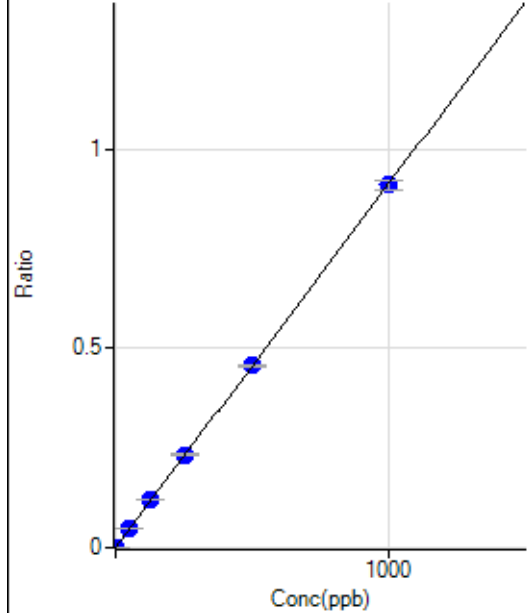


Batch Folder: D:\P8041718- MS .b\
Analysis File: P8041718- MS .batch.bin
DA Date-Time: 2018-04-18 11:29:04
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P8041718- MS .D	S00	2018-04-17 13:46:46
2			
3	005CALS P8041718- MS .D	S02	2018-04-17 13:54:11
4	006CALS P8041718- MS .D	S03	2018-04-17 13:57:57
5	007CALS P8041718- MS .D	S04	2018-04-17 14:01:44
6	008CALS P8041718- MS .D	S05	2018-04-17 14:05:24
7	009CALS P8041718- MS .D	S06	2018-04-17 14:08:59
8	010CALS P8041718- MS .D	S07	2018-04-17 14:12:31
9	011CALS P8041718- MS .D	S08	2018-04-17 14:15:59

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.19	0.0001	P	23.2
2	☐	0.100					
3	☐	1.000	1.042	825.98	0.0011	P	7.8
4	☐	50.000	52.820	37768.47	0.0483	P	0.5
5	☐	125.000	130.634	94206.81	0.1193	P	0.7
6	☐	250.000	255.966	184364.79	0.2337	P	0.6
7	☐	500.000	499.920	362419.33	0.4563	P	0.7
8	☐	1000.000	997.703	695865.53	0.9106	P	2.7
9	☐			637.07	0.0008	P	16.6

$$y = 9.1257\text{E-}004 * x + 1.0852\text{E-}004$$

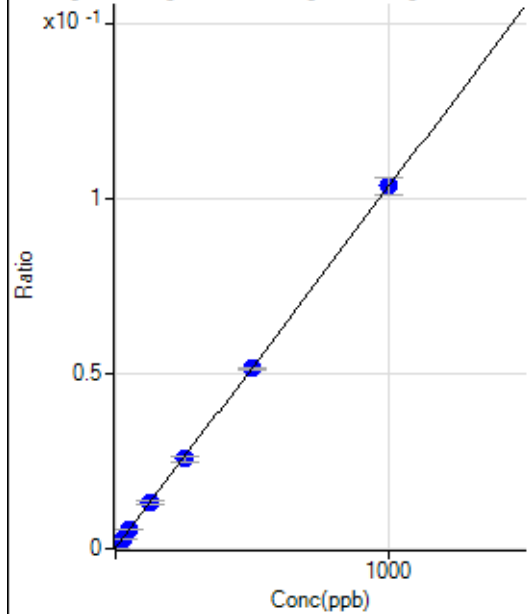
$$R = 1.0000$$

$$DL = 0.08287$$

$$BEC = 0.1189$$

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	72.23	0.0001	P	32.7
2	☐	2.500					
3	☐	25.000	23.991	2003.01	0.0026	P	3.9
4	☐	50.000	51.582	4236.93	0.0054	P	5.7
5	☐	125.000	126.255	10368.05	0.0131	P	5.1
6	☐	250.000	246.658	20170.45	0.0256	P	5.4
7	☐	500.000	496.568	40808.85	0.0514	P	1.3
8	☐	1000.000	1002.341	79157.33	0.1036	P	4.9
9	☐			4122.99	0.0054	P	3.7

$$y = 1.0329\text{E-}004 * x + 9.1848\text{E-}005$$

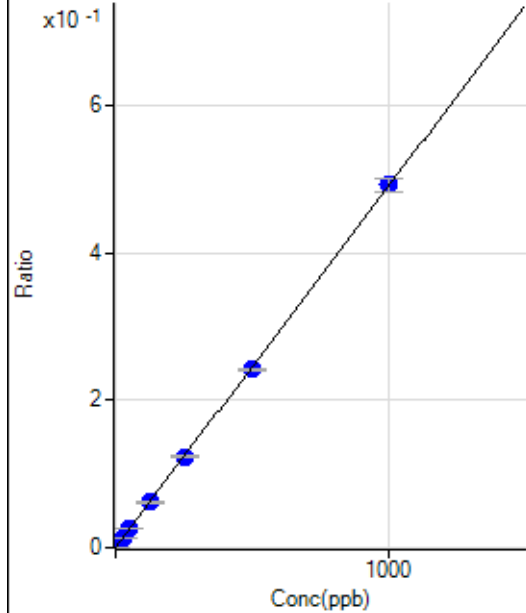
$$R = 1.0000$$

$$DL = 0.8725$$

$$BEC = 0.8892$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	255.57	0.0003	P	19.6
2	☐	2.500					
3	☐	25.000	23.746	9331.21	0.0120	P	3.7
4	☐	50.000	52.163	20256.67	0.0259	P	4.4
5	☐	125.000	124.418	48435.66	0.0613	P	0.9
6	☐	250.000	250.734	97272.89	0.1233	P	2.3
7	☐	500.000	492.589	192143.69	0.2419	P	1.6
8	☐	1000.000	1003.518	376300.72	0.4925	P	4.0
9	☐			17775.68	0.0232	P	12.2

$$y = 4.9047\text{E-}004 * x + 3.2523\text{E-}004$$

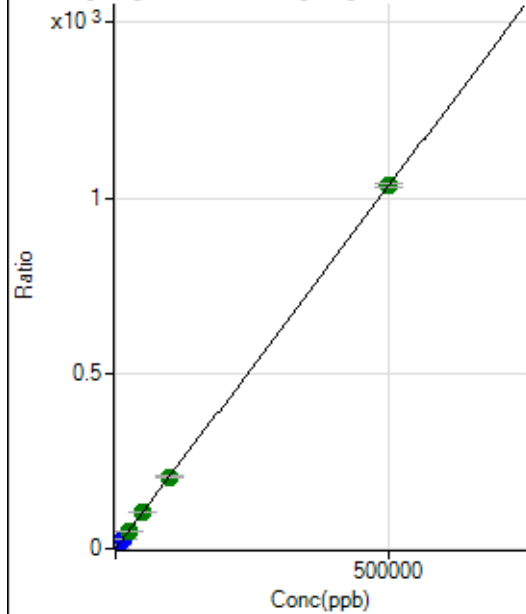
$$R = 1.0000$$

$$DL = 0.3896$$

$$BEC = 0.6631$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3250.51	0.1392	P	0.7
2	☐	50.000					
3	☐	500.000	468.974	24939.41	1.1089	P	0.8
4	☐	5000.000	5031.303	233918.14	10.5428	P	0.4
5	☐	12500.000	12593.388	556825.50	26.1795	P	0.8
6	☐	25000.000	24954.373	1075192.28	51.7393	A	0.5
7	☐	50000.000	50287.485	2056970.18	104.1226	A	0.9
8	☐	100000.00	99174.305	4001976.39	205.2097	A	2.4
9	☐	500000.00	500136.05	20255128.40	1,034.309	A	1.0

$$y = 0.0021 * x + 0.1392$$

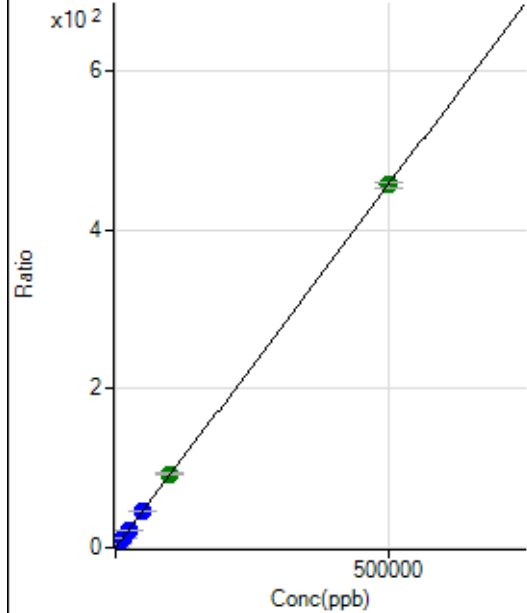
$$R = 1.0000$$

$$DL = 1.372$$

$$BEC = 67.3$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	430.58	0.0184	P	1.4
2	☐	50.000					
3	☐	500.000	475.450	10179.04	0.4526	P	2.9
4	☐	5000.000	5081.780	103380.26	4.6595	P	1.3
5	☐	12500.000	12700.317	247090.11	11.6173	P	1.5
6	☐	25000.000	25000.748	474854.64	22.8509	P	0.7
7	☐	50000.000	50184.858	905815.60	45.8509	P	0.7
8	☐	100000.00	100986.62	1798928.06	92.2467	A	2.6
9	☐	500000.00	499778.35	8938475.55	456.4519	A	1.4

$$y = 9.1327\text{E-}004 * x + 0.0184$$

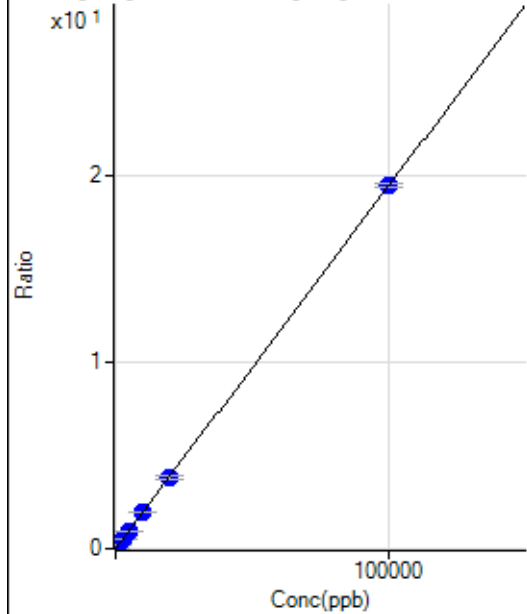
$$R = 1.0000$$

$$DL = 0.8313$$

$$BEC = 20.18$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0009	P	42.0
2	☐	2.000					
3	☐	20.000	12.311	75.00	0.0033	P	1.5
4	☐	1000.000	1023.295	4423.14	0.1994	P	5.1
5	☐	2500.000	2582.144	10668.37	0.5016	P	2.9
6	☐	5000.000	4968.444	20037.14	0.9643	P	2.6
7	☐	10000.000	9888.683	37895.95	1.9183	P	1.0
8	☐	20000.000	19666.749	74367.52	3.8142	P	4.1
9	☐	100000.00	100077.07	380017.00	19.4052	P	1.2

$$y = 1.9389\text{E-}004 * x + 9.4831\text{E-}004$$

$$R = 1.0000$$

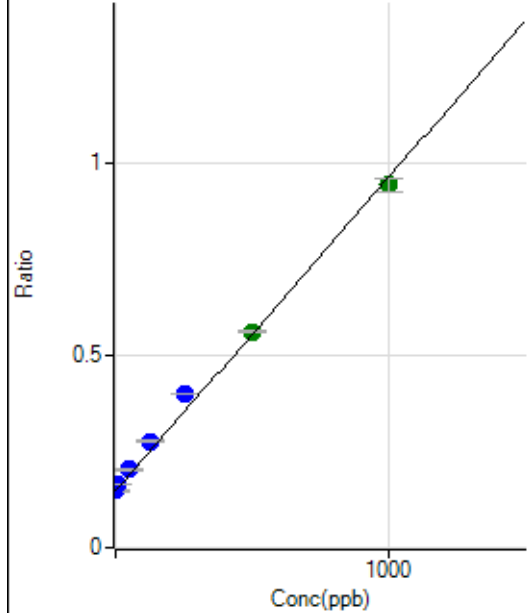
$$DL = 6.159$$

$$BEC = 4.891$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	388557.64	0.1480	P	0.9
2	☐	1.000					
3	☐	10.000	20.633	428393.04	0.1648	P	0.3
4	☐	50.000	67.817	522168.12	0.2034	P	1.3
5	☐	125.000	158.772	714288.21	0.2777	P	0.4
6	☐	250.000	309.143	1021443.50	0.4006	P	0.9
7	☐	500.000	508.558	1431588.13	0.5636	A	1.3
8	☐	1000.000	975.717	2320525.70	0.9455	A	3.9
9	☐			544660.71	0.2204	P	1.5

