cps
Scandium	45-1	1539551	1572209	1582905	1564888	1.44	cps
Scandium	45-2	64286	67749	69480	67172	3.94	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	10	7	8	8	18.33	cps
Selenium	82-1	-35	-27	19	-14	-198.99	cps
Silicon	28-1	4905556	4978957	4933211	4939241	0.75	cps
Silver	109-1	458	333	367	386	16.76	cps
Silver	107-1	400	400	433	411	4.68	cps
Sodium	23-2	6100624	6302382	6402558	6268521	2.45	cps
Strontium	86-1	77905	81601	82414	80640	2.98	cps
Strontium	88-1	673224	698916	711103	694414	2.78	cps
Sulfur	34-1	160941	163654	159997	161530	1.18	cps
Terbium	159-1	4979899	5139931	5217060	5112297	2.37	cps
Terbium	159-2	1746740	1835742	1841859	1808114	2.94	cps
Thallium	203-1	58	50	33	47	26.97	cps
Thallium	205-1	133	275	200	203	34.95	cps
Tin	118-1	1725	1650	1583	1653	4.29	cps
Titanium	47-1	700	583	567	617	11.78	cps
Uranium	238-1	18932	20259	20150	19780	3.72	cps
Vanadium	51-2	253	343	303	300	15.03	cps
Yttrium	89-1	3658290	3692676	3785102	3712023	1.77	cps
Yttrium	89-2	357605	380315	385173	374364	3.93	cps
Zinc	66-2	1677	1630	1923	1743	9.04	cps
Zirconium	90-1	1700	1225	1767	1564	18.89	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-03	Instrumnet Name :	P8
Client Sample ID :	S73-0226	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:47:17	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	317	408	353	13.84	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-04	Instrumnet Name :	P8
Client Sample ID :	S73-0224	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:50:55	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	433	550	533	506	12.48	cps
Antimony	121-1	6668	5951	5651	6090	8.58	cps
Arsenic	75-2	13293	13752	13957	13667	2.49	cps
Barium	135-1	11997	11964	12640	12200	3.12	cps
Barium	137-1	20758	21176	22136	21356	3.31	cps
Beryllium	9-1	33	22	56	37	45.84	cps
Bismuth	209-1	3286165	3449235	2757857	3164419	11.42	cps
Bismuth	209-2	1211326	1253182	1283196	1249235	2.89	cps
Boron	10-1	1367	1267	1317	1317	3.80	cps
Boron	11-1	6343	5810	6143	6099	4.42	cps
Cadmium	111-1	614	695	547	619	11.94	cps
Cadmium	106-1	850	975	767	864	12.14	cps
Cadmium	108-1	8	13	21	14	45.83	cps
Calcium	43-1	351053	349445	355892	352130	0.95	cps
Calcium	44-1	5683501	5657639	5745106	5695415	0.79	cps
Chromium	52-2	703	847	777	776	9.24	cps
Cobalt	59-2	947	970	953	957	1.26	cps
Copper	63-2	4507	4447	4514	4490	0.82	cps
Dysprosium	156-1	33	8	42	28	62.46	cps
Dysprosium	156-2	23	10	20	18	39.03	cps
Erbium	164-1	83	92	100	92	9.09	cps
Erbium	164-2	27	23	37	29	24.03	cps
Gadolinium	160-1	75	58	58	64	15.06	cps
Gadolinium	160-2	27	27	33	29	13.31	cps
Holmium	165-1	5019433	5271730	4222875	4838013	11.32	cps
Holmium	165-2	1754300	1800556	1866870	1807242	3.13	cps
Indium	115-1	3751243	3895268	3156719	3601076	10.87	cps
Indium	115-2	448402	466994	478812	464736	3.30	cps
Iron	56-2	3719526	3903131	3933974	3852211	3.01	cps
Iron	57-2	92409	95692	95004	94368	1.83	cps
Lead	206-1	1017	1117	1078	1070	4.71	cps
Lead	207-1	833	883	839	852	3.22	cps
Lead	208-1	4045	4356	4078	4160	4.11	cps
Lithium	6-1	422090	439589	375651	412443	8.01	cps
Magnesium	24-2	478015	491923	505985	491974	2.84	cps
Manganese	55-2	973015	1019780	1033776	1008857	3.15	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-04	Instrumnet Name :	P8
Client Sample ID :	S73-0224	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:50:55	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25073	24648	25132	24951	1.06	cps
Molybdenum	95-1	43403	43169	44891	43821	2.13	cps
Molybdenum	96-1	46814	46329	47107	46750	0.84	cps
Molybdenum	97-1	27587	28105	27971	27888	0.96	cps
Molybdenum	98-1	70592	69234	72761	70862	2.51	cps
Neodymium	150-1	60	53	67	60	11.12	cps
Neodymium	150-2	13	23	7	14	58.06	cps
Nickel	60-2	500	617	527	548	11.16	cps
Phosphorus	31-2	417	392	367	392	6.38	cps
Potassium	39-2	152349	157277	162502	157376	3.23	cps
Rhodium	103-1	3319738	3483105	2877133	3226658	9.72	cps
Rhodium	103-2	1411165	1461593	1522887	1465215	3.82	cps
Scandium	45-1	1543841	1629246	1305690	1492926	11.23	cps
Scandium	45-2	63720	65897	67344	65653	2.78	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	8	10	10	9	12.37	cps
Selenium	82-1	-40	-10	-8	-19	-92.31	cps
Silicon	28-1	10135455	9854070	9798047	9929191	1.82	cps
Silver	109-1	525	375	300	400	28.64	cps
Silver	107-1	500	400	450	450	11.11	cps
Sodium	23-2	2651916	2773967	2839761	2755215	3.46	cps
Strontium	86-1	326902	327702	331674	328759	0.78	cps
Strontium	88-1	2884937	2834152	2929077	2882722	1.65	cps
Sulfur	34-1	132457	133499	133786	133247	0.52	cps
Terbium	159-1	5124522	5452992	4375979	4984497	11.07	cps
Terbium	159-2	1716641	1797558	1828875	1781024	3.25	cps
Thallium	203-1	33	25	42	33	25.01	cps
Thallium	205-1	142	142	108	131	14.74	cps
Tin	118-1	1775	1850	1717	1781	3.75	cps
Titanium	47-1	808	858	817	828	3.24	cps
Uranium	238-1	6160	6669	6560	6463	4.15	cps
Vanadium	51-2	280	237	223	247	12.01	cps
Yttrium	89-1	3724023	3825533	3103942	3551166	11.00	cps
Yttrium	89-2	354849	371488	378421	368253	3.29	cps
Zinc	66-2	1230	1330	1433	1331	7.64	cps
Zirconium	90-1	458	425	392	425	7.84	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-04	Instrumnet Name :	P8
Client Sample ID :	S73-0224	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:50:55	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	208	125	153	31.49	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-05	Instrumnet Name :	P8
Client Sample ID :	S73-0225	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:54:32	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500	675	617	597	14.92	cps
Antimony	121-1	6552	5251	5576	5793	11.68	cps
Arsenic	75-2	12855	13677	13913	13482	4.12	cps
Barium	135-1	11647	12264	12173	12028	2.77	cps
Barium	137-1	20625	21510	20992	21042	2.11	cps
Beryllium	9-1	33	17	22	24	35.24	cps
Bismuth	209-1	3383779	3368673	3374088	3375513	0.23	cps
Bismuth	209-2	1184104	1171796	1265493	1207131	4.22	cps
Boron	10-1	1233	1042	1400	1225	14.64	cps
Boron	11-1	5943	5693	6610	6082	7.79	cps
Cadmium	111-1	590	683	517	597	13.96	cps
Cadmium	106-1	792	925	708	808	13.52	cps
Cadmium	108-1	8	8	29	15	78.76	cps
Calcium	43-1	345904	348561	347328	347264	0.38	cps
Calcium	44-1	5676444	5657293	5611268	5648335	0.59	cps
Chromium	52-2	783	930	853	856	8.57	cps
Cobalt	59-2	1053	947	1083	1028	6.99	cps
Copper	63-2	4251	4321	4597	4390	4.18	cps
Dysprosium	156-1	17	58	92	56	67.63	cps
Dysprosium	156-2	13	30	17	20	44.10	cps
Erbium	164-1	67	50	92	69	30.20	cps
Erbium	164-2	17	13	37	22	56.80	cps
Gadolinium	160-1	50	58	58	56	8.66	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	5091953	5107661	5146066	5115227	0.54	cps
Holmium	165-2	1722317	1667939	1860210	1750156	5.66	cps
Indium	115-1	3741814	3837956	3808739	3796169	1.30	cps
Indium	115-2	444208	431240	482532	452660	5.89	cps
Iron	56-2	3571976	3810618	3884449	3755681	4.35	cps
Iron	57-2	88942	94953	95720	93205	3.98	cps
Lead	206-1	1106	1156	1311	1191	9.00	cps
Lead	207-1	1095	850	1045	996	12.96	cps
Lead	208-1	4517	4434	4956	4636	6.05	cps
Lithium	6-1	423402	429852	432433	428562	1.09	cps
Magnesium	24-2	454570	486501	491145	477405	4.17	cps
Manganese	55-2	955786	1004050	1025760	995199	3.60	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-05	Instrumnet Name :	P8
Client Sample ID :	S73-0225	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:54:32	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25165	25633	24781	25193	1.69	cps
Molybdenum	95-1	44381	42584	44440	43801	2.41	cps
Molybdenum	96-1	47584	46832	47225	47213	0.80	cps
Molybdenum	97-1	26777	27796	27228	27267	1.87	cps
Molybdenum	98-1	72092	71840	71086	71673	0.73	cps
Neodymium	150-1	80	87	40	69	36.64	cps
Neodymium	150-2	20	20	13	18	21.66	cps
Nickel	60-2	520	560	553	544	3.94	cps
Phosphorus	31-2	333	350	275	319	12.33	cps
Potassium	39-2	145175	156772	158795	153580	4.79	cps
Rhodium	103-1	3419493	3453196	3428055	3433582	0.51	cps
Rhodium	103-2	1401107	1371098	1507044	1426416	5.01	cps
Scandium	45-1	1570803	1618844	1608372	1599340	1.58	cps
Scandium	45-2	62550	62248	68084	64294	5.11	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	4	11	10	8	45.43	cps
Selenium	82-1	-41	19	-19	-14	-221.06	cps
Silicon	28-1	9600820	9813646	10006766	9807077	2.07	cps
Silver	109-1	392	858	792	681	37.09	cps
Silver	107-1	533	867	875	758	25.70	cps
Sodium	23-2	2504948	2698659	2714523	2639377	4.42	cps
Strontium	86-1	324675	330065	327625	327455	0.82	cps
Strontium	88-1	2860117	2847905	2947442	2885155	1.88	cps
Sulfur	34-1	134004	135544	133895	134481	0.69	cps
Terbium	159-1	5288471	5312546	5349447	5316821	0.58	cps
Terbium	159-2	1716311	1660047	1879260	1751873	6.50	cps
Thallium	203-1	50	50	25	42	34.64	cps
Thallium	205-1	50	108	108	89	37.89	cps
Tin	118-1	1683	1617	1692	1664	2.47	cps
Titanium	47-1	817	867	867	850	3.40	cps
Uranium	238-1	6102	5927	6394	6141	3.84	cps
Vanadium	51-2	207	243	250	233	10.00	cps
Yttrium	89-1	3767269	3794570	3838488	3800109	0.95	cps
Yttrium	89-2	349444	343435	379098	357326	5.34	cps
Zinc	66-2	1297	1297	1443	1346	6.29	cps
Zirconium	90-1	567	425	608	533	18.02	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-05	Instrumnet Name :	P8
Client Sample ID :	S73-0225	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:54:32	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	150	83	144	40.52	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-06	Instrumnet Name :	P8
Client Sample ID :	S81-0102	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:58:09	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2667	2809	3167	2881	8.95	cps
Antimony	121-1	6285	5660	5693	5879	5.98	cps
Arsenic	75-2	1990	2141	2211	2114	5.34	cps
Barium	135-1	32290	32891	32390	32524	0.99	cps
Barium	137-1	55391	55919	54630	55313	1.17	cps
Beryllium	9-1	39	28	33	33	16.67	cps
Bismuth	209-1	3337046	3416213	3415754	3389671	1.34	cps
Bismuth	209-2	1211477	1248175	1285792	1248482	2.98	cps
Boron	10-1	1117	1350	1200	1222	9.67	cps
Boron	11-1	5851	6335	6193	6126	4.06	cps
Cadmium	111-1	766	681	807	751	8.54	cps
Cadmium	106-1	983	917	1008	970	4.89	cps
Cadmium	108-1	8	21	4	11	78.05	cps
Calcium	43-1	204782	205570	210448	206933	1.48	cps
Calcium	44-1	3365513	3332870	3330822	3343068	0.58	cps
Chromium	52-2	1710	1740	1857	1769	4.38	cps
Cobalt	59-2	777	857	880	838	6.47	cps
Copper	63-2	4401	4651	4804	4619	4.41	cps
Dysprosium	156-1	258	383	283	308	21.45	cps
Dysprosium	156-2	117	100	90	102	13.18	cps
Erbium	164-1	350	242	483	358	33.78	cps
Erbium	164-2	130	147	77	118	31.05	cps
Gadolinium	160-1	242	325	217	261	21.72	cps
Gadolinium	160-2	110	103	110	108	3.57	cps
Holmium	165-1	5168210	5178849	5295898	5214319	1.36	cps
Holmium	165-2	1739115	1839824	1877827	1818922	3.94	cps
Indium	115-1	3879363	3875467	3923856	3892896	0.69	cps
Indium	115-2	448475	472698	488082	469752	4.25	cps
Iron	56-2	682353	722434	740704	715163	4.17	cps
Iron	57-2	17011	18017	18735	17921	4.83	cps
Lead	206-1	2906	2873	2606	2795	5.88	cps
Lead	207-1	2095	2350	2372	2272	6.79	cps
Lead	208-1	10980	11230	10974	11061	1.32	cps
Lithium	6-1	420837	417763	429896	422832	1.49	cps
Magnesium	24-2	547909	568832	581323	566021	2.98	cps
Manganese	55-2	36554	38246	40071	38290	4.59	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-06	Instrumnet Name :	P8
Client Sample ID :	S81-0102	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:58:09	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	917	825	1008	917	10.00	cps
Molybdenum	95-1	908	800	942	883	8.39	cps
Molybdenum	96-1	967	1258	1167	1131	13.19	cps
Molybdenum	97-1	600	667	733	667	10.00	cps
Molybdenum	98-1	1458	1492	1658	1536	6.98	cps
Neodymium	150-1	513	447	427	462	9.82	cps
Neodymium	150-2	100	147	113	120	20.03	cps
Nickel	60-2	1207	1250	1270	1242	2.61	cps
Phosphorus	31-2	250	242	233	242	3.45	cps
Potassium	39-2	290553	303262	312954	302256	3.72	cps
Rhodium	103-1	3438630	3496467	3474526	3469874	0.84	cps
Rhodium	103-2	1425072	1474330	1530555	1476652	3.57	cps
Scandium	45-1	1587573	1567988	1629790	1595117	1.98	cps
Scandium	45-2	64269	67658	69370	67099	3.87	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	9	13	18	13	33.82	cps
Selenium	82-1	-14	6	30	7	294.51	cps
Silicon	28-1	6397199	6693805	6654311	6581772	2.45	cps
Silver	109-1	192	133	208	178	22.15	cps
Silver	107-1	250	225	258	244	7.10	cps
Sodium	23-2	6801056	7127883	7302628	7077189	3.60	cps
Strontium	86-1	190451	188941	191897	190430	0.78	cps
Strontium	88-1	1646384	1689013	1684976	1673458	1.41	cps
Sulfur	34-1	189195	190536	187927	189219	0.69	cps
Terbium	159-1	5331161	5309166	5384182	5341503	0.72	cps
Terbium	159-2	1768235	1798948	1874327	1813837	3.01	cps
Thallium	203-1	50	50	67	56	17.32	cps
Thallium	205-1	125	142	142	136	7.07	cps
Tin	118-1	31596	30427	31504	31176	2.09	cps
Titanium	47-1	2725	2867	2909	2834	3.39	cps
Uranium	238-1	9496	9971	10255	9907	3.87	cps
Vanadium	51-2	427	400	410	412	3.27	cps
Yttrium	89-1	3811427	3822655	3888595	3840892	1.09	cps
Yttrium	89-2	359164	375899	385643	373569	3.59	cps
Zinc	66-2	36628	37631	39222	37827	3.46	cps
Zirconium	90-1	1375	1217	1217	1270	7.20	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-06	Instrumnet Name :	P8
Client Sample ID :	S81-0102	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 16:58:09	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	317	383	325	16.81	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-07	Instrumnet Name :	P8
Client Sample ID :	S81-0103	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:01:47	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	133	175	144	18.55	cps
Antimony	121-1	5885	5335	5610	5610	4.90	cps
Arsenic	75-2	1663	1805	1813	1761	4.79	cps
Barium	135-1	32615	32699	34245	33186	2.76	cps
Barium	137-1	57349	57843	59006	58066	1.47	cps
Beryllium	9-1	17	39	33	30	39.02	cps
Bismuth	209-1	3395637	3425758	3464635	3428677	1.01	cps
Bismuth	209-2	1221584	1165639	1259824	1215683	3.90	cps
Boron	10-1	1758	1975	2025	1920	7.39	cps
Boron	11-1	9153	9195	8870	9073	1.95	cps
Cadmium	111-1	481	620	702	601	18.57	cps
Cadmium	106-1	650	858	950	819	18.76	cps
Cadmium	108-1	4	21	13	13	66.64	cps
Calcium	43-1	431136	428321	436406	431955	0.95	cps
Calcium	44-1	6879559	6957230	7015750	6950846	0.98	cps
Chromium	52-2	673	733	703	703	4.27	cps
Cobalt	59-2	60	73	97	77	24.21	cps
Copper	63-2	3020	3197	3227	3148	3.55	cps
Dysprosium	156-1	58	108	75	81	31.60	cps
Dysprosium	156-2	23	20	27	23	14.29	cps
Erbium	164-1	117	142	75	111	30.31	cps
Erbium	164-2	20	40	10	23	65.47	cps
Gadolinium	160-1	67	42	50	53	24.12	cps
Gadolinium	160-2	47	50	27	41	30.69	cps
Holmium	165-1	5200715	5252856	5245452	5233008	0.54	cps
Holmium	165-2	1771195	1710435	1828427	1770019	3.33	cps
Indium	115-1	3862700	3864290	3959882	3895624	1.43	cps
Indium	115-2	451683	441056	464796	452512	2.63	cps
Iron	56-2	1599918	1690030	1700626	1663525	3.33	cps
Iron	57-2	38447	40242	41829	40173	4.21	cps
Lead	206-1	350	272	367	330	15.29	cps
Lead	207-1	278	378	306	320	16.11	cps
Lead	208-1	1445	1306	1389	1380	5.07	cps
Lithium	6-1	430284	436221	440778	435761	1.21	cps
Magnesium	24-2	810674	854788	876012	847158	3.93	cps
Manganese	55-2	236042	246185	253354	245194	3.55	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-07	Instrumnet Name :	P8
Client Sample ID :	S81-0103	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:01:47	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1834	1875	1867	1859	1.19	cps
Molybdenum	95-1	3384	3409	3142	3312	4.45	cps
Molybdenum	96-1	3459	3601	3559	3539	2.06	cps
Molybdenum	97-1	2084	2250	2192	2175	3.89	cps
Molybdenum	98-1	5576	5485	5601	5554	1.11	cps
Neodymium	150-1	127	40	67	78	57.07	cps
Neodymium	150-2	7	27	17	17	59.99	cps
Nickel	60-2	393	443	440	426	6.57	cps
Phosphorus	31-2	308	200	308	272	22.98	cps
Potassium	39-2	323523	343113	349594	338743	4.01	cps
Rhodium	103-1	3523587	3485200	3516543	3508443	0.58	cps
Rhodium	103-2	1441811	1414024	1477178	1444338	2.19	cps
Scandium	45-1	1577711	1592995	1677793	1616166	3.34	cps
Scandium	45-2	63874	63350	65602	64275	1.83	cps
Selenium	77-2	0	13	0	4	173.21	cps
Selenium	78-2	15	12	10	12	20.40	cps
Selenium	82-1	2	-4	6	1	397.62	cps
Silicon	28-1	9004686	8995349	9364048	9121361	2.30	cps
Silver	109-1	217	158	150	175	20.76	cps
Silver	107-1	167	183	200	183	9.09	cps
Sodium	23-2	2514134	2652110	2700295	2622180	3.68	cps
Strontium	86-1	391038	390254	394654	391982	0.60	cps
Strontium	88-1	3349356	3398139	3483937	3410478	2.00	cps
Sulfur	34-1	172044	173173	168765	171328	1.34	cps
Terbium	159-1	5406385	5416004	5526794	5449728	1.23	cps
Terbium	159-2	1746806	1657776	1806578	1737053	4.31	cps
Thallium	203-1	42	25	42	36	26.65	cps
Thallium	205-1	92	58	100	83	26.45	cps
Tin	118-1	1533	1692	1508	1578	6.30	cps
Titanium	47-1	500	558	617	558	10.45	cps
Uranium	238-1	4184	4734	4576	4498	6.30	cps
Vanadium	51-2	127	140	100	122	16.66	cps
Yttrium	89-1	3847188	3895169	3957543	3899967	1.42	cps
Yttrium	89-2	359959	350081	373179	361073	3.21	cps
Zinc	66-2	5051	5408	5481	5313	4.33	cps
Zirconium	90-1	283	450	358	364	22.94	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-07	Instrumnet Name :	P8
Client Sample ID :	S81-0103	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:01:47	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	58	67	69	18.34	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09	Instrumnet Name :	P8
Client Sample ID :	S73-0229	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:05:24	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	358	225	269	28.57	cps
Antimony	121-1	5710	5243	5001	5318	6.77	cps
Arsenic	75-2	2751	2980	2949	2893	4.30	cps
Barium	135-1	26176	26435	28155	26922	4.00	cps
Barium	137-1	45755	46683	48748	47062	3.26	cps
Beryllium	9-1	22	6	44	24	81.04	cps
Bismuth	209-1	3370472	3440388	3456595	3422485	1.34	cps
Bismuth	209-2	1210380	1262392	1289661	1254144	3.21	cps
Boron	10-1	1233	1433	1233	1300	8.88	cps
Boron	11-1	6185	6768	6668	6541	4.77	cps
Cadmium	111-1	706	558	728	664	13.90	cps
Cadmium	106-1	967	758	1017	914	14.99	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Calcium	43-1	591240	602229	610253	601240	1.59	cps
Calcium	44-1	9460352	9479642	9824407	9588134	2.14	cps
Chromium	52-2	697	787	943	809	15.43	cps
Cobalt	59-2	1483	1497	1617	1532	4.79	cps
Copper	63-2	3130	3307	3237	3225	2.76	cps
Dysprosium	156-1	142	175	158	158	10.53	cps
Dysprosium	156-2	53	63	30	49	34.99	cps
Erbium	164-1	292	325	258	292	11.43	cps
Erbium	164-2	97	77	90	88	11.60	cps
Gadolinium	160-1	233	217	250	233	7.14	cps
Gadolinium	160-2	87	83	67	79	13.58	cps
Holmium	165-1	5156861	5189730	5296728	5214440	1.40	cps
Holmium	165-2	1749749	1828091	1892052	1823297	3.91	cps
Indium	115-1	3894198	3938426	3968158	3933594	0.95	cps
Indium	115-2	448968	470759	477853	465860	3.23	cps
Iron	56-2	2465718	2593702	2662226	2573882	3.88	cps
Iron	57-2	60682	63248	64515	62815	3.11	cps
Lead	206-1	317	317	389	341	12.24	cps
Lead	207-1	244	328	294	289	14.52	cps
Lead	208-1	1261	1333	1394	1330	5.02	cps
Lithium	6-1	432779	435542	440414	436245	0.89	cps
Magnesium	24-2	898968	937790	966479	934412	3.63	cps
Manganese	55-2	1655942	1736719	1792447	1728369	3.97	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09	Instrumnet Name :	P8
Client Sample ID :	S73-0229	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:05:24	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2209	1742	1950	1967	11.89	cps
Molybdenum	95-1	3384	3167	3726	3426	8.22	cps
Molybdenum	96-1	3509	3517	3442	3489	1.18	cps
Molybdenum	97-1	2117	2067	2134	2106	1.65	cps
Molybdenum	98-1	5335	5535	5335	5401	2.14	cps
Neodymium	150-1	160	147	153	153	4.35	cps
Neodymium	150-2	50	43	57	50	13.34	cps
Nickel	60-2	520	467	597	528	12.38	cps
Phosphorus	31-2	283	225	200	236	18.11	cps
Potassium	39-2	206586	213165	224776	214842	4.29	cps
Rhodium	103-1	3447488	3446069	3506051	3466536	0.99	cps
Rhodium	103-2	1429964	1481512	1506031	1472502	2.64	cps
Scandium	45-1	1633010	1603432	1671542	1635995	2.09	cps
Scandium	45-2	63281	66010	68677	65989	4.09	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	12	13	12	12	4.68	cps
Selenium	82-1	-5	-13	-31	-16	-79.81	cps
Silicon	28-1	13074537	13385751	13308020	13256103	1.22	cps
Silver	109-1	167	117	158	147	18.20	cps
Silver	107-1	117	108	167	131	24.16	cps
Sodium	23-2	2190701	2296173	2319393	2268756	3.02	cps
Strontium	86-1	586937	591690	596815	591814	0.83	cps
Strontium	88-1	5093074	5066997	5214967	5125013	1.54	cps
Sulfur	34-1	151571	152708	153534	152605	0.65	cps
Terbium	159-1	5383055	5477639	5448087	5436260	0.89	cps
Terbium	159-2	1758306	1835167	1875347	1822940	3.26	cps
Thallium	203-1	25	8	58	31	83.33	cps
Thallium	205-1	92	75	75	81	11.95	cps
Tin	118-1	1709	1767	1850	1775	4.01	cps
Titanium	47-1	792	800	867	819	5.02	cps
Uranium	238-1	18556	18514	19691	18921	3.53	cps
Vanadium	51-2	150	147	143	147	2.27	cps
Yttrium	89-1	3915161	3875305	3952505	3914324	0.99	cps
Yttrium	89-2	357252	372182	380011	369815	3.13	cps
Zinc	66-2	1200	1197	1350	1249	7.01	cps
Zirconium	90-1	433	400	425	419	4.14	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09	Instrumnet Name :	P8
Client Sample ID :	S73-0229	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:05:24	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	117	117	114	4.22	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DUP	Instrumnet Name :	P8
Client Sample ID :	S73-0229DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:09:01	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	367	275	306	17.32	cps
Antimony	121-1	5535	5451	4826	5271	7.35	cps
Arsenic	75-2	2786	2911	2919	2872	2.60	cps
Barium	135-1	27320	26736	27496	27184	1.46	cps
Barium	137-1	47837	46758	46264	46953	1.71	cps
Beryllium	9-1	11	17	11	13	24.76	cps
Bismuth	209-1	3425978	3459771	3444591	3443447	0.49	cps
Bismuth	209-2	1206963	1119284	1203138	1176462	4.21	cps
Boron	10-1	1225	1533	1367	1375	11.22	cps
Boron	11-1	6318	6693	6677	6563	3.23	cps
Cadmium	111-1	680	645	639	655	3.40	cps
Cadmium	106-1	950	858	875	894	5.46	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	590428	603782	601487	598565	1.19	cps
Calcium	44-1	9483779	9818582	9584421	9628927	1.78	cps
Chromium	52-2	773	853	827	818	4.98	cps
Cobalt	59-2	1573	1540	1570	1561	1.18	cps
Copper	63-2	2794	3117	3184	3031	6.88	cps
Dysprosium	156-1	225	242	192	219	11.60	cps
Dysprosium	156-2	47	47	97	63	45.58	cps
Erbium	164-1	158	275	333	256	34.87	cps
Erbium	164-2	80	90	110	93	16.37	cps
Gadolinium	160-1	217	158	242	206	20.80	cps
Gadolinium	160-2	83	113	60	86	31.25	cps
Holmium	165-1	5105447	5268547	5280847	5218280	1.88	cps
Holmium	165-2	1759149	1613208	1711515	1694624	4.39	cps
Indium	115-1	3841076	3871057	3898986	3870373	0.75	cps
Indium	115-2	441993	409349	443339	431561	4.46	cps
Iron	56-2	2489944	2629598	2700207	2606583	4.11	cps
Iron	57-2	59856	63650	65358	62955	4.47	cps
Lead	206-1	289	322	322	311	6.19	cps
Lead	207-1	256	289	150	231	31.32	cps
Lead	208-1	1278	1328	1044	1217	12.43	cps
Lithium	6-1	430524	425960	435196	430560	1.07	cps
Magnesium	24-2	895551	930357	957681	927863	3.36	cps
Manganese	55-2	1683292	1740034	1809661	1744329	3.63	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DUP	Instrumnet Name :	P8
Client Sample ID :	S73-0229DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:09:01	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2034	1884	2067	1995	4.90	cps
Molybdenum	95-1	3150	3234	3142	3175	1.60	cps
Molybdenum	96-1	3367	3376	3776	3506	6.66	cps
Molybdenum	97-1	2000	2167	2034	2067	4.27	cps
Molybdenum	98-1	5101	5243	5393	5246	2.78	cps
Neodymium	150-1	160	213	133	169	24.12	cps
Neodymium	150-2	27	43	47	39	27.55	cps
Nickel	60-2	453	497	493	481	5.01	cps
Phosphorus	31-2	192	292	192	225	25.66	cps
Potassium	39-2	208726	217090	225640	217152	3.89	cps
Rhodium	103-1	3438349	3454367	3546155	3479624	1.67	cps
Rhodium	103-2	1415441	1330424	1402697	1382854	3.32	cps
Scandium	45-1	1621636	1646216	1577703	1615185	2.15	cps
Scandium	45-2	62746	59708	62917	61790	2.92	cps
Selenium	77-2	13	0	3	6	124.93	cps
Selenium	78-2	14	7	10	10	33.99	cps
Selenium	82-1	1	35	-88	-17	-367.50	cps
Silicon	28-1	13436239	13108923	13065853	13203672	1.53	cps
Silver	109-1	158	108	158	142	20.38	cps
Silver	107-1	158	142	117	139	15.10	cps
Sodium	23-2	2167663	2255271	2330882	2251272	3.63	cps
Strontium	86-1	590310	591390	592381	591360	0.18	cps
Strontium	88-1	5121933	5129279	5062132	5104448	0.72	cps
Sulfur	34-1	152254	152902	151317	152158	0.52	cps
Terbium	159-1	5382327	5450687	5334264	5389092	1.09	cps
Terbium	159-2	1729892	1604860	1731048	1688600	4.29	cps
Thallium	203-1	42	50	25	39	32.73	cps
Thallium	205-1	125	42	75	81	52.07	cps
Tin	118-1	1642	1550	1617	1603	2.96	cps
Titanium	47-1	617	833	733	728	14.90	cps
Uranium	238-1	18155	18339	18323	18272	0.56	cps
Vanadium	51-2	177	137	110	141	23.78	cps
Yttrium	89-1	3924293	3895169	3905788	3908417	0.38	cps
Yttrium	89-2	354796	328676	352383	345285	4.18	cps
Zinc	66-2	1123	1367	1197	1229	10.16	cps
Zirconium	90-1	492	425	492	469	8.20	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DUP	Instrumnet Name :	P8
Client Sample ID :	S73-0229DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:09:01	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	83	150	125	29.06	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09LX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 17:12:37	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	75	100	89	14.32	cps
Antimony	121-1	1442	1233	1300	1325	8.03	cps
Arsenic	75-2	679	601	662	647	6.34	cps
Barium	135-1	5560	5385	5635	5526	2.32	cps
Barium	137-1	9629	9637	9437	9568	1.18	cps
Beryllium	9-1	17	28	22	22	25.00	cps
Bismuth	209-1	3528989	3502374	3467994	3499786	0.87	cps
Bismuth	209-2	1284345	1332987	1364370	1327234	3.04	cps
Boron	10-1	450	558	525	511	10.86	cps
Boron	11-1	2800	2625	2959	2795	5.97	cps
Cadmium	111-1	627	663	803	698	13.36	cps
Cadmium	106-1	883	950	1142	992	13.52	cps
Cadmium	108-1	0	8	0	3	173.21	cps
Calcium	43-1	145210	142079	144816	144035	1.18	cps
Calcium	44-1	2368842	2379566	2361231	2369879	0.39	cps
Chromium	52-2	467	590	567	541	12.11	cps
Cobalt	59-2	387	320	333	347	10.18	cps
Copper	63-2	950	1073	957	993	6.98	cps
Dysprosium	156-1	50	8	108	56	90.42	cps
Dysprosium	156-2	13	17	10	13	25.01	cps
Erbium	164-1	58	67	75	67	12.50	cps
Erbium	164-2	20	20	20	20	0.00	cps
Gadolinium	160-1	58	83	67	69	18.33	cps
Gadolinium	160-2	17	20	40	26	49.38	cps
Holmium	165-1	5426561	5375908	5422704	5408391	0.52	cps
Holmium	165-2	1876976	1940510	1973745	1930410	2.55	cps
Indium	115-1	4212552	4123593	4162845	4166330	1.07	cps
Indium	115-2	492749	513508	527303	511187	3.40	cps
Iron	56-2	521225	551261	564189	545558	4.04	cps
Iron	57-2	13184	13423	14374	13661	4.61	cps
Lead	206-1	111	167	150	143	19.99	cps
Lead	207-1	161	111	78	117	35.95	cps
Lead	208-1	583	589	494	556	9.54	cps
Lithium	6-1	485967	491057	493478	490167	0.78	cps
Magnesium	24-2	198381	204966	207322	203556	2.28	cps
Manganese	55-2	357708	376779	384946	373144	3.75	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09LX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 17:12:37	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	517	500	450	489	7.10	cps
Molybdenum	95-1	667	675	800	714	10.46	cps
Molybdenum	96-1	725	842	867	811	9.32	cps
Molybdenum	97-1	492	567	550	536	7.35	cps
Molybdenum	98-1	1067	1058	1167	1097	5.49	cps
Neodymium	150-1	40	53	47	47	14.29	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	123	167	147	146	14.90	cps
Phosphorus	31-2	300	233	308	281	14.65	cps
Potassium	39-2	53419	55802	55886	55036	2.55	cps
Rhodium	103-1	3769107	3863022	3890803	3840978	1.66	cps
Rhodium	103-2	1526985	1600894	1638734	1588871	3.58	cps
Scandium	45-1	1957839	1965246	1986200	1969761	0.75	cps
Scandium	45-2	70830	74402	76741	73991	4.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	9	16	12	32.45	cps
Selenium	82-1	18	35	-51	1	6885.83	cps
Silicon	28-1	4017260	3924469	3980984	3974238	1.18	cps
Silver	109-1	25	42	33	33	25.01	cps
Silver	107-1	175	67	33	92	80.81	cps
Sodium	23-2	484179	499224	509694	497699	2.58	cps
Strontium	86-1	126616	128709	127952	127759	0.83	cps
Strontium	88-1	1138857	1123252	1120243	1127451	0.89	cps
Sulfur	34-1	145687	144456	146267	145470	0.64	cps
Terbium	159-1	5582726	5584442	5624394	5597188	0.42	cps
Terbium	159-2	1864243	1949147	1990996	1934795	3.34	cps
Thallium	203-1	42	17	42	33	43.30	cps
Thallium	205-1	33	33	83	50	57.75	cps
Tin	118-1	450	358	408	406	11.32	cps
Titanium	47-1	383	567	542	497	20.00	cps
Uranium	238-1	3617	3626	3409	3551	3.46	cps
Vanadium	51-2	30	43	53	42	27.72	cps
Yttrium	89-1	4341929	4232470	4296364	4290255	1.28	cps
Yttrium	89-2	392359	408176	418771	406436	3.27	cps
Zinc	66-2	310	353	337	333	6.56	cps
Zirconium	90-1	450	450	283	394	24.40	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09LX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 17:12:37	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	42	75	89	62.42	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:20:37	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	943286	988621	1022478	984795	4.03	cps
Antimony	121-1	2389006	2391240	2357552	2379266	0.79	cps
Arsenic	75-2	68797	72157	74063	71672	3.72	cps
Barium	135-1	2488964	2426853	2477830	2464549	1.34	cps
Barium	137-1	4265716	4283530	4263402	4270882	0.26	cps
Beryllium	9-1	299295	297144	303079	299839	1.00	cps
Bismuth	209-1	3113990	3101545	3093524	3103020	0.33	cps
Bismuth	209-2	1228065	1275377	1286809	1263417	2.47	cps
Boron	10-1	27043	27176	28212	27477	2.33	cps
Boron	11-1	130473	137479	139340	135764	3.44	cps
Cadmium	111-1	547281	546686	548138	547369	0.13	cps
Cadmium	106-1	55941	56359	57665	56655	1.59	cps
Cadmium	108-1	38250	38304	38237	38264	0.09	cps
Calcium	43-1	2516139	2477086	2554411	2515878	1.54	cps
Calcium	44-1	40260190	39463847	40977839	40233959	1.88	cps
Chromium	52-2	538002	560400	575417	557940	3.37	cps
Cobalt	59-2	896961	935588	956631	929727	3.26	cps
Copper	63-2	1335050	1392076	1408334	1378487	2.79	cps
Dysprosium	156-1	33	25	58	39	44.61	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	0	33	50	28	91.65	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	42	67	17	42	60.00	cps
Gadolinium	160-2	23	27	7	19	56.72	cps
Holmium	165-1	5152761	5132884	5082888	5122845	0.70	cps
Holmium	165-2	1885549	1947434	1968774	1933919	2.24	cps
Indium	115-1	3998948	3956314	3981888	3979050	0.54	cps
Indium	115-2	498612	518126	529046	515261	2.99	cps
Iron	56-2	94492547	100927738	102383080	99267788	4.23	cps
Iron	57-2	2410115	2526354	2548527	2494999	2.98	cps
Lead	206-1	1478507	1460684	1476866	1472019	0.67	cps
Lead	207-1	1306321	1290488	1302614	1299807	0.64	cps
Lead	208-1	6054109	6015901	5997116	6022375	0.48	cps
Lithium	6-1	566054	562424	571990	566823	0.85	cps
Magnesium	24-2	13992179	14667839	14890038	14516685	3.22	cps
Manganese	55-2	449914	475010	484745	469890	3.82	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:20:37	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4164129	4187979	4231120	4194409	0.81	cps
Molybdenum	95-1	5214082	5142249	5243207	5199846	1.00	cps
Molybdenum	96-1	5573435	5673223	5657712	5634790	0.95	cps
Molybdenum	97-1	3205466	3190303	3230202	3208657	0.63	cps
Molybdenum	98-1	8106457	8166802	8257895	8177051	0.93	cps
Neodymium	150-1	100	127	147	124	18.81	cps
Neodymium	150-2	33	13	7	18	78.05	cps
Nickel	60-2	244214	253455	258753	252141	2.92	cps
Phosphorus	31-2	13849	14842	15083	14591	4.48	cps
Potassium	39-2	5950734	6245959	6455232	6217308	4.08	cps
Rhodium	103-1	3698617	3622567	3602194	3641126	1.40	cps
Rhodium	103-2	1480707	1539173	1588719	1536200	3.52	cps
Scandium	45-1	2256944	2267832	2292573	2272450	0.80	cps
Scandium	45-2	76044	80559	81672	79425	3.75	cps
Selenium	77-2	850	900	873	874	2.86	cps
Selenium	78-2	2932	3105	3195	3077	4.35	cps
Selenium	82-1	32933	32759	33318	33003	0.87	cps
Silicon	28-1	1884850	1826058	1895056	1868654	1.99	cps
Silver	109-1	2439630	2446468	2478302	2454800	0.84	cps
Silver	107-1	2514196	2494658	2540966	2516607	0.92	cps
Sodium	23-2	31342544	32614646	33463876	32473689	3.29	cps
Strontium	86-1	646063	646363	648034	646820	0.16	cps
Strontium	88-1	5571820	5517790	5644246	5577952	1.14	cps
Sulfur	34-1	296323	293494	299489	296435	1.01	cps
Terbium	159-1	5322997	5266268	5357316	5315527	0.87	cps
Terbium	159-2	1861465	1946865	1938268	1915533	2.45	cps
Thallium	203-1	1850536	1857120	1838687	1848781	0.51	cps
Thallium	205-1	4320543	4324855	4318968	4321455	0.07	cps
Tin	118-1	1685753	1646995	1645963	1659570	1.37	cps
Titanium	47-1	1236164	1199858	1229764	1221929	1.59	cps
Uranium	238-1	5554539	5412947	5472360	5479949	1.30	cps
Vanadium	51-2	425528	443968	454239	441245	3.30	cps
Yttrium	89-1	4264953	4270615	4316484	4284017	0.66	cps
Yttrium	89-2	410381	429062	436434	425292	3.16	cps
Zinc	66-2	176962	183287	189171	183140	3.33	cps
Zirconium	90-1	3398396	3464573	3457745	3440238	1.06	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:20:37	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	777351	772200	778774	776108	0.45	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:24:25	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	100	50	64	49.38	cps
Antimony	121-1	642	583	383	536	25.27	cps
Arsenic	75-2	4	3	4	4	15.75	cps
Barium	135-1	267	308	192	256	23.14	cps
Barium	137-1	400	458	292	383	22.06	cps
Beryllium	9-1	83	72	67	74	11.45	cps
Bismuth	209-1	3373096	2757600	3195709	3108802	10.19	cps
Bismuth	209-2	1289332	1330934	1350806	1323691	2.37	cps
Boron	10-1	1492	1350	1433	1425	5.00	cps
Boron	11-1	7877	8061	7569	7836	3.17	cps
Cadmium	111-1	814	676	669	720	11.38	cps
Cadmium	106-1	1058	908	917	961	8.77	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	550	650	425	542	20.81	cps
Calcium	44-1	12297	12281	10671	11750	7.95	cps
Chromium	52-2	440	437	430	436	1.17	cps
Cobalt	59-2	47	87	97	77	34.51	cps
Copper	63-2	660	653	677	663	1.81	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Gadolinium	160-2	3	7	20	10	88.20	cps
Holmium	165-1	5288961	4360631	5048774	4899455	9.83	cps
Holmium	165-2	1865264	1936693	1981075	1927677	3.03	cps
Indium	115-1	4248010	3525549	4046455	3940005	9.46	cps
Indium	115-2	523385	547654	551775	540938	2.84	cps
Iron	56-2	6429	6002	6151	6194	3.50	cps
Iron	57-2	156	156	156	156	0.00	cps
Lead	206-1	656	583	494	578	13.97	cps
Lead	207-1	439	450	433	441	1.93	cps
Lead	208-1	2389	2017	2067	2158	9.36	cps
Lithium	6-1	582643	501875	579614	554711	8.25	cps
Magnesium	24-2	458	542	425	475	12.65	cps
Manganese	55-2	43	57	23	41	40.82	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:24:25	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	533	500	358	464	20.03	cps
Molybdenum	95-1	567	400	292	419	33.03	cps
Molybdenum	96-1	775	433	317	508	46.86	cps
Molybdenum	97-1	375	317	267	319	16.98	cps
Molybdenum	98-1	1017	525	525	689	41.21	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	33	27	31	12.36	cps
Phosphorus	31-2	242	317	225	261	18.70	cps
Potassium	39-2	10196	9979	10121	10098	1.09	cps
Rhodium	103-1	3953837	3296016	3750614	3666822	9.19	cps
Rhodium	103-2	1593957	1644282	1666867	1635035	2.28	cps
Scandium	45-1	2315936	2006861	2274794	2199197	7.63	cps
Scandium	45-2	75658	80810	81611	79360	4.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	15	14	15	3.94	cps
Selenium	82-1	-48	-46	-77	-57	-30.13	cps
Silicon	28-1	1164495	1172824	1177555	1171624	0.56	cps
Silver	109-1	608	442	400	483	22.81	cps
Silver	107-1	750	467	333	517	41.18	cps
Sodium	23-2	8411	8353	8336	8367	0.47	cps
Strontium	86-1	608	483	475	522	14.30	cps
Strontium	88-1	683	608	483	592	17.08	cps
Sulfur	34-1	155848	158562	159456	157956	1.19	cps
Terbium	159-1	5461467	4475399	5225969	5054278	10.19	cps
Terbium	159-2	1906851	1947520	2003808	1952726	2.49	cps
Thallium	203-1	275	217	200	231	17.08	cps
Thallium	205-1	600	517	450	522	14.39	cps
Tin	118-1	417	308	375	367	14.90	cps
Titanium	47-1	608	800	667	692	14.20	cps
Uranium	238-1	583	492	225	433	42.96	cps
Vanadium	51-2	23	17	23	21	18.21	cps
Yttrium	89-1	4474595	3747102	4301498	4174398	9.10	cps
Yttrium	89-2	417832	435261	440927	431340	2.79	cps
Zinc	66-2	57	67	110	78	36.45	cps
Zirconium	90-1	692	550	467	569	19.98	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:24:25	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	75	92	108	40.71	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-10	Instrumnet Name :	P8
Client Sample ID :	S73-0229MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:28:03	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	152613	163329	161846	159263	3.65	cps
Antimony	121-1	2352078	2391609	2397067	2380251	1.03	cps
Arsenic	75-2	65551	69540	69986	68359	3.57	cps
Barium	135-1	2486518	2514445	2486901	2495954	0.64	cps
Barium	137-1	4326716	4299762	4258091	4294856	0.81	cps
Beryllium	9-1	235032	235449	239249	236577	0.98	cps
Bismuth	209-1	3208062	3236568	3270489	3238373	0.97	cps
Bismuth	209-2	1177786	1227377	1249127	1218096	3.00	cps
Boron	10-1	22426	23420	22785	22877	2.20	cps
Boron	11-1	111455	111599	115402	112819	1.98	cps
Cadmium	111-1	531750	536005	536733	534829	0.50	cps
Cadmium	106-1	53247	53582	54067	53632	0.77	cps
Cadmium	108-1	37414	37251	36637	37101	1.10	cps
Calcium	43-1	1072499	1056049	1069037	1065862	0.81	cps
Calcium	44-1	17059926	17149539	16771923	16993796	1.16	cps
Chromium	52-2	489633	521000	530883	513838	4.19	cps
Cobalt	59-2	842901	889147	898528	876859	3.40	cps
Copper	63-2	1318771	1393017	1401999	1371262	3.33	cps
Dysprosium	156-1	150	258	133	181	37.59	cps
Dysprosium	156-2	73	100	77	83	17.44	cps
Erbium	164-1	208	258	233	233	10.71	cps
Erbium	164-2	87	107	113	102	13.58	cps
Gadolinium	160-1	275	258	200	244	16.11	cps
Gadolinium	160-2	100	67	90	86	19.99	cps
Holmium	165-1	4961203	5103717	5146948	5070623	1.92	cps
Holmium	165-2	1728690	1840500	1833137	1800776	3.47	cps
Indium	115-1	3765814	3721555	3771693	3753021	0.73	cps
Indium	115-2	442596	463258	473917	459924	3.46	cps
Iron	56-2	20515472	21884219	22437355	21612349	4.58	cps
Iron	57-2	506343	542848	555121	534771	4.74	cps
Lead	206-1	1548436	1571894	1582235	1567522	1.10	cps
Lead	207-1	1331274	1344284	1359606	1345055	1.05	cps
Lead	208-1	6223725	6272119	6395069	6296971	1.40	cps
Lithium	6-1	457607	459367	461447	459473	0.42	cps
Magnesium	24-2	3481117	3610147	3697664	3596309	3.03	cps
Manganese	55-2	2108177	2237802	2317397	2221125	4.75	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-10	Instrumnet Name :	P8
Client Sample ID :	S73-0229MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:28:03	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4165354	4123857	4195609	4161607	0.87	cps
Molybdenum	95-1	5242352	5151779	5271493	5221875	1.20	cps
Molybdenum	96-1	5862565	5768784	5793846	5808398	0.84	cps
Molybdenum	97-1	3251892	3232497	3282577	3255656	0.78	cps
Molybdenum	98-1	8312523	8365982	8339545	8339350	0.32	cps
Neodymium	150-1	253	380	280	304	21.93	cps
Neodymium	150-2	53	53	57	54	3.54	cps
Nickel	60-2	233214	244793	247319	241775	3.11	cps
Phosphorus	31-2	200	250	300	250	20.00	cps
Potassium	39-2	1288050	1355621	1425331	1356334	5.06	cps
Rhodium	103-1	3390855	3435875	3440098	3422276	0.80	cps
Rhodium	103-2	1393751	1465287	1515663	1458234	4.20	cps
Scandium	45-1	1724393	1709259	1757387	1730347	1.42	cps
Scandium	45-2	64768	69149	70348	68088	4.31	cps
Selenium	77-2	690	803	933	809	15.05	cps
Selenium	78-2	2610	2709	2803	2707	3.57	cps
Selenium	82-1	31060	30934	30850	30948	0.34	cps
Silicon	28-1	15098690	14683355	15057806	14946617	1.53	cps
Silver	109-1	2324893	2333410	2349090	2335797	0.53	cps
Silver	107-1	2396251	2398839	2423758	2406282	0.63	cps
Sodium	23-2	8364924	8677656	8809560	8617380	2.65	cps
Strontium	86-1	1203326	1208160	1211153	1207546	0.33	cps
Strontium	88-1	10439108	10387591	10469191	10431963	0.40	cps
Sulfur	34-1	167261	163300	164091	164884	1.27	cps
Terbium	159-1	5233804	5246283	5256804	5245630	0.22	cps
Terbium	159-2	1732101	1795187	1835126	1787471	2.91	cps
Thallium	203-1	1947981	1951580	1970070	1956544	0.61	cps
Thallium	205-1	4488389	4572500	4584273	4548387	1.15	cps
Tin	118-1	1586960	1586303	1616517	1596594	1.08	cps
Titanium	47-1	997318	1001585	1005948	1001617	0.43	cps
Uranium	238-1	5815836	5932868	5907164	5885289	1.05	cps
Vanadium	51-2	384472	405751	414853	401692	3.88	cps
Yttrium	89-1	3875513	3903661	4012785	3930653	1.84	cps
Yttrium	89-2	358356	376746	386717	373939	3.85	cps
Zinc	66-2	165972	174481	176669	172374	3.28	cps
Zirconium	90-1	3243755	3264604	3371699	3293353	2.08	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-10	Instrumnet Name :	P8
Client Sample ID :	S73-0229MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:28:03	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	737780	739622	748452	741952	0.77	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-11	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:31:39	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	148655	156310	156968	153977	3.00	cps
Antimony	121-1	2395153	2435927	2455592	2428890	1.27	cps
Arsenic	75-2	65332	67816	69509	67552	3.11	cps
Barium	135-1	2489214	2467062	2492759	2483012	0.56	cps
Barium	137-1	4301394	4361245	4362161	4341600	0.80	cps
Beryllium	9-1	232446	234455	234460	233787	0.50	cps
Bismuth	209-1	3253125	3302666	3276969	3277587	0.76	cps
Bismuth	209-2	1186299	1230374	1260070	1225581	3.03	cps
Boron	10-1	22810	22468	23996	23091	3.47	cps
Boron	11-1	112287	114117	117864	114756	2.48	cps
Cadmium	111-1	538450	546420	543989	542953	0.75	cps
Cadmium	106-1	53941	55991	55246	55060	1.88	cps
Cadmium	108-1	37966	37423	37953	37781	0.82	cps
Calcium	43-1	1048566	1043271	1055437	1049091	0.58	cps
Calcium	44-1	16652643	16511056	17046905	16736868	1.66	cps
Chromium	52-2	487221	508118	524760	506700	3.71	cps
Cobalt	59-2	838433	872010	903605	871349	3.74	cps
Copper	63-2	1300677	1359053	1390251	1349994	3.37	cps
Dysprosium	156-1	175	192	225	197	12.91	cps
Dysprosium	156-2	70	90	103	88	19.12	cps
Erbium	164-1	308	225	275	269	15.57	cps
Erbium	164-2	113	50	93	86	37.84	cps
Gadolinium	160-1	233	233	258	242	5.97	cps
Gadolinium	160-2	97	100	107	101	5.04	cps
Holmium	165-1	5146136	5193796	5208743	5182891	0.63	cps
Holmium	165-2	1753028	1833740	1858071	1814946	3.03	cps
Indium	115-1	3785811	3835175	3822238	3814408	0.67	cps
Indium	115-2	442580	462626	475796	460334	3.63	cps
Iron	56-2	20206947	21465098	21774902	21148982	3.93	cps
Iron	57-2	503654	520821	536247	520240	3.13	cps
Lead	206-1	1641836	1623024	1651355	1638739	0.88	cps
Lead	207-1	1349039	1374310	1377459	1366936	1.14	cps
Lead	208-1	6427700	6482700	6566419	6492273	1.08	cps
Lithium	6-1	450603	456685	453032	453440	0.68	cps
Magnesium	24-2	3476140	3542119	3677844	3565367	2.88	cps
Manganese	55-2	2096675	2171866	2248581	2172374	3.50	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-11	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:31:39	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4155290	4147056	4192616	4164987	0.58	cps
Molybdenum	95-1	5178704	5203413	5216013	5199376	0.37	cps
Molybdenum	96-1	5708488	5723332	5784899	5738906	0.71	cps
Molybdenum	97-1	3185478	3259435	3275519	3240144	1.48	cps
Molybdenum	98-1	8365350	8306064	8369299	8346904	0.42	cps
Neodymium	150-1	220	240	260	240	8.33	cps
Neodymium	150-2	53	83	40	59	37.69	cps
Nickel	60-2	232952	241308	248645	240968	3.26	cps
Phosphorus	31-2	283	217	192	231	20.55	cps
Potassium	39-2	1274223	1321051	1355510	1316928	3.10	cps
Rhodium	103-1	3448165	3479871	3502439	3476825	0.78	cps
Rhodium	103-2	1410387	1469182	1477042	1452204	2.51	cps
Scandium	45-1	1756806	1703801	1706799	1722469	1.73	cps
Scandium	45-2	65719	66871	69232	67274	2.66	cps
Selenium	77-2	817	773	800	797	2.74	cps
Selenium	78-2	2699	2714	2879	2764	3.61	cps
Selenium	82-1	30880	31085	30870	30945	0.39	cps
Silicon	28-1	14640398	14442384	14365796	14482859	0.98	cps
Silver	109-1	2367928	2385602	2381586	2378372	0.39	cps
Silver	107-1	2393183	2448420	2464667	2435423	1.54	cps
Sodium	23-2	8102764	8358682	8625714	8362387	3.13	cps
Strontium	86-1	1213150	1219943	1214491	1215861	0.30	cps
Strontium	88-1	10390135	10542254	10449475	10460621	0.73	cps
Sulfur	34-1	159439	158059	157071	158190	0.75	cps
Terbium	159-1	5356813	5368097	5364145	5363018	0.11	cps
Terbium	159-2	1760793	1791024	1879833	1810550	3.42	cps
Thallium	203-1	1987981	1973810	1999863	1987218	0.66	cps
Thallium	205-1	4644945	4647468	4729217	4673877	1.03	cps
Tin	118-1	1583747	1599492	1634247	1605829	1.61	cps
Titanium	47-1	968899	973645	984653	975732	0.83	cps
Uranium	238-1	6035631	6098474	6122947	6085684	0.74	cps
Vanadium	51-2	383491	397955	409983	397143	3.34	cps
Yttrium	89-1	3964068	3920790	3948139	3944333	0.55	cps
Yttrium	89-2	358926	376012	384757	373232	3.52	cps
Zinc	66-2	163749	169667	175261	169559	3.39	cps
Zirconium	90-1	3295572	3296858	3300180	3297537	0.07	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-11	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:31:39	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	742653	746731	748514	745966	0.40	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09A	Instrumnet Name :	P8
Client Sample ID :	S73-0229A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:35:15	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150407	157954	161256	156539	3.55	cps
Antimony	121-1	2410451	2435759	2438933	2428381	0.64	cps
Arsenic	75-2	64512	67626	70080	67406	4.14	cps
Barium	135-1	2533434	2574592	2617680	2575235	1.64	cps
Barium	137-1	4365474	4381323	4456625	4401141	1.11	cps
Beryllium	9-1	230602	240027	236369	235666	2.02	cps
Bismuth	209-1	3287743	3358430	3383082	3343085	1.48	cps
Bismuth	209-2	1184980	1100336	1224166	1169828	5.41	cps
Boron	10-1	23395	25072	24763	24410	3.66	cps
Boron	11-1	118185	123040	122729	121318	2.24	cps
Cadmium	111-1	541272	554155	554141	549856	1.35	cps
Cadmium	106-1	55456	56426	56116	55999	0.89	cps
Cadmium	108-1	37134	37907	38325	37789	1.60	cps
Calcium	43-1	1053252	1062360	1075575	1063729	1.06	cps
Calcium	44-1	17189350	16929340	17120217	17079636	0.79	cps
Chromium	52-2	489141	514629	525573	509781	3.67	cps
Cobalt	59-2	839528	875032	900164	871575	3.50	cps
Copper	63-2	1310035	1380642	1403371	1364682	3.57	cps
Dysprosium	156-1	242	267	308	272	12.37	cps
Dysprosium	156-2	50	77	60	62	21.65	cps
Erbium	164-1	267	308	375	317	17.26	cps
Erbium	164-2	110	90	97	99	10.30	cps
Gadolinium	160-1	217	183	192	197	8.79	cps
Gadolinium	160-2	107	113	117	112	4.54	cps
Holmium	165-1	5095932	5226475	5249189	5190532	1.59	cps
Holmium	165-2	1744492	1630806	1818191	1731163	5.45	cps
Indium	115-1	3819745	3884222	3956145	3886704	1.76	cps
Indium	115-2	432944	406956	455789	431897	5.66	cps
Iron	56-2	20444421	21648640	21945225	21346095	3.72	cps
Iron	57-2	503584	528573	541902	524686	3.71	cps
Lead	206-1	1659287	1682088	1705718	1682364	1.38	cps
Lead	207-1	1389065	1400846	1407881	1399264	0.68	cps
Lead	208-1	6557608	6656113	6692685	6635469	1.05	cps
Lithium	6-1	450416	456885	466898	458066	1.81	cps
Magnesium	24-2	3434768	3646554	3602369	3561230	3.14	cps
Manganese	55-2	2088175	2180983	2251614	2173591	3.77	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09A	Instrumnet Name :	P8
Client Sample ID :	S73-0229A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:35:15	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4162594	4239308	4179962	4193954	0.96	cps
Molybdenum	95-1	5250599	5332340	5364647	5315862	1.11	cps
Molybdenum	96-1	5773027	5904235	5937911	5871724	1.48	cps
Molybdenum	97-1	3298865	3358112	3346603	3334526	0.94	cps
Molybdenum	98-1	8389340	8498311	8413661	8433771	0.68	cps
Neodymium	150-1	313	273	407	331	20.66	cps
Neodymium	150-2	53	43	50	49	10.42	cps
Nickel	60-2	234871	241929	247661	241487	2.65	cps
Phosphorus	31-2	242	275	308	275	12.12	cps
Potassium	39-2	1262322	1312778	1382982	1319361	4.59	cps
Rhodium	103-1	3461296	3504418	3511842	3492519	0.78	cps
Rhodium	103-2	1391675	1328575	1444713	1388321	4.19	cps
Scandium	45-1	1723669	1719144	1769653	1737489	1.61	cps
Scandium	45-2	63881	59824	67187	63631	5.80	cps
Selenium	77-2	797	763	880	813	7.39	cps
Selenium	78-2	2579	2672	2674	2641	2.06	cps
Selenium	82-1	31316	31494	31812	31541	0.80	cps
Silicon	28-1	14526083	14708353	14608014	14614150	0.62	cps
Silver	109-1	2355118	2437760	2418355	2403744	1.80	cps
Silver	107-1	2447717	2507324	2494316	2483119	1.26	cps
Sodium	23-2	8132795	8490635	8796786	8473405	3.92	cps
Strontium	86-1	1228325	1238871	1247406	1238201	0.77	cps
Strontium	88-1	10504824	10754461	10717540	10658942	1.26	cps
Sulfur	34-1	156929	154780	153450	155053	1.13	cps
Terbium	159-1	5329064	5376989	5450704	5385586	1.14	cps
Terbium	159-2	1746137	1636987	1783349	1722158	4.42	cps
Thallium	203-1	2010781	2020001	2054416	2028399	1.13	cps
Thallium	205-1	4659241	4870905	4907477	4812541	2.78	cps
Tin	118-1	1647371	1651586	1669292	1656083	0.70	cps
Titanium	47-1	998644	998580	996211	997812	0.14	cps
Uranium	238-1	6150516	6211882	6305619	6222672	1.26	cps
Vanadium	51-2	381942	401231	409699	397624	3.58	cps
Yttrium	89-1	3923813	3983325	4052528	3986555	1.62	cps
Yttrium	89-2	352622	334033	373166	353273	5.54	cps
Zinc	66-2	162185	174084	175049	170439	4.20	cps
Zirconium	90-1	3296781	3357570	3417776	3357376	1.80	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09A	Instrumnet Name :	P8
Client Sample ID :	S73-0229A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:35:15	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	752246	760504	767007	759919	0.97	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-12	Instrumnet Name :	P8
Client Sample ID :	S73-0231	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:38:50	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1508	1708	1533	1583	6.88	cps
Antimony	121-1	6043	5968	5393	5801	6.13	cps
Arsenic	75-2	93158	97891	100013	97021	3.62	cps
Barium	135-1	9962	9896	10263	10040	1.95	cps
Barium	137-1	17320	17061	16936	17106	1.14	cps
Beryllium	9-1	167	217	178	187	14.04	cps
Bismuth	209-1	3290148	3373831	3538846	3400942	3.72	cps
Bismuth	209-2	1204417	1253512	1288254	1248728	3.37	cps
Boron	10-1	3901	3809	3676	3795	2.98	cps
Boron	11-1	19739	18145	18012	18632	5.16	cps
Cadmium	111-1	1374	1453	1207	1345	9.35	cps
Cadmium	106-1	992	1233	792	1006	22.00	cps
Cadmium	108-1	58	63	50	57	11.18	cps
Calcium	43-1	128340	128979	129072	128797	0.31	cps
Calcium	44-1	2137351	2118629	2098578	2118186	0.92	cps
Chromium	52-2	1333	1310	1487	1377	6.97	cps
Cobalt	59-2	50257	52736	54017	52337	3.65	cps
Copper	63-2	5131	5658	5961	5583	7.52	cps
Dysprosium	156-1	375	300	225	300	25.00	cps
Dysprosium	156-2	123	117	130	123	5.40	cps
Erbium	164-1	292	317	325	311	5.58	cps
Erbium	164-2	83	113	93	97	15.80	cps
Gadolinium	160-1	342	325	375	347	7.33	cps
Gadolinium	160-2	137	133	150	140	6.30	cps
Holmium	165-1	5050296	5104011	5306243	5153517	2.62	cps
Holmium	165-2	1732549	1809311	1875648	1805836	3.97	cps
Indium	115-1	3786242	3894859	4026069	3902390	3.08	cps
Indium	115-2	442292	467324	480063	463227	4.15	cps
Iron	56-2	68809871	74094507	74928677	72611018	4.57	cps
Iron	57-2	1786346	1881944	1904387	1857559	3.37	cps
Lead	206-1	1878	2022	1961	1954	3.71	cps
Lead	207-1	1489	1661	1467	1539	6.92	cps
Lead	208-1	7457	7807	7773	7679	2.52	cps
Lithium	6-1	430247	438453	448192	438964	2.05	cps
Magnesium	24-2	139442	147903	154354	147233	5.08	cps
Manganese	55-2	361995	380912	391698	378201	3.98	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-12	Instrumnet Name :	P8
Client Sample ID :	S73-0231	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:38:50	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16869	16586	15976	16477	2.77	cps
Molybdenum	95-1	29040	28531	28422	28664	1.15	cps
Molybdenum	96-1	30602	31178	31111	30964	1.02	cps
Molybdenum	97-1	18029	18588	18163	18260	1.60	cps
Molybdenum	98-1	45150	45427	45394	45324	0.33	cps
Neodymium	150-1	400	307	367	358	13.22	cps
Neodymium	150-2	77	87	77	80	7.22	cps
Nickel	60-2	12172	12983	12956	12704	3.63	cps
Phosphorus	31-2	567	708	675	650	11.40	cps
Potassium	39-2	112437	120906	123537	118960	4.88	cps
Rhodium	103-1	3444090	3441714	3622056	3502620	2.95	cps
Rhodium	103-2	1408927	1474194	1528428	1470516	4.07	cps
Scandium	45-1	1628295	1658304	1685562	1657387	1.73	cps
Scandium	45-2	61417	64929	67752	64699	4.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	12	13	11	18.37	cps
Selenium	82-1	6	60	3	23	140.18	cps
Silicon	28-1	16688445	16482985	16329053	16500161	1.09	cps
Silver	109-1	1433	1408	1283	1375	5.84	cps
Silver	107-1	1650	1658	1592	1633	2.22	cps
Sodium	23-2	1571399	1651713	1733364	1652159	4.90	cps
Strontium	86-1	114511	116324	117829	116221	1.43	cps
Strontium	88-1	1020225	1027495	1033436	1027052	0.64	cps
Sulfur	34-1	110185	106439	106246	107623	2.06	cps
Terbium	159-1	5207822	5337141	5503274	5349412	2.77	cps
Terbium	159-2	1722796	1815297	1833403	1790498	3.31	cps
Thallium	203-1	2050	2384	2159	2197	7.74	cps
Thallium	205-1	5518	5660	5426	5535	2.13	cps
Tin	118-1	7569	8278	7902	7916	4.48	cps
Titanium	47-1	1825	1800	2050	1892	7.28	cps
Uranium	238-1	1558	2167	1942	1889	16.29	cps
Vanadium	51-2	1173	1357	1317	1282	7.52	cps
Yttrium	89-1	3729221	3933921	3998646	3887263	3.62	cps
Yttrium	89-2	350258	369212	381589	367020	4.30	cps
Zinc	66-2	2540	2617	2534	2564	1.81	cps
Zirconium	90-1	1192	1608	1542	1447	15.47	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-12	Instrumnet Name :	P8
Client Sample ID :	S73-0231	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:38:50	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	525	542	583	550	5.46	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-13	Instrumnet Name :	P8
Client Sample ID :	S73-0232	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:42:28	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2009	2217	2217	2147	5.60	cps
Antimony	121-1	5376	5034	4384	4932	10.22	cps
Arsenic	75-2	89876	95091	97120	94029	3.97	cps
Barium	135-1	10112	10213	10529	10285	2.12	cps
Barium	137-1	16995	17395	17904	17431	2.62	cps
Beryllium	9-1	83	106	106	98	13.08	cps
Bismuth	209-1	3469224	3233760	3443086	3382023	3.82	cps
Bismuth	209-2	1205413	1252132	1283011	1246852	3.13	cps
Boron	10-1	2575	2875	2650	2700	5.78	cps
Boron	11-1	13482	13140	13482	13368	1.48	cps
Cadmium	111-1	1146	994	1249	1130	11.36	cps
Cadmium	106-1	925	775	1042	914	14.63	cps
Cadmium	108-1	38	46	38	40	11.94	cps
Calcium	43-1	132437	131319	133958	132571	1.00	cps
Calcium	44-1	2160861	2176332	2156337	2164510	0.48	cps
Chromium	52-2	1277	1293	1197	1256	4.12	cps
Cobalt	59-2	51799	53007	54118	52975	2.19	cps
Copper	63-2	5681	5965	5871	5839	2.47	cps
Dysprosium	156-1	242	275	325	281	14.95	cps
Dysprosium	156-2	143	130	120	131	8.93	cps
Erbium	164-1	467	392	458	439	9.37	cps
Erbium	164-2	130	163	143	146	11.53	cps
Gadolinium	160-1	292	392	392	358	16.11	cps
Gadolinium	160-2	137	143	110	130	13.57	cps
Holmium	165-1	5288390	4982568	5289670	5186876	3.41	cps
Holmium	165-2	1735535	1815369	1880757	1810554	4.02	cps
Indium	115-1	3981938	3758442	3911244	3883875	2.94	cps
Indium	115-2	445184	466558	481520	464421	3.93	cps
Iron	56-2	70994609	74694596	76208085	73965763	3.63	cps
Iron	57-2	1781058	1873155	1966245	1873486	4.94	cps
Lead	206-1	1617	1739	1711	1689	3.79	cps
Lead	207-1	1445	1406	1428	1426	1.37	cps
Lead	208-1	6768	6667	6634	6690	1.04	cps
Lithium	6-1	425469	401758	425191	417473	3.26	cps
Magnesium	24-2	152973	156974	161464	157137	2.70	cps
Manganese	55-2	372635	393479	402402	389506	3.92	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-13	Instrumnet Name :	P8
Client Sample ID :	S73-0232	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:42:28	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	16869	16260	15726	16285	3.51	cps
Molybdenum	95-1	28706	28296	28589	28530	0.74	cps
Molybdenum	96-1	31119	31637	31896	31551	1.25	cps
Molybdenum	97-1	18046	17670	18605	18107	2.60	cps
Molybdenum	98-1	45702	46539	46982	46408	1.40	cps
Neodymium	150-1	393	380	480	418	13.00	cps
Neodymium	150-2	107	97	110	104	6.64	cps
Nickel	60-2	12793	13110	13457	13120	2.53	cps
Phosphorus	31-2	517	725	750	664	19.30	cps
Potassium	39-2	111749	118058	122268	117358	4.51	cps
Rhodium	103-1	3535102	3371537	3543103	3483247	2.78	cps
Rhodium	103-2	1419742	1474110	1509625	1467826	3.08	cps
Scandium	45-1	1660156	1581781	1660950	1634296	2.78	cps
Scandium	45-2	61714	65421	67263	64799	4.36	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	17	10	15	14	25.75	cps
Selenium	82-1	-96	34	-24	-29	-228.27	cps
Silicon	28-1	16182742	16316977	16672100	16390606	1.54	cps
Silver	109-1	558	475	583	539	10.53	cps
Silver	107-1	492	625	542	553	12.19	cps
Sodium	23-2	1593389	1639579	1683082	1638683	2.74	cps
Strontium	86-1	123587	123040	122529	123052	0.43	cps
Strontium	88-1	1072385	1079897	1078653	1076978	0.37	cps
Sulfur	34-1	108858	108791	108623	108757	0.11	cps
Terbium	159-1	5460792	5215518	5363105	5346472	2.31	cps
Terbium	159-2	1696102	1816967	1875647	1796239	5.10	cps
Thallium	203-1	950	1083	825	953	13.56	cps
Thallium	205-1	2584	2275	2292	2384	7.28	cps
Tin	118-1	5535	5726	5193	5485	4.93	cps
Titanium	47-1	1859	2567	2167	2197	16.17	cps
Uranium	238-1	1083	1033	883	1000	10.41	cps
Vanadium	51-2	1327	1420	1410	1386	3.70	cps
Yttrium	89-1	4031497	3841175	4017311	3963327	2.68	cps
Yttrium	89-2	354652	371327	379692	368557	3.46	cps
Zinc	66-2	1833	1873	2040	1916	5.72	cps
Zirconium	90-1	1083	775	883	914	17.12	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-13	Instrumnet Name :	P8
Client Sample ID :	S73-0232	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:42:28	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	508	542	400	483	15.32	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-14	Instrumnet Name :	P8
Client Sample ID :	S73-0234	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:46:05	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	650	658	775	694	10.06	cps
Antimony	121-1	5660	4709	4901	5090	9.87	cps
Arsenic	75-2	1002	1053	1033	1029	2.50	cps
Barium	135-1	14875	16119	15985	15660	4.36	cps
Barium	137-1	26235	26277	26460	26324	0.46	cps
Beryllium	9-1	50	44	44	46	6.92	cps
Bismuth	209-1	3480623	3429466	3491269	3467119	0.95	cps
Bismuth	209-2	1142157	1177402	1265815	1195125	5.33	cps
Boron	10-1	1992	1859	1800	1884	5.22	cps
Boron	11-1	10329	10162	9929	10140	1.98	cps
Cadmium	111-1	632	685	557	625	10.29	cps
Cadmium	106-1	892	975	800	889	9.85	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	550766	545681	548660	548369	0.47	cps
Calcium	44-1	8841269	8650268	8827736	8773091	1.21	cps
Chromium	52-2	790	950	940	893	10.03	cps
Cobalt	59-2	1370	1387	1530	1429	6.16	cps
Copper	63-2	2747	2674	2890	2770	3.98	cps
Dysprosium	156-1	200	158	158	172	13.97	cps
Dysprosium	156-2	37	60	43	47	25.75	cps
Erbium	164-1	225	192	242	219	11.60	cps
Erbium	164-2	43	60	43	49	19.69	cps
Gadolinium	160-1	167	158	233	186	22.09	cps
Gadolinium	160-2	53	73	60	62	16.37	cps
Holmium	165-1	5279394	5267855	5416908	5321386	1.56	cps
Holmium	165-2	1672827	1678330	1830126	1727094	5.17	cps
Indium	115-1	3922589	4010368	3936285	3956414	1.19	cps
Indium	115-2	418265	433289	471885	441147	6.27	cps
Iron	56-2	1496782	1550304	1590122	1545736	3.03	cps
Iron	57-2	36509	37857	38765	37710	3.01	cps
Lead	206-1	622	628	550	600	7.23	cps
Lead	207-1	589	433	500	507	15.38	cps
Lead	208-1	2522	2378	2261	2387	5.48	cps
Lithium	6-1	429566	428990	431380	429979	0.29	cps
Magnesium	24-2	1042688	1090304	1112764	1081919	3.31	cps
Manganese	55-2	388367	411620	415309	405099	3.61	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-14	Instrumnet Name :	P8
Client Sample ID :	S73-0234	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:46:05	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	925	858	850	878	4.68	cps
Molybdenum	95-1	1033	950	1033	1006	4.78	cps
Molybdenum	96-1	1092	1200	1033	1108	7.63	cps
Molybdenum	97-1	758	567	658	661	14.50	cps
Molybdenum	98-1	1742	1708	1742	1731	1.11	cps
Neodymium	150-1	240	167	220	209	18.15	cps
Neodymium	150-2	33	53	40	42	24.12	cps
Nickel	60-2	437	463	457	452	3.07	cps
Phosphorus	31-2	200	200	242	214	11.25	cps
Potassium	39-2	193050	201167	206775	200331	3.44	cps
Rhodium	103-1	3531060	3533436	3549240	3537912	0.28	cps
Rhodium	103-2	1343459	1372211	1484976	1400216	5.34	cps
Scandium	45-1	1622074	1656088	1676547	1651570	1.67	cps
Scandium	45-2	59247	60848	66094	62063	5.77	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	14	9	10	36.06	cps
Selenium	82-1	22	2	22	15	76.20	cps
Silicon	28-1	7338454	7275535	7390974	7334988	0.79	cps
Silver	109-1	417	408	417	414	1.16	cps
Silver	107-1	500	442	350	431	17.56	cps
Sodium	23-2	2189695	2285230	2348528	2274484	3.52	cps
Strontium	86-1	477206	474847	477036	476363	0.28	cps
Strontium	88-1	4073540	4153027	4133358	4119975	1.00	cps
Sulfur	34-1	178176	174885	174650	175904	1.12	cps
Terbium	159-1	5493914	5453286	5656008	5534403	1.94	cps
Terbium	159-2	1658378	1687603	1840158	1728713	5.65	cps
Thallium	203-1	575	625	633	611	5.16	cps
Thallium	205-1	1675	1600	1592	1622	2.83	cps
Tin	118-1	4009	4142	4026	4059	1.79	cps
Titanium	47-1	1400	1467	1442	1436	2.35	cps
Uranium	238-1	20025	20309	20434	20256	1.03	cps
Vanadium	51-2	210	147	233	197	22.80	cps
Yttrium	89-1	4021341	4064011	4055743	4047032	0.56	cps
Yttrium	89-2	333188	345593	374725	351168	6.07	cps
Zinc	66-2	880	913	1017	937	7.61	cps
Zirconium	90-1	700	967	667	778	21.16	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-14	Instrumnet Name :	P8
Client Sample ID :	S73-0234	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:46:05	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	75	192	131	44.83	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-15	Instrumnet Name :	P8
Client Sample ID :	S73-0235	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:49:42	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	75	175	150	44.10	cps
Antimony	121-1	4876	4359	4343	4526	6.70	cps
Arsenic	75-2	2677	2694	2941	2770	5.34	cps
Barium	135-1	15726	16027	15826	15860	0.96	cps
Barium	137-1	27045	27729	28464	27746	2.56	cps
Beryllium	9-1	33	89	67	63	44.41	cps
Bismuth	209-1	3466232	3477172	3516398	3486601	0.76	cps
Bismuth	209-2	1210594	1266395	1288009	1254999	3.18	cps
Boron	10-1	1667	1500	1575	1581	5.28	cps
Boron	11-1	7510	7819	7677	7669	2.01	cps
Cadmium	111-1	596	564	598	586	3.22	cps
Cadmium	106-1	850	808	850	836	2.88	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	258028	257720	262422	259390	1.01	cps
Calcium	44-1	4140782	4223974	4302281	4222345	1.91	cps
Chromium	52-2	823	687	840	783	10.74	cps
Cobalt	59-2	643	653	683	660	3.15	cps
Copper	63-2	2827	2977	3040	2948	3.72	cps
Dysprosium	156-1	192	133	275	200	35.60	cps
Dysprosium	156-2	63	73	47	61	22.04	cps
Erbium	164-1	233	300	250	261	13.29	cps
Erbium	164-2	43	103	83	77	39.85	cps
Gadolinium	160-1	225	158	242	208	21.17	cps
Gadolinium	160-2	107	53	83	81	32.97	cps
Holmium	165-1	5293995	5355062	5484947	5378001	1.81	cps
Holmium	165-2	1729794	1833154	1862913	1808620	3.86	cps
Indium	115-1	4029560	3938855	4072115	4013510	1.70	cps
Indium	115-2	437623	461949	474814	458129	4.12	cps
Iron	56-2	24783681	26232955	27204059	26073565	4.67	cps
Iron	57-2	608371	648489	662304	639721	4.38	cps
Lead	206-1	439	517	561	506	12.24	cps
Lead	207-1	422	417	372	404	6.79	cps
Lead	208-1	1828	1928	1911	1889	2.84	cps
Lithium	6-1	441050	437511	443216	440592	0.65	cps
Magnesium	24-2	285083	298011	306108	296401	3.58	cps
Manganese	55-2	996649	1054613	1077988	1043083	4.01	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-15	Instrumnet Name :	P8
Client Sample ID :	S73-0235	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:49:42	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	400	317	525	414	25.33	cps
Molybdenum	95-1	233	292	183	236	22.96	cps
Molybdenum	96-1	483	608	475	522	14.30	cps
Molybdenum	97-1	275	158	250	228	26.97	cps