$$y = 8.1739\text{E-}004 * x + 0.1480$$

$$R = 0.9979$$

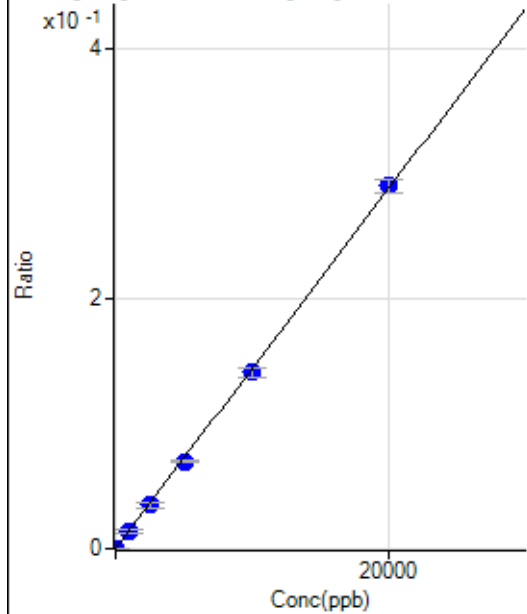
$$DL = 5.117$$

$$BEC = 181$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-8.509	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	8.509	5.55	0.0002	P	86.6
4	☐	1000.000	957.313	308.35	0.0139	P	17.7
5	☐	2500.000	2433.335	747.28	0.0351	P	13.8
6	☐	5000.000	4831.616	1447.37	0.0696	P	3.2
7	☐	10000.000	9796.578	2786.50	0.1411	P	5.1
8	☐	20000.000	20154.275	5656.95	0.2901	P	3.7
9	☐			16.67	0.0009	P	51.2

$$y = 1.4389\text{E-}005 * x + 1.2244\text{E-}004$$

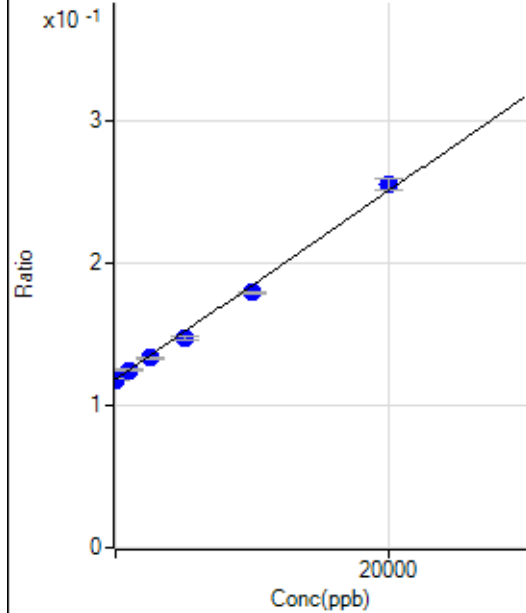
$$R = 0.9999$$

$$DL = 22.11$$

$$BEC = 8.509$$

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	-82.210	309006.25	0.1177	P	0.4
2	☐	0.000					
3	☐	0.000	82.210	308645.98	0.1187	P	0.2
4	☐	1000.000	1002.153	320521.27	0.1248	P	1.2
5	☐	2500.000	2255.171	342425.38	0.1331	P	1.2
6	☐	5000.000	4346.603	374791.74	0.1470	P	1.2
7	☐	10000.000	9166.320	454508.32	0.1789	P	1.3
8	☐	20000.000	20610.685	625436.59	0.2548	P	3.3
9	☐			275232.46	0.1114	P	0.6

$$y = 6.6274\text{E-}006 * x + 0.1182$$

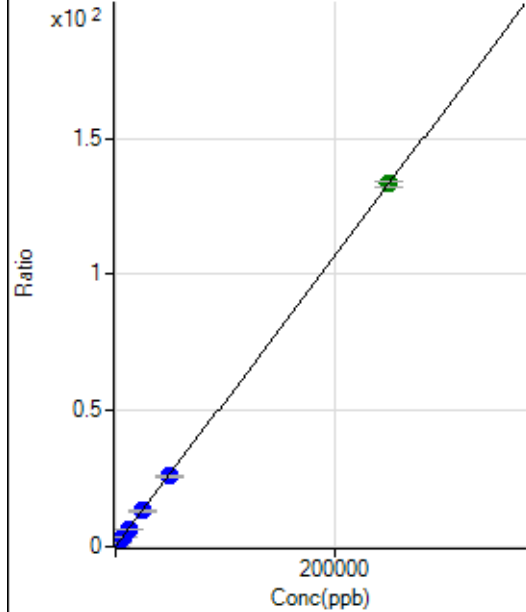
$$R = 0.9981$$

$$DL = 155.3$$

$$BEC = 1.784\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2264.18	0.0969	P	4.2
2	☐	50.000					
3	☐	500.000	458.882	7666.35	0.3410	P	4.5
4	☐	2500.000	2492.850	31572.66	1.4230	P	1.8
5	☐	6250.000	6275.234	73059.20	3.4349	P	1.3
6	☐	12500.000	12262.711	137564.55	6.6198	P	0.4
7	☐	25000.000	24440.283	258746.85	13.0974	P	0.5
8	☐	50000.000	48573.410	505745.06	25.9344	P	2.7
9	☐	250000.00	250352.67	2609672.91	133.2659	A	1.5

$$y = 5.3193\text{E-}004 * x + 0.0969$$

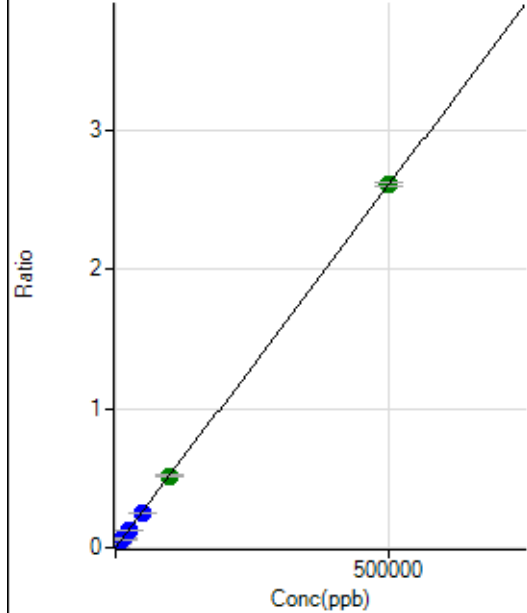
$$R = 1.0000$$

$$DL = 23.19$$

$$BEC = 182.3$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	802.84	0.0003	P	12.1
2	☐	50.000					
3	☐	500.000	453.016	6929.80	0.0027	P	1.0
4	☐	5000.000	4791.831	64897.78	0.0253	P	1.7
5	☐	12500.000	11969.195	161176.43	0.0627	P	1.8
6	☐	25000.000	24083.369	320717.18	0.1258	P	0.7
7	☐	50000.000	48203.948	638721.74	0.2515	P	0.6
8	☐	100000.00	99028.282	1267387.39	0.5163	A	3.1
9	☐	500000.00	500435.17	6445293.24	2.6078	A	1.2

$$y = 5.2105\text{E-}006 * x + 3.0560\text{E-}004$$

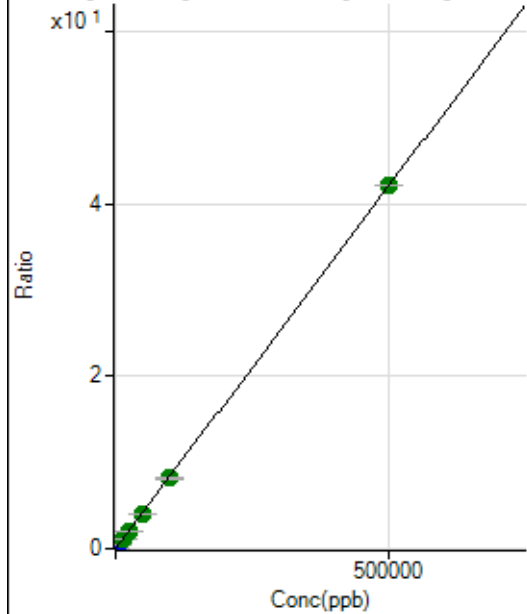
$$R = 1.0000$$

$$DL = 21.22$$

$$BEC = 58.65$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10190.23	0.0039	P	2.3
2	☐	50.000					
3	☐	500.000	456.331	109861.31	0.0423	P	0.4
4	☐	5000.000	4881.417	1064237.65	0.4145	P	0.6
5	☐	12500.000	12275.625	2665816.53	1.0365	A	0.2
6	☐	25000.000	24143.614	5187933.71	2.0348	A	0.2
7	☐	50000.000	48242.207	10317319.85	4.0620	A	0.4
8	☐	100000.00	97908.973	20226202.02	8.2399	A	3.2
9	☐	500000.00	500643.64	104100548.1	42.1176	A	0.2

$$y = 8.4119\text{E-}005 * x + 0.0039$$

$$R = 1.0000$$

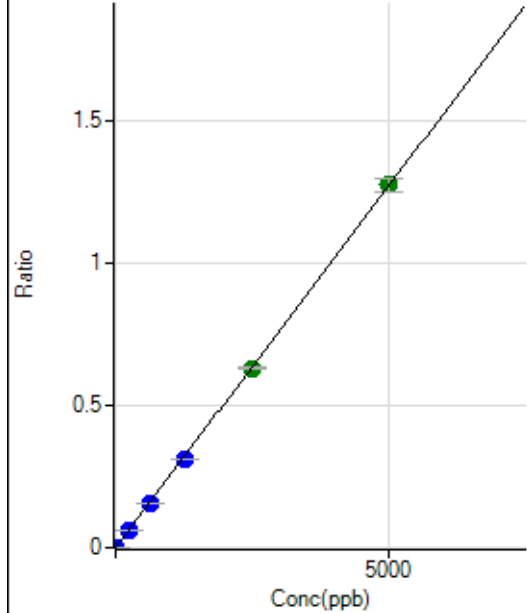
$$DL = 3.143$$

$$BEC = 46.13$$

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	119.45	0.0000	P	4.5
2	☐	0.500					
3	☐	5.000	4.734	3247.76	0.0012	P	2.2
4	☐	250.000	245.593	160471.09	0.0625	P	0.9
5	☐	625.000	612.387	400649.10	0.1558	P	0.5
6	☐	1250.000	1222.590	792807.78	0.3110	P	0.3
7	☐	2500.000	2482.109	1603357.54	0.6313	A	0.7
8	☐	5000.000	5017.595	3132170.01	1.2761	A	3.4
9	☐			2091.92	0.0008	P	12.4

$$y = 2.5431\text{E-}004 * x + 4.5487\text{E-}005$$

$$R = 1.0000$$

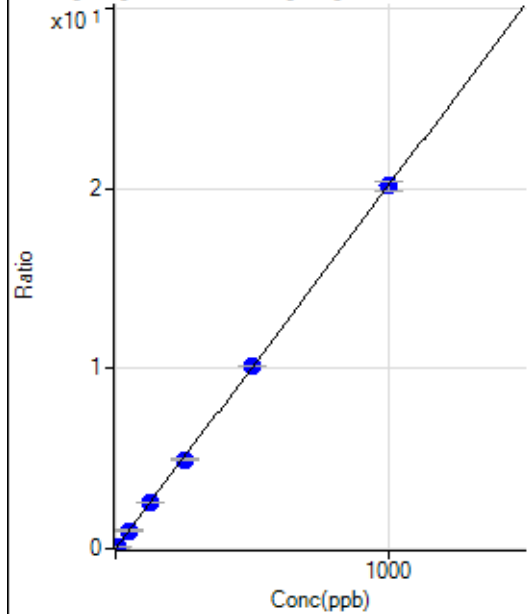
$$DL = 0.024$$

$$BEC = 0.1789$$

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	7.78	0.0003	P	24.5
2	☐	0.500					
3	☐	5.000	4.583	2085.75	0.0928	P	3.5
4	☐	50.000	50.016	22387.01	1.0090	P	2.0
5	☐	125.000	124.944	53602.17	2.5201	P	0.3
6	☐	250.000	246.014	103108.05	4.9618	P	1.1
7	☐	500.000	503.094	200446.67	10.1464	P	0.7
8	☐	1000.000	999.458	393085.93	20.1568	P	2.6
9	☐			175.56	0.0090	P	16.9

$$y = 0.0202 * x + 3.3300\text{E-}004$$

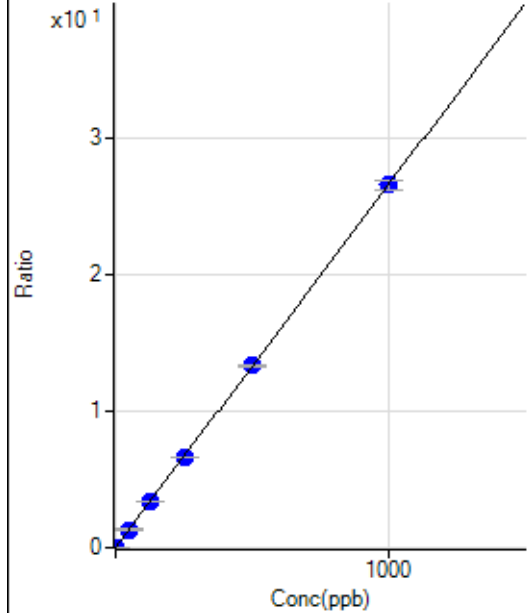
$$R = 1.0000$$

$$DL = 0.01216$$

$$BEC = 0.01651$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	275.56	0.0118	P	5.7
2	☐	0.200					
3	☐	2.000	1.993	1454.55	0.0647	P	3.5
4	☐	50.000	49.889	29629.36	1.3354	P	0.9
5	☐	125.000	124.816	70682.76	3.3232	P	0.4
6	☐	250.000	246.217	135990.63	6.5440	P	0.0
7	☐	500.000	502.539	263614.56	13.3442	P	1.0
8	☐	1000.000	999.705	517423.41	26.5340	P	3.0
9	☐			15448.73	0.7888	P	1.3