Molybdenum	98-1	333	283	350	322	10.77	cps
Neodymium	150-1	107	100	133	113	15.57	cps
Neodymium	150-2	37	40	40	39	4.94	cps
Nickel	60-2	320	380	337	346	8.96	cps
Phosphorus	31-2	333	275	400	336	18.61	cps
Potassium	39-2	93240	97997	98945	96728	3.16	cps
Rhodium	103-1	3542658	3564202	3584509	3563790	0.59	cps
Rhodium	103-2	1403206	1480791	1512089	1465362	3.83	cps
Scandium	45-1	1708215	1702632	1733402	1714749	0.96	cps
Scandium	45-2	61624	65957	66375	64652	4.07	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	5	6	13	8	54.49	cps
Selenium	82-1	-7	-44	9	-14	-195.85	cps
Silicon	28-1	16445247	16601182	16720932	16589120	0.83	cps
Silver	109-1	342	267	275	294	13.96	cps
Silver	107-1	267	333	292	297	11.33	cps
Sodium	23-2	646843	675115	696471	672810	3.70	cps
Strontium	86-1	392179	391018	396989	393395	0.80	cps
Strontium	88-1	3420352	3429208	3438828	3429463	0.27	cps
Sulfur	34-1	125981	123855	125073	124970	0.85	cps
Terbium	159-1	5585569	5521577	5577457	5561534	0.63	cps
Terbium	159-2	1733616	1821236	1846127	1800326	3.28	cps
Thallium	203-1	367	550	408	442	21.76	cps
Thallium	205-1	1183	1208	1150	1181	2.48	cps
Tin	118-1	3659	3409	3459	3509	3.77	cps
Titanium	47-1	842	700	758	767	9.29	cps
Uranium	238-1	92	42	150	94	57.41	cps
Vanadium	51-2	313	377	333	341	9.49	cps
Yttrium	89-1	4035831	4002501	4116742	4051691	1.45	cps
Yttrium	89-2	349552	365030	373340	362641	3.33	cps
Zinc	66-2	1167	1180	1177	1175	0.59	cps
Zirconium	90-1	575	450	550	525	12.60	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-15	Instrumnet Name :	P8
Client Sample ID :	S73-0235	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:49:42	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	192	133	175	20.76	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : K2910-16 Instrumnet Name : P8
 Client Sample ID : S73-0236 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 17:53:20 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	183	167	175	4.76	cps
Antimony	121-1	4368	3917	4234	4173	5.54	cps
Arsenic	75-2	31412	33647	34217	33092	4.48	cps
Barium	135-1	18188	18872	18572	18544	1.85	cps
Barium	137-1	32290	32908	33250	32816	1.48	cps
Beryllium	9-1	17	22	44	28	52.92	cps
Bismuth	209-1	3569317	3196847	3209347	3325170	6.36	cps
Bismuth	209-2	1221964	1265658	1282826	1256816	2.50	cps
Boron	10-1	1208	1350	1175	1245	7.47	cps
Boron	11-1	6835	6593	7010	6813	3.07	cps
Cadmium	111-1	651	576	678	635	8.29	cps
Cadmium	106-1	917	792	925	878	8.51	cps
Cadmium	108-1	17	4	4	8	86.57	cps
Calcium	43-1	151163	152909	153919	152664	0.91	cps
Calcium	44-1	2425659	2455687	2492965	2458104	1.37	cps
Chromium	52-2	833	777	747	786	5.60	cps
Cobalt	59-2	20856	21694	21867	21472	2.52	cps
Copper	63-2	3014	3270	3260	3182	4.57	cps
Dysprosium	156-1	75	83	117	92	24.05	cps
Dysprosium	156-2	37	13	13	21	63.83	cps
Erbium	164-1	117	83	167	122	34.31	cps
Erbium	164-2	40	17	30	29	40.51	cps
Gadolinium	160-1	100	58	83	81	26.04	cps
Gadolinium	160-2	37	37	37	37	0.00	cps
Holmium	165-1	5396668	4867872	4930842	5065127	5.70	cps
Holmium	165-2	1780033	1840326	1882105	1834155	2.80	cps
Indium	115-1	4010860	3628676	3718431	3785989	5.28	cps
Indium	115-2	449311	468531	480440	466094	3.37	cps
Iron	56-2	65971225	69880957	70878577	68910253	3.76	cps
Iron	57-2	1653445	1793233	1796341	1747673	4.67	cps
Lead	206-1	461	533	511	502	7.37	cps
Lead	207-1	506	378	400	428	15.96	cps
Lead	208-1	2022	1856	1822	1900	5.64	cps
Lithium	6-1	429197	386475	391748	402473	5.79	cps
Magnesium	24-2	183738	191092	191880	188903	2.38	cps
Manganese	55-2	471592	493082	507456	490710	3.68	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-16	Instrumnet Name :	P8
Client Sample ID :	S73-0236	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:53:20	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9962	9737	9362	9687	3.13	cps
Molybdenum	95-1	16611	17145	16352	16702	2.42	cps
Molybdenum	96-1	18346	18939	18964	18749	1.86	cps
Molybdenum	97-1	10638	10563	10905	10702	1.68	cps
Molybdenum	98-1	27720	26927	27896	27514	1.88	cps
Neodymium	150-1	47	67	60	58	17.62	cps
Neodymium	150-2	13	23	27	21	32.88	cps
Nickel	60-2	2237	2154	2257	2216	2.47	cps
Phosphorus	31-2	550	525	558	544	3.19	cps
Potassium	39-2	137354	145536	153933	145608	5.69	cps
Rhodium	103-1	3532990	3214753	3253174	3333639	5.21	cps
Rhodium	103-2	1434399	1490385	1539504	1488096	3.53	cps
Scandium	45-1	1616449	1525045	1481779	1541091	4.46	cps
Scandium	45-2	63144	66097	67508	65583	3.40	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	9	8	6	8	19.92	cps
Selenium	82-1	-31	-23	24	-10	-294.93	cps
Silicon	28-1	8412689	8446616	8602223	8487176	1.19	cps
Silver	109-1	208	233	208	217	6.66	cps
Silver	107-1	283	383	217	294	28.49	cps
Sodium	23-2	2109697	2181830	2238511	2176679	2.97	cps
Strontium	86-1	162007	163670	168644	164774	2.10	cps
Strontium	88-1	1465559	1459637	1478967	1468054	0.67	cps
Sulfur	34-1	135644	132650	133491	133928	1.15	cps
Terbium	159-1	5571998	4964663	5138891	5225184	5.99	cps
Terbium	159-2	1785977	1834387	1855906	1825424	1.96	cps
Thallium	203-1	392	342	242	325	23.50	cps
Thallium	205-1	750	800	858	803	6.75	cps
Tin	118-1	3417	3384	3517	3439	2.02	cps
Titanium	47-1	750	533	650	644	16.83	cps
Uranium	238-1	808	883	875	856	4.81	cps
Vanadium	51-2	283	277	273	278	1.83	cps
Yttrium	89-1	4034743	3675499	3692116	3800786	5.34	cps
Yttrium	89-2	355538	374346	381725	370536	3.64	cps
Zinc	66-2	1060	1220	1227	1169	8.07	cps
Zirconium	90-1	442	425	475	447	5.69	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-16	Instrumnet Name :	P8
Client Sample ID :	S73-0236	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:53:20	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	167	167	186	18.10	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-17	Instrumnet Name :	P8
Client Sample ID :	S73-0233	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:56:57	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	150	150	147	3.27	cps
Antimony	121-1	4409	4134	3809	4117	7.30	cps
Arsenic	75-2	51778	54527	56599	54302	4.45	cps
Barium	135-1	11088	11447	11597	11377	2.30	cps
Barium	137-1	19532	19398	19648	19526	0.64	cps
Beryllium	9-1	6	17	28	17	66.65	cps
Bismuth	209-1	3536479	3563810	3607955	3569414	1.01	cps
Bismuth	209-2	1223696	1274960	1306562	1268406	3.30	cps
Boron	10-1	1608	1308	1550	1489	10.68	cps
Boron	11-1	7485	7260	7135	7294	2.43	cps
Cadmium	111-1	582	547	621	583	6.36	cps
Cadmium	106-1	825	775	875	825	6.06	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	305303	306835	309678	307272	0.72	cps
Calcium	44-1	4853518	4882882	5002674	4913025	1.61	cps
Chromium	52-2	687	733	743	721	4.19	cps
Cobalt	59-2	5111	5431	5531	5358	4.10	cps
Copper	63-2	3414	3711	3737	3620	4.96	cps
Dysprosium	156-1	58	33	50	47	26.96	cps
Dysprosium	156-2	13	7	13	11	34.61	cps
Erbium	164-1	8	58	67	44	70.99	cps
Erbium	164-2	20	10	10	13	43.30	cps
Gadolinium	160-1	33	75	58	56	37.75	cps
Gadolinium	160-2	30	20	23	24	20.83	cps
Holmium	165-1	5419590	5482543	5536068	5479400	1.06	cps
Holmium	165-2	1773399	1845070	1880817	1833095	2.98	cps
Indium	115-1	4092860	4089032	4100966	4094286	0.15	cps
Indium	115-2	450883	476952	487866	471900	4.03	cps
Iron	56-2	63796264	67204707	67927568	66309513	3.33	cps
Iron	57-2	1610768	1695794	1750952	1685838	4.19	cps
Lead	206-1	544	506	622	557	10.66	cps
Lead	207-1	428	394	450	424	6.59	cps
Lead	208-1	1967	1856	2122	1982	6.76	cps
Lithium	6-1	401095	403985	407235	404105	0.76	cps
Magnesium	24-2	228754	237043	239483	235093	2.39	cps
Manganese	55-2	23911	24608	25513	24677	3.26	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-17	Instrumnet Name :	P8
Client Sample ID :	S73-0233	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:56:57	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5126	4609	5009	4915	5.52	cps
Molybdenum	95-1	8153	8470	8344	8322	1.92	cps
Molybdenum	96-1	9070	9303	9554	9309	2.60	cps
Molybdenum	97-1	5618	5293	5243	5385	3.78	cps
Molybdenum	98-1	13273	13315	13374	13321	0.38	cps
Neodymium	150-1	80	73	40	64	33.25	cps
Neodymium	150-2	0	20	7	9	114.55	cps
Nickel	60-2	1143	1203	1160	1169	2.65	cps
Phosphorus	31-2	542	625	667	611	10.42	cps
Potassium	39-2	96672	101463	104015	100717	3.70	cps
Rhodium	103-1	3579016	3705199	3669203	3651139	1.78	cps
Rhodium	103-2	1437994	1535776	1548746	1507505	4.02	cps
Scandium	45-1	1676151	1665319	1694167	1678545	0.87	cps
Scandium	45-2	63834	66452	67759	66015	3.03	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	12	20	15	16	25.80	cps
Selenium	82-1	8	-24	-8	-8	-194.88	cps
Silicon	28-1	9882072	9617237	9630701	9710003	1.54	cps
Silver	109-1	217	250	233	233	7.14	cps
Silver	107-1	275	242	208	242	13.79	cps
Sodium	23-2	579557	601741	619435	600244	3.33	cps
Strontium	86-1	172510	173648	173294	173151	0.34	cps
Strontium	88-1	1545150	1531542	1578817	1551836	1.57	cps
Sulfur	34-1	136570	137403	137664	137213	0.42	cps
Terbium	159-1	5623493	5674347	5740730	5679523	1.04	cps
Terbium	159-2	1748683	1877257	1891498	1839146	4.28	cps
Thallium	203-1	392	275	283	317	20.55	cps
Thallium	205-1	792	683	833	769	10.06	cps
Tin	118-1	3701	3609	3951	3753	4.71	cps
Titanium	47-1	733	558	533	608	17.91	cps
Uranium	238-1	275	242	275	264	7.29	cps
Vanadium	51-2	123	127	187	146	24.49	cps
Yttrium	89-1	4127026	4095742	4192071	4138280	1.19	cps
Yttrium	89-2	359313	374351	386689	373451	3.67	cps
Zinc	66-2	1417	1593	1600	1537	6.77	cps
Zirconium	90-1	400	442	375	406	8.30	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-17	Instrumnet Name :	P8
Client Sample ID :	S73-0233	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 17:56:57	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	275	292	283	283	2.94	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-18	Instrumnet Name :	P8
Client Sample ID :	S73-ER-2019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:00:34	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	142	192	150	25.46	cps
Antimony	121-1	4851	4659	4467	4659	4.12	cps
Arsenic	75-2	22	42	24	29	37.55	cps
Barium	135-1	658	742	667	689	6.66	cps
Barium	137-1	1342	1117	1050	1170	13.07	cps
Beryllium	9-1	17	39	28	28	39.99	cps
Bismuth	209-1	3465883	3604504	3596483	3555623	2.19	cps
Bismuth	209-2	1230699	1322402	1284924	1279342	3.60	cps
Boron	10-1	708	817	650	725	11.67	cps
Boron	11-1	3634	3917	3509	3687	5.68	cps
Cadmium	111-1	660	851	661	724	15.24	cps
Cadmium	106-1	917	1208	917	1014	16.61	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	1800	1859	1934	1864	3.59	cps
Calcium	44-1	31687	30567	30734	30996	1.95	cps
Chromium	52-2	1510	1440	1590	1513	4.96	cps
Cobalt	59-2	127	113	130	123	7.15	cps
Copper	63-2	15235	16016	16523	15925	4.07	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	33	25	42	33	25.01	cps
Gadolinium	160-2	13	3	17	11	62.48	cps
Holmium	165-1	5235055	5477751	5519201	5410669	2.84	cps
Holmium	165-2	1765935	1918934	1840652	1841840	4.15	cps
Indium	115-1	3967963	4122387	4160540	4083630	2.50	cps
Indium	115-2	449931	493017	477986	473645	4.62	cps
Iron	56-2	83375	87158	88131	86222	2.91	cps
Iron	57-2	1961	2228	2095	2095	6.37	cps
Lead	206-1	25531	25860	26121	25837	1.14	cps
Lead	207-1	21786	21752	22359	21966	1.55	cps
Lead	208-1	100640	100991	102444	101358	0.94	cps
Lithium	6-1	390164	399076	401369	396870	1.49	cps
Magnesium	24-2	3017	3017	2967	3000	0.96	cps
Manganese	55-2	597	687	727	670	9.94	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-18	Instrumnet Name :	P8
Client Sample ID :	S73-ER-2019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:00:34	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	433	475	492	467	6.44	cps
Molybdenum	95-1	417	425	583	475	19.77	cps
Molybdenum	96-1	542	525	475	514	6.75	cps
Molybdenum	97-1	383	275	383	347	18.01	cps
Molybdenum	98-1	783	975	667	808	19.26	cps
Neodymium	150-1	0	20	27	16	89.22	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	910	897	957	921	3.42	cps
Phosphorus	31-2	167	158	283	203	34.47	cps
Potassium	39-2	8544	9145	9370	9020	4.73	cps
Rhodium	103-1	3576987	3713942	3750944	3680624	2.49	cps
Rhodium	103-2	1467757	1619992	1559035	1548928	4.95	cps
Scandium	45-1	1586065	1661629	1671236	1639643	2.85	cps
Scandium	45-2	63412	68968	66496	66292	4.20	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	3	13	7	8	65.65	cps
Selenium	82-1	-19	14	10	2	1111.77	cps
Silicon	28-1	837213	820530	815107	824283	1.40	cps
Silver	109-1	150	167	158	158	5.26	cps
Silver	107-1	133	200	158	164	20.55	cps
Sodium	23-2	26701	27903	29222	27942	4.51	cps
Strontium	86-1	1200	1133	1400	1245	11.15	cps
Strontium	88-1	7302	7602	7235	7380	2.65	cps
Sulfur	34-1	114946	114804	113384	114378	0.76	cps
Terbium	159-1	5402225	5870448	5694002	5655558	4.18	cps
Terbium	159-2	1777350	1901943	1852910	1844068	3.40	cps
Thallium	203-1	275	133	200	203	34.95	cps
Thallium	205-1	550	600	533	561	6.18	cps
Tin	118-1	14200	13908	14667	14258	2.69	cps
Titanium	47-1	525	367	475	456	17.77	cps
Uranium	238-1	25	25	33	28	17.31	cps
Vanadium	51-2	87	83	93	88	5.80	cps
Yttrium	89-1	3933969	4142827	4129904	4068900	2.88	cps
Yttrium	89-2	355190	392614	379542	375782	5.05	cps
Zinc	66-2	5708	6275	6392	6125	5.97	cps
Zirconium	90-1	433	442	350	408	12.41	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-18	Instrumnet Name :	P8
Client Sample ID :	S73-ER-2019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:00:34	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	25	58	53	48.24	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:04:59	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	929011	972138	1002446	967865	3.81	cps
Antimony	121-1	2428101	2402004	2436851	2422319	0.75	cps
Arsenic	75-2	69590	72249	73809	71883	2.97	cps
Barium	135-1	2619510	2564390	2583279	2589060	1.08	cps
Barium	137-1	4468479	4538852	4520489	4509273	0.81	cps
Beryllium	9-1	284787	286923	289274	286994	0.78	cps
Bismuth	209-1	3327189	3306998	3277519	3303902	0.76	cps
Bismuth	209-2	1246302	1278925	1307084	1277437	2.38	cps
Boron	10-1	25022	25665	27602	26096	5.15	cps
Boron	11-1	126083	132516	134290	130963	3.30	cps
Cadmium	111-1	579169	573025	573315	575170	0.60	cps
Cadmium	106-1	60159	59087	58117	59121	1.73	cps
Cadmium	108-1	40937	40231	41071	40746	1.11	cps
Calcium	43-1	2479783	2503664	2503870	2495772	0.55	cps
Calcium	44-1	39999101	40010546	40641237	40216961	0.91	cps
Chromium	52-2	539130	556014	572223	555789	2.98	cps
Cobalt	59-2	900896	927570	957487	928651	3.05	cps
Copper	63-2	1335503	1391606	1421509	1382872	3.16	cps
Dysprosium	156-1	33	83	33	50	57.75	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	8	8	58	25	115.49	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	67	42	25	44	47.19	cps
Gadolinium	160-2	13	20	20	18	21.66	cps
Holmium	165-1	5430523	5432166	5377500	5413396	0.57	cps
Holmium	165-2	1926933	1968433	2004650	1966672	1.98	cps
Indium	115-1	4189613	4174441	4135986	4166680	0.66	cps
Indium	115-2	498173	517456	532263	515964	3.31	cps
Iron	56-2	95417410	99129166	101673202	98739926	3.19	cps
Iron	57-2	2440404	2501282	2549173	2496953	2.18	cps
Lead	206-1	1566435	1562169	1602494	1577032	1.40	cps
Lead	207-1	1393083	1380305	1377398	1383595	0.60	cps
Lead	208-1	6425508	6388159	6416048	6409905	0.30	cps
Lithium	6-1	540814	544914	543867	543198	0.39	cps
Magnesium	24-2	13806999	14347099	14729108	14294402	3.24	cps
Manganese	55-2	447140	469504	481255	465966	3.72	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:04:59	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4342322	4413406	4393619	4383116	0.84	cps
Molybdenum	95-1	5429277	5451960	5428723	5436654	0.24	cps
Molybdenum	96-1	6044246	5961701	6011778	6005909	0.69	cps
Molybdenum	97-1	3377803	3373181	3348617	3366534	0.47	cps
Molybdenum	98-1	8471195	8599701	8649575	8573491	1.07	cps
Neodymium	150-1	180	167	140	162	12.56	cps
Neodymium	150-2	17	13	27	19	36.75	cps
Nickel	60-2	244811	257685	260940	254479	3.35	cps
Phosphorus	31-2	13290	14825	14558	14224	5.77	cps
Potassium	39-2	5891683	6244181	6369210	6168358	4.01	cps
Rhodium	103-1	3835292	3809029	3780869	3808397	0.71	cps
Rhodium	103-2	1483534	1568546	1587148	1546410	3.57	cps
Scandium	45-1	2256053	2287770	2315727	2286517	1.31	cps
Scandium	45-2	75712	79047	81068	78609	3.44	cps
Selenium	77-2	847	883	957	896	6.25	cps
Selenium	78-2	2867	2930	3162	2986	5.20	cps
Selenium	82-1	34761	34449	35167	34792	1.04	cps
Silicon	28-1	1767358	1804870	1804901	1792376	1.21	cps
Silver	109-1	2575036	2572958	2577304	2575099	0.08	cps
Silver	107-1	2634198	2615432	2666401	2638677	0.98	cps
Sodium	23-2	31371582	32207493	33044144	32207740	2.60	cps
Strontium	86-1	672401	674654	676186	674414	0.28	cps
Strontium	88-1	5812552	5837452	5913312	5854438	0.90	cps
Sulfur	34-1	287007	286605	291732	288448	0.99	cps
Terbium	159-1	5645748	5614567	5582206	5614174	0.57	cps
Terbium	159-2	1907437	1952093	2013003	1957511	2.71	cps
Thallium	203-1	1967545	1969865	1971650	1969687	0.10	cps
Thallium	205-1	4639596	4636196	4626910	4634234	0.14	cps
Tin	118-1	1746030	1749626	1761822	1752493	0.47	cps
Titanium	47-1	1224751	1192355	1223686	1213597	1.52	cps
Uranium	238-1	5928152	5894022	5880422	5900865	0.42	cps
Vanadium	51-2	427899	444258	454989	442382	3.08	cps
Yttrium	89-1	4567005	4527853	4463432	4519430	1.16	cps
Yttrium	89-2	410592	427402	436785	424926	3.12	cps
Zinc	66-2	176875	185262	189491	183876	3.49	cps
Zirconium	90-1	3612019	3651943	3622398	3628787	0.57	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:04:59	DataFile Name :	065CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	813557	820576	818542	817558	0.44	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 18:08:35 DataFile Name : 066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	192	200	203	6.28	cps
Antimony	121-1	492	475	542	503	6.90	cps
Arsenic	75-2	13	14	19	15	20.96	cps
Barium	135-1	67	75	117	86	31.11	cps
Barium	137-1	83	117	183	128	39.85	cps
Beryllium	9-1	94	33	28	52	71.34	cps
Bismuth	209-1	3331448	3295085	3323757	3316763	0.58	cps
Bismuth	209-2	1271173	1339380	1360564	1323706	3.53	cps
Boron	10-1	1875	1975	1617	1822	10.15	cps
Boron	11-1	9628	9203	8569	9134	5.83	cps
Cadmium	111-1	803	785	829	806	2.73	cps
Cadmium	106-1	1133	1092	1158	1128	2.99	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	492	517	575	528	8.10	cps
Calcium	44-1	9262	9162	9812	9412	3.72	cps
Chromium	52-2	570	530	623	574	8.15	cps
Cobalt	59-2	190	210	223	208	8.08	cps
Copper	63-2	860	813	877	850	3.86	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	17	0	25	14	91.65	cps
Gadolinium	160-2	13	3	0	6	124.93	cps
Holmium	165-1	5225679	5339250	5310706	5291878	1.12	cps
Holmium	165-2	1860514	1983982	2022165	1955554	4.32	cps
Indium	115-1	4252900	4226910	4321975	4267262	1.15	cps
Indium	115-2	508115	540725	555072	534637	4.50	cps
Iron	56-2	18262	19102	19458	18941	3.24	cps
Iron	57-2	439	589	506	511	14.70	cps
Lead	206-1	644	656	611	637	3.63	cps
Lead	207-1	517	578	583	559	6.61	cps
Lead	208-1	2600	2628	2428	2552	4.25	cps
Lithium	6-1	572802	575113	576058	574658	0.29	cps
Magnesium	24-2	2725	2725	2850	2767	2.61	cps
Manganese	55-2	103	133	120	119	12.65	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:08:35	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	175	250	244	27.34	cps
Molybdenum	95-1	175	183	258	206	22.33	cps
Molybdenum	96-1	150	308	292	250	34.80	cps
Molybdenum	97-1	217	92	133	147	43.23	cps
Molybdenum	98-1	333	275	333	314	10.73	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	77	87	80	81	6.28	cps
Phosphorus	31-2	225	250	300	258	14.78	cps
Potassium	39-2	9854	10504	11063	10474	5.78	cps
Rhodium	103-1	3965714	4007484	3971505	3981568	0.57	cps
Rhodium	103-2	1553526	1663903	1705949	1641126	4.80	cps
Scandium	45-1	2389059	2333743	2392470	2371757	1.39	cps
Scandium	45-2	73521	77891	80585	77332	4.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	13	11	12	9.36	cps
Selenium	82-1	-11	-26	-34	-23	-50.80	cps
Silicon	28-1	1159281	1169343	1176222	1168282	0.73	cps
Silver	109-1	567	425	475	489	14.70	cps
Silver	107-1	650	533	450	544	18.45	cps
Sodium	23-2	12114	12739	12864	12573	3.20	cps
Strontium	86-1	567	550	442	519	13.07	cps
Strontium	88-1	150	200	333	228	41.61	cps
Sulfur	34-1	162161	161209	162743	162037	0.48	cps
Terbium	159-1	5494660	5501402	5504383	5500148	0.09	cps
Terbium	159-2	1860992	1974448	1997594	1944345	3.76	cps
Thallium	203-1	192	242	217	217	11.54	cps
Thallium	205-1	550	475	383	469	17.78	cps
Tin	118-1	383	392	383	386	1.25	cps
Titanium	47-1	558	658	692	636	10.91	cps
Uranium	238-1	83	133	142	119	26.41	cps
Vanadium	51-2	80	123	73	92	29.44	cps
Yttrium	89-1	4495418	4553283	4462920	4503874	1.02	cps
Yttrium	89-2	406949	429601	442825	426458	4.25	cps
Zinc	66-2	87	100	80	89	11.46	cps
Zirconium	90-1	392	467	333	397	16.83	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:08:35	DataFile Name :	066CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	142	100	103	36.56	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-19	Instrumnet Name :	P8
Client Sample ID :	S73-0223	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:13:42	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	250	183	192	28.51	cps
Antimony	121-1	19932	14975	11772	15560	26.42	cps
Arsenic	75-2	2473	2854	2737	2688	7.24	cps
Barium	135-1	21009	21351	21927	21429	2.17	cps
Barium	137-1	36041	37846	38030	37306	2.95	cps
Beryllium	9-1	11	39	39	30	54.13	cps
Bismuth	209-1	3486680	3532330	3491838	3503616	0.71	cps
Bismuth	209-2	1220697	1278113	1183271	1227360	3.89	cps
Boron	10-1	2250	2200	2050	2167	4.80	cps
Boron	11-1	10396	10371	9595	10121	4.50	cps
Cadmium	111-1	688	619	659	655	5.27	cps
Cadmium	106-1	925	817	892	878	6.32	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	436915	433845	433419	434726	0.44	cps
Calcium	44-1	7050399	6808212	7006285	6954965	1.85	cps
Chromium	52-2	717	740	703	720	2.58	cps
Cobalt	59-2	67	93	77	79	17.07	cps
Copper	63-2	2444	2597	2524	2521	3.04	cps
Dysprosium	156-1	142	100	83	108	27.73	cps
Dysprosium	156-2	37	37	43	39	9.89	cps
Erbium	164-1	208	208	300	239	22.15	cps
Erbium	164-2	53	73	90	72	25.42	cps
Gadolinium	160-1	117	175	83	125	37.12	cps
Gadolinium	160-2	53	73	53	60	19.25	cps
Holmium	165-1	5194661	5320896	5373313	5296290	1.73	cps
Holmium	165-2	1748097	1872521	1722079	1780899	4.51	cps
Indium	115-1	3969784	4058062	4011823	4013223	1.10	cps
Indium	115-2	452992	475762	443070	457275	3.67	cps
Iron	56-2	2704487	2830133	2839372	2791331	2.70	cps
Iron	57-2	65838	68171	69985	67998	3.06	cps
Lead	206-1	894	789	789	824	7.40	cps
Lead	207-1	694	778	617	696	11.57	cps
Lead	208-1	3517	3211	3017	3248	7.76	cps
Lithium	6-1	471678	474278	464876	470277	1.03	cps
Magnesium	24-2	837906	885500	895516	872974	3.53	cps
Manganese	55-2	162604	172796	173456	169619	3.59	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-19	Instrumnet Name :	P8
Client Sample ID :	S73-0223	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:13:42	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	767	700	775	747	5.50	cps
Molybdenum	95-1	1008	1233	1250	1164	11.60	cps
Molybdenum	96-1	1250	1133	1308	1231	7.24	cps
Molybdenum	97-1	700	767	758	742	4.90	cps
Molybdenum	98-1	1658	1884	1900	1814	7.44	cps
Neodymium	150-1	67	140	127	111	35.15	cps
Neodymium	150-2	17	33	13	21	50.75	cps
Nickel	60-2	370	447	420	412	9.44	cps
Phosphorus	31-2	150	242	208	200	23.20	cps
Potassium	39-2	240472	256862	259920	252418	4.14	cps
Rhodium	103-1	3576113	3622963	3662407	3620494	1.19	cps
Rhodium	103-2	1418512	1497416	1413542	1443156	3.26	cps
Scandium	45-1	1865405	1821213	1850618	1845745	1.22	cps
Scandium	45-2	63804	68261	62981	65015	4.37	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	8	10	11	10	15.80	cps
Selenium	82-1	21	6	-22	2	1316.93	cps
Silicon	28-1	8103292	8317876	8053143	8158104	1.72	cps
Silver	109-1	817	700	792	769	7.98	cps
Silver	107-1	1075	867	850	931	13.47	cps
Sodium	23-2	3335164	3540825	3505170	3460386	3.18	cps
Strontium	86-1	362767	367879	366029	365559	0.71	cps
Strontium	88-1	3148502	3243762	3186202	3192822	1.50	cps
Sulfur	34-1	209980	208864	209279	209375	0.27	cps
Terbium	159-1	5380819	5458781	5531873	5457157	1.38	cps
Terbium	159-2	1734118	1822008	1683575	1746567	4.01	cps
Thallium	203-1	75	58	108	81	31.60	cps
Thallium	205-1	192	258	217	222	15.16	cps
Tin	118-1	3492	3209	3134	3278	5.77	cps
Titanium	47-1	533	642	608	594	9.33	cps
Uranium	238-1	12256	11939	12490	12229	2.26	cps
Vanadium	51-2	53	130	93	92	41.58	cps
Yttrium	89-1	4121524	4181947	4158693	4154055	0.73	cps
Yttrium	89-2	358600	378109	351620	362776	3.78	cps
Zinc	66-2	1403	1553	1507	1488	5.16	cps
Zirconium	90-1	383	375	333	364	7.36	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-19	Instrumnet Name :	P8
Client Sample ID :	S73-0223	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:13:42	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	183	92	119	46.45	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-20	Instrumnet Name :	P8
Client Sample ID :	S73-0230	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:17:18	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392	483	475	450	11.27	cps
Antimony	121-1	7194	6318	6802	6771	6.48	cps
Arsenic	75-2	3911	4064	4301	4092	4.80	cps
Barium	135-1	21268	21343	21618	21409	0.86	cps
Barium	137-1	35615	36192	36158	35988	0.90	cps
Beryllium	9-1	33	28	22	28	20.00	cps
Bismuth	209-1	3451915	3542150	3382274	3458780	2.32	cps
Bismuth	209-2	1250090	1256494	1276931	1261172	1.11	cps
Boron	10-1	2050	1600	1758	1803	12.66	cps
Boron	11-1	8786	8786	8669	8747	0.77	cps
Cadmium	111-1	811	806	787	802	1.59	cps
Cadmium	106-1	850	925	925	900	4.81	cps
Cadmium	108-1	13	29	21	21	40.01	cps
Calcium	43-1	568077	564496	573158	568577	0.77	cps
Calcium	44-1	9014627	8882574	9257492	9051565	2.10	cps
Chromium	52-2	750	713	750	738	2.87	cps
Cobalt	59-2	4968	5181	5064	5071	2.11	cps
Copper	63-2	2207	2440	2604	2417	8.25	cps
Dysprosium	156-1	125	175	217	172	26.65	cps
Dysprosium	156-2	67	77	50	64	20.91	cps
Erbium	164-1	258	242	158	219	24.41	cps
Erbium	164-2	83	53	80	72	22.77	cps
Gadolinium	160-1	225	200	167	197	14.84	cps
Gadolinium	160-2	70	60	90	73	20.83	cps
Holmium	165-1	5310412	5437149	5143644	5297068	2.78	cps
Holmium	165-2	1773493	1848476	1835369	1819113	2.20	cps
Indium	115-1	3967221	4167942	3972533	4035899	2.83	cps
Indium	115-2	460309	469995	482262	470855	2.34	cps
Iron	56-2	2597634	2679535	2781665	2686278	3.43	cps
Iron	57-2	62126	65548	67914	65196	4.46	cps
Lead	206-1	472	417	528	472	11.77	cps
Lead	207-1	383	361	350	365	4.65	cps
Lead	208-1	1906	1700	2022	1876	8.70	cps
Lithium	6-1	461458	463959	458248	461221	0.62	cps
Magnesium	24-2	762147	804607	823505	796753	3.94	cps
Manganese	55-2	966913	1011198	1046352	1008154	3.95	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-20	Instrumnet Name :	P8
Client Sample ID :	S73-0230	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:17:18	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2017	2025	1892	1978	3.78	cps
Molybdenum	95-1	2875	3034	3234	3048	5.89	cps
Molybdenum	96-1	3325	3084	3167	3192	3.85	cps
Molybdenum	97-1	1875	1942	1825	1881	3.11	cps
Molybdenum	98-1	4893	4743	4759	4798	1.71	cps
Neodymium	150-1	107	153	127	129	18.17	cps
Neodymium	150-2	37	60	40	46	27.70	cps
Nickel	60-2	1083	1013	1083	1060	3.81	cps
Phosphorus	31-2	208	192	183	194	6.55	cps
Potassium	39-2	188614	200333	204805	197917	4.22	cps
Rhodium	103-1	3572879	3716582	3528668	3606043	2.72	cps
Rhodium	103-2	1440312	1500497	1499159	1479989	2.32	cps
Scandium	45-1	1769740	1833507	1766218	1789822	2.12	cps
Scandium	45-2	64876	65488	67237	65867	1.86	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	10	13	11	11	13.48	cps
Selenium	82-1	12	98	29	46	99.01	cps
Silicon	28-1	12296244	12268335	12448041	12337540	0.78	cps
Silver	109-1	425	367	308	367	15.91	cps
Silver	107-1	367	425	400	397	7.37	cps
Sodium	23-2	2646596	2749571	2799041	2731736	2.85	cps
Strontium	86-1	474192	479708	488139	480680	1.46	cps
Strontium	88-1	4126807	4255361	4260577	4214248	1.80	cps
Sulfur	34-1	188456	186828	184344	186543	1.11	cps
Terbium	159-1	5504626	5622037	5393836	5506833	2.07	cps
Terbium	159-2	1832945	1812007	1852303	1832418	1.10	cps
Thallium	203-1	75	58	58	64	15.05	cps
Thallium	205-1	125	158	142	142	11.77	cps
Tin	118-1	2359	2475	2684	2506	6.57	cps
Titanium	47-1	583	667	725	658	10.82	cps
Uranium	238-1	12523	13082	12482	12696	2.64	cps
Vanadium	51-2	73	93	87	84	12.06	cps
Yttrium	89-1	4042964	4147625	4004164	4064918	1.83	cps
Yttrium	89-2	365880	371396	380974	372750	2.05	cps
Zinc	66-2	2090	2074	2164	2109	2.27	cps
Zirconium	90-1	425	442	358	408	10.80	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-20	Instrumnet Name :	P8
Client Sample ID :	S73-0230	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:17:18	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	33	83	58	58	42.86	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0227DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:20:55	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	150	125	119	28.19	cps
Antimony	121-1	1333	1208	1575	1372	13.58	cps
Arsenic	75-2	3578	3792	3950	3773	4.95	cps
Barium	135-1	2442	2417	2184	2348	6.07	cps
Barium	137-1	3784	4284	3984	4017	6.27	cps
Beryllium	9-1	33	50	17	33	50.00	cps
Bismuth	209-1	3274050	3370361	3497620	3380677	3.32	cps
Bismuth	209-2	1288801	1334613	1356872	1326762	2.62	cps
Boron	10-1	783	783	758	775	1.86	cps
Boron	11-1	4542	3917	4134	4198	7.56	cps
Cadmium	111-1	616	715	688	673	7.63	cps
Cadmium	106-1	858	1008	967	945	8.20	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	155202	157549	156850	156534	0.77	cps
Calcium	44-1	2521831	2620728	2586328	2576296	1.95	cps
Chromium	52-2	433	533	470	479	10.56	cps
Cobalt	59-2	253	227	170	217	19.64	cps
Copper	63-2	1090	1087	1180	1119	4.73	cps
Dysprosium	156-1	42	17	25	28	45.82	cps
Dysprosium	156-2	7	7	27	13	86.58	cps
Erbium	164-1	67	75	33	58	37.80	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	42	42	33	39	12.38	cps
Gadolinium	160-2	13	20	13	16	24.76	cps
Holmium	165-1	5050175	5201165	5421510	5224283	3.57	cps
Holmium	165-2	1860278	1986766	1958103	1935049	3.43	cps
Indium	115-1	3940339	4080157	4243497	4087998	3.71	cps
Indium	115-2	495546	516879	527976	513467	3.21	cps
Iron	56-2	2088717	2177961	2195617	2154098	2.66	cps
Iron	57-2	50363	52459	52694	51839	2.48	cps
Lead	206-1	222	233	300	252	16.70	cps
Lead	207-1	172	194	200	189	7.78	cps
Lead	208-1	867	833	883	861	2.96	cps
Lithium	6-1	480071	500266	511756	497364	3.23	cps
Magnesium	24-2	173504	180928	184212	179548	3.06	cps
Manganese	55-2	169312	175395	183730	176146	4.11	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0227DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:20:55	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383	483	350	406	17.11	cps
Molybdenum	95-1	633	492	525	550	13.47	cps
Molybdenum	96-1	633	642	475	583	16.10	cps
Molybdenum	97-1	358	342	292	331	10.50	cps
Molybdenum	98-1	725	775	650	717	8.78	cps
Neodymium	150-1	0	40	33	24	87.67	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	100	110	113	108	6.44	cps
Phosphorus	31-2	242	217	300	253	16.92	cps
Potassium	39-2	64004	67578	69748	67110	4.32	cps
Rhodium	103-1	3607176	3813648	3908141	3776322	4.08	cps
Rhodium	103-2	1576112	1663293	1652146	1630517	2.91	cps
Scandium	45-1	1950153	2087350	2101105	2046203	4.08	cps
Scandium	45-2	70150	73491	76346	73329	4.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	8	13	13	11	25.47	cps
Selenium	82-1	-29	1	-80	-36	-114.63	cps
Silicon	28-1	4557074	4526856	4432788	4505573	1.44	cps
Silver	109-1	125	67	117	103	30.69	cps
Silver	107-1	208	125	92	142	42.42	cps
Sodium	23-2	563452	584178	600948	582859	3.22	cps
Strontium	86-1	207598	207394	205051	206681	0.68	cps
Strontium	88-1	1835629	1822264	1834015	1830636	0.40	cps
Sulfur	34-1	152833	156498	153324	154218	1.29	cps
Terbium	159-1	5239558	5384788	5626249	5416865	3.61	cps
Terbium	159-2	1872781	1963279	1993270	1943110	3.23	cps