$$y = 0.0265 * x + 0.0118$$

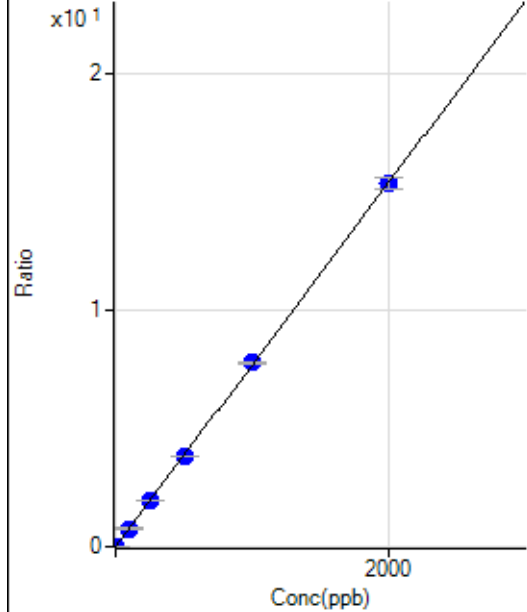
$$R = 1.0000$$

$$DL = 0.07582$$

$$BEC = 0.4449$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.33	0.0006	P	42.0
2	☐	0.100					
3	☐	1.000	1.010	187.78	0.0083	P	12.3
4	☐	100.000	99.952	17076.16	0.7697	P	2.7
5	☐	250.000	253.786	41546.24	1.9533	P	1.2
6	☐	500.000	498.614	79740.38	3.8372	P	0.3
7	☐	1000.000	1010.966	153686.45	7.7795	P	0.8
8	☐	2000.000	1994.393	299255.53	15.3465	P	3.1
9	☐			1202.30	0.0614	P	6.9

$$y = 0.0077 * x + 5.6895E-004$$

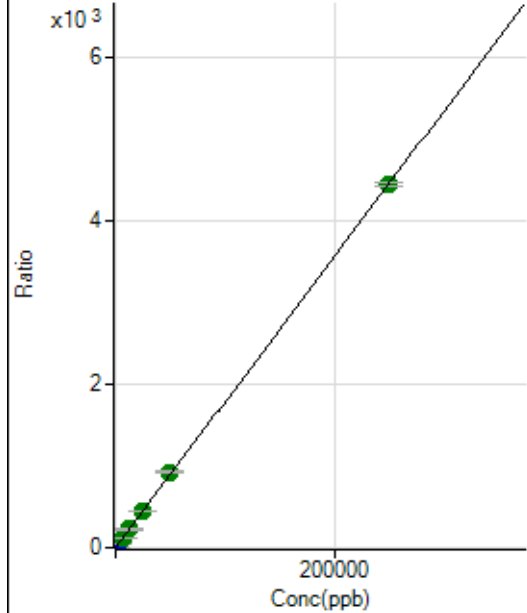
$$R = 1.0000$$

$$DL = 0.09316$$

$$BEC = 0.07394$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1344.55	0.0575	P	12.1
2	☐	5.000					
3	☐	50.000	47.341	20196.61	0.8982	P	2.3
4	☐	2500.000	2504.657	988182.66	44.5379	P	0.5
5	☐	6250.000	6425.037	2428148.35	114.1602	A	0.2
6	☐	12500.000	12586.738	4646339.40	223.5862	A	0.4
7	☐	25000.000	25487.844	8943124.39	452.6978	A	0.9
8	☐	50000.000	51624.552	17880028.99	916.8613	A	2.6
9	☐	250000.00	249617.54	86811703.79	4,433.031	A	1.2

$$y = 0.0178 * x + 0.0575$$

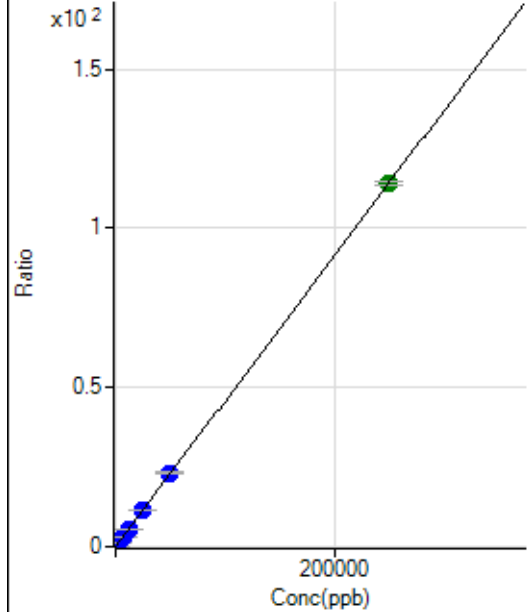
$$R = 1.0000$$

$$DL = 1.173$$

$$BEC = 3.238$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0019	P	22.7
2	☐	5.000					
3	☐	50.000	45.964	514.84	0.0229	P	11.8
4	☐	2500.000	2449.275	24826.44	1.1190	P	2.1
5	☐	6250.000	6111.323	59324.75	2.7892	P	1.1
6	☐	12500.000	12333.539	116930.90	5.6270	P	1.0
7	☐	25000.000	24924.382	224605.20	11.3695	P	0.9
8	☐	50000.000	50544.442	449582.39	23.0543	P	2.7
9	☐	250000.00	249910.97	2232089.17	113.9816	A	1.2

$$y = 4.5608E-004 * x + 0.0019$$

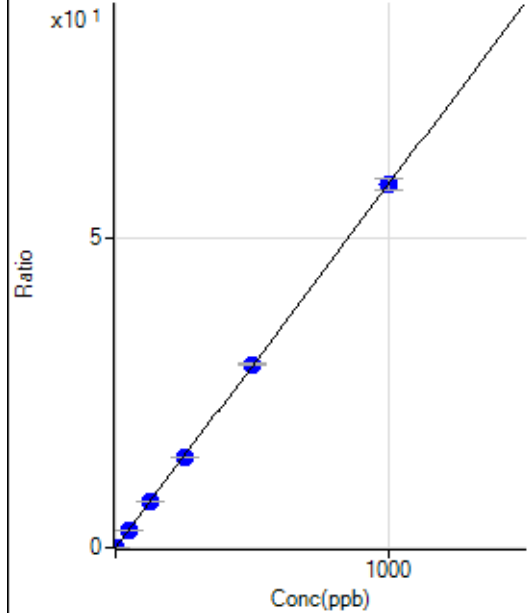
$$R = 1.0000$$

$$DL = 2.84$$

$$BEC = 4.179$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	54.44	0.0023	P	31.0
2	☐	0.100					
3	☐	1.000	0.929	1276.75	0.0568	P	11.6
4	☐	50.000	49.934	65026.48	2.9308	P	0.8
5	☐	125.000	124.849	155783.75	7.3243	P	0.7
6	☐	250.000	246.848	300887.17	14.4792	P	0.6
7	☐	500.000	504.621	584705.51	29.5968	P	0.6
8	☐	1000.000	998.500	1141945.40	58.5612	P	3.1
9	☐			14091.75	0.7195	P	0.6

$$y = 0.0586 * x + 0.0023$$

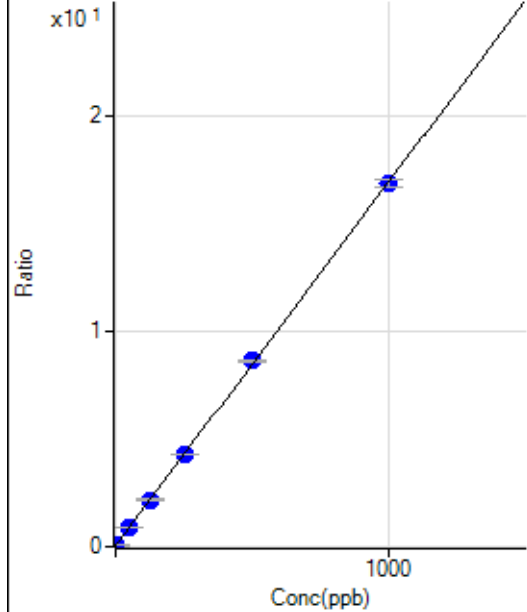
$$R = 1.0000$$

$$DL = 0.03691$$

$$BEC = 0.0397$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	853.38	0.0365	P	7.3
2	☐	0.100					
3	☐	1.000	0.797	1124.51	0.0500	P	10.9
4	☐	50.000	50.405	19658.49	0.8860	P	0.9
5	☐	125.000	127.118	46343.64	2.1789	P	0.9
6	☐	250.000	250.096	88351.36	4.2515	P	0.2
7	☐	500.000	508.377	169983.11	8.6044	P	0.8
8	☐	1000.000	995.503	327913.87	16.8141	P	2.2
9	☐			9830.30	0.5019	P	0.6

$$y = 0.0169 * x + 0.0365$$

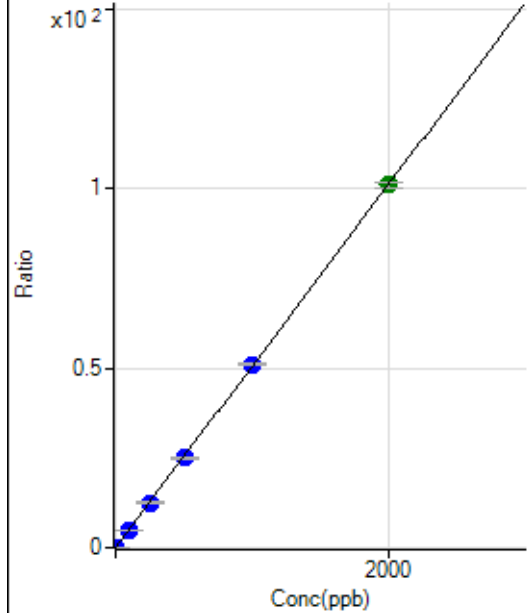
$$R = 0.9999$$

$$DL = 0.4729$$

$$BEC = 2.168$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	157.78	0.0068	P	13.4
2	☐	0.200					
3	☐	2.000	1.870	2279.11	0.1014	P	3.4
4	☐	100.000	98.466	110658.09	4.9875	P	1.0
5	☐	250.000	248.670	267681.54	12.5853	P	1.1
6	☐	500.000	492.957	518315.28	24.9421	P	0.5
7	☐	1000.000	1008.049	1007447.97	50.9970	P	1.0
8	☐	2000.000	1997.979	1971207.92	101.0708	A	1.9
9	☐			2364.69	0.1208	P	7.6

$$y = 0.0506 * x + 0.0068$$

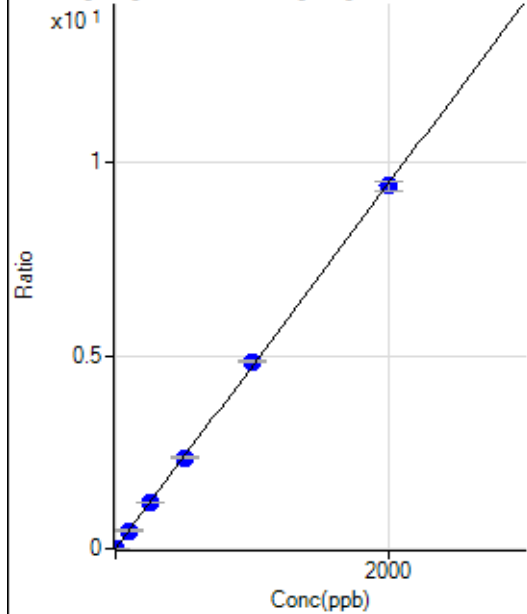
$$R = 1.0000$$

$$DL = 0.0536$$

$$BEC = 0.1336$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.33	0.0027	P	44.6
2	☐	0.200					
3	☐	2.000	2.156	290.01	0.0129	P	13.6
4	☐	100.000	98.521	10382.94	0.4680	P	3.1
5	☐	250.000	251.487	25319.96	1.1904	P	0.7
6	☐	500.000	499.084	49036.45	2.3598	P	1.5
7	☐	1000.000	1024.674	95651.24	4.8420	P	1.4
8	☐	2000.000	1987.780	183127.38	9.3905	P	2.6
9	☐			972.27	0.0496	P	5.0

$$y = 0.0047 * x + 0.0027$$

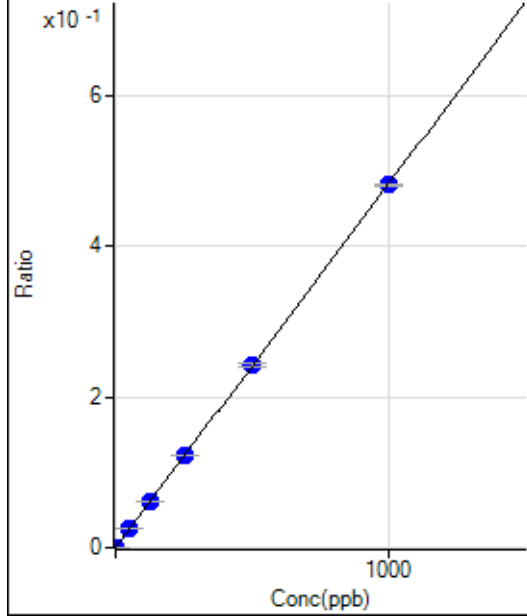
$$R = 0.9999$$

$$DL = 0.7664$$

$$BEC = 0.5723$$

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	4.94	0.0000	P	108.
2	☐	0.100					
3	☐	1.000	1.014	86.42	0.0005	P	31.5
4	☐	50.000	52.861	4158.69	0.0255	P	1.1
5	☐	125.000	126.916	9872.73	0.0613	P	0.8
6	☐	250.000	252.809	19230.73	0.1220	P	1.2
7	☐	500.000	502.503	37561.36	0.2425	P	1.4
8	☐	1000.000	997.664	73098.08	0.4815	P	0.8
9	☐			133.34	0.0009	P	2.3

$$y = 4.8260\text{E-}004 * x + 2.9287\text{E-}005$$

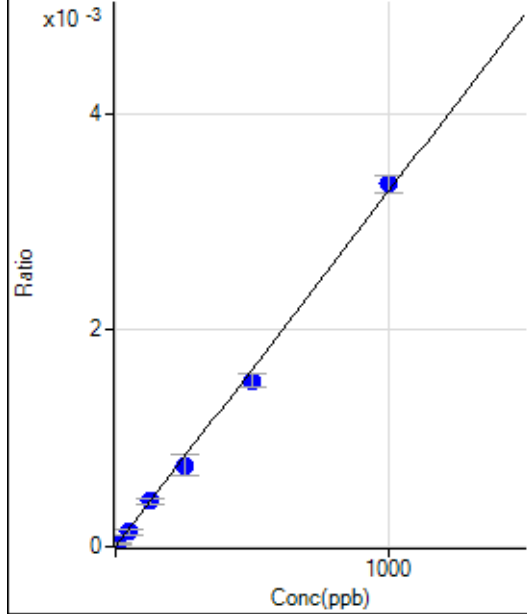
$$R = 1.0000$$

$$DL = 0.1973$$

$$BEC = 0.06069$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	6.105	3.33	0.0000	P	100.
4	☐	50.000	41.574	22.22	0.0001	P	31.2
5	☐	125.000	128.180	67.78	0.0004	P	14.4
6	☐	250.000	229.892	118.89	0.0008	P	26.1
7	☐	500.000	467.483	237.78	0.0015	P	8.2
8	☐	1000.000	1021.304	508.91	0.0034	P	4.8
9	☐			2.22	0.0000	P	86.6

$$y = 3.2825\text{E-}006 * x + 0.0000\text{E+}000$$

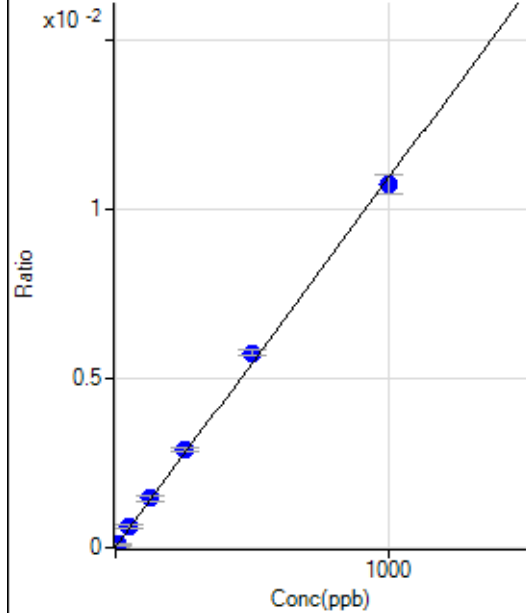
$$R = 0.9990$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.47	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	6.479	14.20	0.0001	P	42.2
4	☐	50.000	57.439	104.32	0.0006	P	20.3
5	☐	125.000	132.876	235.81	0.0015	P	13.4
6	☐	250.000	264.273	456.19	0.0029	P	4.1
7	☐	500.000	526.590	891.40	0.0058	P	2.9
8	☐	1000.000	981.773	1627.27	0.0107	P	5.1
9	☐			4.32	0.0000	P	49.6

$$y = 1.0901\text{E-}005 * x + 1.4616\text{E-}005$$

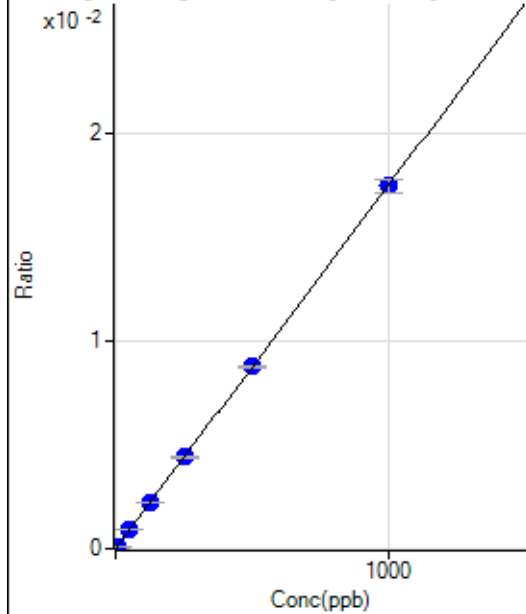
$$R = 0.9994$$

$$DL = 3.484$$

$$BEC = 1.341$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-60.34	0.0000	P	-96.
2	☐	0.500					
3	☐	5.000	4.582	345.94	0.0001	P	3.6
4	☐	50.000	52.005	4529.15	0.0009	P	1.7
5	☐	125.000	127.011	11259.31	0.0022	P	1.4
6	☐	250.000	252.683	22572.18	0.0044	P	2.2
7	☐	500.000	501.506	45353.09	0.0088	P	0.9
8	☐	1000.000	998.227	88519.54	0.0174	P	4.0
9	☐			83.25	0.0000	P	22.0

$$y = 1.7488\text{E-}005 * x - 1.1812\text{E-}005$$

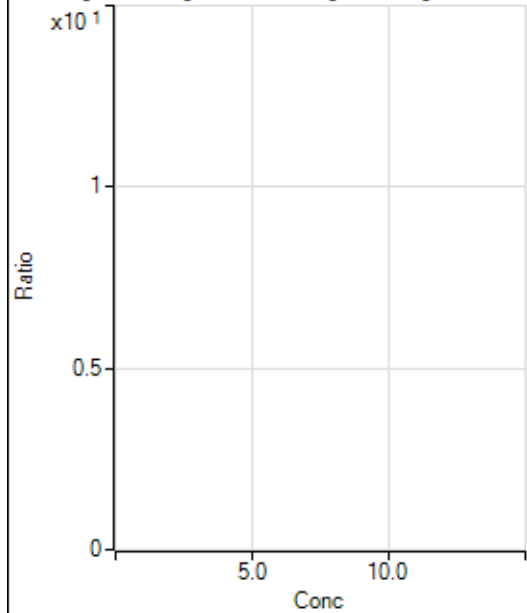
$$R = 1.0000$$

$$DL = 1.946$$

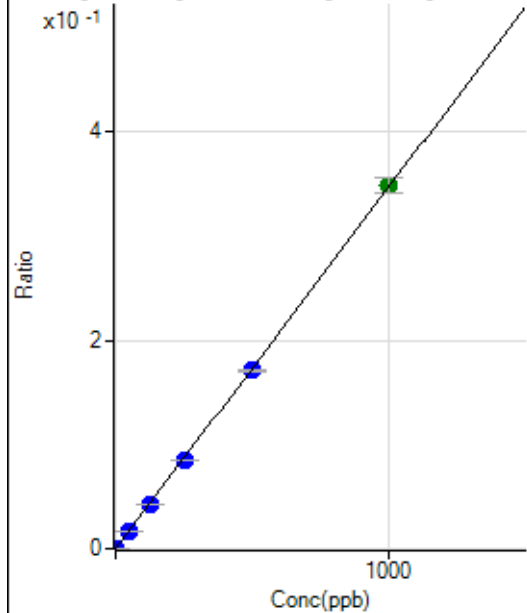
$$BEC = -0.6754$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av.

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			420.02	0.0001	P	8.4
2	☐						
3	☐			446.68	0.0001	P	2.1
4	☐			343.35	0.0001	P	10.5
5	☐			385.57	0.0001	P	4.8
6	☐			366.68	0.0001	P	3.7
7	☐			412.24	0.0001	P	6.0
8	☐			363.35	0.0001	P	17.0
9	☐			401.12	0.0001	P	8.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	627.83	0.0001	P	13.6
2	☐	0.100					
3	☐	1.000	0.922	2236.40	0.0004	P	2.2
4	☐	50.000	49.480	87015.87	0.0172	P	0.8
5	☐	125.000	124.076	219456.47	0.0431	P	1.2
6	☐	250.000	246.802	438116.83	0.0855	P	0.3
7	☐	500.000	492.545	883303.63	0.1706	P	0.5
8	☐	1000.000	1004.668	1764729.66	0.3478	A	4.3
9	☐			58484.57	0.0117	P	1.4

$$y = 3.4607E-004 * x + 1.2258E-004$$

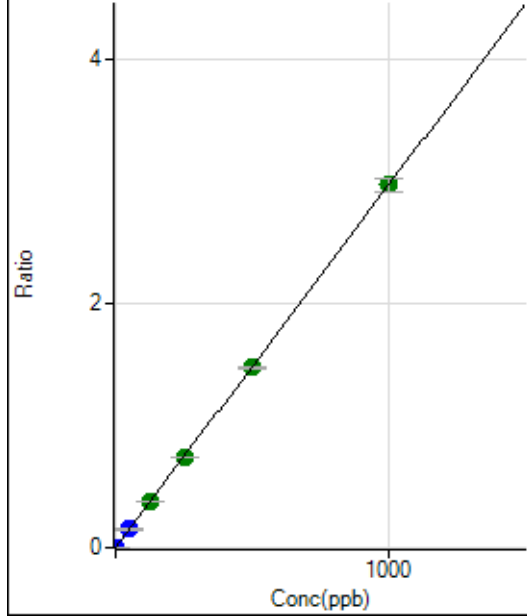
$$R = 1.0000$$

$$DL = 0.1443$$

$$BEC = 0.3542$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	102.78	0.0000	P	9.9
2	☐	0.100					
3	☐	1.000	0.952	14430.44	0.0028	P	1.7
4	☐	50.000	50.445	756942.68	0.1500	P	0.3
5	☐	125.000	127.031	1925133.70	0.3778	A	0.4
6	☐	250.000	250.674	3818085.16	0.7454	A	0.5
7	☐	500.000	496.831	7650238.28	1.4774	A	0.8
8	☐	1000.000	1001.140	15107203.46	2.9770	A	3.6
9	☐			505643.11	0.1008	P	0.6

$$y = 0.0030 * x + 2.0065E-005$$

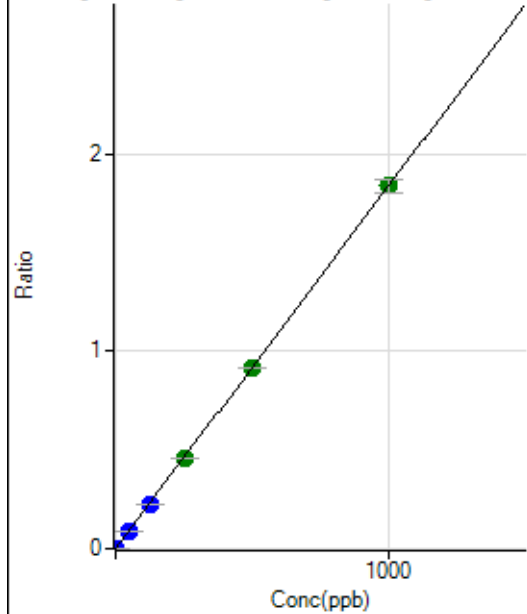
$$R = 1.0000$$

$$DL = 0.002$$

$$BEC = 0.006748$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	363.91	0.0001	P	2.1
2	☐	0.100					
3	☐	1.000	0.890	8639.26	0.0017	P	7.3
4	☐	50.000	49.002	454574.94	0.0901	P	0.6
5	☐	125.000	123.955	1160898.33	0.2278	P	0.2
6	☐	250.000	250.348	2356186.38	0.4600	A	0.8
7	☐	500.000	499.335	4750672.63	0.9174	A	0.5
8	☐	1000.000	1000.426	9326871.21	1.8380	A	3.8
9	☐			2667.07	0.0005	P	3.5