Thallium	203-1	42	17	33	31	41.66	cps
Thallium	205-1	117	100	50	89	39.03	cps
Tin	118-1	558	475	567	533	9.50	cps
Titanium	47-1	483	600	458	514	14.71	cps
Uranium	238-1	11180	10872	11055	11036	1.41	cps
Vanadium	51-2	47	67	37	50	30.55	cps
Yttrium	89-1	4107530	4208960	4362929	4226473	3.04	cps
Yttrium	89-2	393720	410511	416509	406913	2.90	cps
Zinc	66-2	313	270	327	303	9.77	cps
Zirconium	90-1	433	350	358	381	12.06	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0227DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:20:55	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	108	133	97	43.99	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-02DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0228DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:24:31	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	75	75	111	56.29	cps
Antimony	121-1	1575	1558	1767	1633	7.09	cps
Arsenic	75-2	105	123	132	120	11.46	cps
Barium	135-1	2534	2392	2417	2448	3.09	cps
Barium	137-1	4484	4284	4117	4295	4.28	cps
Beryllium	9-1	33	39	28	33	16.67	cps
Bismuth	209-1	3431870	3412359	3456448	3433559	0.64	cps
Bismuth	209-2	1271187	1248459	1362578	1294075	4.67	cps
Boron	10-1	917	858	683	819	14.82	cps
Boron	11-1	3792	3726	3751	3756	0.90	cps
Cadmium	111-1	731	705	797	744	6.32	cps
Cadmium	106-1	983	958	1067	1003	5.66	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	143450	140606	140590	141548	1.16	cps
Calcium	44-1	2353053	2295502	2287753	2312102	1.54	cps
Chromium	52-2	513	560	507	527	5.52	cps
Cobalt	59-2	517	550	557	541	3.96	cps
Copper	63-2	827	833	770	810	4.30	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	20	3	0	8	137.80	cps
Erbium	164-1	33	50	17	33	50.00	cps
Erbium	164-2	10	0	17	9	94.38	cps
Gadolinium	160-1	25	42	58	42	40.00	cps
Gadolinium	160-2	20	20	7	16	49.47	cps
Holmium	165-1	5367881	5382863	5461109	5403951	0.93	cps
Holmium	165-2	1815257	1813257	1991547	1873354	5.46	cps
Indium	115-1	4122634	4158923	4215134	4165564	1.12	cps
Indium	115-2	488763	483070	530965	500933	5.22	cps
Iron	56-2	125576	134473	136493	132181	4.39	cps
Iron	57-2	3334	3389	3539	3421	3.11	cps
Lead	206-1	206	244	256	235	11.16	cps
Lead	207-1	189	278	217	228	19.97	cps
Lead	208-1	756	956	1006	906	14.61	cps
Lithium	6-1	515967	513474	510936	513459	0.49	cps
Magnesium	24-2	219538	229230	232711	227159	3.01	cps
Manganese	55-2	207619	219020	221938	216192	3.50	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-02DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0228DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:24:31	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	383	350	408	381	7.69	cps
Molybdenum	95-1	400	375	383	386	3.30	cps
Molybdenum	96-1	608	600	492	567	11.49	cps
Molybdenum	97-1	292	258	300	283	7.78	cps
Molybdenum	98-1	750	600	683	678	11.09	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	240	277	337	284	17.15	cps
Phosphorus	31-2	250	225	192	222	13.17	cps
Potassium	39-2	47405	49127	51126	49220	3.78	cps
Rhodium	103-1	3851887	3891974	3884089	3875983	0.55	cps
Rhodium	103-2	1550171	1486748	1647736	1561552	5.19	cps
Scandium	45-1	2115585	2075961	2100465	2097337	0.95	cps
Scandium	45-2	69635	68831	76064	71510	5.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	8	6	11	8	30.20	cps
Selenium	82-1	-29	-52	-68	-50	-38.85	cps
Silicon	28-1	2732252	2808064	2817023	2785780	1.67	cps
Silver	109-1	92	58	100	83	26.45	cps
Silver	107-1	67	100	67	78	24.74	cps
Sodium	23-2	406327	427185	432468	421993	3.28	cps
Strontium	86-1	115131	115225	113384	114580	0.90	cps
Strontium	88-1	992155	991192	987823	990390	0.23	cps
Sulfur	34-1	162093	162684	162861	162546	0.25	cps
Terbium	159-1	5567595	5587614	5631812	5595674	0.59	cps
Terbium	159-2	1833163	1778206	2007015	1872794	6.38	cps
Thallium	203-1	17	58	58	44	54.12	cps
Thallium	205-1	58	117	83	86	33.98	cps
Tin	118-1	525	508	492	508	3.28	cps
Titanium	47-1	592	533	600	575	6.32	cps
Uranium	238-1	4659	4843	4834	4779	2.17	cps
Vanadium	51-2	33	40	33	36	10.83	cps
Yttrium	89-1	4277908	4331997	4373340	4327749	1.11	cps
Yttrium	89-2	386442	382715	422004	397053	5.46	cps
Zinc	66-2	627	663	627	639	3.31	cps
Zirconium	90-1	450	342	383	392	13.95	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-02DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0228DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:24:31	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	108	92	100	8.33	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0224DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:28:09	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	367	100	186	84.07	cps
Antimony	121-1	1608	1317	1350	1425	11.20	cps
Arsenic	75-2	2897	2975	3168	3013	4.63	cps
Barium	135-1	2550	2567	2667	2595	2.43	cps
Barium	137-1	4526	4326	4201	4351	3.77	cps
Beryllium	9-1	33	17	44	31	44.41	cps
Bismuth	209-1	3240092	3418912	3398298	3352434	2.92	cps
Bismuth	209-2	1279222	1332120	1299765	1303702	2.05	cps
Boron	10-1	492	758	775	675	23.55	cps
Boron	11-1	2859	3375	3209	3148	8.38	cps
Cadmium	111-1	658	770	701	709	7.96	cps
Cadmium	106-1	942	1092	1000	1011	7.48	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	92638	94223	92269	93043	1.12	cps
Calcium	44-1	1509939	1514049	1533115	1519034	0.81	cps
Chromium	52-2	503	480	540	508	5.96	cps
Cobalt	59-2	230	190	283	234	19.97	cps
Copper	63-2	907	917	960	928	3.06	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	17	8	42	22	78.07	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	17	25	17	19	24.73	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	5030868	5295465	5330774	5219036	3.14	cps
Holmium	165-2	1864990	1927922	1899435	1897449	1.66	cps
Indium	115-1	3896166	4196897	4240155	4111072	4.56	cps
Indium	115-2	492524	515953	509103	505860	2.38	cps
Iron	56-2	804520	840213	858873	834536	3.31	cps
Iron	57-2	19725	20087	21567	20460	4.77	cps
Lead	206-1	289	367	322	326	11.97	cps
Lead	207-1	350	256	300	302	15.65	cps
Lead	208-1	1433	1295	1417	1382	5.49	cps
Lithium	6-1	482324	515601	516433	504786	3.85	cps
Magnesium	24-2	105506	110862	110383	108917	2.72	cps
Manganese	55-2	213523	224313	229368	222402	3.64	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0224DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:28:09	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6118	5585	5735	5813	4.73	cps
Molybdenum	95-1	9495	10112	9570	9726	3.46	cps
Molybdenum	96-1	10137	10154	10154	10148	0.09	cps
Molybdenum	97-1	6568	6460	6152	6393	3.38	cps
Molybdenum	98-1	15426	15709	16344	15826	2.97	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	163	127	163	151	14.01	cps
Phosphorus	31-2	267	158	350	258	37.20	cps
Potassium	39-2	40718	42891	43894	42501	3.82	cps
Rhodium	103-1	3561843	3810035	3903291	3758390	4.70	cps
Rhodium	103-2	1525924	1601389	1582630	1569981	2.50	cps
Scandium	45-1	1955096	2085484	2106716	2049099	4.01	cps
Scandium	45-2	69782	74117	74811	72903	3.74	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	9	12	18	13	35.25	cps
Selenium	82-1	13	-21	-6	-4	-387.35	cps
Silicon	28-1	3481890	3480163	3508921	3490324	0.46	cps
Silver	109-1	108	42	50	67	54.49	cps
Silver	107-1	75	75	117	89	27.07	cps
Sodium	23-2	587483	617623	634679	613262	3.90	cps
Strontium	86-1	77376	75391	75793	76187	1.38	cps
Strontium	88-1	661359	649343	654841	655181	0.92	cps
Sulfur	34-1	154291	158117	154274	155561	1.42	cps
Terbium	159-1	5176277	5518942	5510605	5401942	3.62	cps
Terbium	159-2	1831910	1938349	1914039	1894766	2.94	cps
Thallium	203-1	8	8	42	19	99.00	cps
Thallium	205-1	83	50	58	64	27.15	cps
Tin	118-1	433	425	433	431	1.12	cps
Titanium	47-1	567	575	567	569	0.85	cps
Uranium	238-1	1308	1250	1267	1275	2.36	cps
Vanadium	51-2	60	57	60	59	3.26	cps
Yttrium	89-1	4017631	4294621	4321698	4211316	4.00	cps
Yttrium	89-2	389125	406501	403204	399610	2.31	cps
Zinc	66-2	290	330	370	330	12.12	cps
Zirconium	90-1	283	358	383	342	15.23	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0224DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:28:09	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	142	50	89	53.31	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0225DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:31:48	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	150	192	158	18.98	cps
Antimony	121-1	1333	1225	1317	1292	4.52	cps
Arsenic	75-2	2928	2925	3022	2958	1.87	cps
Barium	135-1	2375	2342	2625	2448	6.33	cps
Barium	137-1	4076	4126	4434	4212	4.61	cps
Beryllium	9-1	6	33	11	17	88.17	cps
Bismuth	209-1	3373959	3428842	3446225	3416342	1.10	cps
Bismuth	209-2	1289880	1333851	1363559	1329097	2.79	cps
Boron	10-1	525	650	550	575	11.50	cps
Boron	11-1	2884	2692	2734	2770	3.64	cps
Cadmium	111-1	738	706	708	717	2.47	cps
Cadmium	106-1	1042	1017	992	1017	2.46	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	91950	90650	91421	91340	0.72	cps
Calcium	44-1	1498709	1473091	1510464	1494088	1.28	cps
Chromium	52-2	530	543	513	529	2.84	cps
Cobalt	59-2	193	257	247	232	14.66	cps
Copper	63-2	843	950	1073	956	12.05	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	17	7	20	14	48.02	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	13	7	13	11	34.61	cps
Holmium	165-1	5284515	5310550	5257354	5284140	0.50	cps
Holmium	165-2	1859402	1955691	1986493	1933862	3.43	cps
Indium	115-1	4134062	4172126	4128883	4145024	0.57	cps
Indium	115-2	491476	515386	532632	513165	4.03	cps
Iron	56-2	780870	820339	839095	813435	3.65	cps
Iron	57-2	19314	20693	21122	20376	4.64	cps
Lead	206-1	294	344	367	335	11.04	cps
Lead	207-1	289	306	333	309	7.26	cps
Lead	208-1	1433	1367	1456	1419	3.26	cps
Lithium	6-1	514939	518133	515007	516026	0.35	cps
Magnesium	24-2	104296	108226	111300	107941	3.25	cps
Manganese	55-2	209693	220512	225137	218447	3.63	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0225DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:31:48	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5626	5426	5576	5543	1.88	cps
Molybdenum	95-1	9412	9779	9345	9512	2.46	cps
Molybdenum	96-1	10463	10738	10705	10635	1.41	cps
Molybdenum	97-1	5685	5976	6160	5940	4.03	cps
Molybdenum	98-1	15259	15284	15801	15448	1.98	cps
Neodymium	150-1	20	27	7	18	57.27	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	110	97	113	107	8.27	cps
Phosphorus	31-2	225	217	258	233	9.45	cps
Potassium	39-2	40434	42096	42857	41796	2.97	cps
Rhodium	103-1	3731742	3799214	3837222	3789392	1.41	cps
Rhodium	103-2	1536740	1630638	1671245	1612874	4.28	cps
Scandium	45-1	2137444	2095689	2088853	2107329	1.25	cps
Scandium	45-2	71155	76000	76433	74529	3.93	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	10	10	9	10	5.97	cps
Selenium	82-1	42	-8	1	12	221.84	cps
Silicon	28-1	3489848	3421473	3446665	3452662	1.00	cps
Silver	109-1	42	58	58	53	18.23	cps
Silver	107-1	108	58	100	89	30.14	cps
Sodium	23-2	572571	604847	614682	597367	3.69	cps
Strontium	86-1	72324	73983	73355	73221	1.14	cps
Strontium	88-1	633745	642505	637509	637920	0.69	cps
Sulfur	34-1	156162	156912	158798	157291	0.86	cps
Terbium	159-1	5466165	5529879	5521664	5505903	0.63	cps
Terbium	159-2	1863669	1912793	1962316	1912926	2.58	cps
Thallium	203-1	42	25	8	25	66.68	cps
Thallium	205-1	42	42	75	53	36.46	cps
Tin	118-1	442	267	300	336	27.65	cps
Titanium	47-1	592	550	658	600	9.11	cps
Uranium	238-1	1192	1183	1400	1258	9.76	cps
Vanadium	51-2	60	67	90	72	21.81	cps
Yttrium	89-1	4246832	4289279	4325376	4287163	0.92	cps
Yttrium	89-2	393230	412554	423435	409739	3.73	cps
Zinc	66-2	317	267	383	322	18.17	cps
Zirconium	90-1	342	417	417	392	11.06	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0225DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:31:48	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	83	58	78	22.31	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S81-0102DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:35:26	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	767	642	683	697	9.13	cps
Antimony	121-1	1350	1200	1350	1300	6.66	cps
Arsenic	75-2	459	446	483	463	4.06	cps
Barium	135-1	6702	6710	7260	6891	4.65	cps
Barium	137-1	11972	11222	11998	11731	3.76	cps
Beryllium	9-1	17	39	39	31	40.75	cps
Bismuth	209-1	3368324	3395417	3426694	3396812	0.86	cps
Bismuth	209-2	1296583	1337310	1364603	1332832	2.57	cps
Boron	10-1	525	492	458	492	6.78	cps
Boron	11-1	2342	2642	2500	2495	6.02	cps
Cadmium	111-1	583	704	671	653	9.62	cps
Cadmium	106-1	817	992	933	914	9.75	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	53276	54113	53862	53750	0.80	cps
Calcium	44-1	880562	895119	890245	888642	0.83	cps
Chromium	52-2	650	740	720	703	6.72	cps
Cobalt	59-2	177	160	153	163	7.36	cps
Copper	63-2	1097	1153	1193	1148	4.23	cps
Dysprosium	156-1	33	125	67	75	61.87	cps
Dysprosium	156-2	20	23	13	19	26.96	cps
Erbium	164-1	100	33	67	67	50.00	cps
Erbium	164-2	17	33	27	26	32.81	cps
Gadolinium	160-1	92	117	50	86	39.11	cps
Gadolinium	160-2	30	37	47	38	22.21	cps
Holmium	165-1	5179074	5312730	5343420	5278408	1.66	cps
Holmium	165-2	1866427	1945922	2004402	1938917	3.57	cps
Indium	115-1	4024758	4083024	4097108	4068297	0.94	cps
Indium	115-2	500357	517723	536371	518150	3.48	cps
Iron	56-2	155898	162606	165045	161183	2.94	cps
Iron	57-2	3851	3940	4117	3969	3.42	cps
Lead	206-1	656	739	683	693	6.13	cps
Lead	207-1	394	594	556	515	20.60	cps
Lead	208-1	2317	2639	2445	2467	6.58	cps
Lithium	6-1	497708	505510	511036	504751	1.33	cps
Magnesium	24-2	125659	129508	132763	129310	2.75	cps
Manganese	55-2	8413	8956	9130	8833	4.24	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S81-0102DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:35:26	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	325	417	292	344	18.79	cps
Molybdenum	95-1	250	275	267	264	4.82	cps
Molybdenum	96-1	242	317	275	278	13.53	cps
Molybdenum	97-1	208	208	217	211	2.28	cps
Molybdenum	98-1	350	358	358	356	1.35	cps
Neodymium	150-1	73	87	80	80	8.34	cps
Neodymium	150-2	33	43	17	31	43.29	cps
Nickel	60-2	297	320	247	288	13.02	cps
Phosphorus	31-2	217	217	192	208	6.93	cps
Potassium	39-2	71380	77186	79029	75865	5.26	cps
Rhodium	103-1	3734843	3836677	3867345	3812955	1.82	cps
Rhodium	103-2	1538891	1609898	1674310	1607699	4.21	cps
Scandium	45-1	2028205	2069347	2099811	2065788	1.74	cps
Scandium	45-2	72174	75548	78370	75364	4.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	11	8	11	30.99	cps
Selenium	82-1	-36	-15	0	-17	-103.66	cps
Silicon	28-1	2580496	2622136	2593614	2598749	0.82	cps
Silver	109-1	75	50	75	67	21.65	cps
Silver	107-1	67	25	67	53	45.58	cps
Sodium	23-2	1586679	1638496	1691792	1638989	3.21	cps
Strontium	86-1	42015	43102	42709	42608	1.29	cps
Strontium	88-1	368038	371968	373721	371242	0.78	cps
Sulfur	34-1	164673	167337	164791	165600	0.91	cps
Terbium	159-1	5354543	5473947	5495232	5441240	1.39	cps
Terbium	159-2	1863129	1951949	2023356	1946145	4.12	cps
Thallium	203-1	50	42	17	36	48.03	cps
Thallium	205-1	58	83	67	69	18.33	cps
Tin	118-1	6710	6418	6752	6627	2.74	cps
Titanium	47-1	1108	1267	1133	1170	7.28	cps
Uranium	238-1	1967	1892	1875	1911	2.56	cps
Vanadium	51-2	107	117	140	121	14.12	cps
Yttrium	89-1	4221755	4211551	4305384	4246230	1.21	cps
Yttrium	89-2	397387	413835	428306	413176	3.74	cps
Zinc	66-2	7962	8243	8403	8202	2.72	cps
Zirconium	90-1	617	583	600	600	2.78	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S81-0102DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:35:26	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	125	150	119	28.20	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:39:04	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	83	125	81	56.98	cps
Antimony	121-1	1342	1258	1258	1286	3.74	cps
Arsenic	75-2	633	603	695	644	7.29	cps
Barium	135-1	5476	5076	6102	5551	9.31	cps
Barium	137-1	10037	9537	9979	9851	2.78	cps
Beryllium	9-1	11	11	17	13	24.76	cps
Bismuth	209-1	3425501	3380861	3145653	3317338	4.53	cps
Bismuth	209-2	1323699	1321672	1370737	1338702	2.07	cps
Boron	10-1	400	442	433	425	5.19	cps
Boron	11-1	2584	2667	2534	2595	2.60	cps
Cadmium	111-1	685	652	637	658	3.73	cps
Cadmium	106-1	967	942	908	939	3.12	cps
Cadmium	108-1	0	17	4	7	124.88	cps
Calcium	43-1	153554	153513	155048	154038	0.57	cps
Calcium	44-1	2489727	2500050	2470258	2486678	0.61	cps
Chromium	52-2	543	540	540	541	0.36	cps
Cobalt	59-2	283	423	340	349	20.18	cps
Copper	63-2	687	750	760	732	5.43	cps
Dysprosium	156-1	8	58	50	39	68.89	cps
Dysprosium	156-2	3	20	13	12	68.66	cps
Erbium	164-1	100	42	50	64	49.38	cps
Erbium	164-2	40	10	13	21	77.90	cps
Gadolinium	160-1	75	92	83	83	10.00	cps
Gadolinium	160-2	27	13	20	20	33.35	cps
Holmium	165-1	5260001	5271817	4893423	5141747	4.18	cps
Holmium	165-2	1918172	1908142	2006073	1944129	2.77	cps
Indium	115-1	4113221	4086905	3864493	4021540	3.40	cps
Indium	115-2	502855	517690	536088	518878	3.21	cps
Iron	56-2	547332	569504	593376	570071	4.04	cps
Iron	57-2	13840	14463	13879	14061	2.48	cps
Lead	206-1	167	161	167	165	1.94	cps
Lead	207-1	156	133	133	141	9.11	cps
Lead	208-1	639	644	594	626	4.38	cps
Lithium	6-1	502481	498142	464181	488268	4.30	cps
Magnesium	24-2	205126	211897	219484	212169	3.39	cps
Manganese	55-2	375287	391870	401796	389651	3.44	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:39:04	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	683	583	675	647	8.57	cps
Molybdenum	95-1	858	675	808	781	12.14	cps
Molybdenum	96-1	992	900	692	861	17.85	cps
Molybdenum	97-1	667	367	592	542	28.82	cps
Molybdenum	98-1	1117	1042	1167	1108	5.68	cps
Neodymium	150-1	47	53	40	47	14.28	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	133	113	107	118	11.78	cps
Phosphorus	31-2	275	317	267	286	9.36	cps
Potassium	39-2	55326	58404	59158	57629	3.52	cps
Rhodium	103-1	3810151	3819108	3455506	3694922	5.61	cps
Rhodium	103-2	1579312	1605212	1663700	1616074	2.67	cps
Scandium	45-1	2076476	2095773	1909986	2027411	5.04	cps
Scandium	45-2	73132	74643	77351	75042	2.85	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	15	8	8	10	39.11	cps
Selenium	82-1	-5	-71	2	-25	-161.64	cps
Silicon	28-1	4352880	4396328	4353708	4367639	0.57	cps
Silver	109-1	33	25	67	42	52.92	cps
Silver	107-1	83	92	83	86	5.58	cps
Sodium	23-2	496201	522361	530358	516307	3.46	cps
Strontium	86-1	129476	129911	132520	130636	1.26	cps
Strontium	88-1	1136489	1144371	1155414	1145425	0.83	cps
Sulfur	34-1	154097	155884	153903	154628	0.71	cps
Terbium	159-1	5442783	5458955	5072680	5324806	4.10	cps
Terbium	159-2	1900030	1918290	1978595	1932305	2.13	cps
Thallium	203-1	17	33	8	19	65.47	cps
Thallium	205-1	67	58	75	67	12.49	cps
Tin	118-1	458	375	325	386	17.45	cps
Titanium	47-1	508	483	592	528	10.75	cps
Uranium	238-1	3592	3459	3284	3445	4.49	cps
Vanadium	51-2	30	37	50	39	26.18	cps
Yttrium	89-1	4183370	4301594	3928739	4137901	4.60	cps
Yttrium	89-2	401626	412488	425132	413082	2.85	cps
Zinc	66-2	383	280	313	326	16.20	cps
Zirconium	90-1	375	350	325	350	7.14	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:39:04	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	67	83	75	11.11	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:42:41	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	83	67	67	25.00	cps
Antimony	121-1	1392	1417	1567	1458	6.49	cps
Arsenic	75-2	600	640	669	636	5.44	cps
Barium	135-1	5651	5476	5451	5526	1.97	cps
Barium	137-1	9470	9479	10488	9812	5.96	cps
Beryllium	9-1	11	28	17	19	45.83	cps
Bismuth	209-1	3387964	3373573	3427943	3396493	0.83	cps
Bismuth	209-2	1287394	1336163	1368282	1330613	3.06	cps
Boron	10-1	467	533	475	492	7.39	cps
Boron	11-1	2209	2284	2475	2322	5.92	cps
Cadmium	111-1	784	633	600	672	14.61	cps
Cadmium	106-1	1108	908	833	950	14.96	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	150254	153337	150734	151442	1.10	cps
Calcium	44-1	2426046	2443537	2485258	2451614	1.24	cps
Chromium	52-2	567	580	590	579	2.02	cps
Cobalt	59-2	313	363	393	357	11.33	cps
Copper	63-2	593	667	710	657	8.98	cps
Dysprosium	156-1	25	8	42	25	66.68	cps
Dysprosium	156-2	10	20	23	18	39.03	cps
Erbium	164-1	58	108	108	92	31.50	cps
Erbium	164-2	33	33	17	28	34.63	cps
Gadolinium	160-1	50	50	58	53	9.11	cps
Gadolinium	160-2	27	30	20	26	19.92	cps
Holmium	165-1	5248843	5344146	5282145	5291711	0.91	cps
Holmium	165-2	1889040	1939594	1996063	1941565	2.76	cps
Indium	115-1	4180337	4078722	4097202	4118754	1.31	cps
Indium	115-2	502908	522647	535462	520339	3.15	cps
Iron	56-2	539221	569559	587940	565573	4.35	cps
Iron	57-2	13112	14180	14029	13774	4.20	cps
Lead	206-1	200	72	233	169	50.47	cps
Lead	207-1	133	100	183	139	30.20	cps
Lead	208-1	611	544	706	620	13.05	cps
Lithium	6-1	491577	490759	488334	490223	0.34	cps
Magnesium	24-2	200826	210637	217531	209665	4.00	cps
Manganese	55-2	369100	393082	400587	387589	4.24	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:42:41	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	442	567	550	519	13.07	cps
Molybdenum	95-1	833	875	750	819	7.77	cps
Molybdenum	96-1	900	775	867	847	7.64	cps
Molybdenum	97-1	483	425	433	447	7.05	cps
Molybdenum	98-1	1192	1175	1125	1164	2.98	cps
Neodymium	150-1	27	33	53	38	36.73	cps
Neodymium	150-2	10	13	23	16	44.60	cps
Nickel	60-2	143	133	117	131	10.28	cps
Phosphorus	31-2	167	175	242	194	21.14	cps
Potassium	39-2	54539	57400	58789	56910	3.81	cps
Rhodium	103-1	3811223	3777900	3751868	3780330	0.79	cps
Rhodium	103-2	1553974	1608932	1680135	1614347	3.92	cps
Scandium	45-1	2070336	2036503	2080889	2062576	1.12	cps
Scandium	45-2	71470	75558	76902	74643	3.79	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	11	9	9	22.22	cps
Selenium	82-1	-78	28	-24	-25	-215.29	cps
Silicon	28-1	4278284	4295621	4225377	4266427	0.86	cps
Silver	109-1	33	67	42	47	36.74	cps
Silver	107-1	8	58	75	47	73.48	cps
Sodium	23-2	490588	514880	529647	511705	3.85	cps
Strontium	86-1	127078	127093	126161	126777	0.42	cps
Strontium	88-1	1134483	1123726	1141579	1133263	0.79	cps
Sulfur	34-1	154905	154393	154755	154685	0.17	cps
Terbium	159-1	5445608	5549552	5444222	5479794	1.10	cps
Terbium	159-2	1908612	1950085	1986253	1948317	1.99	cps
Thallium	203-1	67	17	33	39	65.47	cps
Thallium	205-1	83	67	33	61	41.67	cps
Tin	118-1	458	342	442	414	15.25	cps
Titanium	47-1	625	617	592	611	2.84	cps
Uranium	238-1	3492	3201	3409	3367	4.46	cps
Vanadium	51-2	60	43	50	51	16.42	cps
Yttrium	89-1	4221147	4274133	4255517	4250266	0.63	cps
Yttrium	89-2	398442	414979	426789	413403	3.44	cps
Zinc	66-2	233	323	397	318	25.74	cps
Zirconium	90-1	358	325	442	375	16.02	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 18:42:41	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	83	75	89	19.52	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09LDLX25	Instrumnet Name :	P8
Client Sample ID :	S73-0229LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-25 18:46:19	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	75	25	58	49.49	cps
Antimony	121-1	142	108	117	122	14.19	cps
Arsenic	75-2	119	155	135	136	13.23	cps
Barium	135-1	1217	1175	1217	1203	2.00	cps
Barium	137-1	1992	2050	1767	1936	7.73	cps
Beryllium	9-1	28	11	28	22	43.31	cps
Bismuth	209-1	3312431	3173664	3214597	3233564	2.21	cps
Bismuth	209-2	1284871	1329039	1348943	1320951	2.48	cps
Boron	10-1	292	300	433	342	23.27	cps
Boron	11-1	1575	1642	1633	1617	2.25	cps
Cadmium	111-1	621	931	758	770	20.13	cps
Cadmium	106-1	892	1334	1083	1103	20.09	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	33165	31813	32380	32452	2.09	cps
Calcium	44-1	550048	531931	532123	538034	1.93	cps
Chromium	52-2	373	500	547	473	18.95	cps
Cobalt	59-2	97	167	70	111	44.93	cps
Copper	63-2	447	430	400	426	5.56	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	17	58	50	42	52.91	cps
Gadolinium	160-2	7	20	10	12	56.76	cps
Holmium	165-1	5269741	5191876	5124424	5195347	1.40	cps
Holmium	165-2	1892266	1983674	1984331	1953424	2.71	cps
Indium	115-1	4146015	4192378	4003499	4113964	2.39	cps
Indium	115-2	516284	534767	547725	532925	2.97	cps
Iron	56-2	114078	120179	121221	118492	3.26	cps
Iron	57-2	2800	2656	2889	2782	4.23	cps
Lead	206-1	178	144	78	133	38.19	cps
Lead	207-1	78	83	106	89	16.54	cps
Lead	208-1	606	456	439	500	18.36	cps
Lithium	6-1	536844	532596	510176	526539	2.72	cps
Magnesium	24-2	43634	45064	45732	44810	2.39	cps
Manganese	55-2	78331	82471	83099	81300	3.19	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09LDLX25	Instrumnet Name :	P8
Client Sample ID :	S73-0229LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-25 18:46:19	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	225	325	142	231	39.81	cps
Molybdenum	95-1	183	192	200	192	4.35	cps
Molybdenum	96-1	200	200	142	181	18.65	cps
Molybdenum	97-1	167	200	117	161	26.03	cps
Molybdenum	98-1	275	325	217	272	19.92	cps
Neodymium	150-1	13	27	7	16	65.47	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	60	40	43	48	22.43	cps
Phosphorus	31-2	300	292	183	258	25.19	cps
Potassium	39-2	18930	19681	20090	19567	3.01	cps
Rhodium	103-1	3946974	4267174	3786297	4000148	6.12	cps
Rhodium	103-2	1572783	1643750	1650383	1622306	2.65	cps
Scandium	45-1	2193247	2158496	2118815	2156853	1.73	cps
Scandium	45-2	74114	78779	79711	77534	3.87	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	6	9	8	8	19.92	cps
Selenium	82-1	-21	78	18	25	200.05	cps
Silicon	28-1	1835988	1840186	1815413	1830529	0.72	cps
Silver	109-1	67	67	67	67	0.00	cps
Silver	107-1	25	50	42	39	32.73	cps
Sodium	23-2	107772	110551	113239	110521	2.47	cps
Strontium	86-1	26643	31541	26042	28075	10.74	cps
Strontium	88-1	235934	265853	226646	242811	8.44	cps
Sulfur	34-1	161949	164291	181281	169174	6.24	cps
Terbium	159-1	5419263	5550765	5242938	5404322	2.86	cps
Terbium	159-2	1913171	1925746	1988653	1942523	2.08	cps
Thallium	203-1	33	33	17	28	34.63	cps
Thallium	205-1	8	42	50	33	66.15	cps
Tin	118-1	258	242	150	217	26.92	cps
Titanium	47-1	492	475	500	489	2.60	cps
Uranium	238-1	725	867	667	753	13.66	cps
Vanadium	51-2	23	23	17	21	18.21	cps
Yttrium	89-1	4374492	4961723	4200707	4512307	8.84	cps
Yttrium	89-2	411705	429419	439652	426926	3.31	cps
Zinc	66-2	93	130	73	99	29.06	cps
Zirconium	90-1	317	492	375	394	22.59	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09LDLX25	Instrumnet Name :	P8
Client Sample ID :	S73-0229LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-25 18:46:19	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	125	100	103	20.40	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:56:52	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	986437	1019718	1049462	1018539	3.10	cps
Antimony	121-1	2391475	2435289	2400392	2409052	0.96	cps
Arsenic	75-2	71011	74034	75777	73607	3.28	cps
Barium	135-1	2478413	2447957	2443596	2456655	0.77	cps
Barium	137-1	4262652	4249450	4268313	4260138	0.23	cps
Beryllium	9-1	309921	311634	311329	310961	0.29	cps
Bismuth	209-1	3010208	3090183	3008409	3036267	1.54	cps
Bismuth	209-2	1241158	1293318	1319294	1284590	3.10	cps
Boron	10-1	27235	28454	28178	27955	2.29	cps
Boron	11-1	134197	140667	144597	139820	3.76	cps
Cadmium	111-1	553332	547986	547699	549673	0.58	cps
Cadmium	106-1	57824	58016	55715	57185	2.23	cps
Cadmium	108-1	39796	39198	38538	39178	1.61	cps
Calcium	43-1	2581688	2560121	2610306	2584038	0.97	cps
Calcium	44-1	41439311	41449108	42535171	41807863	1.51	cps
Chromium	52-2	551524	569904	586009	569146	3.03	cps
Cobalt	59-2	916803	943986	968825	943205	2.76	cps
Copper	63-2	1363259	1402674	1429501	1398478	2.38	cps
Dysprosium	156-1	33	33	75	47	50.95	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	25	100	50	58	65.47	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	4902263	5123421	4960321	4995335	2.30	cps
Holmium	165-2	1895622	2010419	2016694	1974245	3.45	cps
Indium	115-1	3889063	3913297	3856613	3886324	0.73	cps
Indium	115-2	509311	531829	552711	531284	4.09	cps
Iron	56-2	98663694	102069661	103576561	101436638	2.48	cps
Iron	57-2	2493134	2589438	2603716	2562096	2.35	cps
Lead	206-1	1463893	1450607	1467775	1460758	0.62	cps
Lead	207-1	1301002	1288500	1288423	1292642	0.56	cps
Lead	208-1	6021302	5936161	6015540	5991001	0.79	cps
Lithium	6-1	566603	579138	571307	572349	1.11	cps
Magnesium	24-2	14610160	15086331	15268559	14988350	2.27	cps
Manganese	55-2	466278	481734	494417	480810	2.93	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:56:52	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4247542	4242409	4213705	4234552	0.43	cps
Molybdenum	95-1	5296203	5257532	5288003	5280579	0.39	cps
Molybdenum	96-1	5883813	5836549	5707567	5809310	1.57	cps
Molybdenum	97-1	3235573	3262183	3211041	3236266	0.79	cps
Molybdenum	98-1	8163928	8245640	8171887	8193818	0.55	cps
Neodymium	150-1	160	120	107	129	21.54	cps
Neodymium	150-2	17	13	13	14	13.35	cps
Nickel	60-2	251359	257779	262173	257104	2.12	cps
Phosphorus	31-2	14107	15284	15284	14891	4.56	cps
Potassium	39-2	6264825	6495611	6661104	6473847	3.07	cps
Rhodium	103-1	3479822	3629743	3530483	3546683	2.15	cps
Rhodium	103-2	1535703	1597457	1624781	1585980	2.88	cps
Scandium	45-1	2200821	2344784	2284038	2276548	3.17	cps
Scandium	45-2	79540	82356	86058	82651	3.96	cps
Selenium	77-2	893	850	970	904	6.72	cps
Selenium	78-2	3006	3155	3178	3113	3.00	cps
Selenium	82-1	33221	33724	33448	33464	0.75	cps
Silicon	28-1	1949250	1951151	1988919	1963107	1.14	cps
Silver	109-1	2449809	2425314	2471187	2448770	0.94	cps
Silver	107-1	2573786	2512876	2520829	2535830	1.31	cps
Sodium	23-2	32240833	33397973	34082481	33240429	2.80	cps
Strontium	86-1	648536	648108	651661	649435	0.30	cps
Strontium	88-1	5596561	5600090	5673566	5623406	0.77	cps
Sulfur	34-1	310846	312037	311929	311604	0.21	cps
Terbium	159-1	5169812	5275021	5101348	5182060	1.69	cps
Terbium	159-2	1912212	1973589	2046138	1977313	3.39	cps
Thallium	203-1	1808542	1817321	1852041	1825968	1.26	cps
Thallium	205-1	4308304	4270570	4360460	4313111	1.05	cps
Tin	118-1	1691242	1670986	1672171	1678133	0.68	cps
Titanium	47-1	1251937	1271020	1286623	1269860	1.37	cps
Uranium	238-1	5497097	5551003	5513142	5520414	0.50	cps
Vanadium	51-2	436935	450196	467511	451547	3.40	cps
Yttrium	89-1	4124834	4272278	4149960	4182358	1.89	cps
Yttrium	89-2	423438	440524	456685	440216	3.78	cps
Zinc	66-2	181395	188995	192762	187717	3.08	cps
Zirconium	90-1	3497929	3509532	3454163	3487208	0.84	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 18:56:52	DataFile Name :	077CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	782628	784026	772076	779577	0.84	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P8
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 19:01:42 DataFile Name : 078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	67	33	86.59	cps
Antimony	121-1	283	283	225	264	12.76	cps
Arsenic	75-2	4	3	6	4	35.25	cps
Barium	135-1	42	17	33	31	41.66	cps
Barium	137-1	67	50	25	47	44.41	cps
Beryllium	9-1	67	39	67	57	27.94	cps
Bismuth	209-1	3072121	3190588	3194864	3152525	2.21	cps
Bismuth	209-2	1044727	1235316	1274822	1184955	10.38	cps
Boron	10-1	1300	1292	1233	1275	2.85	cps
Boron	11-1	6410	6435	6427	6424	0.20	cps
Cadmium	111-1	713	621	764	699	10.39	cps
Cadmium	106-1	1017	875	1100	997	11.41	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	408	450	300	386	20.05	cps
Calcium	44-1	8078	9162	8711	8650	6.30	cps
Chromium	52-2	350	437	393	393	11.02	cps
Cobalt	59-2	103	77	57	79	29.67	cps
Copper	63-2	443	490	477	470	5.11	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	33	42	8	28	62.46	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	4956325	5094513	4947208	4999349	1.65	cps
Holmium	165-2	1501106	1804871	1875210	1727062	11.51	cps
Indium	115-1	4010883	4047811	4020609	4026435	0.48	cps
Indium	115-2	415879	502367	522784	480343	11.82	cps
Iron	56-2	2189	1995	1639	1941	14.37	cps
Iron	57-2	83	61	67	70	16.44	cps
Lead	206-1	472	511	328	437	22.10	cps
Lead	207-1	367	317	339	341	7.35	cps
Lead	208-1	1606	1745	1517	1622	7.08	cps
Lithium	6-1	575253	593953	586872	585360	1.61	cps
Magnesium	24-2	233	175	142	183	25.31	cps