$$y = 0.0018 * x + 7.1011E-005$$

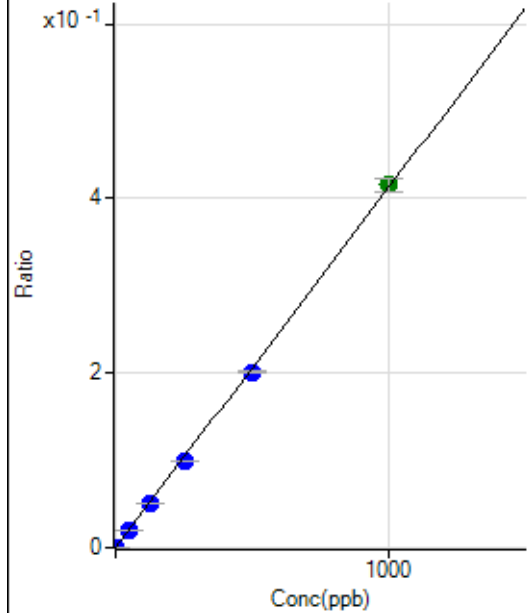
$$R = 1.0000$$

$$DL = 0.002428$$

$$BEC = 0.03865$$

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	88.89	0.0000	P	33.4
2	☐	0.100					
3	☐	1.000	0.912	1991.90	0.0004	P	9.8
4	☐	50.000	48.584	101169.00	0.0201	P	2.2
5	☐	125.000	122.419	257344.23	0.0505	P	0.6
6	☐	250.000	242.083	511399.47	0.0998	P	0.2
7	☐	500.000	488.397	1042950.79	0.2014	P	1.0
8	☐	1000.000	1008.174	2109597.68	0.4157	A	4.0
9	☐			566.71	0.0001	P	15.5

$$y = 4.1235\text{E-}004 * x + 1.7369\text{E-}005$$

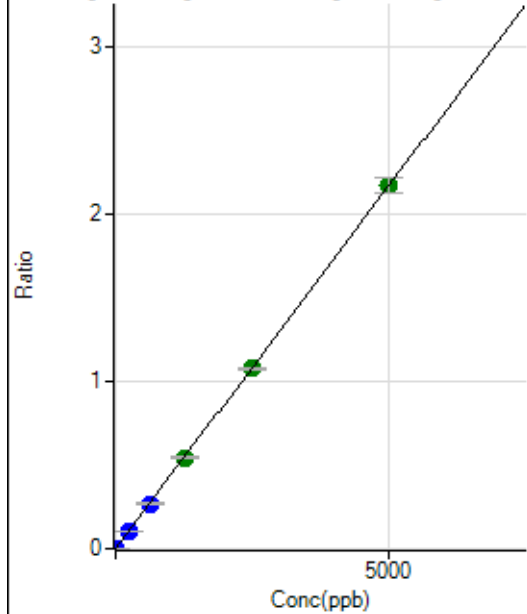
$$R = 0.9999$$

$$DL = 0.0422$$

$$BEC = 0.04212$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.57	0.0000	P	11.8
2	☐	0.500					
3	☐	5.000	4.502	10070.87	0.0020	P	2.2
4	☐	250.000	248.980	544020.99	0.1078	P	0.7
5	☐	625.000	622.086	1372592.01	0.2693	P	0.5
6	☐	1250.000	1258.747	2791236.76	0.5449	A	1.2
7	☐	2500.000	2486.719	5574583.46	1.0765	A	0.6
8	☐	5000.000	5004.870	10993653.20	2.1666	A	4.1
9	☐			14953.28	0.0030	P	3.9

$$y = 4.3289\text{E-}004 * x + 4.0098\text{E-}005$$

$$R = 1.0000$$

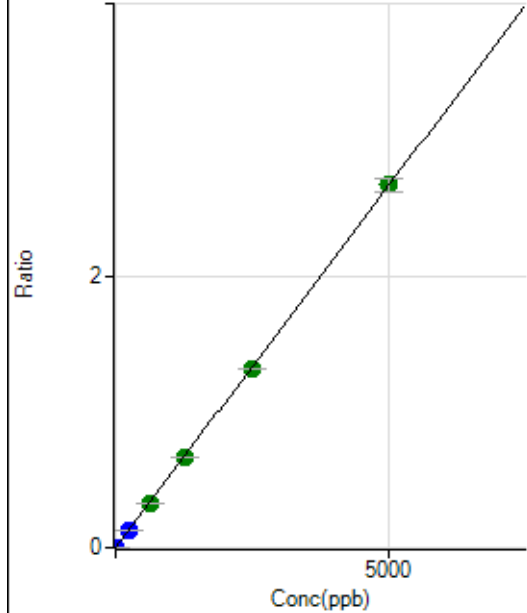
$$DL = 0.03279$$

$$BEC = 0.09263$$

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	219.46	0.0000	P	37.6
2	☐	0.500					
3	☐	5.000	4.507	12356.19	0.0024	P	0.8
4	☐	250.000	247.195	663596.60	0.1315	P	0.6
5	☐	625.000	623.206	1689464.42	0.3315	A	0.4
6	☐	1250.000	1247.391	3398568.70	0.6635	A	0.2
7	☐	2500.000	2470.340	6804111.70	1.3140	A	0.8
8	☐	5000.000	5015.847	13538529.82	2.6678	A	3.7
9	☐			24406.23	0.0049	P	4.1

$$y = 5.3187\text{E-}004 * x + 4.2787\text{E-}005$$

$$R = 1.0000$$

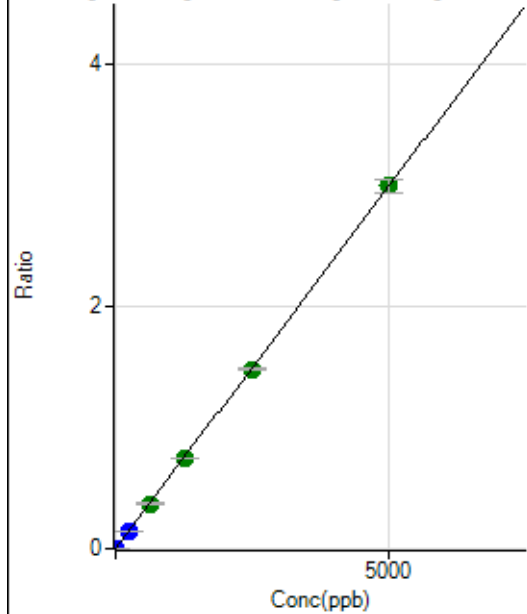
$$DL = 0.0908$$

$$BEC = 0.08045$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.24	0.0000	P	26.1
2	☐	0.500					
3	☐	5.000	4.524	13899.37	0.0027	P	2.1
4	☐	250.000	246.108	741602.32	0.1470	P	0.8
5	☐	625.000	623.618	1897691.08	0.3724	A	0.6
6	☐	1250.000	1251.485	3827567.01	0.7472	A	1.0
7	☐	2500.000	2481.055	7670886.28	1.4814	A	0.5
8	☐	5000.000	5009.469	15177408.33	2.9909	A	3.8
9	☐			27779.44	0.0055	P	5.7

$$y = 5.9705\text{E-}004 * x + 4.3330\text{E-}005$$

$$R = 1.0000$$

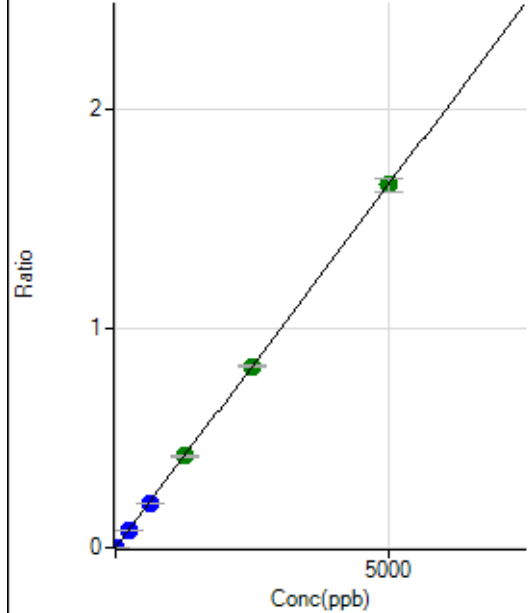
$$DL = 0.05686$$

$$BEC = 0.07257$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	32.9
2	☐	0.500					
3	☐	5.000	4.523	7744.22	0.0015	P	4.1
4	☐	250.000	247.748	414831.38	0.0822	P	0.8
5	☐	625.000	618.384	1045601.16	0.2052	P	0.5
6	☐	1250.000	1260.893	2142612.16	0.4183	A	1.4
7	☐	2500.000	2500.386	4295527.01	0.8295	A	0.5
8	☐	5000.000	4998.024	8413931.09	1.6581	A	3.8
9	☐			15131.32	0.0030	P	8.2

$$y = 3.3174\text{E-}004 * x + 2.8190\text{E-}005$$

$$R = 1.0000$$

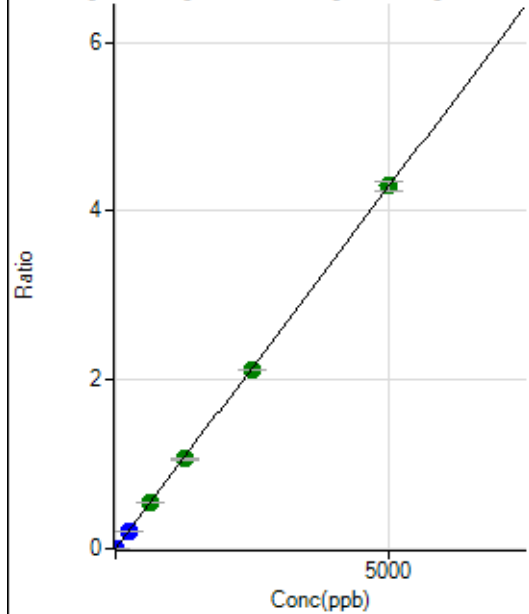
$$DL = 0.08386$$

$$BEC = 0.08498$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.34	0.0000	P	23.7
2	☐	0.500					
3	☐	5.000	4.584	20107.30	0.0040	P	3.5
4	☐	250.000	246.140	1065169.88	0.2111	P	0.7
5	☐	625.000	628.914	2748610.76	0.5393	A	0.4
6	☐	1250.000	1236.252	5430236.32	1.0602	A	0.8
7	☐	2500.000	2477.873	11003336.53	2.1249	A	0.3
8	☐	5000.000	5014.205	21824477.40	4.2998	A	2.8
9	☐			38165.90	0.0076	P	5.9

$$y = 8.5752\text{E-}004 * x + 4.0623\text{E-}005$$

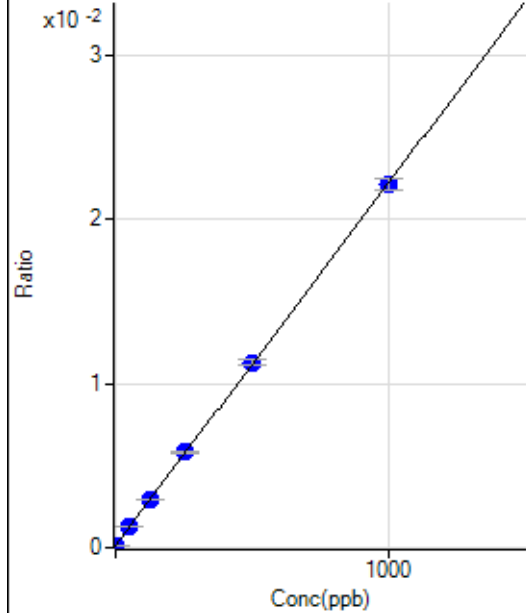
$$R = 1.0000$$

$$DL = 0.03374$$

$$BEC = 0.04737$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	844.51	0.0001	P	6.3
2	☐	0.100					
3	☐	1.000	1.832	1080.66	0.0002	P	2.3
4	☐	50.000	52.381	8244.59	0.0013	P	1.7
5	☐	125.000	128.162	19345.15	0.0030	P	0.9
6	☐	250.000	258.229	38545.31	0.0058	P	1.6
7	☐	500.000	505.241	76417.01	0.0113	P	3.0
8	☐	1000.000	994.807	148221.57	0.0221	P	3.0
9	☐			955.64	0.0001	P	17.1

$$y = 2.2116E-005 * x + 1.2929E-004$$

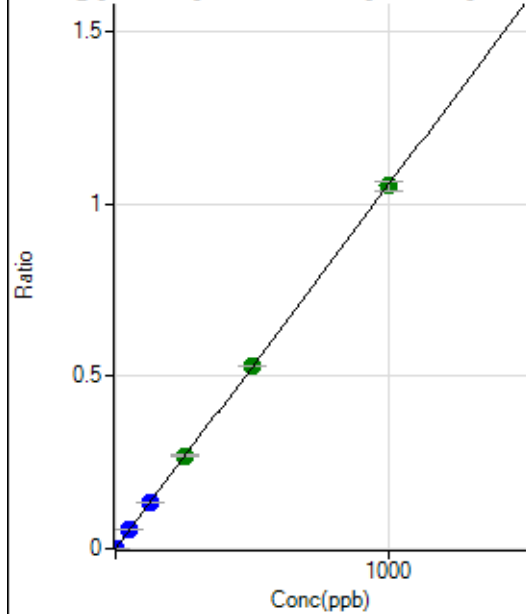
$$R = 0.9999$$

$$DL = 1.098$$

$$BEC = 5.846$$

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	36.11	0.0000	P	70.5
2	☐	0.100					
3	☐	1.000	0.970	6551.87	0.0010	P	0.3
4	☐	50.000	51.699	349307.71	0.0546	P	1.5
5	☐	125.000	127.006	874756.91	0.1340	P	0.8
6	☐	250.000	255.301	1778054.82	0.2694	A	0.9
7	☐	500.000	501.684	3579183.15	0.5294	A	0.2
8	☐	1000.000	997.497	7049857.71	1.0526	A	2.8
9	☐			605.59	0.0001	P	12.6

$$y = 0.0011 * x + 5.5350E-006$$

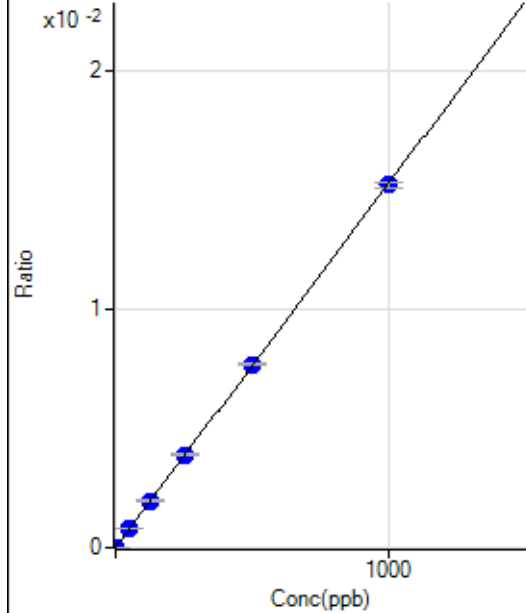
$$R = 1.0000$$

$$DL = 0.0111$$

$$BEC = 0.005245$$

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	6.95	0.0000	P	69.2
2	☐	0.100					
3	☐	1.000	0.830	87.50	0.0000	P	12.5
4	☐	50.000	52.238	5120.53	0.0008	P	3.9
5	☐	125.000	128.442	12825.83	0.0020	P	2.0
6	☐	250.000	255.091	25751.33	0.0039	P	1.5
7	☐	500.000	503.169	52025.08	0.0077	P	0.6
8	☐	1000.000	996.601	102091.11	0.0152	P	1.8
9	☐			26.39	0.0000	P	32.9

$$y = 1.5291\text{E-}005 * x + 1.0635\text{E-}006$$

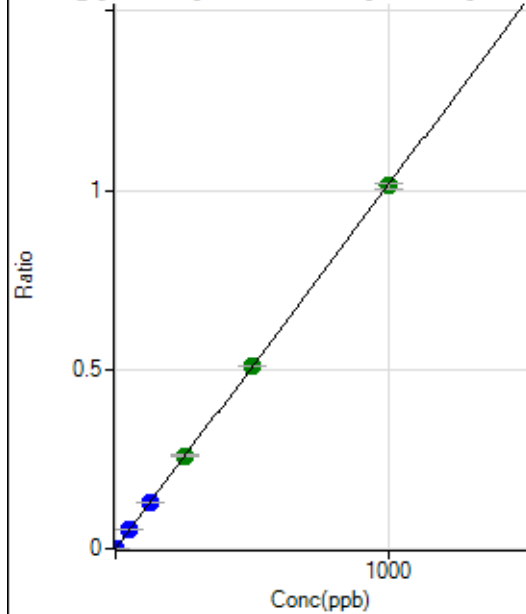
$$R = 1.0000$$

$$DL = 0.1444$$

$$BEC = 0.06955$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	77.8
2	☐	0.100					
3	☐	1.000	1.003	6501.86	0.0010	P	5.9
4	☐	50.000	51.362	334048.18	0.0522	P	0.6
5	☐	125.000	125.975	835189.02	0.1280	P	0.7
6	☐	250.000	256.015	1716351.95	0.2601	A	0.6
7	☐	500.000	503.283	3456262.14	0.5112	A	0.4
8	☐	1000.000	996.665	6781811.44	1.0124	A	1.5
9	☐			544.48	0.0001	P	9.5

$$y = 0.0010 * x + 3.3984\text{E-}006$$

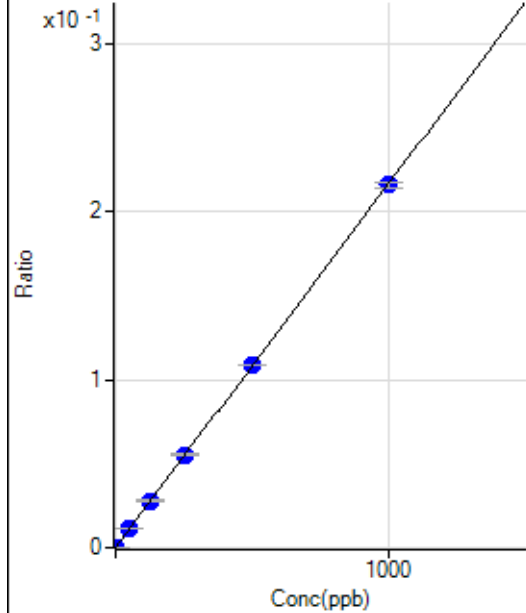
$$R = 1.0000$$

$$DL = 0.007806$$

$$BEC = 0.003346$$

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	593.24	0.0001	P	6.2
2	☐	0.100					
3	☐	1.000	1.050	2023.09	0.0003	P	3.0
4	☐	50.000	51.672	72128.74	0.0113	P	0.3
5	☐	125.000	128.376	181790.23	0.0279	P	1.5
6	☐	250.000	254.911	364431.44	0.0552	P	1.3
7	☐	500.000	501.698	734162.59	0.1086	P	0.3
8	☐	1000.000	997.418	1445512.62	0.2158	P	1.9
9	☐			981.04	0.0001	P	11.0

$$y = 2.1626\text{E-}004 * x + 9.0825\text{E-}005$$

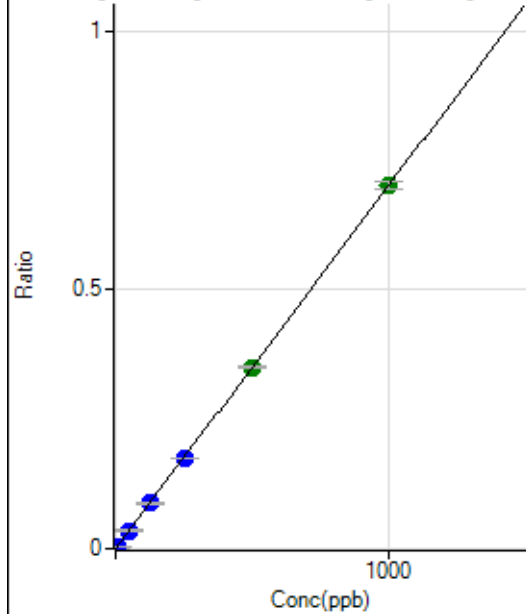
$$R = 1.0000$$

$$DL = 0.0782$$

$$BEC = 0.42$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	463.92	0.0001	P	7.0
2	☐	0.500					
3	☐	5.000	4.599	20961.63	0.0033	P	0.6
4	☐	50.000	49.908	224385.59	0.0350	P	1.7
5	☐	125.000	125.002	572219.71	0.0877	P	1.2
6	☐	250.000	248.990	1152128.82	0.1746	P	0.8
7	☐	500.000	500.761	2373184.80	0.3510	A	0.5
8	☐	1000.000	999.878	4694287.47	0.7008	A	2.0
9	☐			13165.39	0.0020	P	1.7

$$y = 7.0082\text{E-}004 * x + 7.1020\text{E-}005$$

$$R = 1.0000$$

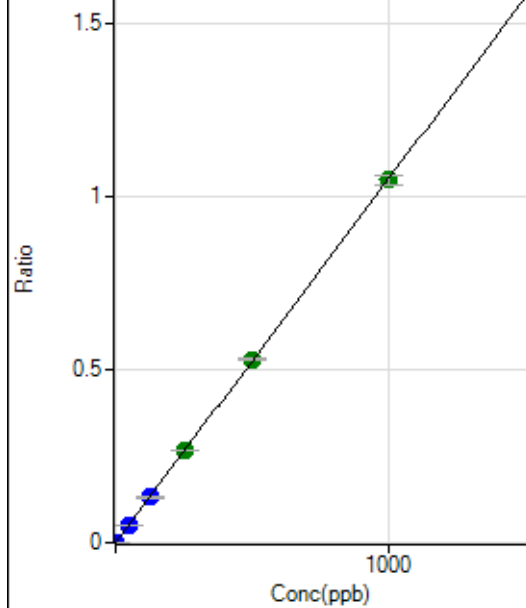
$$DL = 0.02116$$

$$BEC = 0.1013$$

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	572.27	0.0001	P	26.4
2	☐	0.200					
3	☐	2.000	1.851	12931.79	0.0020	P	1.2
4	☐	50.000	49.472	333235.33	0.0520	P	0.9
5	☐	125.000	124.274	852497.83	0.1306	P	0.4
6	☐	250.000	253.680	1759069.75	0.2665	A	1.0
7	☐	500.000	503.120	3573207.46	0.5285	A	0.8
8	☐	1000.000	997.638	7018542.60	1.0479	A	2.8
9	☐			25347.32	0.0038	P	10.1

$$y = 0.0011 * x + 8.7583E-005$$

$$R = 1.0000$$

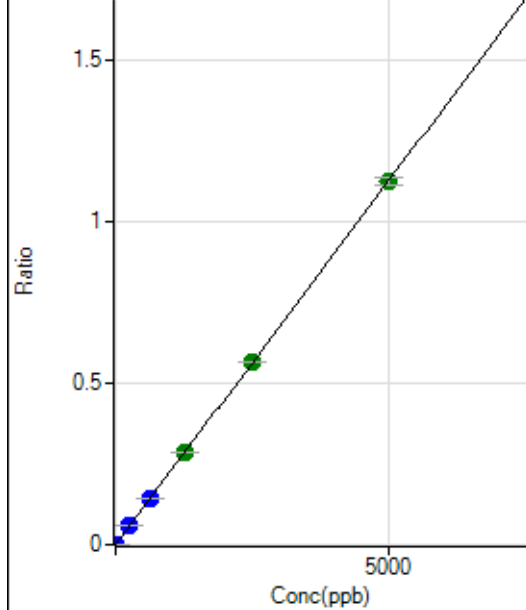
$$DL = 0.06598$$

$$BEC = 0.08339$$

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	30.56	0.0000	P	31.2
2	☐	1.000					
3	☐	10.000	9.228	13240.53	0.0021	P	2.2
4	☐	250.000	253.097	364589.48	0.0569	P	1.0
5	☐	625.000	623.395	915449.11	0.1403	P	0.5
6	☐	1250.000	1274.771	1892830.08	0.2868	A	1.0
7	☐	2500.000	2510.169	3818025.21	0.5647	A	0.6
8	☐	5000.000	4988.770	7517643.83	1.1223	A	2.3
9	☐			2130.82	0.0003	P	12.1

$$y = 2.2497E-004 * x + 4.6756E-006$$

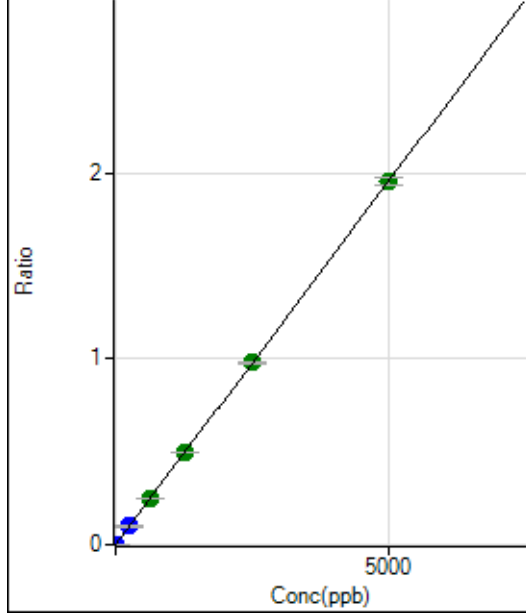
$$R = 1.0000$$

$$DL = 0.01943$$

$$BEC = 0.02078$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	16.8
2	☐	1.000					
3	☐	10.000	9.290	23176.70	0.0036	P	0.6
4	☐	250.000	251.631	630317.05	0.0985	P	0.9
5	☐	625.000	633.806	1618414.63	0.2480	A	0.6
6	☐	1250.000	1267.762	3273446.75	0.4960	A	0.8
7	☐	2500.000	2501.437	6616332.40	0.9786	A	0.3
8	☐	5000.000	4993.660	13086324.16	1.9536	A	1.9
9	☐			3656.23	0.0006	P	5.1