Manganese	55-2	40	27	90	52	63.93	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:01:42	DataFile Name :	078CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	150	200	158	169	15.81	cps
Molybdenum	95-1	67	67	125	86	39.11	cps
Molybdenum	96-1	125	142	108	125	13.33	cps
Molybdenum	97-1	100	83	133	106	24.12	cps
Molybdenum	98-1	117	183	125	142	25.64	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	13	37	26	45.82	cps
Phosphorus	31-2	133	167	175	158	13.92	cps
Potassium	39-2	9212	9704	9704	9540	2.98	cps
Rhodium	103-1	3749822	3822441	3788309	3786857	0.96	cps
Rhodium	103-2	1243464	1515345	1561820	1440210	11.94	cps
Scandium	45-1	2302319	2324652	2384896	2337289	1.83	cps
Scandium	45-2	60597	73702	77140	70479	12.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	9	15	12	26.19	cps
Selenium	82-1	-32	-29	-33	-31	-7.92	cps
Silicon	28-1	1198944	1208551	1208481	1205325	0.46	cps
Silver	109-1	183	267	217	222	18.88	cps
Silver	107-1	267	300	208	258	17.96	cps
Sodium	23-2	6727	6477	6718	6641	2.14	cps
Strontium	86-1	400	542	483	475	14.99	cps
Strontium	88-1	92	83	100	92	9.09	cps
Sulfur	34-1	170746	171267	170725	170913	0.18	cps
Terbium	159-1	5176953	5314348	5258364	5249889	1.32	cps
Terbium	159-2	1501622	1764447	1879630	1715233	11.30	cps
Thallium	203-1	100	50	58	69	38.57	cps
Thallium	205-1	200	275	217	231	17.08	cps
Tin	118-1	192	258	208	219	15.81	cps
Titanium	47-1	517	650	642	603	12.39	cps
Uranium	238-1	100	58	58	72	33.30	cps
Vanadium	51-2	10	10	17	12	31.50	cps
Yttrium	89-1	4238692	4351238	4318707	4302879	1.35	cps
Yttrium	89-2	330412	399853	415623	381963	11.87	cps
Zinc	66-2	60	70	67	66	7.77	cps
Zirconium	90-1	317	325	367	336	7.97	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:01:42	DataFile Name :	078CCBE.d

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

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-10DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:05:20	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33983	35703	36130	35272	3.22	cps
Antimony	121-1	477365	489481	490368	485738	1.50	cps
Arsenic	75-2	13827	14509	14921	14419	3.83	cps
Barium	135-1	497355	512560	507878	505931	1.54	cps
Barium	137-1	870130	888591	895329	884684	1.47	cps
Beryllium	9-1	58106	58217	57866	58063	0.31	cps
Bismuth	209-1	3183301	3322031	3276528	3260620	2.17	cps
Bismuth	209-2	1219252	1261662	1256291	1245735	1.85	cps
Boron	10-1	5876	5843	5968	5896	1.10	cps
Boron	11-1	27786	30182	30825	29598	5.41	cps
Cadmium	111-1	110426	114586	111818	112277	1.89	cps
Cadmium	106-1	12256	12715	12164	12378	2.38	cps
Cadmium	108-1	7961	7786	7852	7866	1.12	cps
Calcium	43-1	253833	259170	256093	256365	1.04	cps
Calcium	44-1	4137973	4302876	4141446	4194098	2.25	cps
Chromium	52-2	103972	109087	110400	107820	3.15	cps
Cobalt	59-2	176201	183145	186946	182097	2.99	cps
Copper	63-2	272442	287142	292163	283916	3.61	cps
Dysprosium	156-1	25	50	8	28	75.51	cps
Dysprosium	156-2	13	23	17	18	28.64	cps
Erbium	164-1	100	108	50	86	36.64	cps
Erbium	164-2	27	20	27	24	15.75	cps
Gadolinium	160-1	75	33	33	47	50.95	cps
Gadolinium	160-2	20	23	13	19	26.96	cps
Holmium	165-1	4967068	5136067	5098631	5067255	1.75	cps
Holmium	165-2	1777549	1869529	1820079	1822386	2.53	cps
Indium	115-1	3863237	4018748	3951952	3944645	1.98	cps
Indium	115-2	476604	497952	494012	489523	2.32	cps
Iron	56-2	4354832	4573149	4709376	4545786	3.93	cps
Iron	57-2	106368	113552	116465	112128	4.63	cps
Lead	206-1	303261	311903	311581	308915	1.59	cps
Lead	207-1	259047	266622	268238	264636	1.85	cps
Lead	208-1	1195995	1229015	1229798	1218269	1.58	cps
Lithium	6-1	521870	538728	534725	531774	1.66	cps
Magnesium	24-2	759491	792866	799412	783923	2.73	cps
Manganese	55-2	444994	467161	479986	464047	3.81	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-10DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:05:20	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	878681	890124	886030	884945	0.66	cps
Molybdenum	95-1	1085488	1107266	1102447	1098400	1.04	cps
Molybdenum	96-1	1183727	1228253	1213140	1208374	1.87	cps
Molybdenum	97-1	677375	694475	686764	686205	1.25	cps
Molybdenum	98-1	1740206	1780083	1761713	1760667	1.13	cps
Neodymium	150-1	93	73	53	73	27.28	cps
Neodymium	150-2	7	13	13	11	34.61	cps
Nickel	60-2	47802	51174	52555	50510	4.84	cps
Phosphorus	31-2	308	225	242	258	17.07	cps
Potassium	39-2	286547	304642	308386	299858	3.89	cps
Rhodium	103-1	3580088	3721696	3674977	3658920	1.97	cps
Rhodium	103-2	1462663	1526191	1500610	1496488	2.14	cps
Scandium	45-1	2117618	2154569	2126779	2132989	0.90	cps
Scandium	45-2	70284	72328	73260	71957	2.11	cps
Selenium	77-2	180	187	237	201	15.40	cps
Selenium	78-2	632	589	632	618	4.02	cps
Selenium	82-1	6500	6847	6516	6621	2.96	cps
Silicon	28-1	4604241	4730079	4766642	4700320	1.81	cps
Silver	109-1	479097	493188	492561	488282	1.63	cps
Silver	107-1	505460	518451	513661	512524	1.28	cps
Sodium	23-2	1806576	1889518	1913599	1869898	3.00	cps
Strontium	86-1	248507	256519	256332	253786	1.80	cps
Strontium	88-1	2253024	2275618	2280929	2269857	0.65	cps
Sulfur	34-1	158681	161082	156188	158650	1.54	cps
Terbium	159-1	5148320	5252870	5325095	5242095	1.70	cps
Terbium	159-2	1743775	1838561	1848589	1810308	3.19	cps
Thallium	203-1	363768	383603	379270	375547	2.78	cps
Thallium	205-1	884023	909271	905689	899661	1.52	cps
Tin	118-1	334055	335938	337754	335916	0.55	cps
Titanium	47-1	234431	245070	239373	239625	2.22	cps
Uranium	238-1	1100196	1132154	1130347	1120899	1.60	cps
Vanadium	51-2	81300	85606	87142	84683	3.58	cps
Yttrium	89-1	4076167	4212606	4203810	4164194	1.83	cps
Yttrium	89-2	381761	399381	395974	392372	2.38	cps
Zinc	66-2	34957	37253	38116	36775	4.44	cps
Zirconium	90-1	683962	706009	703030	697667	1.71	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-10DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:05:20	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	152933	157163	156572	155556	1.47	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-11DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:08:57	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35854	36723	36998	36525	1.64	cps
Antimony	121-1	491508	496158	494170	493945	0.47	cps
Arsenic	75-2	14645	14915	15736	15098	3.76	cps
Barium	135-1	505196	514552	514335	511361	1.04	cps
Barium	137-1	880079	900305	896991	892458	1.22	cps
Beryllium	9-1	55936	56382	57659	56659	1.58	cps
Bismuth	209-1	3583542	3061200	3306558	3317100	7.88	cps
Bismuth	209-2	1272187	1320926	1358569	1317227	3.29	cps
Boron	10-1	5568	6377	6185	6043	6.99	cps
Boron	11-1	27861	29506	30115	29161	4.00	cps
Cadmium	111-1	112436	114010	113160	113202	0.70	cps
Cadmium	106-1	12172	11805	12489	12156	2.82	cps
Cadmium	108-1	7531	7598	7994	7708	3.25	cps
Calcium	43-1	252401	255616	254835	254284	0.66	cps
Calcium	44-1	4098051	4104693	4110878	4104541	0.16	cps
Chromium	52-2	108304	114315	116572	113064	3.78	cps
Cobalt	59-2	185655	194132	199902	193230	3.71	cps
Copper	63-2	285882	296283	304581	295582	3.17	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	13	20	7	13	49.99	cps
Erbium	164-1	50	83	58	64	27.16	cps
Erbium	164-2	30	20	20	23	24.74	cps
Gadolinium	160-1	58	58	83	67	21.66	cps
Gadolinium	160-2	17	20	43	27	54.47	cps
Holmium	165-1	5657199	4831387	5210490	5233025	7.90	cps
Holmium	165-2	1844504	1958215	1962243	1921654	3.48	cps
Indium	115-1	4353961	3713010	3971646	4012872	8.04	cps
Indium	115-2	493808	519997	530632	514812	3.68	cps
Iron	56-2	4636004	4772831	4922766	4777200	3.00	cps
Iron	57-2	111345	118016	121719	117027	4.49	cps
Lead	206-1	313837	322051	318685	318191	1.30	cps
Lead	207-1	270328	273442	271347	271706	0.58	cps
Lead	208-1	1238943	1260815	1256753	1252170	0.93	cps
Lithium	6-1	561892	505587	527386	531622	5.34	cps
Magnesium	24-2	802118	840511	874218	838949	4.30	cps
Manganese	55-2	464367	485112	497010	482163	3.43	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-11DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:08:57	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	872273	901645	890076	887998	1.67	cps
Molybdenum	95-1	1089978	1114162	1096342	1100161	1.14	cps
Molybdenum	96-1	1195066	1237727	1218763	1217185	1.76	cps
Molybdenum	97-1	680176	700444	686161	688927	1.51	cps
Molybdenum	98-1	1745174	1777509	1760457	1761047	0.92	cps
Neodymium	150-1	80	47	40	56	38.57	cps
Neodymium	150-2	17	10	0	9	94.38	cps
Nickel	60-2	52084	54104	55185	53791	2.93	cps
Phosphorus	31-2	242	283	208	244	15.37	cps
Potassium	39-2	298581	311848	322623	311017	3.87	cps
Rhodium	103-1	4104468	3433450	3691193	3743037	9.04	cps
Rhodium	103-2	1544387	1625375	1645112	1604958	3.33	cps
Scandium	45-1	2327561	1944134	2032159	2101285	9.56	cps
Scandium	45-2	73062	76818	78541	76140	3.68	cps
Selenium	77-2	163	197	210	190	12.65	cps
Selenium	78-2	597	644	616	619	3.82	cps
Selenium	82-1	6770	6481	6813	6688	2.71	cps
Silicon	28-1	4532812	4614712	4576055	4574526	0.90	cps
Silver	109-1	493977	500279	495516	496591	0.66	cps
Silver	107-1	516627	522556	522056	520413	0.63	cps
Sodium	23-2	1899723	1946672	2017168	1954521	3.02	cps
Strontium	86-1	251651	262353	255109	256371	2.13	cps
Strontium	88-1	2306497	2288386	2322143	2305675	0.73	cps
Sulfur	34-1	156019	154459	154755	155078	0.53	cps
Terbium	159-1	5958462	4960226	5345408	5421366	9.29	cps
Terbium	159-2	1860029	1948041	1998720	1935597	3.63	cps
Thallium	203-1	386244	386068	389032	387115	0.43	cps
Thallium	205-1	911757	934915	932945	926539	1.39	cps
Tin	118-1	332973	342464	342402	339280	1.61	cps
Titanium	47-1	236493	237899	236578	236990	0.33	cps
Uranium	238-1	1146822	1164960	1166857	1159546	0.95	cps
Vanadium	51-2	84553	89078	91754	88462	4.11	cps
Yttrium	89-1	4662294	3939870	4240083	4280749	8.48	cps
Yttrium	89-2	396985	418788	427584	414452	3.80	cps
Zinc	66-2	36982	38129	39346	38152	3.10	cps
Zirconium	90-1	699349	720990	710900	710413	1.52	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-11DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:08:57	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	155073	158697	157358	157042	1.17	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : K2910-09ADLX5 Instrumnet Name : P8
 Client Sample ID : S73-0229ADL Dilution Factor : 5
 Date & Time Acquired :: 2019-05-25 19:12:33 DataFile Name : 081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35128	36865	37216	36403	3.07	cps
Antimony	121-1	489560	493429	490431	491140	0.41	cps
Arsenic	75-2	14339	15109	15317	14922	3.45	cps
Barium	135-1	503173	511743	514271	509729	1.14	cps
Barium	137-1	883272	889323	893748	888781	0.59	cps
Beryllium	9-1	58017	59160	57342	58173	1.58	cps
Bismuth	209-1	3299986	3249545	3279281	3276271	0.77	cps
Bismuth	209-2	1268933	1312229	1334120	1305094	2.54	cps
Boron	10-1	5818	6085	6026	5976	2.35	cps
Boron	11-1	29673	32103	31218	30998	3.97	cps
Cadmium	111-1	112904	115090	114824	114273	1.04	cps
Cadmium	106-1	12147	11872	12189	12070	1.43	cps
Cadmium	108-1	8073	8132	7802	8002	2.20	cps
Calcium	43-1	253749	255010	254649	254469	0.26	cps
Calcium	44-1	4178254	4084836	4050131	4104407	1.61	cps
Chromium	52-2	106242	112698	113438	110793	3.57	cps
Cobalt	59-2	181921	192710	193844	189492	3.47	cps
Copper	63-2	285766	296259	301935	294654	2.78	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Dysprosium	156-2	27	13	30	23	37.81	cps
Erbium	164-1	117	67	58	81	39.16	cps
Erbium	164-2	33	20	13	22	45.83	cps
Gadolinium	160-1	50	25	58	44	39.04	cps
Gadolinium	160-2	27	30	37	31	16.37	cps
Holmium	165-1	5124874	5061073	5152311	5112753	0.92	cps
Holmium	165-2	1855643	1927615	1964467	1915908	2.89	cps
Indium	115-1	3953347	3909542	4003693	3955527	1.19	cps
Indium	115-2	490573	516001	522568	509714	3.32	cps
Iron	56-2	4534710	4698006	4809265	4680660	2.95	cps
Iron	57-2	109934	114174	118100	114069	3.58	cps
Lead	206-1	314424	318847	320981	318084	1.05	cps
Lead	207-1	269162	271395	273005	271187	0.71	cps
Lead	208-1	1242582	1255146	1255452	1251060	0.59	cps
Lithium	6-1	532552	530116	532022	531563	0.24	cps
Magnesium	24-2	801791	834669	855822	830761	3.28	cps
Manganese	55-2	457373	479544	490196	475704	3.52	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09ADLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:12:33	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	881131	886127	882143	883134	0.30	cps
Molybdenum	95-1	1099159	1103164	1104836	1102386	0.26	cps
Molybdenum	96-1	1208148	1207067	1213091	1209435	0.27	cps
Molybdenum	97-1	693413	683145	686312	687623	0.76	cps
Molybdenum	98-1	1753090	1751110	1769684	1757961	0.58	cps
Neodymium	150-1	47	33	67	49	34.32	cps
Neodymium	150-2	7	13	20	13	49.99	cps
Nickel	60-2	49906	53418	54298	52541	4.42	cps
Phosphorus	31-2	242	333	150	242	37.93	cps
Potassium	39-2	292403	310674	315744	306274	4.01	cps
Rhodium	103-1	3647840	3660625	3667587	3658684	0.27	cps
Rhodium	103-2	1505179	1614308	1615027	1578171	4.01	cps
Scandium	45-1	2099295	2053684	2025991	2059657	1.80	cps
Scandium	45-2	72572	76503	77482	75519	3.44	cps
Selenium	77-2	223	153	173	183	19.67	cps
Selenium	78-2	569	602	644	605	6.21	cps
Selenium	82-1	6742	6692	6789	6741	0.72	cps
Silicon	28-1	4548095	4526508	4604547	4559717	0.88	cps
Silver	109-1	498719	497718	499270	498569	0.16	cps
Silver	107-1	515080	511913	514467	513820	0.33	cps
Sodium	23-2	1875654	1997645	1996275	1956525	3.58	cps
Strontium	86-1	252308	256135	258234	255559	1.18	cps
Strontium	88-1	2237966	2249080	2269958	2252335	0.72	cps
Sulfur	34-1	160972	160256	159126	160118	0.58	cps
Terbium	159-1	5323361	5288142	5346483	5319329	0.55	cps
Terbium	159-2	1870097	1920239	1961646	1917328	2.39	cps
Thallium	203-1	386703	386311	383234	385416	0.49	cps
Thallium	205-1	928386	922884	922946	924739	0.34	cps
Tin	118-1	334434	337776	336109	336106	0.50	cps
Titanium	47-1	235516	235186	230936	233879	1.09	cps
Uranium	238-1	1149419	1161123	1162395	1157646	0.62	cps
Vanadium	51-2	84010	86867	89829	86902	3.35	cps
Yttrium	89-1	4139884	4168113	4181451	4163149	0.51	cps
Yttrium	89-2	393019	415086	420431	409512	3.55	cps
Zinc	66-2	36558	38119	39015	37897	3.28	cps
Zirconium	90-1	701356	703365	710165	704962	0.65	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-09ADLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0229ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:12:33	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	157450	156869	155427	156582	0.67	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-15DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0235DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:16:10	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	100	42	86	45.73	cps
Antimony	121-1	1342	1492	1375	1403	5.62	cps
Arsenic	75-2	600	660	625	628	4.80	cps
Barium	135-1	3142	3175	2950	3089	3.93	cps
Barium	137-1	5543	5526	5551	5540	0.23	cps
Beryllium	9-1	33	56	67	52	32.74	cps
Bismuth	209-1	3286862	3256429	3279263	3274185	0.48	cps
Bismuth	209-2	1297925	1339543	1358407	1331959	2.32	cps
Boron	10-1	1233	1233	1317	1261	3.82	cps
Boron	11-1	5626	5835	5735	5732	1.82	cps
Cadmium	111-1	621	660	578	620	6.56	cps
Cadmium	106-1	875	917	817	869	5.78	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Calcium	43-1	63016	62020	62263	62433	0.83	cps
Calcium	44-1	1034651	1032024	1027192	1031289	0.37	cps
Chromium	52-2	490	493	540	508	5.51	cps
Cobalt	59-2	160	147	157	154	4.49	cps
Copper	63-2	860	863	970	898	6.97	cps
Dysprosium	156-1	50	58	67	58	14.29	cps
Dysprosium	156-2	23	3	20	16	68.90	cps
Erbium	164-1	50	75	25	50	50.00	cps
Erbium	164-2	20	10	17	16	32.73	cps
Gadolinium	160-1	17	33	58	36	58.07	cps
Gadolinium	160-2	30	10	23	21	48.24	cps
Holmium	165-1	5091971	5011995	5187654	5097206	1.73	cps
Holmium	165-2	1860950	1916791	1957256	1911666	2.53	cps
Indium	115-1	3964602	3935729	3999449	3966593	0.80	cps
Indium	115-2	494816	517284	531124	514408	3.56	cps
Iron	56-2	5667373	5899524	6124790	5897229	3.88	cps
Iron	57-2	138799	145679	148502	144327	3.46	cps
Lead	206-1	222	272	278	257	11.89	cps
Lead	207-1	222	228	222	224	1.43	cps
Lead	208-1	1089	978	994	1020	5.87	cps
Lithium	6-1	525260	522233	517736	521743	0.73	cps
Magnesium	24-2	65970	67920	68238	67376	1.82	cps
Manganese	55-2	226561	239189	245887	237212	4.14	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-15DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0235DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:16:10	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	375	325	300	333	11.46	cps
Molybdenum	95-1	167	208	242	206	18.28	cps
Molybdenum	96-1	283	267	275	275	3.03	cps
Molybdenum	97-1	183	125	250	186	33.61	cps
Molybdenum	98-1	275	217	342	278	22.52	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	3	3	17	8	99.04	cps
Nickel	60-2	100	120	117	112	9.55	cps
Phosphorus	31-2	175	275	208	219	23.20	cps
Potassium	39-2	28137	30049	30275	29487	3.98	cps
Rhodium	103-1	3646025	3646240	3709917	3667394	1.00	cps
Rhodium	103-2	1538404	1621210	1670125	1609913	4.14	cps
Scandium	45-1	2045316	2021021	2062400	2042912	1.02	cps
Scandium	45-2	72060	75323	76188	74524	2.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	8	10	17	12	40.51	cps
Selenium	82-1	6	34	-72	-11	-508.66	cps
Silicon	28-1	5140255	5078020	5194593	5137622	1.14	cps
Silver	109-1	333	417	392	381	11.24	cps
Silver	107-1	350	367	325	347	6.04	cps
Sodium	23-2	151944	157116	158244	155768	2.16	cps
Strontium	86-1	79180	78826	78777	78928	0.28	cps
Strontium	88-1	692950	697933	698174	696352	0.42	cps
Sulfur	34-1	150821	149128	148051	149334	0.94	cps
Terbium	159-1	5299668	5335581	5310258	5315169	0.35	cps
Terbium	159-2	1910634	1922602	1973556	1935597	1.73	cps
Thallium	203-1	508	367	483	453	16.70	cps
Thallium	205-1	1100	908	958	989	10.05	cps
Tin	118-1	367	492	433	431	14.53	cps
Titanium	47-1	575	725	600	633	12.69	cps
Uranium	238-1	208	242	200	217	10.18	cps
Vanadium	51-2	137	103	103	114	16.82	cps
Yttrium	89-1	4082036	4108681	4121364	4104027	0.49	cps
Yttrium	89-2	393203	410203	422808	408738	3.63	cps
Zinc	66-2	267	350	350	322	14.93	cps
Zirconium	90-1	500	508	608	539	11.19	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-15DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0235DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:16:10	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	133	92	117	18.90	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-20DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0230DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:19:47	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	142	100	125	17.64	cps
Antimony	121-1	1217	1042	1342	1200	12.56	cps
Arsenic	75-2	843	876	903	874	3.44	cps
Barium	135-1	4076	3926	4026	4009	1.91	cps
Barium	137-1	6785	7344	7177	7102	4.04	cps
Beryllium	9-1	56	33	17	35	55.45	cps
Bismuth	209-1	3313771	3308926	3361734	3328144	0.88	cps
Bismuth	209-2	1166971	1390984	1294864	1284273	8.75	cps
Boron	10-1	725	825	775	775	6.45	cps
Boron	11-1	4192	3817	4192	4067	5.32	cps
Cadmium	111-1	599	753	734	695	12.05	cps
Cadmium	106-1	817	1000	1042	953	12.56	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	131275	127424	126616	128438	1.94	cps
Calcium	44-1	2105732	2066240	2090746	2087573	0.96	cps
Chromium	52-2	550	520	600	557	7.26	cps
Cobalt	59-2	1047	1033	1083	1054	2.46	cps
Copper	63-2	843	843	827	838	1.15	cps
Dysprosium	156-1	42	33	25	33	25.01	cps
Dysprosium	156-2	10	17	20	16	32.73	cps
Erbium	164-1	33	8	75	39	86.61	cps
Erbium	164-2	17	13	37	22	56.80	cps
Gadolinium	160-1	58	67	42	56	22.91	cps
Gadolinium	160-2	30	13	27	23	37.81	cps
Holmium	165-1	5158730	5122176	5197705	5159537	0.73	cps
Holmium	165-2	1651573	2042322	1882281	1858725	10.57	cps
Indium	115-1	4045189	4091725	4096648	4077854	0.70	cps
Indium	115-2	449345	555404	506729	503826	10.54	cps
Iron	56-2	558548	580390	603955	580964	3.91	cps
Iron	57-2	13662	14052	14708	14141	3.74	cps
Lead	206-1	167	233	178	193	18.55	cps
Lead	207-1	211	144	167	174	19.50	cps
Lead	208-1	844	789	761	798	5.32	cps
Lithium	6-1	510964	512975	505162	509700	0.80	cps
Magnesium	24-2	172845	180610	184776	179410	3.37	cps
Manganese	55-2	213211	224118	232665	223331	4.37	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-20DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0230DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:19:47	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	408	500	575	494	16.88	cps
Molybdenum	95-1	967	625	658	750	25.12	cps
Molybdenum	96-1	733	725	767	742	2.97	cps
Molybdenum	97-1	333	475	475	428	19.12	cps
Molybdenum	98-1	1017	842	1092	983	13.05	cps
Neodymium	150-1	20	20	80	40	86.60	cps
Neodymium	150-2	17	3	13	11	62.48	cps
Nickel	60-2	250	223	240	238	5.67	cps
Phosphorus	31-2	183	158	267	203	27.97	cps
Potassium	39-2	50165	53853	54196	52738	4.24	cps
Rhodium	103-1	3751786	3690385	3761502	3734558	1.03	cps
Rhodium	103-2	1386625	1705615	1585858	1559366	10.33	cps
Scandium	45-1	2027453	2073120	2103639	2068071	1.85	cps
Scandium	45-2	65928	79439	74299	73222	9.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	14	10	12	12	16.67	cps
Selenium	82-1	-18	4	-1	-5	-238.74	cps
Silicon	28-1	3715822	3788497	3835704	3780008	1.60	cps
Silver	109-1	150	108	117	125	17.64	cps
Silver	107-1	183	150	192	175	12.60	cps
Sodium	23-2	590074	616534	627672	611427	3.16	cps
Strontium	86-1	97311	97235	97193	97246	0.06	cps
Strontium	88-1	855431	854904	858575	856303	0.23	cps
Sulfur	34-1	159018	159969	158790	159259	0.39	cps
Terbium	159-1	5291106	5397181	5377041	5355109	1.05	cps
Terbium	159-2	1693222	2029015	1887885	1870041	9.02	cps
Thallium	203-1	167	125	192	161	20.90	cps
Thallium	205-1	408	475	533	472	13.25	cps
Tin	118-1	367	367	417	383	7.53	cps
Titanium	47-1	583	508	550	547	6.87	cps
Uranium	238-1	2634	2384	2392	2470	5.75	cps
Vanadium	51-2	30	33	37	33	10.01	cps
Yttrium	89-1	4183115	4194006	4151080	4176067	0.53	cps
Yttrium	89-2	356605	437450	408450	400835	10.22	cps
Zinc	66-2	480	520	487	496	4.33	cps
Zirconium	90-1	375	383	392	383	2.17	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K2910-20DLX5	Instrumnet Name :	P8
Client Sample ID :	S73-0230DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:19:47	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	67	33	64	45.81	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120045BL	Instrumnet Name :	P8
Client Sample ID :	PB120045BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:30:47	DataFile Name :	084CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	58	36	58.08	cps
Antimony	121-1	25	0	42	22	94.38	cps
Arsenic	75-2	0	1	1	1	86.60	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	25	42	8	25	66.68	cps
Beryllium	9-1	17	22	28	22	25.00	cps
Bismuth	209-1	2842072	3198958	3209274	3083434	6.78	cps
Bismuth	209-2	1299761	1354011	1376185	1343319	2.93	cps
Boron	10-1	417	267	242	308	30.70	cps
Boron	11-1	1492	1392	1642	1508	8.34	cps
Cadmium	111-1	502	704	677	628	17.50	cps
Cadmium	106-1	725	1008	975	903	17.15	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	300	317	450	356	23.12	cps
Calcium	44-1	8411	8353	8478	8414	0.74	cps
Chromium	52-2	410	433	407	417	3.49	cps
Cobalt	59-2	63	60	77	67	13.23	cps
Copper	63-2	267	283	277	276	3.04	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	25	33	33	25.01	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	33	8	17	19	65.47	cps
Gadolinium	160-2	17	10	3	10	66.70	cps
Holmium	165-1	4444292	5067855	5040989	4851045	7.27	cps
Holmium	165-2	1894061	1977633	2027691	1966462	3.43	cps
Indium	115-1	3626998	4073579	4061235	3920604	6.49	cps
Indium	115-2	524419	555101	568795	549438	4.14	cps
Iron	56-2	1278	1367	1433	1359	5.74	cps
Iron	57-2	50	22	61	44	45.07	cps
Lead	206-1	111	167	144	141	19.87	cps
Lead	207-1	139	133	133	135	2.37	cps
Lead	208-1	639	700	617	652	6.62	cps
Lithium	6-1	515747	577846	575020	556204	6.30	cps
Magnesium	24-2	75	108	108	97	19.80	cps
Manganese	55-2	40	23	43	36	30.14	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120045BL	Instrumnet Name :	P8
Client Sample ID :	PB120045BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:30:47	DataFile Name :	084CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	100	83	108	97	13.09	cps
Molybdenum	95-1	33	17	17	22	43.28	cps
Molybdenum	96-1	75	58	67	67	12.49	cps
Molybdenum	97-1	50	33	58	47	26.96	cps
Molybdenum	98-1	8	33	42	28	62.46	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	27	23	30	29.40	cps
Phosphorus	31-2	250	167	183	200	22.05	cps
Potassium	39-2	8986	9820	9837	9548	5.09	cps
Rhodium	103-1	3370300	3866503	3809326	3682043	7.37	cps
Rhodium	103-2	1596763	1684130	1701606	1660833	3.38	cps
Scandium	45-1	2039385	2325041	2307652	2224026	7.20	cps
Scandium	45-2	76929	80770	82651	80117	3.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	14	12	17	14	17.56	cps
Selenium	82-1	-7	44	1	13	217.47	cps
Silicon	28-1	1168220	1161259	1181080	1170186	0.86	cps
Silver	109-1	25	67	17	36	74.18	cps
Silver	107-1	67	33	25	42	52.92	cps
Sodium	23-2	4017	3826	3992	3945	2.64	cps
Strontium	86-1	292	433	450	392	22.21	cps
Strontium	88-1	42	58	83	61	34.32	cps
Sulfur	34-1	164360	165720	165651	165244	0.46	cps
Terbium	159-1	4637632	5247722	5299685	5061680	7.27	cps
Terbium	159-2	1909363	2000277	2028097	1979245	3.14	cps
Thallium	203-1	1175	700	483	786	45.01	cps
Thallium	205-1	2450	1800	1208	1820	34.14	cps
Tin	118-1	208	158	142	169	20.48	cps
Titanium	47-1	542	417	650	536	21.78	cps
Uranium	238-1	17	8	8	11	43.34	cps
Vanadium	51-2	7	10	10	9	21.63	cps
Yttrium	89-1	3820176	4254733	4265209	4113373	6.17	cps
Yttrium	89-2	413826	442138	450213	435392	4.39	cps
Zinc	66-2	27	30	47	34	31.11	cps
Zirconium	90-1	250	275	325	283	13.48	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120045BL	Instrumnet Name :	P8
Client Sample ID :	PB120045BL	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:30:47	DataFile Name :	084CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	50	42	67	53	24.12	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : PB120045BS Instrumnet Name : P8
 Client Sample ID : PB120045BS Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 19:34:25 DataFile Name : 085LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	177353	186493	188469	184105	3.22	cps
Antimony	121-1	2282184	2344571	2351238	2325998	1.64	cps
Arsenic	75-2	69467	72876	74881	72408	3.78	cps
Barium	135-1	2343157	2362512	2379821	2361830	0.78	cps
Barium	137-1	4074440	4069995	4091488	4078641	0.28	cps
Beryllium	9-1	290329	301973	299144	297149	2.04	cps
Bismuth	209-1	3150206	3180235	3146810	3159084	0.58	cps
Bismuth	209-2	1303999	1341214	1362951	1336055	2.23	cps
Boron	10-1	24380	26091	27093	25854	5.31	cps
Boron	11-1	121746	129159	131876	127594	4.11	cps
Cadmium	111-1	532761	542472	542945	539392	1.07	cps
Cadmium	106-1	55999	56109	54837	55648	1.27	cps
Cadmium	108-1	38108	38517	38438	38354	0.57	cps
Calcium	43-1	519509	528873	527935	525439	0.98	cps
Calcium	44-1	8238473	8443699	8605365	8429179	2.18	cps
Chromium	52-2	537697	561222	570600	556506	3.05	cps
Cobalt	59-2	913058	943669	958553	938426	2.47	cps
Copper	63-2	1374557	1429648	1466907	1423704	3.26	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	3	13	13	10	57.75	cps
Gadolinium	160-1	42	25	58	42	40.00	cps
Gadolinium	160-2	20	20	10	17	34.64	cps
Holmium	165-1	5002117	5063997	5122487	5062867	1.19	cps
Holmium	165-2	1928957	2000692	2044165	1991271	2.92	cps
Indium	115-1	3909126	3989278	4001645	3966683	1.27	cps
Indium	115-2	516417	539797	554123	536779	3.55	cps
Iron	56-2	19673235	20708221	21112891	20498116	3.62	cps
Iron	57-2	486608	512699	520493	506600	3.50	cps
Lead	206-1	1425465	1441809	1440881	1436052	0.64	cps
Lead	207-1	1255965	1269914	1275998	1267292	0.81	cps
Lead	208-1	5837893	5897166	5918094	5884384	0.71	cps
Lithium	6-1	574794	585959	592765	584506	1.55	cps
Magnesium	24-2	3046140	3130399	3163572	3113370	1.94	cps
Manganese	55-2	451132	473356	485246	469911	3.68	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120045BS	Instrumnet Name :	P8
Client Sample ID :	PB120045BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:34:25	DataFile Name :	085LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4002390	4072746	4067783	4047640	0.97	cps
Molybdenum	95-1	5027204	5086547	4994897	5036216	0.92	cps
Molybdenum	96-1	5453194	5542334	5539855	5511794	0.92	cps
Molybdenum	97-1	3054960	3106039	3105102	3088700	0.95	cps
Molybdenum	98-1	7781439	7845416	7838104	7821653	0.45	cps
Neodymium	150-1	120	53	113	96	38.43	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	248774	260157	262244	257058	2.82	cps
Phosphorus	31-2	14182	14449	14149	14260	1.15	cps
Potassium	39-2	1238043	1316534	1345173	1299917	4.27	cps
Rhodium	103-1	3616084	3672981	3665129	3651398	0.84	cps
Rhodium	103-2	1576527	1614045	1663767	1618113	2.70	cps
Scandium	45-1	2288201	2286391	2355950	2310181	1.72	cps
Scandium	45-2	77773	80736	82500	80336	2.97	cps
Selenium	77-2	963	920	1070	984	7.84	cps
Selenium	78-2	3051	3232	3306	3196	4.11	cps
Selenium	82-1	32216	32686	32454	32452	0.72	cps
Silicon	28-1	1970581	1994874	2013191	1992882	1.07	cps
Silver	109-1	2404367	2458014	2433900	2432094	1.10	cps
Silver	107-1	2501925	2578310	2545628	2541954	1.51	cps
Sodium	23-2	6481950	6732390	6742776	6652372	2.22	cps
Strontium	86-1	617428	615676	617868	616991	0.19	cps
Strontium	88-1	5390586	5414199	5382764	5395850	0.30	cps
Sulfur	34-1	291952	294780	293884	293539	0.49	cps
Terbium	159-1	5219868	5238258	5300812	5252980	0.81	cps
Terbium	159-2	1934909	2000043	2065469	2000140	3.26	cps
Thallium	203-1	1806652	1804434	1827233	1812773	0.69	cps
Thallium	205-1	4237362	4335626	4250513	4274500	1.25	cps
Tin	118-1	1633533	1616763	1617140	1622479	0.59	cps
Titanium	47-1	1185014	1219973	1200752	1201913	1.46	cps
Uranium	238-1	5280733	5363475	5324663	5322957	0.78	cps
Vanadium	51-2	428126	440624	453161	440637	2.84	cps
Yttrium	89-1	4240691	4262650	4217692	4240344	0.53	cps
Yttrium	89-2	419401	438517	455343	437753	4.11	cps
Zinc	66-2	181503	190190	193621	188438	3.31	cps
Zirconium	90-1	3289311	3344849	3402330	3345497	1.69	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	PB120045BS	Instrumnet Name :	P8
Client Sample ID :	PB120045BS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:34:25	DataFile Name :	085LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	738983	745920	743584	742829	0.48	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:38:01	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24647	25557	26024	25409	2.76	cps
Antimony	121-1	13999	12823	10546	12456	14.09	cps
Arsenic	75-2	309	333	360	334	7.64	cps
Barium	135-1	19022	19506	19114	19214	1.34	cps
Barium	137-1	32833	33342	34512	33563	2.57	cps
Beryllium	9-1	67	61	50	59	14.32	cps
Bismuth	209-1	3385211	3424877	3425079	3411722	0.67	cps
Bismuth	209-2	1186216	1230795	1258928	1225313	2.99	cps
Boron	10-1	1950	1808	1975	1911	4.70	cps
Boron	11-1	9670	9011	9478	9387	3.61	cps
Cadmium	111-1	717	711	579	669	11.68	cps
Cadmium	106-1	992	900	775	889	12.24	cps
Cadmium	108-1	33	21	38	31	28.39	cps
Calcium	43-1	1547036	1579200	1574666	1566968	1.11	cps
Calcium	44-1	24633680	25198727	24982043	24938150	1.14	cps
Chromium	52-2	870	917	907	898	2.74	cps
Cobalt	59-2	270	293	323	296	9.05	cps
Copper	63-2	7706	8326	8603	8211	5.59	cps
Dysprosium	156-1	25	50	42	39	32.73	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-1	58	50	25	44	39.04	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	25	17	0	14	91.65	cps
Gadolinium	160-2	13	27	10	17	52.93	cps
Holmium	165-1	4993519	5045054	5094548	5044374	1.00	cps
Holmium	165-2	1717714	1806401	1833287	1785801	3.39	cps
Indium	115-1	3757237	3880677	3872770	3836895	1.80	cps
Indium	115-2	437388	462856	477166	459137	4.39	cps
Iron	56-2	42176	43295	45022	43498	3.30	cps
Iron	57-2	1245	1167	1328	1246	6.47	cps
Lead	206-1	750	800	661	737	9.54	cps
Lead	207-1	717	750	767	744	3.42	cps
Lead	208-1	3200	3089	2895	3061	5.05	cps
Lithium	6-1	449592	467305	466695	461197	2.18	cps