$$y = 3.9122E-004 * x + 7.6574E-006$$

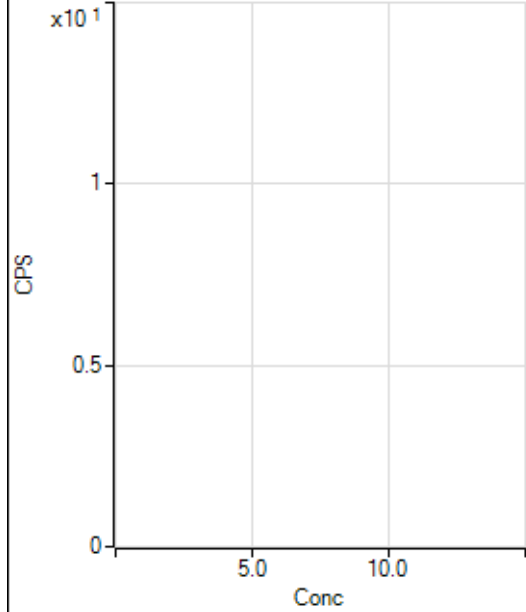
$$R = 1.0000$$

$$DL = 0.009864$$

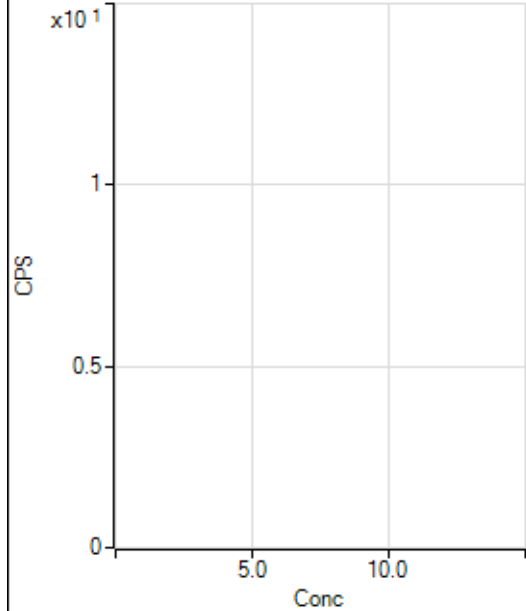
$$BEC = 0.01957$$

Weight: <None>

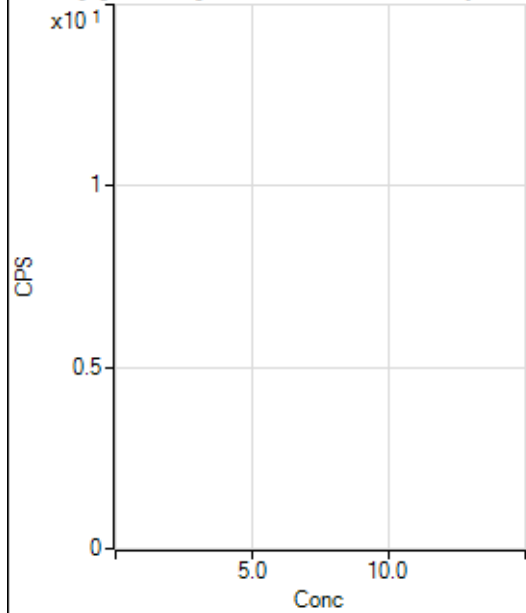
Min Conc: 0

150 Nd [No Gas] No available calibration points

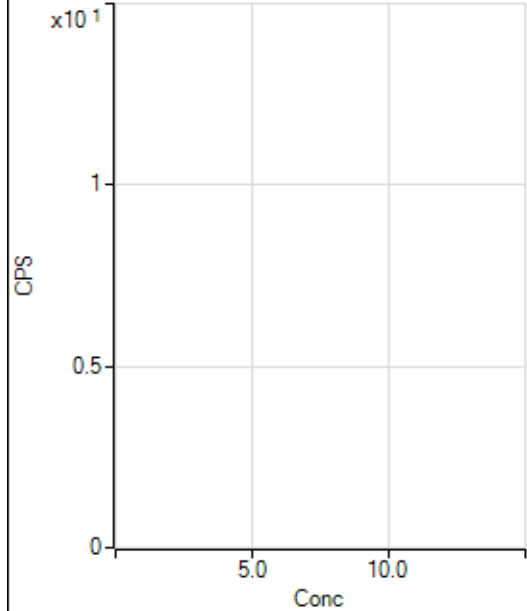
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐						
3	☐			6.67		P	100.
4	☐			24.45		P	15.8
5	☐			44.45		P	8.7
6	☐			84.45		P	9.1
7	☐			202.23		P	37.1
8	☐			337.80		P	4.6
9	☐			102.23		P	29.4

150 Nd [He] No available calibration points

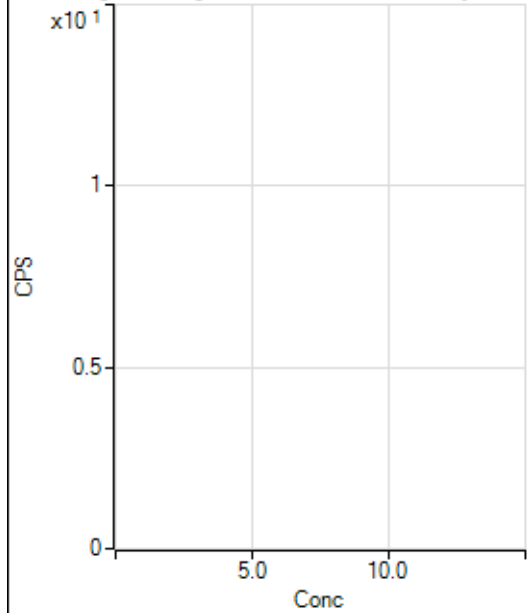
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.
6	☐			1.11		P	173.
7	☐			4.44		P	114.
8	☐			5.56		P	91.6
9	☐			17.78		P	57.3

156 Dy [No Gas] No available calibration points

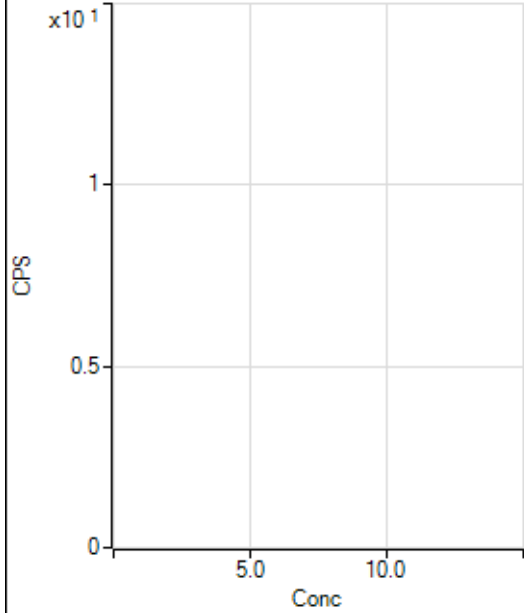
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	173.
2	☐						
3	☐			11.11		P	43.3
4	☐			5.56		P	173.
5	☐			16.67		P	50.0
6	☐			27.78		P	45.8
7	☐			63.89		P	7.5
8	☐			125.01		P	20.0
9	☐			77.78		P	16.4

156 Dy [He] No available calibration points

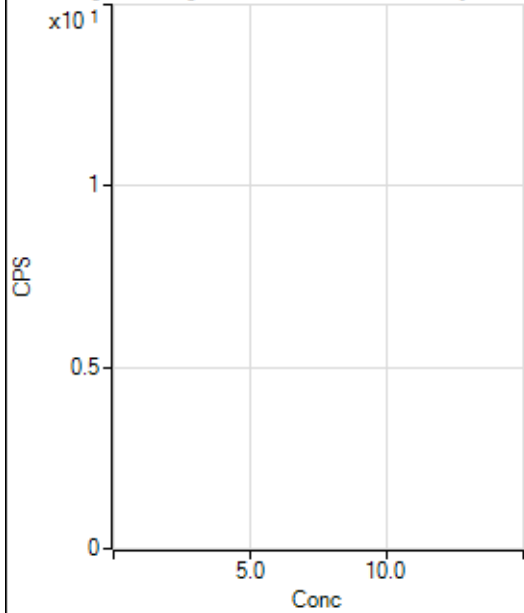
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			4.44		P	114.
5	☐			1.11		P	173.
6	☐			4.44		P	114.
7	☐			4.44		P	114.
8	☐			8.89		P	43.3
9	☐			17.78		P	28.6

160 Gd [No Gas] Noavailable calibration poin_

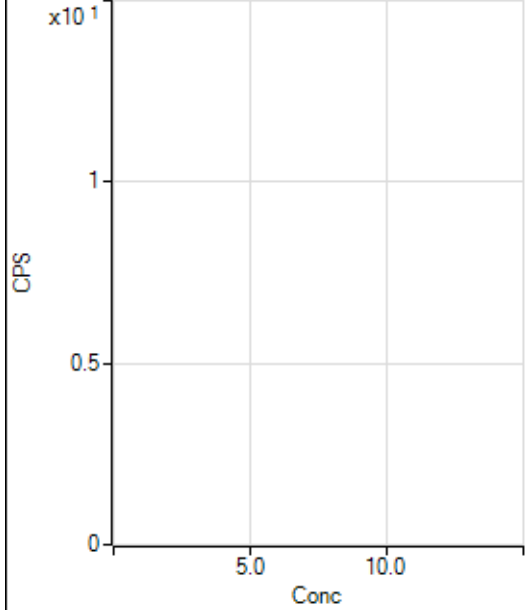
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	24.7
2	☐						
3	☐			30.56		P	78.7
4	☐			30.55		P	68.6
5	☐			30.56		P	56.8
6	☐			52.78		P	24.1
7	☐			61.11		P	43.8
8	☐			75.01		P	48.4
9	☐			72.23		P	46.6

160 Gd [He] No available calibration points

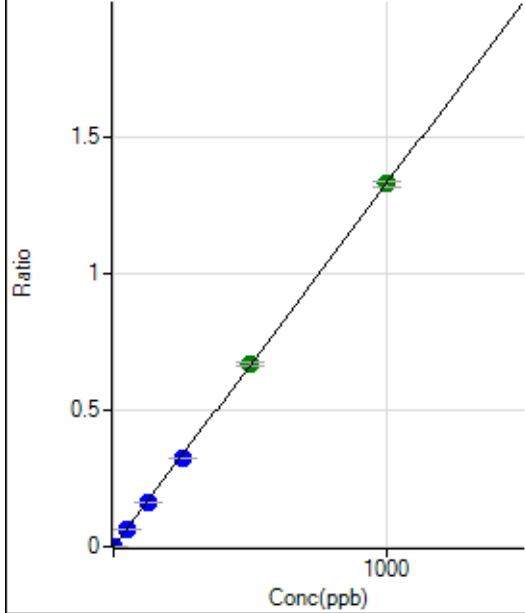
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐						
3	☐			4.44		P	114.
4	☐			2.22		P	86.6
5	☐			2.22		P	86.6
6	☐			5.55		P	69.3
7	☐			10.00		P	100.
8	☐			6.67		P	50.0
9	☐			18.89		P	20.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐						
3	☐			19.44		P	49.5
4	☐			25.00		P	66.7
5	☐			27.78		P	62.5
6	☐			36.11		P	58.1
7	☐			33.33		P	43.3
8	☐			44.45		P	39.0
9	☐			25.00		P	66.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			7.78		P	99.0
4	☐			10.00		P	33.3
5	☐			3.33		P	100.
6	☐			5.56		P	34.7
7	☐			7.78		P	24.7
8	☐			4.44		P	114.
9	☐			10.00		P	0.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	133.34	0.0000	P	25.1
2	☐	0.100					
3	☐	1.000	0.936	5512.55	0.0013	P	3.5
4	☐	50.000	48.935	282699.78	0.0649	P	2.1
5	☐	125.000	122.482	720271.23	0.1625	P	0.2
6	☐	250.000	245.801	1478585.35	0.3260	P	0.3
7	☐	500.000	503.655	3099941.69	0.6680	A	1.5
8	☐	1000.000	999.590	6050012.12	1.3257	A	1.8
9	☐			3556.24	0.0008	P	2.0

$$y = 0.0013 * x + 3.0679E-005$$

$$R = 1.0000$$

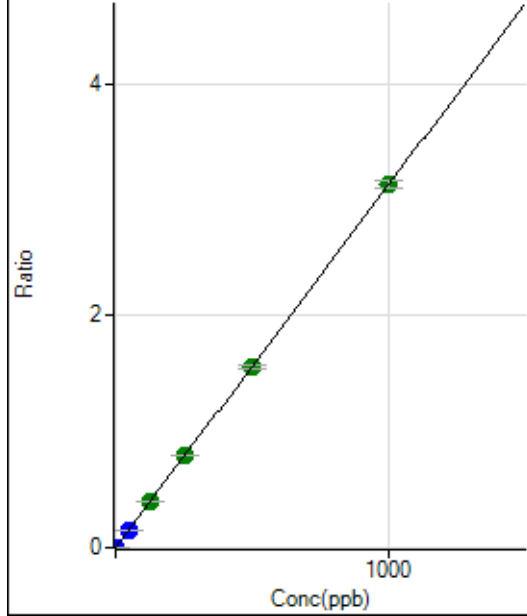
$$DL = 0.01741$$

$$BEC = 0.02313$$

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	272.24	0.0001	P	6.8
2	☐	0.100					
3	☐	1.000	0.941	13015.63	0.0030	P	4.8
4	☐	50.000	49.637	675668.40	0.1552	P	0.9
5	☐	125.000	126.652	1754899.11	0.3958	A	1.3
6	☐	250.000	253.144	3587966.10	0.7911	A	0.6
7	☐	500.000	497.801	7219536.36	1.5557	A	1.3
8	☐	1000.000	1000.125	14262512.65	3.1254	A	2.1
9	☐			8069.62	0.0019	P	2.4