Magnesium	24-2	4426	4709	4759	4631	3.88	cps
Manganese	55-2	503	587	667	586	13.95	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:38:01	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	48336	49523	49457	49105	1.36	cps
Molybdenum	95-1	84680	88303	87581	86855	2.21	cps
Molybdenum	96-1	87749	93529	92077	91118	3.30	cps
Molybdenum	97-1	52853	54116	54618	53863	1.69	cps
Molybdenum	98-1	135403	139309	138762	137824	1.53	cps
Neodymium	150-1	60	67	27	51	41.93	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	5828	6572	6472	6290	6.42	cps
Phosphorus	31-2	142	225	200	189	22.64	cps
Potassium	39-2	247236	259080	270418	258911	4.48	cps
Rhodium	103-1	3330543	3466410	3486239	3427731	2.47	cps
Rhodium	103-2	1373363	1442184	1463735	1426427	3.31	cps
Scandium	45-1	1698370	1770436	1792086	1753631	2.80	cps
Scandium	45-2	62083	65659	68770	65504	5.11	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	14	11	11	12	14.43	cps
Selenium	82-1	10	91	51	51	79.82	cps
Silicon	28-1	3845072	3967335	3897878	3903428	1.57	cps
Silver	109-1	1742	1750	1475	1656	9.45	cps
Silver	107-1	1792	1692	1508	1664	8.64	cps
Sodium	23-2	6676691	6933578	7058308	6889526	2.82	cps
Strontium	86-1	335712	342943	344743	341132	1.40	cps
Strontium	88-1	2945168	3054658	3027739	3009188	1.90	cps
Sulfur	34-1	175172	178658	176278	176703	1.01	cps
Terbium	159-1	5073165	5214582	5285784	5191177	2.08	cps
Terbium	159-2	1675242	1774320	1827232	1758931	4.39	cps
Thallium	203-1	317	333	292	314	6.68	cps
Thallium	205-1	750	733	592	692	12.58	cps
Tin	118-1	2925	2642	2675	2748	5.64	cps
Titanium	47-1	1008	1108	1033	1050	4.96	cps
Uranium	238-1	792	842	742	792	6.31	cps
Vanadium	51-2	5011	5024	5354	5130	3.79	cps
Yttrium	89-1	3872922	4001941	3937263	3937375	1.64	cps
Yttrium	89-2	348823	370682	378445	365983	4.20	cps
Zinc	66-2	1457	1413	1433	1435	1.51	cps
Zirconium	90-1	692	4274	633	1866	111.73	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01	Instrumnet Name :	P8
Client Sample ID :	S32-0657	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:38:01	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	208	200	108	172	32.22	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:41:39	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24179	25624	26375	25393	4.39	cps
Antimony	121-1	9420	9379	8736	9178	4.18	cps
Arsenic	75-2	315	360	334	336	6.72	cps
Barium	135-1	18755	19356	19673	19262	2.42	cps
Barium	137-1	32791	34312	34228	33777	2.53	cps
Beryllium	9-1	39	6	44	30	70.98	cps
Bismuth	209-1	3278712	3292406	3306117	3292412	0.42	cps
Bismuth	209-2	1177517	1236352	1198375	1204081	2.48	cps
Boron	10-1	1092	1125	1192	1136	4.48	cps
Boron	11-1	6018	5618	5643	5760	3.89	cps
Cadmium	111-1	685	717	677	693	3.04	cps
Cadmium	106-1	950	1033	942	975	5.20	cps
Cadmium	108-1	13	21	4	13	66.64	cps
Calcium	43-1	1504052	1541276	1571390	1538906	2.19	cps
Calcium	44-1	24082221	24218148	24757140	24352503	1.47	cps
Chromium	52-2	843	837	883	854	2.95	cps
Cobalt	59-2	297	257	377	310	19.71	cps
Copper	63-2	8239	8663	8783	8562	3.34	cps
Dysprosium	156-1	25	25	33	28	17.31	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	17	67	58	47	56.72	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	67	25	25	39	61.86	cps
Gadolinium	160-2	17	33	17	22	43.28	cps
Holmium	165-1	4980527	5130566	5158366	5089820	1.88	cps
Holmium	165-2	1716430	1826982	1756249	1766553	3.17	cps
Indium	115-1	3715962	3830947	3839009	3795306	1.81	cps
Indium	115-2	434939	463580	457947	452155	3.36	cps
Iron	56-2	41306	44059	44047	43137	3.68	cps
Iron	57-2	1261	1295	1239	1265	2.21	cps
Lead	206-1	444	494	417	452	8.72	cps
Lead	207-1	389	356	394	380	5.54	cps
Lead	208-1	1883	1806	1556	1748	9.80	cps
Lithium	6-1	459670	469528	473323	467507	1.51	cps
Magnesium	24-2	4718	5093	4568	4793	5.65	cps
Manganese	55-2	543	573	557	558	2.69	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:41:39	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	48328	49156	49123	48869	0.96	cps
Molybdenum	95-1	83480	85971	85603	85018	1.58	cps
Molybdenum	96-1	89862	91783	92236	91294	1.38	cps
Molybdenum	97-1	52987	53849	53924	53587	0.97	cps
Molybdenum	98-1	134941	138770	136127	136613	1.43	cps
Neodymium	150-1	27	20	40	29	35.25	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	6095	6295	6388	6259	2.40	cps
Phosphorus	31-2	225	158	192	192	17.39	cps
Potassium	39-2	246752	255350	265593	255898	3.69	cps
Rhodium	103-1	3376206	3444304	3470303	3430271	1.42	cps
Rhodium	103-2	1367261	1449005	1422965	1413077	2.96	cps
Scandium	45-1	1680314	1733624	1719339	1711092	1.61	cps
Scandium	45-2	62227	66178	65690	64698	3.33	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	12	14	12	13	9.12	cps
Selenium	82-1	9	29	-61	-8	-613.99	cps
Silicon	28-1	3724127	3821423	3877446	3807665	2.04	cps
Silver	109-1	525	575	492	531	7.91	cps
Silver	107-1	592	617	492	567	11.67	cps
Sodium	23-2	6622143	6950194	7168337	6913558	3.98	cps
Strontium	86-1	330479	342494	339693	337555	1.86	cps
Strontium	88-1	2893508	3016259	2989403	2966390	2.18	cps
Sulfur	34-1	179822	180760	180244	180275	0.26	cps
Terbium	159-1	5206557	5290585	5343588	5280244	1.31	cps
Terbium	159-2	1735245	1809710	1790174	1778376	2.17	cps
Thallium	203-1	75	100	83	86	14.78	cps
Thallium	205-1	192	192	167	183	7.87	cps
Tin	118-1	2200	2259	2259	2239	1.50	cps
Titanium	47-1	867	1050	1250	1056	18.16	cps
Uranium	238-1	358	358	392	369	5.21	cps
Vanadium	51-2	5138	5351	5531	5340	3.69	cps
Yttrium	89-1	3727078	3837193	3867100	3810457	1.94	cps
Yttrium	89-2	342935	369129	358946	357003	3.70	cps
Zinc	66-2	1383	1403	1443	1410	2.17	cps
Zirconium	90-1	350	408	425	394	9.99	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DUP	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:41:39	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	83	50	72	26.65	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:45:17	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5651	5851	5918	5807	2.39	cps
Antimony	121-1	1984	2109	2017	2036	3.18	cps
Arsenic	75-2	66	63	85	71	16.72	cps
Barium	135-1	4009	3751	4409	4056	8.18	cps
Barium	137-1	6785	7202	6744	6910	3.67	cps
Beryllium	9-1	50	50	39	46	13.85	cps
Bismuth	209-1	3408522	3400519	3369168	3392737	0.61	cps
Bismuth	209-2	1295864	1331925	1360176	1329322	2.42	cps
Boron	10-1	733	642	558	644	13.58	cps
Boron	11-1	3534	3684	3517	3578	2.57	cps
Cadmium	111-1	714	710	624	682	7.45	cps
Cadmium	106-1	1017	1000	883	967	7.52	cps
Cadmium	108-1	21	4	4	10	98.92	cps
Calcium	43-1	369976	366517	369659	368718	0.52	cps
Calcium	44-1	5972224	5859710	5870988	5900974	1.05	cps
Chromium	52-2	507	513	570	530	6.57	cps
Cobalt	59-2	60	93	97	83	24.33	cps
Copper	63-2	2310	2350	2327	2329	0.86	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	0	25	17	14	91.65	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	17	17	50	28	69.27	cps
Gadolinium	160-2	17	13	7	12	41.65	cps
Holmium	165-1	5176565	5298683	5302420	5259223	1.36	cps
Holmium	165-2	1888176	1929953	2005312	1941147	3.06	cps
Indium	115-1	4098657	4062195	4111695	4090849	0.63	cps
Indium	115-2	497871	523648	532418	517979	3.47	cps
Iron	56-2	10098	10643	10426	10389	2.64	cps
Iron	57-2	272	267	389	309	22.32	cps
Lead	206-1	167	144	250	187	29.75	cps
Lead	207-1	167	217	161	181	16.86	cps
Lead	208-1	761	722	733	739	2.71	cps
Lithium	6-1	530161	533428	531344	531644	0.31	cps
Magnesium	24-2	1075	1033	1000	1036	3.63	cps
Manganese	55-2	123	173	200	166	23.51	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:45:17	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10930	10613	10863	10802	1.55	cps
Molybdenum	95-1	18196	18329	19164	18563	2.83	cps
Molybdenum	96-1	20408	20048	18847	19768	4.13	cps
Molybdenum	97-1	11672	11180	11722	11525	2.60	cps
Molybdenum	98-1	30159	29867	30000	30009	0.49	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1343	1453	1530	1442	6.51	cps
Phosphorus	31-2	217	158	250	208	22.27	cps
Potassium	39-2	61920	66423	68633	65659	5.21	cps
Rhodium	103-1	3772670	3768546	3808584	3783267	0.58	cps
Rhodium	103-2	1573932	1634434	1667948	1625438	2.93	cps
Scandium	45-1	2053684	2042420	2058334	2051479	0.40	cps
Scandium	45-2	71162	74958	76322	74147	3.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	5	10	15	10	50.00	cps
Selenium	82-1	29	-58	2	-9	-500.97	cps
Silicon	28-1	1715972	1760156	1741440	1739189	1.28	cps
Silver	109-1	183	108	142	144	26.01	cps
Silver	107-1	217	133	58	136	58.19	cps
Sodium	23-2	1546767	1596333	1649537	1597546	3.22	cps
Strontium	86-1	73003	73673	74553	73743	1.05	cps
Strontium	88-1	643323	649744	648643	647237	0.53	cps
Sulfur	34-1	170070	171403	170718	170730	0.39	cps
Terbium	159-1	5456320	5513587	5483706	5484537	0.52	cps
Terbium	159-2	1884563	1977363	1998129	1953351	3.10	cps
Thallium	203-1	58	25	67	50	44.10	cps
Thallium	205-1	108	83	133	108	23.08	cps
Tin	118-1	483	450	483	472	4.08	cps
Titanium	47-1	675	550	683	636	11.74	cps
Uranium	238-1	83	150	50	94	53.91	cps
Vanadium	51-2	1087	1260	1177	1175	7.38	cps
Yttrium	89-1	4234054	4184746	4179564	4199455	0.72	cps
Yttrium	89-2	389599	412197	426553	409449	4.55	cps
Zinc	66-2	377	397	347	373	6.74	cps
Zirconium	90-1	458	358	275	364	25.23	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01LX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657L	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 19:45:17	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	117	58	89	32.93	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:49:57	DataFile Name :	089CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	939964	1019288	1022789	994013	4.71	cps
Antimony	121-1	2335922	2335956	2381869	2351249	1.13	cps
Arsenic	75-2	68897	72677	74555	72043	4.00	cps
Barium	135-1	2441566	2409761	2489796	2447041	1.65	cps
Barium	137-1	4263568	4217235	4228506	4236436	0.57	cps
Beryllium	9-1	310789	315425	318509	314908	1.23	cps
Bismuth	209-1	3152665	3119313	3082676	3118218	1.12	cps
Bismuth	209-2	1290765	1081020	1297547	1223111	10.06	cps
Boron	10-1	29356	28838	29840	29344	1.71	cps
Boron	11-1	141348	144304	147822	144491	2.24	cps
Cadmium	111-1	546821	543214	544459	544831	0.34	cps
Cadmium	106-1	55807	55666	56996	56156	1.30	cps
Cadmium	108-1	38016	38467	39165	38549	1.50	cps
Calcium	43-1	2500597	2523656	2588520	2537591	1.80	cps
Calcium	44-1	40804122	41404786	41312904	41173937	0.79	cps
Chromium	52-2	530759	565419	575620	557266	4.22	cps
Cobalt	59-2	888209	951662	962445	934105	4.29	cps
Copper	63-2	1327725	1404774	1412298	1381599	3.39	cps
Dysprosium	156-1	50	58	25	44	39.04	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	33	8	42	28	62.46	cps
Erbium	164-2	17	0	3	7	132.33	cps
Gadolinium	160-1	50	42	25	39	32.73	cps
Gadolinium	160-2	13	20	13	16	24.76	cps
Holmium	165-1	5266661	5140859	5042148	5149889	2.19	cps
Holmium	165-2	1981781	1611585	2005677	1866348	11.84	cps
Indium	115-1	4090873	3946294	3966102	4001090	1.96	cps
Indium	115-2	519603	435817	532140	495853	10.56	cps
Iron	56-2	94448799	102229402	102393330	99690511	4.55	cps
Iron	57-2	2394545	2606064	2617505	2539371	4.94	cps
Lead	206-1	1473864	1465219	1463953	1467679	0.37	cps
Lead	207-1	1305559	1298805	1298165	1300843	0.31	cps
Lead	208-1	6051844	6055207	5992555	6033202	0.58	cps
Lithium	6-1	609176	609486	605898	608187	0.33	cps
Magnesium	24-2	13877459	15048180	15140203	14688614	4.79	cps
Manganese	55-2	445144	476570	486671	469462	4.61	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:49:57	DataFile Name :	089CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4159275	4200509	4192957	4184247	0.52	cps
Molybdenum	95-1	5174240	5128969	5184386	5162532	0.57	cps
Molybdenum	96-1	5691404	5724921	5602884	5673070	1.11	cps
Molybdenum	97-1	3169596	3174734	3195940	3180090	0.44	cps
Molybdenum	98-1	8052019	8156078	8189401	8132499	0.88	cps
Neodymium	150-1	107	100	147	118	21.43	cps
Neodymium	150-2	13	10	7	10	33.30	cps
Nickel	60-2	241376	255153	260204	252244	3.86	cps
Phosphorus	31-2	14174	14600	14708	14494	1.95	cps
Potassium	39-2	5886953	6357033	6529944	6257977	5.32	cps
Rhodium	103-1	3676924	3639658	3582216	3632933	1.31	cps
Rhodium	103-2	1564340	1292335	1585306	1480660	11.04	cps
Scandium	45-1	2369288	2276228	2269948	2305155	2.41	cps
Scandium	45-2	77716	67636	81380	75577	9.42	cps
Selenium	77-2	940	920	937	932	1.15	cps
Selenium	78-2	2863	3150	3137	3050	5.32	cps
Selenium	82-1	32971	32978	32872	32941	0.18	cps
Silicon	28-1	1878812	1926776	1933365	1912984	1.56	cps
Silver	109-1	2482093	2468625	2462692	2471137	0.40	cps
Silver	107-1	2510683	2549689	2527890	2529421	0.77	cps
Sodium	23-2	31343854	33515710	33678868	32846144	3.97	cps
Strontium	86-1	639137	640262	639761	639720	0.09	cps
Strontium	88-1	5572344	5536664	5550942	5553317	0.32	cps
Sulfur	34-1	310262	313386	313861	312503	0.63	cps
Terbium	159-1	5499686	5329081	5239177	5355981	2.47	cps
Terbium	159-2	1987617	1617369	1980940	1861975	11.38	cps
Thallium	203-1	1876242	1863552	1854129	1864641	0.60	cps
Thallium	205-1	4371052	4311793	4361140	4347995	0.73	cps
Tin	118-1	1648576	1641830	1661495	1650634	0.61	cps
Titanium	47-1	1208782	1247834	1245971	1234196	1.78	cps
Uranium	238-1	5621218	5621200	5557917	5600112	0.65	cps
Vanadium	51-2	423084	453724	457658	444822	4.26	cps
Yttrium	89-1	4395651	4269639	4206753	4290681	2.24	cps
Yttrium	89-2	429681	360492	436081	408751	10.25	cps
Zinc	66-2	175602	185704	191332	184213	4.33	cps
Zirconium	90-1	3462828	3433099	3420945	3438957	0.63	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:49:57	DataFile Name :	089CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	770601	771312	773641	771851	0.21	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CCB23 Instrumnet Name : P8
 Client Sample ID : CCB23 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 19:54:28 DataFile Name : 090CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	42	28	45.82	cps
Antimony	121-1	458	292	317	356	25.28	cps
Arsenic	75-2	1	1	2	1	43.30	cps
Barium	135-1	142	92	100	111	24.11	cps
Barium	137-1	208	200	142	183	19.81	cps
Beryllium	9-1	61	56	83	67	22.05	cps
Bismuth	209-1	3271958	3039522	3224325	3178602	3.86	cps
Bismuth	209-2	1301170	1340619	1363307	1335032	2.36	cps
Boron	10-1	2134	1667	1742	1847	13.57	cps
Boron	11-1	8211	7902	7827	7980	2.55	cps
Cadmium	111-1	839	617	602	686	19.36	cps
Cadmium	106-1	1167	850	850	956	19.13	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Calcium	43-1	425	542	400	456	16.60	cps
Calcium	44-1	10521	10062	9111	9898	7.26	cps
Chromium	52-2	457	443	440	447	1.97	cps
Cobalt	59-2	50	53	37	47	18.89	cps
Copper	63-2	520	513	573	536	6.14	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	42	42	8	31	62.99	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	0	0	8	3	173.21	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	5190405	4873096	5101451	5054984	3.24	cps
Holmium	165-2	1886854	2002551	1991231	1960212	3.25	cps
Indium	115-1	4235823	3845183	4021925	4034310	4.85	cps
Indium	115-2	523054	540533	550105	537897	2.55	cps
Iron	56-2	2806	2445	2745	2665	7.25	cps
Iron	57-2	67	94	78	80	17.56	cps
Lead	206-1	572	483	506	520	8.89	cps
Lead	207-1	433	444	456	444	2.50	cps
Lead	208-1	1995	2067	2083	2048	2.31	cps
Lithium	6-1	616162	588302	608982	604482	2.39	cps
Magnesium	24-2	192	142	225	186	22.54	cps
Manganese	55-2	33	30	17	27	33.06	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CCB23 Instrumnet Name : P8
 Client Sample ID : CCB23 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 19:54:28 DataFile Name : 090CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	217	292	250	15.27	cps
Molybdenum	95-1	192	150	125	156	21.65	cps
Molybdenum	96-1	317	267	167	250	30.55	cps
Molybdenum	97-1	233	150	175	186	22.98	cps
Molybdenum	98-1	450	325	283	353	24.59	cps
Neodymium	150-1	0	7	27	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	40	23	10	24	61.49	cps
Phosphorus	31-2	192	158	292	214	32.44	cps
Potassium	39-2	9153	9420	9670	9414	2.75	cps
Rhodium	103-1	3912529	3699211	3743752	3785164	2.97	cps
Rhodium	103-2	1604644	1652228	1677087	1644653	2.24	cps
Scandium	45-1	2400893	2196603	2273972	2290489	4.50	cps
Scandium	45-2	76480	79965	80361	78935	2.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	14	5	15	11	48.60	cps
Selenium	82-1	19	15	27	20	28.93	cps
Silicon	28-1	1172736	1188468	1175253	1178819	0.72	cps
Silver	109-1	467	425	408	433	6.93	cps
Silver	107-1	417	442	267	375	25.24	cps
Sodium	23-2	6885	6827	6919	6877	0.67	cps
Strontium	86-1	433	508	392	444	13.30	cps
Strontium	88-1	350	242	267	286	19.82	cps
Sulfur	34-1	167842	168922	169446	168736	0.48	cps
Terbium	159-1	5340192	5004251	5320987	5221810	3.61	cps
Terbium	159-2	1917808	1942118	2002482	1954136	2.23	cps
Thallium	203-1	167	100	117	128	27.15	cps
Thallium	205-1	225	317	300	281	17.40	cps
Tin	118-1	342	183	267	264	30.01	cps
Titanium	47-1	717	508	575	600	17.73	cps
Uranium	238-1	225	200	150	192	19.92	cps
Vanadium	51-2	10	17	13	13	25.01	cps
Yttrium	89-1	4356563	4050113	4254781	4220486	3.70	cps
Yttrium	89-2	409281	430965	440862	427036	3.78	cps
Zinc	66-2	43	33	57	44	26.35	cps
Zirconium	90-1	467	458	433	453	3.83	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:54:28	DataFile Name :	090CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	67	67	69	6.93	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0657MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:58:06	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25590	24872	27577	26013	5.39	cps
Antimony	121-1	15326	13215	12081	13541	12.16	cps
Arsenic	75-2	328	303	343	325	6.22	cps
Barium	135-1	19248	19648	19281	19392	1.15	cps
Barium	137-1	32699	33242	33777	33239	1.62	cps
Beryllium	9-1	56	50	33	46	24.99	cps
Bismuth	209-1	3233301	3268158	3300298	3267252	1.03	cps
Bismuth	209-2	1187347	1233968	1264057	1228457	3.15	cps
Boron	10-1	1142	967	925	1011	11.37	cps
Boron	11-1	5201	5376	5059	5212	3.04	cps
Cadmium	111-1	639	639	550	609	8.45	cps
Cadmium	106-1	858	867	767	831	6.68	cps
Cadmium	108-1	17	25	17	19	24.73	cps
Calcium	43-1	1960184	1990638	1982066	1977629	0.79	cps
Calcium	44-1	31481066	31469193	32322686	31757649	1.54	cps
Chromium	52-2	2244	2237	2307	2262	1.71	cps
Cobalt	59-2	317	390	417	374	13.83	cps
Copper	63-2	7275	8002	7962	7747	5.28	cps
Dysprosium	156-1	33	42	8	28	62.46	cps
Dysprosium	156-2	13	10	17	13	25.01	cps
Erbium	164-1	67	58	33	53	32.88	cps
Erbium	164-2	13	27	13	18	43.33	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	20	20	17	19	10.18	cps
Holmium	165-1	5091019	5104322	5073598	5089647	0.30	cps
Holmium	165-2	1768611	1834433	1884201	1829082	3.17	cps
Indium	115-1	3756227	3812611	3837925	3802254	1.10	cps
Indium	115-2	452964	477170	485946	472027	3.62	cps
Iron	56-2	55566	59287	60090	58314	4.14	cps
Iron	57-2	1633	1617	1989	1746	12.04	cps
Lead	206-1	1150	1095	861	1035	14.81	cps
Lead	207-1	861	772	861	832	6.17	cps
Lead	208-1	4234	4045	3767	4015	5.85	cps
Lithium	6-1	487798	493460	493993	491750	0.70	cps
Magnesium	24-2	2648270	2797896	2846104	2764090	3.73	cps
Manganese	55-2	647	697	693	679	4.12	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0657MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:58:06	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	48052	49106	49298	48819	1.37	cps
Molybdenum	95-1	84226	85878	85996	85367	1.16	cps
Molybdenum	96-1	89007	92605	90979	90864	1.98	cps
Molybdenum	97-1	54468	54191	53807	54155	0.61	cps
Molybdenum	98-1	136304	135404	139864	137191	1.72	cps
Neodymium	150-1	87	53	27	56	54.11	cps
Neodymium	150-2	13	13	40	22	69.30	cps
Nickel	60-2	6405	6682	7089	6725	5.11	cps
Phosphorus	31-2	133	192	233	186	26.99	cps
Potassium	39-2	248178	267278	273960	263139	5.08	cps
Rhodium	103-1	3416590	3368420	3467532	3417514	1.45	cps
Rhodium	103-2	1406801	1468993	1521407	1465733	3.91	cps
Scandium	45-1	1812149	1758324	1770005	1780159	1.59	cps
Scandium	45-2	66262	69330	71216	68936	3.63	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	15	7	16	13	38.94	cps
Selenium	82-1	13	26	42	27	54.43	cps
Silicon	28-1	3912262	4017975	3997748	3975995	1.41	cps
Silver	109-1	1150	1050	1125	1108	4.70	cps
Silver	107-1	1292	1175	1258	1242	4.84	cps
Sodium	23-2	13363901	13930382	14159565	13817950	2.96	cps
Strontium	86-1	333914	338950	337891	336919	0.79	cps
Strontium	88-1	2939476	2937345	2964519	2947113	0.51	cps
Sulfur	34-1	182825	183239	184944	183669	0.61	cps
Terbium	159-1	5211185	5224479	5212901	5216188	0.14	cps
Terbium	159-2	1752178	1841771	1853460	1815803	3.05	cps
Thallium	203-1	183	175	250	203	20.27	cps
Thallium	205-1	325	317	333	325	2.56	cps
Tin	118-1	2550	2542	2517	2536	0.68	cps
Titanium	47-1	1067	917	1075	1020	8.74	cps
Uranium	238-1	533	458	392	461	15.37	cps
Vanadium	51-2	5248	5271	5448	5322	2.06	cps
Yttrium	89-1	3908203	3923141	3976016	3935787	0.91	cps
Yttrium	89-2	362207	380466	392218	378297	4.00	cps
Zinc	66-2	1687	1713	1667	1689	1.39	cps
Zirconium	90-1	475	450	325	417	19.29	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-02	Instrumnet Name :	P8
Client Sample ID :	S32-0657MS	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 19:58:06	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	133	150	133	12.50	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:01:43	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24388	25933	26175	25499	3.80	cps
Antimony	121-1	9529	8553	8578	8887	6.26	cps
Arsenic	75-2	326	358	335	340	4.86	cps
Barium	135-1	17879	19732	19381	18997	5.18	cps
Barium	137-1	33551	35197	32791	33847	3.63	cps
Beryllium	9-1	28	17	28	24	26.64	cps
Bismuth	209-1	3266433	3302887	3300574	3289964	0.62	cps
Bismuth	209-2	1185373	1244450	1348510	1259445	6.56	cps
Boron	10-1	900	783	908	864	8.09	cps
Boron	11-1	3959	4351	4317	4209	5.16	cps
Cadmium	111-1	576	633	710	640	10.49	cps
Cadmium	106-1	808	900	1000	903	10.62	cps
Cadmium	108-1	21	25	33	26	24.12	cps
Calcium	43-1	2015765	2015956	1966278	1999333	1.43	cps
Calcium	44-1	31979388	31963822	31865268	31936159	0.19	cps
Chromium	52-2	2390	2477	2560	2476	3.43	cps
Cobalt	59-2	307	330	383	340	11.56	cps
Copper	63-2	7599	7746	7602	7649	1.10	cps
Dysprosium	156-1	17	42	42	33	43.30	cps
Dysprosium	156-2	7	3	17	9	78.08	cps
Erbium	164-1	50	25	33	36	35.25	cps
Erbium	164-2	17	13	7	12	41.65	cps
Gadolinium	160-1	50	58	25	44	39.03	cps
Gadolinium	160-2	20	7	7	11	69.25	cps
Holmium	165-1	5176496	5160754	5179489	5172246	0.19	cps
Holmium	165-2	1761821	1873188	2031712	1888907	7.18	cps
Indium	115-1	3843222	3878419	3903529	3875056	0.78	cps
Indium	115-2	453091	474820	521711	483207	7.26	cps
Iron	56-2	56899	60174	59845	58973	3.06	cps
Iron	57-2	1395	1728	1650	1591	10.96	cps
Lead	206-1	1128	1017	1033	1059	5.66	cps
Lead	207-1	800	1028	1000	943	13.18	cps
Lead	208-1	4073	4200	4200	4158	1.77	cps
Lithium	6-1	495490	498051	506574	500038	1.16	cps
Magnesium	24-2	2671018	2797323	2842947	2770429	3.21	cps
Manganese	55-2	727	657	703	696	5.12	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:01:43	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	48319	49875	49883	49359	1.82	cps
Molybdenum	95-1	85895	86164	87573	86544	1.04	cps
Molybdenum	96-1	90995	92690	93839	92508	1.55	cps
Molybdenum	97-1	54468	54778	54652	54633	0.28	cps
Molybdenum	98-1	139855	141110	140808	140591	0.47	cps
Neodymium	150-1	67	33	53	51	32.83	cps
Neodymium	150-2	7	23	0	10	120.16	cps
Nickel	60-2	6588	6945	6968	6834	3.12	cps
Phosphorus	31-2	175	292	117	194	45.83	cps
Potassium	39-2	247320	264426	268185	259977	4.28	cps
Rhodium	103-1	3405372	3456710	3521443	3461175	1.68	cps
Rhodium	103-2	1411684	1478782	1618839	1503102	7.03	cps
Scandium	45-1	1759465	1797684	1819362	1792170	1.69	cps
Scandium	45-2	64745	69028	74974	69583	7.38	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	11	13	11	12	9.90	cps
Selenium	82-1	115	128	0	81	87.24	cps
Silicon	28-1	3980922	4003509	3935176	3973202	0.88	cps
Silver	109-1	350	308	417	358	15.25	cps
Silver	107-1	442	375	367	394	10.42	cps
Sodium	23-2	13345008	14025165	13968569	13779581	2.74	cps
Strontium	86-1	341390	342865	344437	342897	0.44	cps
Strontium	88-1	3000724	3027071	3024750	3017515	0.48	cps
Sulfur	34-1	191539	187908	189604	189684	0.96	cps
Terbium	159-1	5296999	5387544	5406125	5363556	1.09	cps
Terbium	159-2	1777424	1841255	2007651	1875443	6.34	cps
Thallium	203-1	192	158	100	150	30.93	cps
Thallium	205-1	325	317	308	317	2.63	cps
Tin	118-1	2275	2267	2134	2225	3.57	cps
Titanium	47-1	1217	1217	908	1114	15.98	cps
Uranium	238-1	367	483	450	433	13.87	cps
Vanadium	51-2	5191	5361	5501	5351	2.90	cps
Yttrium	89-1	3967475	3985196	4041989	3998220	0.97	cps
Yttrium	89-2	363229	379822	416781	386611	7.09	cps
Zinc	66-2	1853	1833	1937	1875	2.92	cps
Zirconium	90-1	642	550	575	589	8.05	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-03	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:01:43	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	150	83	103	40.00	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0657A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:05:20	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24521	26216	27360	26033	5.49	cps
Antimony	121-1	8428	8745	8345	8506	2.48	cps
Arsenic	75-2	317	358	361	345	7.12	cps
Barium	135-1	19723	19665	19990	19793	0.88	cps
Barium	137-1	32707	33802	33785	33431	1.88	cps
Beryllium	9-1	33	22	28	28	20.00	cps
Bismuth	209-1	3323206	3327336	3362193	3337578	0.64	cps
Bismuth	209-2	1194762	1248214	1258905	1233960	2.78	cps
Boron	10-1	683	767	767	739	6.51	cps
Boron	11-1	3676	3934	3842	3817	3.43	cps
Cadmium	111-1	638	675	735	683	7.24	cps
Cadmium	106-1	883	917	992	931	5.96	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	2014176	2037728	2021789	2024565	0.59	cps
Calcium	44-1	31107062	32625732	32092317	31941704	2.41	cps
Chromium	52-2	2327	2507	2344	2392	4.16	cps
Cobalt	59-2	327	400	533	420	24.95	cps
Copper	63-2	7449	8016	8363	7942	5.81	cps
Dysprosium	156-1	17	42	33	31	41.66	cps
Dysprosium	156-2	7	23	37	22	67.63	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	23	17	10	17	39.99	cps
Gadolinium	160-1	50	92	33	58	51.51	cps
Gadolinium	160-2	30	10	10	17	69.28	cps
Holmium	165-1	5254379	5359958	5320844	5311727	1.00	cps
Holmium	165-2	1769205	1872136	1890848	1844063	3.55	cps
Indium	115-1	3870374	4005673	4002230	3959426	1.95	cps
Indium	115-2	451871	476297	488982	472383	3.99	cps
Iron	56-2	59930	61942	62305	61393	2.08	cps
Iron	57-2	1645	1650	1778	1691	4.46	cps
Lead	206-1	3356	3712	3300	3456	6.46	cps
Lead	207-1	2839	2667	2656	2721	3.78	cps
Lead	208-1	13108	13097	12931	13045	0.76	cps
Lithium	6-1	498166	502133	505748	502016	0.76	cps
Magnesium	24-2	2659230	2809658	2885172	2784687	4.13	cps
Manganese	55-2	753	730	783	756	3.54	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0657A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:05:20	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	49649	49842	50603	50031	1.01	cps
Molybdenum	95-1	86038	89711	88647	88132	2.14	cps
Molybdenum	96-1	92874	94661	94663	94066	1.10	cps
Molybdenum	97-1	55606	55899	56007	55837	0.37	cps
Molybdenum	98-1	138104	140723	143268	140698	1.84	cps
Neodymium	150-1	40	73	53	56	30.21	cps
Neodymium	150-2	17	20	13	17	20.01	cps
Nickel	60-2	6678	6992	7195	6955	3.74	cps
Phosphorus	31-2	217	242	175	211	15.95	cps
Potassium	39-2	250452	263273	269595	261106	3.74	cps
Rhodium	103-1	3500937	3530236	3533172	3521448	0.51	cps
Rhodium	103-2	1414498	1487054	1539441	1480331	4.24	cps
Scandium	45-1	1736330	1812609	1805073	1784671	2.36	cps
Scandium	45-2	65665	68352	70937	68318	3.86	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	10	18	13	14	29.57	cps
Selenium	82-1	33	47	65	48	32.94	cps
Silicon	28-1	3958161	4032042	3926881	3972361	1.36	cps
Silver	109-1	158	158	200	172	13.97	cps
Silver	107-1	283	192	200	225	22.53	cps
Sodium	23-2	13320672	14116543	14423022	13953412	4.08	cps
Strontium	86-1	341394	344913	348918	345075	1.09	cps
Strontium	88-1	3003030	3029186	3078906	3037041	1.27	cps
Sulfur	34-1	191791	190544	190762	191032	0.35	cps
Terbium	159-1	5417737	5467378	5540955	5475357	1.13	cps
Terbium	159-2	1770667	1878808	1865444	1838306	3.21	cps
Thallium	203-1	75	133	83	97	32.45	cps
Thallium	205-1	275	333	167	258	32.74	cps
Tin	118-1	2759	2992	2800	2850	4.37	cps
Titanium	47-1	1225	1125	942	1097	13.10	cps
Uranium	238-1	567	475	400	481	17.37	cps
Vanadium	51-2	5064	5308	5761	5378	6.58	cps
Yttrium	89-1	3970914	4092816	4064859	4042863	1.58	cps
Yttrium	89-2	358934	380546	393755	377745	4.65	cps
Zinc	66-2	1990	1970	2200	2054	6.21	cps
Zirconium	90-1	575	542	525	547	4.65	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01A	Instrumnet Name :	P8
Client Sample ID :	S32-0657A	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:05:20	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	167	100	150	139	24.98	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0652	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:08:57	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	317	233	261	18.43	cps
Antimony	121-1	5176	4793	4584	4851	6.19	cps
Arsenic	75-2	2411	2608	2667	2562	5.21	cps
Barium	135-1	31513	31922	31889	31775	0.72	cps
Barium	137-1	53441	54203	56295	54646	2.70	cps
Beryllium	9-1	33	33	33	33	0.00	cps
Bismuth	209-1	3358008	3380438	3421096	3386514	0.94	cps
Bismuth	209-2	1207066	1253487	1270158	1243570	2.63	cps
Boron	10-1	2817	3250	2984	3017	7.25	cps
Boron	11-1	13440	14358	14875	14224	5.11	cps
Cadmium	111-1	700	742	729	723	2.98	cps
Cadmium	106-1	1000	1058	1033	1031	2.84	cps
Cadmium	108-1	13	17	4	11	57.27	cps
Calcium	43-1	442153	446470	449778	446134	0.86	cps
Calcium	44-1	7251778	7166871	7204966	7207872	0.59	cps
Chromium	52-2	643	750	740	711	8.28	cps
Cobalt	59-2	663	647	843	718	15.19	cps
Copper	63-2	1867	2150	2010	2009	7.05	cps
Dysprosium	156-1	50	42	67	53	24.12	cps
Dysprosium	156-2	40	10	10	20	86.60	cps
Erbium	164-1	58	67	58	61	7.88	cps
Erbium	164-2	17	40	3	20	92.80	cps
Gadolinium	160-1	33	117	50	67	66.15	cps
Gadolinium	160-2	20	27	40	29	35.25	cps
Holmium	165-1	5226111	5326172	5331241	5294508	1.12	cps
Holmium	165-2	1773887	1833947	1903448	1837094	3.53	cps
Indium	115-1	3895701	3936538	4052842	3961694	2.06	cps
Indium	115-2	448381	472270	483275	467976	3.81	cps
Iron	56-2	412366	437731	450811	433636	4.51	cps
Iron	57-2	10721	10871	11416	11003	3.32	cps
Lead	206-1	328	256	322	302	13.32	cps
Lead	207-1	172	228	167	189	17.89	cps
Lead	208-1	1078	1133	1028	1080	4.89	cps
Lithium	6-1	491219	490823	498634	493559	0.89	cps
Magnesium	24-2	1141022	1179637	1209972	1176877	2.94	cps
Manganese	55-2	324985	345787	356812	342528	4.72	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0652	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:08:57	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14959	15017	15334	15103	1.34	cps
Molybdenum	95-1	25366	25816	25408	25530	0.98	cps
Molybdenum	96-1	27345	27729	27687	27587	0.76	cps
Molybdenum	97-1	16143	16193	16861	16399	2.44	cps
Molybdenum	98-1	41447	41840	41447	41578	0.55	cps
Neodymium	150-1	87	33	100	73	48.11	cps
Neodymium	150-2	23	40	27	30	29.40	cps
Nickel	60-2	337	330	447	371	17.66	cps
Phosphorus	31-2	225	208	267	233	12.88	cps
Potassium	39-2	506612	539079	550513	532068	4.28	cps
Rhodium	103-1	3496632	3570322	3624860	3563938	1.81	cps
Rhodium	103-2	1414511	1480720	1527573	1474268	3.85	cps
Scandium	45-1	1819738	1838325	1786629	1814897	1.44	cps
Scandium	45-2	63181	66690	69454	66442	4.73	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	11	12	12	12	4.95	cps
Selenium	82-1	7	13	-1	6	107.42	cps
Silicon	28-1	6664936	6785574	6827950	6759487	1.25	cps
Silver	109-1	175	175	183	178	2.71	cps
Silver	107-1	158	158	133	150	9.62	cps
Sodium	23-2	8013398	8281411	8537487	8277432	3.17	cps
Strontium	86-1	504324	505969	519607	509966	1.65	cps
Strontium	88-1	4447804	4485106	4498924	4477278	0.59	cps
Sulfur	34-1	320424	319900	312016	317447	1.48	cps
Terbium	159-1	5331404	5460410	5450773	5414196	1.33	cps
Terbium	159-2	1803005	1843697	1877308	1841337	2.02	cps
Thallium	203-1	58	8	67	44	70.99	cps
Thallium	205-1	117	108	125	117	7.14	cps
Tin	118-1	1850	1708	2225	1928	13.85	cps
Titanium	47-1	642	4789	700	2044	116.35	cps
Uranium	238-1	38009	37533	38778	38107	1.65	cps
Vanadium	51-2	363	343	453	387	15.15	cps
Yttrium	89-1	4021021	4068026	4036727	4041925	0.59	cps
Yttrium	89-2	354413	370172	384629	369738	4.09	cps
Zinc	66-2	917	920	943	927	1.57	cps
Zirconium	90-1	575	633	442	550	17.86	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-04	Instrumnet Name :	P8
Client Sample ID :	S32-0652	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:08:57	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150	192	142	161	16.63	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-05	Instrumnet Name :	P8
Client Sample ID :	S32-0653	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:12:35	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	375	325	322	16.83	cps
Antimony	121-1	5168	5209	4968	5115	2.53	cps
Arsenic	75-2	2373	2564	2618	2518	5.09	cps
Barium	135-1	31054	31805	31906	31588	1.47	cps
Barium	137-1	54487	56128	55357	55324	1.48	cps
Beryllium	9-1	39	22	33	31	26.96	cps
Bismuth	209-1	3408504	3455476	3472895	3445625	0.97	cps
Bismuth	209-2	1207938	1247922	1295530	1250463	3.51	cps
Boron	10-1	3000	2792	3167	2987	6.29	cps
Boron	11-1	14491	14625	14841	14652	1.21	cps
Cadmium	111-1	713	617	673	668	7.22	cps
Cadmium	106-1	1000	883	958	947	6.24	cps
Cadmium	108-1	0	8	8	6	86.60	cps
Calcium	43-1	439651	449623	445643	444972	1.13	cps
Calcium	44-1	7033351	7039868	7195639	7089620	1.30	cps
Chromium	52-2	623	660	800	694	13.43	cps
Cobalt	59-2	647	790	810	749	11.90	cps
Copper	63-2	1903	2040	2034	1992	3.87	cps
Dysprosium	156-1	25	67	50	47	44.41	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	50	108	108	89	37.89	cps
Erbium	164-2	40	13	33	29	48.05	cps
Gadolinium	160-1	50	58	75	61	20.83	cps
Gadolinium	160-2	23	20	27	23	14.29	cps
Holmium	165-1	5287802	5310654	5362536	5320331	0.72	cps
Holmium	165-2	1781537	1845634	1918391	1848521	3.70	cps
Indium	115-1	3947485	4036953	4004161	3996200	1.13	cps
Indium	115-2	445310	472332	485794	467812	4.41	cps
Iron	56-2	407717	429838	439836	425797	3.86	cps
Iron	57-2	10215	11010	10904	10710	4.03	cps
Lead	206-1	344	228	300	291	20.25	cps
Lead	207-1	256	233	233	241	5.33	cps
Lead	208-1	1239	972	1006	1072	13.55	cps
Lithium	6-1	493429	492199	493739	493122	0.17	cps
Magnesium	24-2	1113959	1173623	1228720	1172101	4.90	cps
Manganese	55-2	327142	345939	354603	342561	4.10	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-05	Instrumnet Name :	P8
Client Sample ID :	S32-0653	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:12:35	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	15092	14575	14967	14878	1.81	cps
Molybdenum	95-1	25700	27069	25650	26140	3.08	cps
Molybdenum	96-1	27921	27420	27353	27565	1.13	cps
Molybdenum	97-1	16085	16360	16811	16419	2.23	cps
Molybdenum	98-1	42258	41447	42668	42124	1.47	cps
Neodymium	150-1	87	13	73	58	67.61	cps
Neodymium	150-2	13	23	30	22	37.76	cps
Nickel	60-2	293	393	300	329	17.00	cps
Phosphorus	31-2	342	200	250	264	27.23	cps
Potassium	39-2	502435	540471	552737	531881	4.93	cps
Rhodium	103-1	3587099	3575106	3590993	3584399	0.23	cps
Rhodium	103-2	1414064	1491826	1548397	1484762	4.54	cps
Scandium	45-1	1799097	1805439	1820378	1808304	0.60	cps
Scandium	45-2	63482	68023	69527	67011	4.70	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	8	9	12	10	21.53	cps
Selenium	82-1	80	9	72	54	72.94	cps
Silicon	28-1	6653463	6759350	6656263	6689692	0.90	cps
Silver	109-1	125	92	92	103	18.72	cps
Silver	107-1	200	167	125	164	22.93	cps
Sodium	23-2	7883615	8228875	8442219	8184903	3.44	cps
Strontium	86-1	505446	506480	506456	506127	0.12	cps
Strontium	88-1	4417148	4468204	4527147	4470833	1.23	cps
Sulfur	34-1	312083	312187	309602	311291	0.47	cps
Terbium	159-1	5507434	5510727	5614844	5544335	1.10	cps
Terbium	159-2	1748376	1850033	1886904	1828438	3.92	cps
Thallium	203-1	50	42	42	44	10.82	cps
Thallium	205-1	117	75	125	106	25.38	cps
Tin	118-1	2000	1934	2075	2003	3.54	cps
Titanium	47-1	642	567	642	617	7.02	cps
Uranium	238-1	37332	39029	38695	38352	2.34	cps
Vanadium	51-2	360	353	380	364	3.81	cps
Yttrium	89-1	4005635	4098381	4044899	4049639	1.15	cps
Yttrium	89-2	355658	374635	387292	372529	4.27	cps
Zinc	66-2	873	993	993	953	7.27	cps
Zirconium	90-1	500	525	533	519	3.34	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-05	Instrumnet Name :	P8
Client Sample ID :	S32-0653	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:12:35	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	158	92	128	26.36	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-06	Instrumnet Name :	P8
Client Sample ID :	S32-0654	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:16:12	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	758	742	650	717	8.14	cps
Antimony	121-1	5568	4959	4709	5079	8.70	cps
Arsenic	75-2	1297	1394	1507	1400	7.51	cps
Barium	135-1	71199	71668	73587	72151	1.75	cps
Barium	137-1	123243	125253	127694	125397	1.78	cps
Beryllium	9-1	39	17	11	22	66.14	cps
Bismuth	209-1	3439580	3500557	3491306	3477147	0.95	cps
Bismuth	209-2	1183384	1210610	1288198	1227397	4.43	cps
Boron	10-1	1358	1367	1300	1342	2.71	cps
Boron	11-1	6777	6552	6702	6677	1.72	cps
Cadmium	111-1	686	697	642	675	4.34	cps
Cadmium	106-1	958	958	883	933	4.64	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	620782	629067	632056	627302	0.93	cps
Calcium	44-1	9919278	9886677	10015021	9940325	0.67	cps
Chromium	52-2	907	913	917	912	0.56	cps
Cobalt	59-2	3027	3200	3497	3242	7.33	cps
Copper	63-2	3037	3214	3344	3198	4.81	cps
Dysprosium	156-1	100	100	92	97	4.95	cps
Dysprosium	156-2	17	23	47	29	54.53	cps
Erbium	164-1	117	100	117	111	8.66	cps
Erbium	164-2	33	30	30	31	6.18	cps
Gadolinium	160-1	83	125	108	106	19.86	cps
Gadolinium	160-2	47	53	30	43	27.73	cps
Holmium	165-1	5307194	5407878	5453964	5389679	1.39	cps
Holmium	165-2	1727788	1773056	1879751	1793532	4.35	cps
Indium	115-1	3931500	4023978	4003380	3986286	1.22	cps
Indium	115-2	436625	445978	476429	453011	4.59	cps
Iron	56-2	6920691	7503186	7560687	7328188	4.83	cps
Iron	57-2	172397	182730	187750	180959	4.33	cps
Lead	206-1	461	533	478	491	7.71	cps
Lead	207-1	467	406	506	459	10.98	cps
Lead	208-1	1900	2183	2167	2083	7.63	cps
Lithium	6-1	482779	486712	484752	484747	0.41	cps
Magnesium	24-2	372848	395371	396289	388169	3.42	cps
Manganese	55-2	493119	525065	530536	516240	3.91	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-06	Instrumnet Name :	P8
Client Sample ID :	S32-0654	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:16:12	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1934	2159	2134	2075	5.94	cps
Molybdenum	95-1	3225	3217	3601	3348	6.54	cps
Molybdenum	96-1	3651	3609	3617	3626	0.61	cps
Molybdenum	97-1	2175	1909	2392	2159	11.22	cps
Molybdenum	98-1	5276	5293	5743	5437	4.87	cps
Neodymium	150-1	167	180	133	160	15.02	cps
Neodymium	150-2	40	37	20	32	33.25	cps
Nickel	60-2	2180	2254	2450	2295	6.09	cps
Phosphorus	31-2	250	225	133	203	30.29	cps
Potassium	39-2	326224	345826	352548	341533	4.00	cps
Rhodium	103-1	3541766	3613725	3632201	3595898	1.33	cps
Rhodium	103-2	1391511	1411460	1525612	1442861	5.01	cps
Scandium	45-1	1788500	1793505	1831767	1804591	1.31	cps
Scandium	45-2	62135	64119	67739	64664	4.39	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	8	10	8	9	13.32	cps
Selenium	82-1	44	38	7	30	67.61	cps
Silicon	28-1	5709480	5764084	5606076	5693213	1.41	cps
Silver	109-1	183	192	175	183	4.54	cps
Silver	107-1	125	117	142	128	9.96	cps
Sodium	23-2	4140790	4416887	4438495	4332057	3.83	cps
Strontium	86-1	753707	764547	769797	762684	1.08	cps
Strontium	88-1	6588603	6729671	6743441	6687238	1.28	cps
Sulfur	34-1	330483	327783	324849	327705	0.86	cps
Terbium	159-1	5477621	5564891	5524593	5522368	0.79	cps
Terbium	159-2	1693541	1766192	1890988	1783574	5.60	cps
Thallium	203-1	117	100	83	100	16.66	cps
Thallium	205-1	233	233	192	219	10.96	cps
Tin	118-1	1992	2092	2117	2067	3.20	cps
Titanium	47-1	892	600	842	778	20.05	cps
Uranium	238-1	10213	10205	9654	10024	3.19	cps
Vanadium	51-2	560	597	543	567	4.82	cps
Yttrium	89-1	3984364	4116662	4101724	4067583	1.78	cps
Yttrium	89-2	345843	352497	377492	358611	4.65	cps
Zinc	66-2	1297	1400	1580	1426	10.06	cps
Zirconium	90-1	600	700	625	642	8.11	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-06	Instrumnet Name :	P8
Client Sample ID :	S32-0654	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:16:12	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	117	92	111	15.61	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-08	Instrumnet Name :	P8
Client Sample ID :	S32-ER-2019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:19:49	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	67	75	72	6.66	cps
Antimony	121-1	5093	5193	4584	4957	6.58	cps
Arsenic	75-2	26	26	32	28	12.37	cps
Barium	135-1	58	125	42	75	58.79	cps
Barium	137-1	58	75	50	61	20.83	cps
Beryllium	9-1	67	17	6	30	109.85	cps
Bismuth	209-1	3629449	3065128	3499015	3397864	8.70	cps
Bismuth	209-2	1237221	1274663	1321474	1277786	3.30	cps
Boron	10-1	475	542	442	486	10.48	cps
Boron	11-1	2150	2017	2125	2097	3.38	cps
Cadmium	111-1	625	535	652	604	10.13	cps
Cadmium	106-1	892	758	925	858	10.28	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	833	867	750	817	7.36	cps
Calcium	44-1	14908	15267	15467	15214	1.86	cps
Chromium	52-2	570	680	660	637	9.20	cps
Cobalt	59-2	33	40	23	32	26.04	cps
Copper	63-2	2260	2224	2530	2338	7.16	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	17	50	28	69.27	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	33	42	33	36	13.33	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	5614002	4724095	5399937	5246012	8.85	cps
Holmium	165-2	1747281	1853088	1897582	1832650	4.21	cps
Indium	115-1	4196387	3589777	4016294	3934153	7.92	cps
Indium	115-2	452572	474663	484447	470561	3.47	cps
Iron	56-2	2645	2806	2850	2767	3.91	cps
Iron	57-2	78	78	50	69	23.41	cps
Lead	206-1	239	206	250	231	9.99	cps
Lead	207-1	183	167	194	181	7.70	cps
Lead	208-1	839	1000	933	924	8.76	cps
Lithium	6-1	476520	426770	468104	457131	5.83	cps
Magnesium	24-2	158	167	183	169	7.51	cps
Manganese	55-2	130	123	67	107	32.62	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-08	Instrumnet Name :	P8
Client Sample ID :	S32-ER-2019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:19:49	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	125	167	125	139	17.32	cps
Molybdenum	95-1	50	25	67	47	44.41	cps
Molybdenum	96-1	108	83	108	100	14.43	cps
Molybdenum	97-1	100	92	83	92	9.09	cps
Molybdenum	98-1	50	42	133	75	67.59	cps
Neodymium	150-1	0	7	27	11	124.89	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	40	37	47	41	12.39	cps
Phosphorus	31-2	142	250	217	203	27.36	cps
Potassium	39-2	8753	8945	9462	9053	4.05	cps
Rhodium	103-1	3843622	3249726	3681922	3591757	8.55	cps
Rhodium	103-2	1465711	1526775	1579332	1523939	3.73	cps
Scandium	45-1	1837548	1583883	1730492	1717308	7.42	cps
Scandium	45-2	63670	67594	69949	67071	4.73	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	10	8	10	9	12.37	cps
Selenium	82-1	49	-72	31	3	2524.04	cps
Silicon	28-1	815627	815120	815052	815266	0.04	cps
Silver	109-1	50	58	67	58	14.29	cps
Silver	107-1	58	142	142	114	42.25	cps
Sodium	23-2	10045	10437	10537	10340	2.51	cps
Strontium	86-1	600	525	575	567	6.74	cps
Strontium	88-1	1684	1517	1508	1570	6.29	cps
Sulfur	34-1	134728	135964	133297	134663	0.99	cps
Terbium	159-1	5776262	5022294	5542307	5446954	7.09	cps
Terbium	159-2	1754847	1856244	1891492	1834194	3.87	cps
Thallium	203-1	8	50	8	22	108.27	cps
Thallium	205-1	125	92	67	94	30.98	cps
Tin	118-1	1642	1625	1683	1650	1.82	cps
Titanium	47-1	408	375	392	392	4.25	cps
Uranium	238-1	33	42	8	28	62.46	cps
Vanadium	51-2	90	60	157	102	48.40	cps
Yttrium	89-1	4201555	3563017	4051505	3938692	8.48	cps
Yttrium	89-2	356900	376098	383005	372001	3.64	cps
Zinc	66-2	1207	1250	1197	1218	2.33	cps
Zirconium	90-1	350	275	267	297	15.44	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-08	Instrumnet Name :	P8
Client Sample ID :	S32-ER-2019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:19:49	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	25	83	75	61.86	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:23:28	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5385	6227	5935	5849	7.31	cps
Antimony	121-1	1900	1859	1992	1917	3.56	cps
Arsenic	75-2	76	75	77	76	1.32	cps
Barium	135-1	4626	4409	4151	4395	5.41	cps
Barium	137-1	7352	7477	7711	7513	2.42	cps
Beryllium	9-1	6	39	22	22	74.99	cps
Bismuth	209-1	3583505	3534570	3337578	3485218	3.74	cps
Bismuth	209-2	1303338	1354400	1392650	1350129	3.32	cps
Boron	10-1	400	367	408	392	5.63	cps
Boron	11-1	2000	1892	1834	1909	4.43	cps
Cadmium	111-1	735	707	752	731	3.14	cps
Cadmium	106-1	1058	992	1067	1039	3.96	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	385239	386637	385340	385738	0.20	cps
Calcium	44-1	6162326	6163958	6198082	6174789	0.33	cps
Chromium	52-2	573	523	593	563	6.40	cps
Cobalt	59-2	63	100	83	82	22.33	cps
Copper	63-2	2037	1897	2020	1985	3.85	cps
Dysprosium	156-1	42	8	42	31	62.99	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	42	58	25	42	40.00	cps
Gadolinium	160-2	7	10	27	14	74.18	cps
Holmium	165-1	5582828	5637858	5248999	5489895	3.83	cps
Holmium	165-2	1879956	1965174	2053031	1966054	4.40	cps
Indium	115-1	4332948	4361403	4062906	4252419	3.87	cps
Indium	115-2	502558	523254	543263	523025	3.89	cps
Iron	56-2	10532	10654	10960	10715	2.06	cps
Iron	57-2	244	250	261	252	3.37	cps
Lead	206-1	161	200	150	170	15.41	cps
Lead	207-1	178	150	150	159	10.07	cps
Lead	208-1	733	617	678	676	8.63	cps
Lithium	6-1	546309	539536	498262	528036	4.93	cps
Magnesium	24-2	975	958	1367	1100	21.01	cps
Manganese	55-2	143	160	157	153	5.75	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:23:28	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11172	11864	11222	11419	3.38	cps
Molybdenum	95-1	19005	19423	20157	19528	2.99	cps
Molybdenum	96-1	20825	21075	21634	21178	1.96	cps
Molybdenum	97-1	12531	12681	12064	12425	2.59	cps
Molybdenum	98-1	31178	31412	32723	31771	2.62	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1357	1517	1507	1460	6.14	cps
Phosphorus	31-2	208	225	183	206	10.20	cps
Potassium	39-2	62163	66197	68516	65625	4.90	cps
Rhodium	103-1	4034175	3959132	3715608	3902972	4.27	cps
Rhodium	103-2	1563301	1637625	1695718	1632214	4.07	cps
Scandium	45-1	2190518	2151534	1995695	2112583	4.88	cps
Scandium	45-2	71675	76168	77921	75254	4.28	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	13	13	9	12	19.79	cps
Selenium	82-1	16	-55	10	-10	-405.78	cps
Silicon	28-1	1741634	1719650	1721203	1727496	0.71	cps
Silver	109-1	25	75	25	42	69.28	cps
Silver	107-1	67	25	58	50	44.10	cps
Sodium	23-2	1532018	1588420	1662582	1594340	4.11	cps
Strontium	86-1	78223	78274	79405	78634	0.85	cps
Strontium	88-1	679212	688670	696610	688164	1.27	cps
Sulfur	34-1	172338	174599	172735	173224	0.70	cps
Terbium	159-1	5892512	5864762	5391167	5716147	4.93	cps
Terbium	159-2	1892723	1967188	2023790	1961233	3.35	cps
Thallium	203-1	42	50	17	36	48.03	cps
Thallium	205-1	67	67	58	64	7.53	cps
Tin	118-1	467	375	458	433	11.70	cps
Titanium	47-1	567	642	642	617	7.02	cps
Uranium	238-1	58	83	67	69	18.33	cps
Vanadium	51-2	1160	1223	1293	1226	5.44	cps
Yttrium	89-1	4548884	4459993	4175118	4394665	4.44	cps
Yttrium	89-2	395912	415912	428868	413564	4.01	cps
Zinc	66-2	323	330	337	330	2.02	cps
Zirconium	90-1	600	642	783	675	14.24	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:23:28	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	142	100	119	17.56	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:27:05	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5810	5551	6352	5904	6.92	cps
Antimony	121-1	1692	1492	2059	1747	16.45	cps
Arsenic	75-2	67	63	74	68	8.19	cps
Barium	135-1	4209	4034	4234	4159	2.62	cps
Barium	137-1	7744	7844	7477	7689	2.47	cps
Beryllium	9-1	17	11	28	19	45.83	cps
Bismuth	209-1	3498116	3453934	3655753	3535934	3.00	cps
Bismuth	209-2	1304713	1349233	1357651	1337199	2.13	cps
Boron	10-1	375	292	375	347	13.86	cps
Boron	11-1	1650	1750	1750	1717	3.36	cps
Cadmium	111-1	840	710	637	729	14.10	cps
Cadmium	106-1	1217	1025	917	1053	14.43	cps
Cadmium	108-1	17	17	13	15	15.76	cps
Calcium	43-1	389862	385251	383562	386225	0.84	cps
Calcium	44-1	6206509	6227902	6078234	6170882	1.31	cps
Chromium	52-2	457	580	533	523	11.90	cps
Cobalt	59-2	107	90	100	99	8.48	cps
Copper	63-2	1903	2057	2047	2002	4.28	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	8	0	50	19	137.78	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	42	25	42	36	26.65	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	5440366	5398882	5810075	5549775	4.08	cps
Holmium	165-2	1926971	1988556	1993441	1969656	1.88	cps
Indium	115-1	4243608	4243469	4543989	4343689	3.99	cps
Indium	115-2	504851	524190	534736	521259	2.91	cps
Iron	56-2	9954	10354	11110	10473	5.61	cps
Iron	57-2	267	317	333	306	11.35	cps
Lead	206-1	161	128	139	143	11.91	cps
Lead	207-1	100	122	150	124	20.19	cps
Lead	208-1	589	500	594	561	9.44	cps
Lithium	6-1	542230	541759	566652	550214	2.59	cps
Magnesium	24-2	1017	1117	1158	1097	6.64	cps
Manganese	55-2	110	143	137	130	13.57	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:27:05	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11163	11489	11897	11516	3.19	cps
Molybdenum	95-1	18897	19932	19456	19428	2.67	cps
Molybdenum	96-1	20583	21259	20600	20814	1.85	cps
Molybdenum	97-1	12323	12064	12089	12159	1.17	cps
Molybdenum	98-1	30201	31746	30710	30886	2.55	cps
Neodymium	150-1	0	27	7	11	124.89	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	1283	1490	1597	1457	10.94	cps
Phosphorus	31-2	183	183	192	186	2.59	cps
Potassium	39-2	65402	67989	69831	67741	3.28	cps
Rhodium	103-1	3883792	3897402	4150213	3977135	3.77	cps
Rhodium	103-2	1593819	1666356	1637998	1632724	2.24	cps
Scandium	45-1	2096399	2138600	2333646	2189548	5.78	cps
Scandium	45-2	73125	76667	77589	75794	3.11	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	8	10	7	8	18.33	cps
Selenium	82-1	-75	1	34	-14	-408.80	cps
Silicon	28-1	1755201	1831329	1758347	1781626	2.42	cps
Silver	109-1	17	83	33	44	78.07	cps
Silver	107-1	17	58	67	47	56.72	cps
Sodium	23-2	1589595	1619772	1687881	1632416	3.08	cps
Strontium	86-1	77042	78827	76698	77522	1.47	cps
Strontium	88-1	681127	679054	675705	678629	0.40	cps
Sulfur	34-1	176170	172347	172954	173823	1.18	cps
Terbium	159-1	5725183	5613752	6105426	5814787	4.43	cps
Terbium	159-2	1919564	1976609	1945542	1947238	1.47	cps
Thallium	203-1	83	50	17	50	66.67	cps
Thallium	205-1	58	75	50	61	20.83	cps
Tin	118-1	350	375	425	383	9.96	cps
Titanium	47-1	575	633	700	636	9.83	cps
Uranium	238-1	42	67	58	56	22.91	cps
Vanadium	51-2	1260	1250	1333	1281	3.55	cps
Yttrium	89-1	4380442	4402736	4722189	4501789	4.25	cps
Yttrium	89-2	399923	415804	422284	412670	2.79	cps
Zinc	66-2	347	353	390	363	6.42	cps
Zirconium	90-1	300	383	367	350	12.60	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:27:05	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	75	67	67	12.49	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	S32-0657LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-25 20:30:42	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1342	1142	1233	1239	8.08	cps
Antimony	121-1	367	250	308	308	18.92	cps
Arsenic	75-2	17	23	8	16	47.19	cps
Barium	135-1	925	942	825	897	7.03	cps
Barium	137-1	1508	1442	1342	1431	5.86	cps
Beryllium	9-1	33	11	11	19	69.28	cps
Bismuth	209-1	2993211	3242112	3394499	3209941	6.31	cps
Bismuth	209-2	1312935	1345068	1383425	1347142	2.62	cps
Boron	10-1	217	150	250	206	24.77	cps
Boron	11-1	1342	1167	1292	1267	7.12	cps
Cadmium	111-1	683	728	648	686	5.85	cps
Cadmium	106-1	983	1033	925	981	5.53	cps
Cadmium	108-1	8	0	0	3	173.21	cps
Calcium	43-1	82265	80472	82986	81908	1.58	cps
Calcium	44-1	1342578	1377154	1331930	1350554	1.75	cps
Chromium	52-2	520	503	443	489	8.25	cps
Cobalt	59-2	27	53	33	38	36.73	cps
Copper	63-2	670	693	673	679	1.86	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	50	17	28	69.27	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	8	17	17	14	34.67	cps
Gadolinium	160-2	13	13	7	11	34.61	cps
Holmium	165-1	4752259	5179247	5271367	5067624	5.47	cps
Holmium	165-2	1909050	1996840	2079681	1995190	4.28	cps
Indium	115-1	3755702	4106053	4266308	4042688	6.46	cps
Indium	115-2	519887	544806	557261	540651	3.52	cps
Iron	56-2	3073	3506	3339	3306	6.61	cps
Iron	57-2	150	78	117	115	31.48	cps
Lead	206-1	156	139	89	128	27.15	cps
Lead	207-1	117	94	100	104	11.15	cps
Lead	208-1	556	511	461	509	9.28	cps
Lithium	6-1	518183	571435	591787	560468	6.78	cps
Magnesium	24-2	250	258	333	281	16.36	cps
Manganese	55-2	47	67	43	52	24.17	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	S32-0657LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-25 20:30:42	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2142	2392	2225	2253	5.65	cps
Molybdenum	95-1	3801	3701	3842	3781	1.93	cps
Molybdenum	96-1	4084	4576	4117	4259	6.45	cps
Molybdenum	97-1	2250	2717	2667	2545	10.07	cps
Molybdenum	98-1	6443	6260	5993	6232	3.63	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	307	343	273	308	11.38	cps
Phosphorus	31-2	167	258	325	250	31.80	cps
Potassium	39-2	20273	20198	22543	21005	6.35	cps
Rhodium	103-1	3479013	3765099	3985296	3743136	6.78	cps
Rhodium	103-2	1613208	1674087	1675089	1654128	2.14	cps
Scandium	45-1	2062692	2221608	2324652	2202984	5.99	cps
Scandium	45-2	75672	80736	83154	79854	4.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	10	17	12	32.77	cps
Selenium	82-1	-22	-32	-52	-36	-42.62	cps
Silicon	28-1	1273422	1277611	1286417	1279150	0.52	cps
Silver	109-1	8	0	25	11	114.58	cps
Silver	107-1	33	25	17	25	33.32	cps
Sodium	23-2	320615	336748	344364	333909	3.63	cps
Strontium	86-1	15301	15926	15443	15556	2.11	cps
Strontium	88-1	135281	133572	134027	134293	0.66	cps
Sulfur	34-1	175239	177205	179322	177255	1.15	cps
Terbium	159-1	4892698	5245971	5607668	5248779	6.81	cps
Terbium	159-2	1908355	1998391	2017176	1974641	2.95	cps
Thallium	203-1	58	25	33	39	44.62	cps
Thallium	205-1	42	42	100	61	55.11	cps
Tin	118-1	150	183	208	181	16.21	cps
Titanium	47-1	592	650	567	603	7.09	cps
Uranium	238-1	8	8	17	11	43.34	cps
Vanadium	51-2	280	247	287	271	7.90	cps
Yttrium	89-1	3971154	4267208	4431701	4223354	5.53	cps
Yttrium	89-2	412960	436641	441204	430268	3.52	cps
Zinc	66-2	93	127	140	120	20.03	cps
Zirconium	90-1	400	333	467	400	16.67	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	S32-0657LDL	Dilution Factor :	25
Date & Time Acquired ::	2019-05-25 20:30:42	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	142	117	117	21.43	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:34:20	DataFile Name :	101CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	969811	1018452	1037209	1008491	3.45	cps
Antimony	121-1	2380358	2364454	2366352	2370388	0.37	cps
Arsenic	75-2	69909	72907	75149	72655	3.62	cps
Barium	135-1	2494174	2446608	2512847	2484543	1.37	cps
Barium	137-1	4300894	4278086	4264917	4281299	0.43	cps
Beryllium	9-1	313490	314005	313575	313690	0.09	cps
Bismuth	209-1	3169791	3099783	3099251	3122942	1.30	cps
Bismuth	209-2	1237244	1280874	1306774	1274964	2.76	cps
Boron	10-1	28078	28579	30249	28969	3.92	cps
Boron	11-1	142998	144916	149706	145873	2.37	cps
Cadmium	111-1	546609	545148	546894	546217	0.17	cps
Cadmium	106-1	57238	55975	56677	56630	1.12	cps
Cadmium	108-1	38314	38070	38801	38395	0.97	cps
Calcium	43-1	2640458	2589547	2586179	2605395	1.17	cps
Calcium	44-1	42166854	41502896	41929039	41866263	0.80	cps
Chromium	52-2	546370	570253	584321	566981	3.38	cps
Cobalt	59-2	908530	944464	974111	942368	3.48	cps
Copper	63-2	1341964	1404277	1435355	1393866	3.41	cps
Dysprosium	156-1	25	42	58	42	40.00	cps
Dysprosium	156-2	13	17	0	10	88.20	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Gadolinium	160-2	13	20	10	14	35.26	cps
Holmium	165-1	5156654	5216268	5125099	5166007	0.90	cps
Holmium	165-2	1863065	2011369	2033628	1969354	4.71	cps
Indium	115-1	4007997	3961883	4000775	3990218	0.62	cps
Indium	115-2	507204	528733	541475	525804	3.29	cps
Iron	56-2	97229980	101204413	105299300	101244564	3.99	cps
Iron	57-2	2470189	2621634	2655185	2582336	3.82	cps
Lead	206-1	1480139	1458058	1451831	1463343	1.02	cps
Lead	207-1	1312132	1297154	1278331	1295872	1.31	cps
Lead	208-1	6107381	5968038	5976296	6017238	1.30	cps
Lithium	6-1	620924	607769	605605	611433	1.36	cps
Magnesium	24-2	14466148	14978891	15221343	14888794	2.59	cps
Manganese	55-2	460840	477653	493147	477213	3.39	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:34:20	DataFile Name :	101CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4338693	4242192	4270539	4283808	1.16	cps
Molybdenum	95-1	5427409	5278585	5272522	5326172	1.65	cps
Molybdenum	96-1	5917425	5781975	5840284	5846561	1.16	cps
Molybdenum	97-1	3342964	3221332	3290869	3285055	1.86	cps
Molybdenum	98-1	8509429	8254152	8251594	8338392	1.78	cps
Neodymium	150-1	147	133	107	129	15.80	cps
Neodymium	150-2	13	30	10	18	60.28	cps
Nickel	60-2	247514	258249	261277	255680	2.83	cps
Phosphorus	31-2	13515	15000	15075	14530	6.06	cps
Potassium	39-2	6089395	6480187	6660292	6409958	4.55	cps
Rhodium	103-1	3762756	3622023	3704886	3696555	1.91	cps
Rhodium	103-2	1522858	1570201	1629218	1574092	3.39	cps
Scandium	45-1	2354433	2345940	2388001	2362791	0.94	cps
Scandium	45-2	77766	82014	83486	81089	3.66	cps
Selenium	77-2	937	1017	847	933	9.11	cps
Selenium	78-2	2978	3165	3150	3097	3.36	cps
Selenium	82-1	34105	33677	33574	33786	0.83	cps
Silicon	28-1	1948474	1978764	1953459	1960232	0.83	cps
Silver	109-1	2406947	2496565	2465994	2456502	1.85	cps
Silver	107-1	2601447	2571352	2555379	2576059	0.91	cps
Sodium	23-2	32070246	33392507	34026770	33163174	3.01	cps
Strontium	86-1	663443	648533	650737	654238	1.23	cps
Strontium	88-1	5717324	5627677	5665870	5670291	0.79	cps
Sulfur	34-1	313309	312036	314936	313427	0.46	cps
Terbium	159-1	5484589	5324817	5337453	5382287	1.65	cps
Terbium	159-2	1894432	1996503	2007969	1966301	3.18	cps
Thallium	203-1	1891378	1839981	1863421	1864927	1.38	cps
Thallium	205-1	4420703	4313010	4384704	4372806	1.25	cps
Tin	118-1	1667431	1670841	1629995	1656089	1.37	cps
Titanium	47-1	1265329	1274315	1271595	1270413	0.36	cps
Uranium	238-1	5616433	5609079	5542787	5589433	0.73	cps
Vanadium	51-2	431705	455306	463201	450071	3.64	cps
Yttrium	89-1	4411213	4352213	4387543	4383656	0.68	cps
Yttrium	89-2	416092	435816	448545	433484	3.77	cps
Zinc	66-2	179474	185145	192272	185630	3.45	cps
Zirconium	90-1	3574331	3481366	3557814	3537837	1.40	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:34:20	DataFile Name :	101CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	804735	782112	789169	792005	1.46	cps

LB Number : LB103014 Operator : Jaswal
 Lab Sample ID : CCB24 Instrumnet Name : P8
 Client Sample ID : CCB24 Dilution Factor : 1
 Date & Time Acquired :: 2019-05-25 20:37:55 DataFile Name : 102CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	58	42	42	40.00	cps
Antimony	121-1	775	542	542	619	21.75	cps
Arsenic	75-2	3	1	6	3	75.50	cps
Barium	135-1	242	292	133	222	36.42	cps
Barium	137-1	492	283	158	311	54.13	cps
Beryllium	9-1	89	56	67	70	24.12	cps
Bismuth	209-1	3216726	3242075	2769256	3076019	8.65	cps
Bismuth	209-2	1285296	1333353	1369058	1329236	3.16	cps
Boron	10-1	1950	1834	1692	1825	7.09	cps
Boron	11-1	9987	9787	9420	9731	2.96	cps
Cadmium	111-1	714	831	679	741	10.77	cps
Cadmium	106-1	967	1158	958	1028	11.01	cps
Cadmium	108-1	0	13	13	8	86.60	cps
Calcium	43-1	533	358	525	472	20.91	cps
Calcium	44-1	12614	11338	10563	11505	9.00	cps
Chromium	52-2	450	427	480	452	5.91	cps
Cobalt	59-2	23	53	47	41	38.32	cps
Copper	63-2	577	633	593	601	4.84	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	10	7	13	10	33.30	cps
Gadolinium	160-1	25	17	0	14	91.65	cps
Gadolinium	160-2	10	13	7	10	33.30	cps
Holmium	165-1	5162103	5113197	4474428	4916576	7.80	cps
Holmium	165-2	1907020	1997180	2026235	1976812	3.14	cps
Indium	115-1	4170422	4186500	3655375	4004099	7.55	cps
Indium	115-2	520423	542146	559470	540680	3.62	cps
Iron	56-2	3978	3439	3084	3501	12.87	cps
Iron	57-2	122	50	100	91	40.76	cps
Lead	206-1	644	511	478	544	16.20	cps
Lead	207-1	528	500	461	496	6.75	cps
Lead	208-1	2261	2150	1989	2133	6.42	cps
Lithium	6-1	611320	617450	533252	587340	7.99	cps
Magnesium	24-2	183	158	258	200	26.02	cps
Manganese	55-2	43	40	47	43	7.70	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:37:55	DataFile Name :	102CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	517	392	233	381	37.31	cps
Molybdenum	95-1	492	375	175	347	46.12	cps
Molybdenum	96-1	600	458	200	419	48.35	cps
Molybdenum	97-1	417	392	175	328	40.55	cps
Molybdenum	98-1	792	525	367	561	38.28	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	23	33	24	34.31	cps
Phosphorus	31-2	250	200	217	222	11.46	cps
Potassium	39-2	10079	10296	10329	10234	1.33	cps
Rhodium	103-1	3900322	3839036	3402683	3714014	7.31	cps
Rhodium	103-2	1585368	1652434	1708230	1648678	3.73	cps
Scandium	45-1	2396215	2393124	2069473	2286271	8.21	cps
Scandium	45-2	76406	81058	82550	80005	4.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	11	17	12	33.76	cps
Selenium	82-1	-79	28	-53	-35	-161.98	cps
Silicon	28-1	1204405	1197623	1200022	1200683	0.29	cps
Silver	109-1	542	475	550	522	7.87	cps
Silver	107-1	583	408	408	467	21.65	cps
Sodium	23-2	8469	8611	8153	8411	2.79	cps
Strontium	86-1	558	333	483	458	25.00	cps
Strontium	88-1	742	450	183	458	60.93	cps
Sulfur	34-1	174320	176572	177626	176172	0.96	cps
Terbium	159-1	5349135	5347506	4624459	5107033	8.18	cps
Terbium	159-2	1900065	1992195	1971482	1954581	2.47	cps
Thallium	203-1	258	175	150	194	29.17	cps
Thallium	205-1	483	283	300	356	31.21	cps
Tin	118-1	400	242	383	342	25.46	cps
Titanium	47-1	692	692	617	667	6.50	cps
Uranium	238-1	475	458	208	381	39.25	cps
Vanadium	51-2	17	13	3	11	62.48	cps
Yttrium	89-1	4381769	4395315	3778992	4185359	8.41	cps
Yttrium	89-2	415701	433548	443497	430916	3.27	cps
Zinc	66-2	53	53	53	53	0.00	cps
Zirconium	90-1	717	458	417	531	30.63	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 20:37:55	DataFile Name :	102CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	117	150	122	20.83	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-02DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:41:33	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5726	5860	6110	5899	3.30	cps
Antimony	121-1	2575	2409	2742	2575	6.47	cps
Arsenic	75-2	51	70	75	65	19.38	cps
Barium	135-1	3817	4217	4134	4056	5.20	cps
Barium	137-1	7035	7269	7344	7216	2.23	cps
Beryllium	9-1	22	33	0	19	91.65	cps
Bismuth	209-1	3283320	3291414	3269682	3281472	0.33	cps
Bismuth	209-2	1272405	1332443	1337295	1314048	2.75	cps
Boron	10-1	825	942	892	886	6.61	cps
Boron	11-1	4701	4809	4384	4631	4.77	cps
Cadmium	111-1	650	749	762	720	8.55	cps
Cadmium	106-1	908	1067	1075	1017	9.24	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	475162	478405	481700	478422	0.68	cps
Calcium	44-1	7638444	7770428	7830732	7746535	1.27	cps
Chromium	52-2	737	940	860	846	12.11	cps
Cobalt	59-2	87	83	97	89	7.81	cps
Copper	63-2	2067	2217	2127	2137	3.53	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	8	8	50	22	108.27	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	67	25	33	42	52.92	cps
Gadolinium	160-2	3	10	7	7	50.03	cps
Holmium	165-1	5184800	5201494	5122314	5169536	0.81	cps
Holmium	165-2	1887922	1995553	2025242	1969572	3.67	cps
Indium	115-1	4072483	4115133	4127441	4105019	0.70	cps
Indium	115-2	505117	528879	538539	524178	3.28	cps
Iron	56-2	13629	14307	14908	14282	4.48	cps
Iron	57-2	411	417	406	411	1.35	cps
Lead	206-1	317	283	311	304	5.88	cps
Lead	207-1	244	289	367	300	20.62	cps
Lead	208-1	1295	1272	1456	1341	7.46	cps
Lithium	6-1	559457	552959	547884	553433	1.05	cps
Magnesium	24-2	600748	623747	631989	618828	2.62	cps
Manganese	55-2	157	183	163	168	8.27	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-02DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:41:33	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10563	10996	10771	10777	2.01	cps
Molybdenum	95-1	17670	18546	18179	18132	2.43	cps
Molybdenum	96-1	19089	19974	19882	19648	2.48	cps
Molybdenum	97-1	11964	11096	11847	11636	4.05	cps
Molybdenum	98-1	29666	30668	29616	29984	1.98	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1430	1513	1513	1486	3.24	cps
Phosphorus	31-2	133	200	275	203	34.95	cps
Potassium	39-2	64096	67361	70158	67205	4.51	cps
Rhodium	103-1	3756207	3805350	3833807	3798455	1.03	cps
Rhodium	103-2	1576763	1638701	1654861	1623441	2.54	cps
Scandium	45-1	2159916	2242423	2154430	2185590	2.26	cps
Scandium	45-2	73109	77552	78765	76475	3.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	8	11	11	23.59	cps
Selenium	82-1	-68	7	-42	-34	-111.12	cps
Silicon	28-1	1880825	1827795	1841004	1849874	1.49	cps
Silver	109-1	600	633	483	572	13.76	cps
Silver	107-1	692	592	625	636	8.00	cps
Sodium	23-2	3007332	3107750	3145513	3086865	2.31	cps
Strontium	86-1	72173	73883	74168	73408	1.47	cps
Strontium	88-1	635130	646467	643861	641820	0.93	cps
Sulfur	34-1	177324	179777	177804	178302	0.73	cps
Terbium	159-1	5348858	5409192	5420736	5392929	0.72	cps
Terbium	159-2	1877121	1973729	1986575	1945808	3.07	cps
Thallium	203-1	83	125	108	106	19.86	cps
Thallium	205-1	250	225	192	222	13.17	cps
Tin	118-1	283	317	383	328	15.54	cps
Titanium	47-1	667	583	700	650	9.25	cps
Uranium	238-1	92	100	125	106	16.44	cps
Vanadium	51-2	1090	1327	1233	1217	9.80	cps
Yttrium	89-1	4240851	4344424	4336060	4307112	1.34	cps
Yttrium	89-2	402285	422671	433955	419637	3.83	cps
Zinc	66-2	397	433	433	421	5.03	cps
Zirconium	90-1	375	433	442	417	8.72	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-02DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:41:33	DataFile Name :	103SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	92	108	103	9.36	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-03DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:45:10	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5718	6035	6185	5979	3.99	cps
Antimony	121-1	2150	2084	2234	2156	3.49	cps
Arsenic	75-2	78	82	83	81	3.27	cps
Barium	135-1	3992	4017	4234	4081	3.26	cps
Barium	137-1	6794	6627	7019	6813	2.89	cps
Beryllium	9-1	28	17	44	30	47.18	cps
Bismuth	209-1	3249913	3313331	3306117	3289787	1.06	cps
Bismuth	209-2	1280567	1324283	1342718	1315856	2.43	cps
Boron	10-1	733	558	658	650	13.51	cps
Boron	11-1	3042	3234	3117	3131	3.09	cps
Cadmium	111-1	694	800	774	756	7.32	cps
Cadmium	106-1	983	1133	1100	1072	7.35	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	481605	477075	481689	480123	0.55	cps
Calcium	44-1	7599228	7666134	7760451	7675271	1.06	cps
Chromium	52-2	930	967	980	959	2.70	cps
Cobalt	59-2	90	97	83	90	7.41	cps
Copper	63-2	1920	2067	2167	2051	6.05	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	5190284	5179524	5239190	5202999	0.61	cps
Holmium	165-2	1931108	1976909	2045507	1984508	2.90	cps
Indium	115-1	4070416	4062873	4161491	4098260	1.34	cps
Indium	115-2	505717	526001	544839	525519	3.72	cps
Iron	56-2	13740	14180	14975	14298	4.38	cps
Iron	57-2	428	372	483	428	12.99	cps
Lead	206-1	267	322	322	304	10.56	cps
Lead	207-1	250	244	256	250	2.22	cps
Lead	208-1	1089	1161	1239	1163	6.45	cps
Lithium	6-1	542382	544881	543471	543578	0.23	cps
Magnesium	24-2	606311	630803	637412	624842	2.62	cps
Manganese	55-2	197	153	167	172	12.89	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-03DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:45:10	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10304	11063	10963	10777	3.83	cps
Molybdenum	95-1	18438	18713	19264	18805	2.24	cps
Molybdenum	96-1	19965	19723	20057	19915	0.87	cps
Molybdenum	97-1	11922	11405	11522	11616	2.33	cps
Molybdenum	98-1	28915	30610	29407	29644	2.94	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	1500	1527	1720	1582	7.59	cps
Phosphorus	31-2	175	150	183	169	10.24	cps
Potassium	39-2	65997	68399	70284	68226	3.15	cps
Rhodium	103-1	3792681	3765461	3792186	3783443	0.41	cps
Rhodium	103-2	1580508	1647459	1658374	1628780	2.59	cps
Scandium	45-1	2115014	2206042	2199457	2173505	2.34	cps
Scandium	45-2	74040	77307	80042	77130	3.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	10	13	12	14.43	cps
Selenium	82-1	17	-8	-44	-12	-256.90	cps
Silicon	28-1	1828254	1840094	1808272	1825540	0.88	cps
Silver	109-1	258	275	133	222	34.84	cps
Silver	107-1	242	275	283	267	8.27	cps
Sodium	23-2	2982548	3156335	3143901	3094262	3.13	cps
Strontium	86-1	74822	73564	75332	74572	1.22	cps
Strontium	88-1	639328	649092	654578	647666	1.19	cps
Sulfur	34-1	181282	178717	180412	180137	0.72	cps
Terbium	159-1	5409869	5386088	5443875	5413277	0.54	cps
Terbium	159-2	1919946	1980349	2042357	1980884	3.09	cps
Thallium	203-1	100	17	83	67	66.14	cps
Thallium	205-1	108	100	158	122	25.81	cps
Tin	118-1	392	417	450	419	6.98	cps
Titanium	47-1	483	675	633	597	16.88	cps
Uranium	238-1	100	67	158	108	42.83	cps
Vanadium	51-2	1210	1213	1293	1239	3.81	cps
Yttrium	89-1	4258716	4262170	4290350	4270412	0.41	cps
Yttrium	89-2	404477	422367	437372	421405	3.91	cps
Zinc	66-2	440	517	527	494	9.59	cps
Zirconium	90-1	375	367	442	394	10.42	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-03DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:45:10	DataFile Name :	104SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	108	92	106	12.06	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:48:47	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5635	6177	5935	5915	4.59	cps
Antimony	121-1	2009	1784	2434	2075	15.91	cps
Arsenic	75-2	68	76	85	76	11.14	cps
Barium	135-1	4009	4268	4276	4184	3.62	cps
Barium	137-1	7127	7527	7361	7338	2.74	cps
Beryllium	9-1	22	22	39	28	34.65	cps
Bismuth	209-1	3319168	3357733	3364029	3346976	0.73	cps
Bismuth	209-2	1274599	1322878	1365049	1320842	3.43	cps
Boron	10-1	533	500	467	500	6.67	cps
Boron	11-1	2642	2450	2342	2478	6.13	cps
Cadmium	111-1	686	709	789	728	7.40	cps
Cadmium	106-1	967	1025	1125	1039	7.71	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	482326	486863	486323	485171	0.51	cps
Calcium	44-1	7721927	7787600	7956586	7822038	1.55	cps
Chromium	52-2	893	940	943	926	3.02	cps
Cobalt	59-2	90	60	93	81	22.63	cps
Copper	63-2	1897	2054	2094	2015	5.16	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	58	42	42	47	20.38	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	5234086	5266246	5407342	5302558	1.74	cps
Holmium	165-2	1878930	2020978	2060733	1986880	4.81	cps
Indium	115-1	4070308	4181725	4145558	4132530	1.38	cps
Indium	115-2	507334	533543	554235	531704	4.42	cps
Iron	56-2	13996	14658	15320	14658	4.51	cps
Iron	57-2	361	367	433	387	10.38	cps
Lead	206-1	572	578	561	570	1.49	cps
Lead	207-1	456	411	572	480	17.35	cps
Lead	208-1	2317	2228	2250	2265	2.04	cps
Lithium	6-1	538853	546661	541264	542259	0.74	cps
Magnesium	24-2	614561	650045	666407	643671	4.12	cps
Manganese	55-2	93	177	193	154	34.69	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:48:47	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10654	10863	10713	10743	1.00	cps
Molybdenum	95-1	18913	18889	18938	18913	0.13	cps
Molybdenum	96-1	20249	20624	20875	20583	1.53	cps
Molybdenum	97-1	12281	12081	11230	11864	4.70	cps
Molybdenum	98-1	29892	29792	30059	29914	0.45	cps
Neodymium	150-1	0	7	33	13	132.27	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1437	1630	1640	1569	7.31	cps
Phosphorus	31-2	208	117	192	172	28.35	cps
Potassium	39-2	64440	68500	72830	68590	6.12	cps
Rhodium	103-1	3757757	3791905	3842567	3797410	1.12	cps
Rhodium	103-2	1598390	1656135	1721372	1658632	3.71	cps
Scandium	45-1	2092306	2211013	2196366	2166562	2.99	cps
Scandium	45-2	73112	77729	81048	77296	5.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	8	8	9	19.25	cps
Selenium	82-1	25	-15	15	8	242.61	cps
Silicon	28-1	1835885	1821267	1800825	1819326	0.97	cps
Silver	109-1	225	142	133	167	30.41	cps
Silver	107-1	108	133	167	136	21.50	cps
Sodium	23-2	3045495	3179022	3287560	3170692	3.82	cps
Strontium	86-1	74142	73614	74787	74181	0.79	cps
Strontium	88-1	652898	657111	656119	655376	0.34	cps
Sulfur	34-1	183366	183527	182649	183180	0.26	cps
Terbium	159-1	5498837	5450427	5568115	5505793	1.07	cps
Terbium	159-2	1938051	1976536	2030828	1981805	2.35	cps
Thallium	203-1	33	42	67	47	36.74	cps
Thallium	205-1	92	92	92	92	0.00	cps
Tin	118-1	500	458	442	467	6.44	cps
Titanium	47-1	608	633	650	631	3.33	cps
Uranium	238-1	75	133	108	106	27.73	cps
Vanadium	51-2	1130	1153	1390	1225	11.75	cps
Yttrium	89-1	4317155	4323121	4367023	4335767	0.63	cps
Yttrium	89-2	401915	425279	443197	423464	4.89	cps
Zinc	66-2	387	540	443	457	16.98	cps
Zirconium	90-1	408	383	392	394	3.23	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0657ADL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:48:47	DataFile Name :	105SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	125	75	97	26.19	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0652DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:52:25	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	100	133	114	15.23	cps
Antimony	121-1	1175	1108	1508	1264	16.96	cps
Arsenic	75-2	495	556	535	529	5.86	cps
Barium	135-1	6477	5843	6635	6318	6.63	cps
Barium	137-1	11063	11430	11030	11174	1.99	cps
Beryllium	9-1	6	44	11	20	103.25	cps
Bismuth	209-1	3413533	3426933	3439488	3426651	0.38	cps
Bismuth	209-2	1301109	1353533	1368046	1340896	2.63	cps
Boron	10-1	842	1008	783	878	13.30	cps
Boron	11-1	4117	4209	4543	4290	5.22	cps
Cadmium	111-1	589	706	715	670	10.45	cps
Cadmium	106-1	858	1017	1025	967	9.72	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Calcium	43-1	105889	104688	105576	105384	0.59	cps
Calcium	44-1	1744312	1745441	1733740	1741164	0.37	cps
Chromium	52-2	500	557	463	507	9.28	cps
Cobalt	59-2	200	200	160	187	12.37	cps
Copper	63-2	650	737	753	713	7.78	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	17	50	31	56.77	cps
Erbium	164-2	13	17	7	12	41.65	cps
Gadolinium	160-1	42	42	50	44	10.82	cps
Gadolinium	160-2	17	10	13	13	25.01	cps
Holmium	165-1	5201027	5274083	5381513	5285541	1.72	cps
Holmium	165-2	1939389	1990573	2050513	1993492	2.79	cps
Indium	115-1	4144970	4101107	4239998	4162025	1.71	cps
Indium	115-2	509999	531813	538700	526838	2.84	cps
Iron	56-2	93376	98583	99725	97228	3.48	cps
Iron	57-2	2334	2539	2461	2445	4.25	cps
Lead	206-1	150	161	111	141	18.65	cps
Lead	207-1	139	144	89	124	24.66	cps
Lead	208-1	544	600	611	585	6.10	cps
Lithium	6-1	547134	549946	542958	546679	0.64	cps
Magnesium	24-2	256229	266988	269307	264175	2.64	cps
Manganese	55-2	74835	79146	80037	78006	3.57	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0652DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:52:25	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3217	3426	3301	3314	3.16	cps
Molybdenum	95-1	5451	5159	5401	5337	2.92	cps
Molybdenum	96-1	5626	5926	6227	5926	5.06	cps
Molybdenum	97-1	3142	3342	3567	3351	6.35	cps
Molybdenum	98-1	8153	9095	8528	8592	5.52	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	123	133	117	124	6.74	cps
Phosphorus	31-2	225	183	225	211	11.40	cps
Potassium	39-2	125848	131255	135099	130734	3.55	cps
Rhodium	103-1	3815595	3819290	3822358	3819081	0.09	cps
Rhodium	103-2	1618975	1667909	1688011	1658298	2.14	cps
Scandium	45-1	2144935	2139004	2138683	2140874	0.16	cps
Scandium	45-2	73159	77307	78541	76336	3.69	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	9	13	7	10	31.60	cps
Selenium	82-1	46	1	-91	-14	-485.12	cps
Silicon	28-1	2455710	2421508	2471310	2449509	1.04	cps
Silver	109-1	83	75	117	92	24.05	cps
Silver	107-1	83	92	100	92	9.09	cps
Sodium	23-2	1813120	1880078	1912629	1868609	2.72	cps
Strontium	86-1	109015	109401	107772	108729	0.78	cps
Strontium	88-1	940916	948332	945833	945027	0.40	cps
Sulfur	34-1	209549	207604	203571	206908	1.47	cps
Terbium	159-1	5532930	5517261	5528059	5526083	0.15	cps
Terbium	159-2	1912595	1988543	2014176	1971771	2.68	cps
Thallium	203-1	42	17	17	25	57.73	cps
Thallium	205-1	25	92	75	64	54.31	cps
Tin	118-1	392	308	458	386	19.47	cps
Titanium	47-1	617	633	567	606	5.73	cps
Uranium	238-1	7119	7236	7494	7283	2.64	cps
Vanadium	51-2	77	103	60	80	27.32	cps
Yttrium	89-1	4309479	4353828	4341785	4335031	0.53	cps
Yttrium	89-2	408429	428101	435329	423953	3.28	cps
Zinc	66-2	287	233	237	252	11.84	cps
Zirconium	90-1	342	333	442	372	16.20	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-04DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0652DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:52:25	DataFile Name :	106SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	75	133	58	89	44.31	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0653DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:56:02	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	92	83	81	15.80	cps
Antimony	121-1	1067	1358	1283	1236	12.25	cps
Arsenic	75-2	537	574	590	567	4.79	cps
Barium	135-1	6652	6468	6860	6660	2.94	cps
Barium	137-1	11197	12047	10938	11394	5.09	cps
Beryllium	9-1	17	11	11	13	24.76	cps
Bismuth	209-1	3409018	3422821	3433614	3421818	0.36	cps
Bismuth	209-2	1299187	1341541	1370317	1337015	2.68	cps
Boron	10-1	842	717	900	819	11.43	cps
Boron	11-1	4034	4226	4117	4126	2.33	cps
Cadmium	111-1	653	712	567	644	11.29	cps
Cadmium	106-1	933	1017	808	920	11.41	cps
Cadmium	108-1	0	0	4	1	173.21	cps
Calcium	43-1	106453	107173	105503	106376	0.79	cps
Calcium	44-1	1734342	1760400	1749675	1748139	0.75	cps
Chromium	52-2	507	427	533	489	11.35	cps
Cobalt	59-2	153	143	183	160	13.01	cps
Copper	63-2	583	620	607	603	3.08	cps
Dysprosium	156-1	33	17	33	28	34.63	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	42	33	58	44	28.64	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	58	58	58	58	0.01	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	5278235	5252908	5289964	5273702	0.36	cps
Holmium	165-2	1877608	2016230	2017880	1970573	4.09	cps
Indium	115-1	4118738	4189321	4209885	4172648	1.15	cps
Indium	115-2	506153	524661	541618	524144	3.38	cps
Iron	56-2	94349	97779	99775	97301	2.82	cps
Iron	57-2	2250	2589	2450	2430	7.01	cps
Lead	206-1	211	350	256	272	26.06	cps
Lead	207-1	339	294	261	298	13.09	cps
Lead	208-1	1178	1194	1206	1193	1.17	cps
Lithium	6-1	546244	545049	538228	543174	0.80	cps
Magnesium	24-2	257069	268594	277733	267799	3.87	cps
Manganese	55-2	75224	80097	82350	79224	4.60	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0653DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:56:02	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3234	3200	3492	3309	4.83	cps
Molybdenum	95-1	5601	5693	5493	5596	1.79	cps
Molybdenum	96-1	5810	6335	5993	6046	4.41	cps
Molybdenum	97-1	3401	3551	3284	3412	3.92	cps
Molybdenum	98-1	9370	8836	8987	9064	3.04	cps
Neodymium	150-1	20	33	20	24	31.49	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	60	100	77	79	25.47	cps
Phosphorus	31-2	283	192	250	242	19.20	cps
Potassium	39-2	126026	134578	136606	132404	4.24	cps
Rhodium	103-1	3860284	3896461	3817079	3857942	1.03	cps
Rhodium	103-2	1593522	1620236	1669726	1627828	2.38	cps
Scandium	45-1	2132251	2148471	2147942	2142888	0.43	cps
Scandium	45-2	72991	76902	79737	76543	4.43	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	10	15	12	12	20.40	cps
Selenium	82-1	10	-6	-12	-3	-437.67	cps
Silicon	28-1	2462248	2487093	2417932	2455758	1.43	cps
Silver	109-1	50	83	75	69	24.98	cps
Silver	107-1	100	100	125	108	13.33	cps
Sodium	23-2	1822670	1942491	1922191	1895784	3.38	cps
Strontium	86-1	108478	109611	107184	108425	1.12	cps
Strontium	88-1	953523	965151	957498	958724	0.62	cps
Sulfur	34-1	200697	198433	196895	198675	0.96	cps
Terbium	159-1	5516013	5499842	5545409	5520422	0.42	cps
Terbium	159-2	1946803	1957076	2004387	1969422	1.56	cps
Thallium	203-1	50	50	17	39	49.48	cps
Thallium	205-1	25	100	50	58	65.47	cps
Tin	118-1	383	400	367	383	4.35	cps
Titanium	47-1	425	625	425	492	23.49	cps
Uranium	238-1	7186	7469	7661	7439	3.21	cps
Vanadium	51-2	70	97	50	72	32.42	cps
Yttrium	89-1	4301130	4366415	4316836	4328127	0.79	cps
Yttrium	89-2	403252	417491	429604	416782	3.16	cps
Zinc	66-2	250	283	233	256	9.96	cps
Zirconium	90-1	342	392	467	400	15.73	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-05DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0653DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:56:02	DataFile Name :	107SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	58	133	50	81	56.98	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0654DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:59:39	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	208	217	203	8.56	cps
Antimony	121-1	1242	1283	1408	1311	6.62	cps
Arsenic	75-2	314	294	312	307	3.59	cps
Barium	135-1	14091	14583	14391	14355	1.73	cps
Barium	137-1	25400	24815	24356	24857	2.10	cps
Beryllium	9-1	22	22	6	17	57.71	cps
Bismuth	209-1	3403126	3423500	3403420	3410015	0.34	cps
Bismuth	209-2	1289647	1350654	1370221	1336840	3.14	cps
Boron	10-1	617	342	517	492	28.31	cps
Boron	11-1	2250	2267	2284	2267	0.74	cps
Cadmium	111-1	762	636	618	672	11.67	cps
Cadmium	106-1	1075	917	892	961	10.35	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	145067	150019	145699	146928	1.83	cps
Calcium	44-1	2389612	2381503	2394967	2388694	0.28	cps
Chromium	52-2	560	590	623	591	5.36	cps
Cobalt	59-2	683	707	783	724	7.22	cps
Copper	63-2	833	813	913	853	6.20	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	25	17	58	33	66.13	cps
Erbium	164-2	3	13	13	10	57.75	cps
Gadolinium	160-1	33	83	8	42	91.66	cps
Gadolinium	160-2	17	10	20	16	32.73	cps
Holmium	165-1	5264637	5301070	5382430	5316046	1.13	cps
Holmium	165-2	1892478	1993585	2026062	1970709	3.54	cps
Indium	115-1	4080207	4160781	4164563	4135184	1.15	cps
Indium	115-2	506105	529340	543714	526386	3.61	cps
Iron	56-2	1600769	1685805	1715763	1667446	3.58	cps
Iron	57-2	38526	40275	41774	40191	4.04	cps
Lead	206-1	172	167	189	176	6.57	cps
Lead	207-1	161	189	183	178	8.27	cps
Lead	208-1	694	689	794	726	8.18	cps
Lithium	6-1	542038	543601	546114	543918	0.38	cps
Magnesium	24-2	84466	89790	90536	88264	3.75	cps
Manganese	55-2	111416	117276	120793	116495	4.07	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0654DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:59:39	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	608	650	608	622	3.87	cps
Molybdenum	95-1	783	625	667	692	11.87	cps
Molybdenum	96-1	983	617	650	750	27.04	cps
Molybdenum	97-1	567	433	525	508	13.42	cps
Molybdenum	98-1	1058	1083	1000	1047	4.08	cps
Neodymium	150-1	7	33	40	27	66.13	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	517	603	540	553	8.10	cps
Phosphorus	31-2	175	233	233	214	15.74	cps
Potassium	39-2	82583	87596	89056	86412	3.93	cps
Rhodium	103-1	3790520	3801490	3835918	3809309	0.62	cps
Rhodium	103-2	1587233	1649063	1704203	1646833	3.55	cps
Scandium	45-1	2122830	2119498	2111617	2117982	0.27	cps
Scandium	45-2	73119	75370	79432	75974	4.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	12	17	7	12	41.67	cps
Selenium	82-1	-14	-114	-30	-52	-102.25	cps
Silicon	28-1	2191427	2157071	2139173	2162557	1.23	cps
Silver	109-1	50	33	75	53	39.74	cps
Silver	107-1	67	92	83	81	15.80	cps
Sodium	23-2	946061	994082	1013393	984512	3.52	cps
Strontium	86-1	159284	156570	157490	157781	0.87	cps
Strontium	88-1	1383180	1379662	1382179	1381674	0.13	cps
Sulfur	34-1	201501	198685	198761	199649	0.80	cps
Terbium	159-1	5462352	5459561	5520849	5480920	0.63	cps
Terbium	159-2	1873223	2000421	2016042	1963229	3.99	cps
Thallium	203-1	42	25	33	33	25.01	cps
Thallium	205-1	75	125	58	86	40.29	cps
Tin	118-1	517	417	358	431	18.60	cps
Titanium	47-1	583	542	500	542	7.69	cps
Uranium	238-1	1967	2084	1709	1920	10.00	cps
Vanadium	51-2	93	127	153	124	24.16	cps
Yttrium	89-1	4268504	4237140	4252782	4252809	0.37	cps
Yttrium	89-2	397908	420879	431873	416886	4.16	cps
Zinc	66-2	340	380	400	373	8.18	cps
Zirconium	90-1	283	517	367	389	30.41	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-06DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-0654DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 20:59:39	DataFile Name :	108SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	83	100	83	20.00	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-08DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-ER-2019-1DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 21:03:16	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	58	33	50	28.88	cps
Antimony	121-1	1083	1017	1142	1081	5.79	cps
Arsenic	75-2	1	6	2	3	88.19	cps
Barium	135-1	42	33	25	33	25.01	cps
Barium	137-1	8	42	33	28	62.46	cps
Beryllium	9-1	33	22	22	26	24.74	cps
Bismuth	209-1	3298500	3326051	3366397	3330316	1.03	cps
Bismuth	209-2	1281973	1312817	1345794	1313528	2.43	cps
Boron	10-1	208	325	342	292	24.91	cps
Boron	11-1	1417	1233	1258	1303	7.63	cps
Cadmium	111-1	621	634	674	643	4.25	cps
Cadmium	106-1	892	908	967	922	4.27	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	450	467	433	450	3.70	cps
Calcium	44-1	9645	10020	9837	9834	1.91	cps
Chromium	52-2	487	470	450	469	3.92	cps
Cobalt	59-2	20	20	27	22	17.33	cps
Copper	63-2	627	677	667	657	4.03	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	8	8	25	14	69.31	cps
Gadolinium	160-2	10	7	17	11	45.82	cps
Holmium	165-1	5175112	5203604	5140340	5173019	0.61	cps
Holmium	165-2	1898388	1926731	1990882	1938667	2.44	cps
Indium	115-1	4116591	4128448	4035981	4093673	1.23	cps
Indium	115-2	496428	518643	534397	516490	3.69	cps
Iron	56-2	1472	1478	1522	1491	1.84	cps
Iron	57-2	33	44	39	39	14.30	cps
Lead	206-1	128	83	111	107	20.90	cps
Lead	207-1	78	122	106	102	22.05	cps
Lead	208-1	450	450	478	459	3.49	cps
Lithium	6-1	537995	530441	529198	532545	0.89	cps
Magnesium	24-2	108	167	133	136	21.50	cps
Manganese	55-2	20	33	40	31	32.73	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-08DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-ER-2019-1DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 21:03:16	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	108	108	158	125	23.09	cps
Molybdenum	95-1	17	8	17	14	34.67	cps
Molybdenum	96-1	50	25	83	53	55.46	cps
Molybdenum	97-1	117	42	67	75	50.92	cps
Molybdenum	98-1	8	17	8	11	43.34	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	50	30	43	41	24.77	cps
Phosphorus	31-2	225	208	242	225	7.41	cps
Potassium	39-2	8636	9637	9795	9356	6.72	cps
Rhodium	103-1	3808006	3766039	3812906	3795650	0.68	cps
Rhodium	103-2	1570881	1630450	1658415	1619916	2.76	cps
Scandium	45-1	2042796	2078105	2054533	2058478	0.87	cps
Scandium	45-2	70740	75361	77277	74459	4.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	12	8	7	9	29.40	cps
Selenium	82-1	-19	-10	-59	-30	-88.64	cps
Silicon	28-1	985025	978379	985673	983026	0.41	cps
Silver	109-1	42	67	50	53	24.12	cps
Silver	107-1	67	75	83	75	11.11	cps
Sodium	23-2	6618	5943	6502	6354	5.68	cps
Strontium	86-1	467	467	450	461	2.09	cps
Strontium	88-1	308	442	350	367	18.60	cps
Sulfur	34-1	157055	154705	158225	156662	1.14	cps
Terbium	159-1	5436682	5436249	5376988	5416640	0.63	cps
Terbium	159-2	1839725	1944429	2014427	1932860	4.55	cps
Thallium	203-1	42	25	25	31	31.50	cps
Thallium	205-1	42	42	75	53	36.46	cps
Tin	118-1	292	342	425	353	19.09	cps
Titanium	47-1	467	567	483	506	10.60	cps
Uranium	238-1	8	17	0	8	100.02	cps
Vanadium	51-2	30	40	43	38	18.36	cps
Yttrium	89-1	4252254	4216573	4181339	4216722	0.84	cps
Yttrium	89-2	396284	411326	424239	410616	3.41	cps
Zinc	66-2	273	303	313	297	7.02	cps
Zirconium	90-1	233	333	300	289	17.63	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	K3032-08DLX5	Instrumnet Name :	P8
Client Sample ID :	S32-ER-2019-1DL	Dilution Factor :	5
Date & Time Acquired ::	2019-05-25 21:03:16	DataFile Name :	109SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	83	58	75	19.25	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 21:14:08	DataFile Name :	112CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	971292	1025013	1050444	1015583	3.98	cps
Antimony	121-1	2361297	2313445	2319129	2331290	1.12	cps
Arsenic	75-2	69491	73138	74373	72334	3.51	cps
Barium	135-1	2391288	2351478	2373430	2372065	0.84	cps
Barium	137-1	4121472	4079535	4110151	4103719	0.53	cps
Beryllium	9-1	326412	328169	332322	328968	0.92	cps
Bismuth	209-1	3066082	2978986	3028821	3024630	1.44	cps
Bismuth	209-2	1235254	1287056	1292733	1271681	2.49	cps
Boron	10-1	30007	29397	30057	29820	1.23	cps
Boron	11-1	145909	149672	156664	150748	3.62	cps
Cadmium	111-1	528021	524687	528611	527106	0.40	cps
Cadmium	106-1	54192	54677	55606	54825	1.31	cps
Cadmium	108-1	37030	36867	37331	37076	0.63	cps
Calcium	43-1	2547715	2570966	2581592	2566758	0.68	cps
Calcium	44-1	41634589	41256128	41300991	41397236	0.50	cps
Chromium	52-2	544276	568259	582163	564899	3.39	cps
Cobalt	59-2	904852	933548	960421	932941	2.98	cps
Copper	63-2	1327801	1372119	1412599	1370840	3.09	cps
Dysprosium	156-1	42	33	58	44	28.65	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	67	33	33	44	43.31	cps
Erbium	164-2	17	17	7	13	43.29	cps
Gadolinium	160-1	25	25	50	33	43.30	cps
Gadolinium	160-2	27	37	17	27	37.50	cps
Holmium	165-1	5033515	4982136	4986357	5000669	0.57	cps
Holmium	165-2	1904129	1945144	2007628	1952300	2.67	cps
Indium	115-1	3872889	3866929	3837868	3859229	0.49	cps
Indium	115-2	503010	526246	535461	521572	3.21	cps
Iron	56-2	96621280	101240530	104550647	100804152	3.95	cps
Iron	57-2	2435929	2575097	2618797	2543274	3.75	cps
Lead	206-1	1419072	1401164	1415661	1411965	0.67	cps
Lead	207-1	1251972	1236623	1247546	1245380	0.63	cps
Lead	208-1	5814893	5767462	5775550	5785969	0.44	cps
Lithium	6-1	643039	645102	652757	646966	0.79	cps
Magnesium	24-2	14241340	15113904	15359564	14904936	3.94	cps
Manganese	55-2	450810	476558	489198	472189	4.14	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 21:14:08	DataFile Name :	112CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4056742	4079615	4042088	4059482	0.47	cps
Molybdenum	95-1	5078047	5071731	5097865	5082548	0.27	cps
Molybdenum	96-1	5570638	5558258	5631729	5586875	0.70	cps
Molybdenum	97-1	3136459	3115909	3161757	3138042	0.73	cps
Molybdenum	98-1	7988737	7960041	7981456	7976744	0.19	cps
Neodymium	150-1	133	93	147	124	22.30	cps
Neodymium	150-2	23	13	10	16	44.60	cps
Nickel	60-2	244805	252752	262184	253247	3.44	cps
Phosphorus	31-2	14341	14433	15676	14816	5.03	cps
Potassium	39-2	6125464	6397903	6569679	6364349	3.52	cps
Rhodium	103-1	3524330	3560441	3510324	3531698	0.73	cps
Rhodium	103-2	1541148	1577091	1586943	1568394	1.54	cps
Scandium	45-1	2395881	2356646	2359849	2370792	0.92	cps
Scandium	45-2	78437	81162	84646	81415	3.82	cps
Selenium	77-2	833	863	913	870	4.65	cps
Selenium	78-2	3082	3173	3143	3132	1.48	cps
Selenium	82-1	32550	32111	32360	32341	0.68	cps
Silicon	28-1	1994476	2008043	2023519	2008679	0.72	cps
Silver	109-1	2385170	2405150	2425694	2405338	0.84	cps
Silver	107-1	2452224	2483124	2459714	2465021	0.65	cps
Sodium	23-2	31823889	33697229	33911105	33144074	3.46	cps
Strontium	86-1	617466	621187	621380	620011	0.36	cps
Strontium	88-1	5470900	5380665	5382652	5411406	0.95	cps
Sulfur	34-1	325748	325239	323252	324746	0.41	cps
Terbium	159-1	5205985	5190403	5154039	5183476	0.51	cps
Terbium	159-2	1902235	1956627	2026769	1961877	3.18	cps
Thallium	203-1	1800771	1779033	1793746	1791183	0.62	cps
Thallium	205-1	4213172	4187640	4232138	4210983	0.53	cps
Tin	118-1	1619266	1614549	1621234	1618350	0.21	cps
Titanium	47-1	1269951	1238390	1255078	1254473	1.26	cps
Uranium	238-1	5317468	5269930	5335976	5307791	0.64	cps
Vanadium	51-2	428406	447937	462906	446416	3.88	cps
Yttrium	89-1	4203794	4207537	4179548	4196960	0.36	cps
Yttrium	89-2	413023	433754	443579	430119	3.63	cps
Zinc	66-2	178579	184617	189806	184334	3.05	cps
Zirconium	90-1	3364305	3328285	3403371	3365321	1.12	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 21:14:08	DataFile Name :	112CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	755968	755305	755898	755724	0.05	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 21:17:43	DataFile Name :	113CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	75	42	78	48.31	cps
Antimony	121-1	608	567	450	542	15.15	cps
Arsenic	75-2	7	2	10	6	63.81	cps
Barium	135-1	208	217	342	256	29.23	cps
Barium	137-1	533	508	533	525	2.75	cps
Beryllium	9-1	67	72	78	72	7.69	cps
Bismuth	209-1	3149251	3108906	3144607	3134255	0.70	cps
Bismuth	209-2	1283029	1342074	1369095	1331399	3.31	cps
Boron	10-1	2017	1675	1608	1767	12.40	cps
Boron	11-1	9704	9845	8086	9212	10.61	cps
Cadmium	111-1	836	758	713	769	8.10	cps
Cadmium	106-1	1058	950	950	986	6.34	cps
Cadmium	108-1	13	17	8	13	33.36	cps
Calcium	43-1	542	625	658	608	9.88	cps
Calcium	44-1	13407	13290	13307	13334	0.47	cps
Chromium	52-2	353	490	460	434	16.53	cps
Cobalt	59-2	110	133	123	122	9.58	cps
Copper	63-2	620	660	610	630	4.20	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	42	8	22	78.07	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	42	25	25	31	31.50	cps
Gadolinium	160-2	13	3	10	9	57.30	cps
Holmium	165-1	4971687	4998484	4905274	4958481	0.97	cps
Holmium	165-2	1898985	1971806	2002329	1957706	2.71	cps
Indium	115-1	3967932	3952637	3986947	3969172	0.43	cps
Indium	115-2	514421	542378	560034	538944	4.27	cps
Iron	56-2	9687	8953	7474	8705	12.95	cps
Iron	57-2	261	206	233	233	11.91	cps
Lead	206-1	589	694	572	619	10.72	cps
Lead	207-1	383	506	489	459	14.43	cps
Lead	208-1	2139	2422	2261	2274	6.25	cps
Lithium	6-1	644202	640178	645741	643374	0.45	cps
Magnesium	24-2	992	925	750	889	14.04	cps
Manganese	55-2	90	73	40	68	37.56	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 21:17:43	DataFile Name :	113CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	567	533	608	569	6.60	cps
Molybdenum	95-1	775	650	575	667	15.16	cps
Molybdenum	96-1	783	725	592	700	14.04	cps
Molybdenum	97-1	367	308	317	331	9.54	cps
Molybdenum	98-1	883	1008	950	947	6.60	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	40	30	40	37	15.75	cps
Phosphorus	31-2	200	125	183	169	23.24	cps
Potassium	39-2	9862	10829	10121	10271	4.88	cps
Rhodium	103-1	3775739	3726265	3749410	3750471	0.66	cps
Rhodium	103-2	1584486	1636729	1699368	1640194	3.51	cps
Scandium	45-1	2354753	2307596	2396494	2352948	1.89	cps
Scandium	45-2	75498	79486	82835	79273	4.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	10	8	10	15.80	cps
Selenium	82-1	40	-29	-22	-4	-1058.99	cps
Silicon	28-1	1208263	1195111	1212383	1205253	0.75	cps
Silver	109-1	400	500	433	444	11.46	cps
Silver	107-1	450	467	508	475	6.33	cps
Sodium	23-2	10371	9612	9729	9904	4.13	cps
Strontium	86-1	567	458	517	514	10.55	cps
Strontium	88-1	567	567	692	608	11.86	cps
Sulfur	34-1	178394	178058	180479	178977	0.73	cps
Terbium	159-1	5203593	5148701	5146049	5166114	0.63	cps
Terbium	159-2	1858404	1954213	2001787	1938134	3.77	cps
Thallium	203-1	275	233	208	239	14.10	cps
Thallium	205-1	642	733	633	669	8.29	cps
Tin	118-1	325	417	475	406	18.65	cps
Titanium	47-1	775	700	758	744	5.29	cps
Uranium	238-1	408	608	550	522	19.70	cps
Vanadium	51-2	23	23	17	21	18.21	cps
Yttrium	89-1	4213598	4161028	4132511	4169046	0.99	cps
Yttrium	89-2	407431	431254	446201	428295	4.57	cps
Zinc	66-2	70	57	77	68	15.02	cps
Zirconium	90-1	683	692	692	689	0.70	cps

LB Number :	LB103014	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2019-05-25 21:17:43	DataFile Name :	113CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	167	175	172	2.80	cps