$$y = 0.0031 * x + 6.2619E-005$$

$$R = 1.0000$$

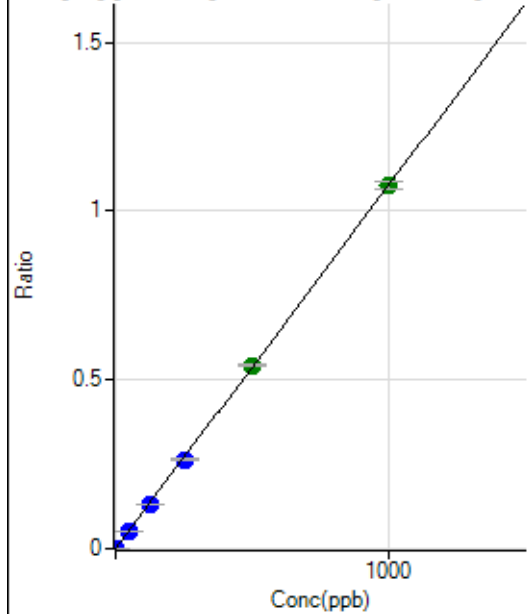
$$DL = 0.004095$$

$$BEC = 0.02004$$

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	198.16	0.0000	P	25.6
2	☐	0.100					
3	☐	1.000	0.891	4354.60	0.0010	P	5.4
4	☐	50.000	49.137	230420.91	0.0529	P	1.5
5	☐	125.000	122.846	586258.90	0.1322	P	0.2
6	☐	250.000	245.779	1199698.77	0.2645	P	0.6
7	☐	500.000	505.229	2523223.49	0.5437	A	1.8
8	☐	1000.000	998.753	4904701.79	1.0748	A	2.2
9	☐			26921.69	0.0062	P	2.0

$$y = 0.0011 * x + 4.5597E-005$$

$$R = 1.0000$$

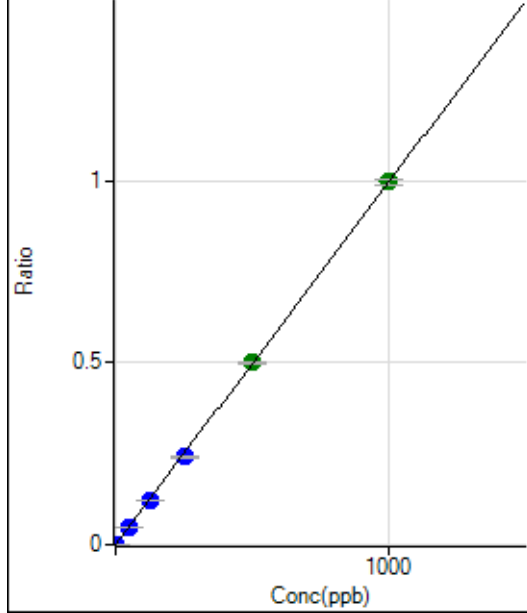
$$DL = 0.03251$$

$$BEC = 0.04237$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	144.45	0.0000	P	24.9
2	☐	0.100					
3	☐	1.000	0.932	4169.33	0.0010	P	5.0
4	☐	50.000	48.046	208532.09	0.0479	P	1.4
5	☐	125.000	121.326	535930.32	0.1209	P	1.3
6	☐	250.000	241.622	1091752.13	0.2407	P	0.6
7	☐	500.000	501.756	2319756.88	0.4999	A	1.3
8	☐	1000.000	1001.774	4554774.93	0.9980	A	1.3
9	☐			23155.05	0.0054	P	1.0

$$y = 9.9615E-004 * x + 3.3295E-005$$

$$R = 1.0000$$

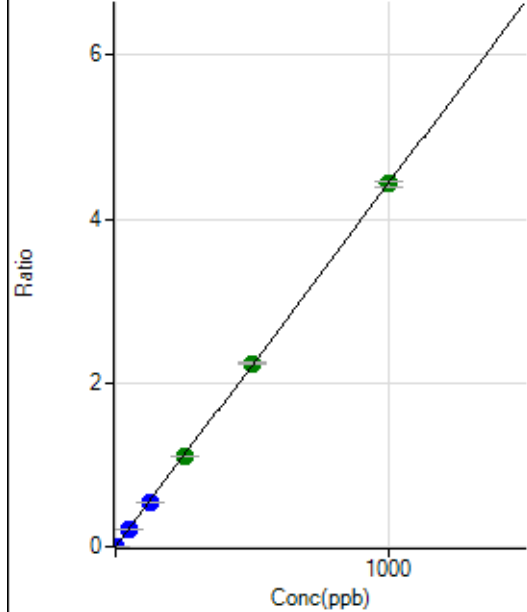
$$DL = 0.02492$$

$$BEC = 0.03342$$

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	707.44	0.0002	P	5.2
2	☐	0.100					
3	☐	1.000	0.920	18379.90	0.0042	P	1.0
4	☐	50.000	48.640	939914.15	0.2159	P	1.2
5	☐	125.000	122.067	2400586.55	0.5415	P	0.7
6	☐	250.000	248.713	5003059.04	1.1032	A	0.7
7	☐	500.000	503.648	10366305.96	2.2337	A	1.3
8	☐	1000.000	998.932	20218584.14	4.4302	A	1.5
9	☐			106688.58	0.0247	P	1.7

$$y = 0.0044 * x + 1.6279E-004$$

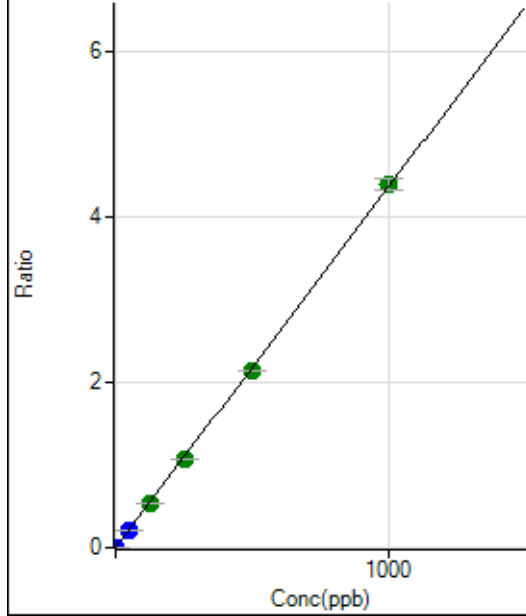
$$R = 1.0000$$

$$DL = 0.00576$$

$$BEC = 0.03671$$

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	58.33	0.0000	P	38.6
2	☐	0.100					
3	☐	1.000	0.885	16778.59	0.0039	P	2.3
4	☐	50.000	47.579	903337.06	0.2075	P	0.8
5	☐	125.000	122.983	2377285.15	0.5362	A	0.2
6	☐	250.000	245.992	4864361.05	1.0726	A	0.7
7	☐	500.000	490.589	9927221.75	2.1390	A	0.6
8	☐	1000.000	1006.080	20014492.46	4.3866	A	3.3
9	☐			2091.96	0.0005	P	3.5

$$y = 0.0044 * x + 1.3460E-005$$

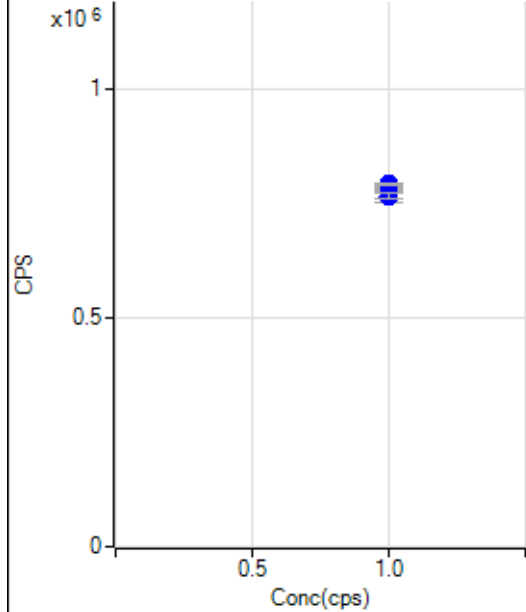
$$R = 0.9999$$

$$DL = 0.00357$$

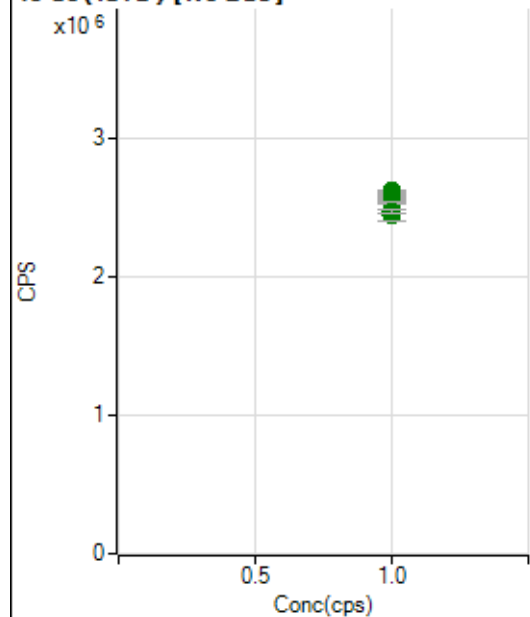
$$BEC = 0.003087$$

Weight: <None>

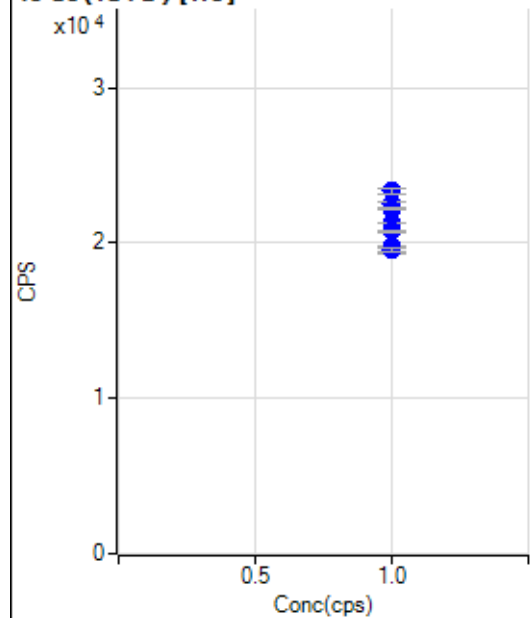
Min Conc: 0

6 Li (ISTD) [No Gas]

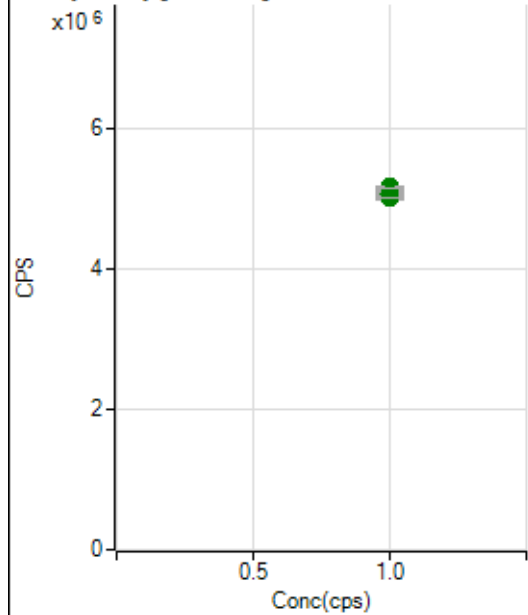
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		785485.39		P	0.6
2	☐	1.000					
3	☐	1.000		779430.36		P	0.1
4	☐	1.000		781774.54		P	0.5
5	☐	1.000		789520.99		P	0.1
6	☐	1.000		788918.85		P	0.3
7	☐	1.000		794230.37		P	0.2
8	☐	1.000		764547.18		P	2.6
9	☐	1.000		768229.07		P	1.2

45 Sc (ISTD) [No Gas]

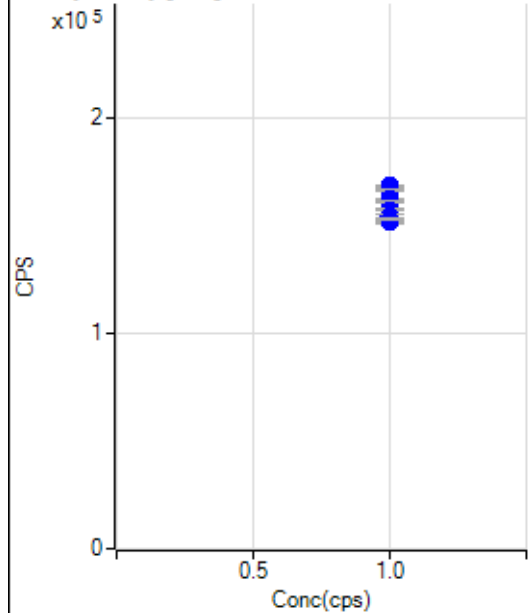
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2626352.80		A	0.5
2	☐	1.000					
3	☐	1.000		2599245.15		A	0.5
4	☐	1.000		2567587.52		A	0.8
5	☐	1.000		2571932.20		A	0.7
6	☐	1.000		2549594.85		A	0.5
7	☐	1.000		2540001.81		A	0.7
8	☐	1.000		2456457.59		A	3.4
9	☐	1.000		2471693.91		A	1.1

45 Sc (ISTD) [He]

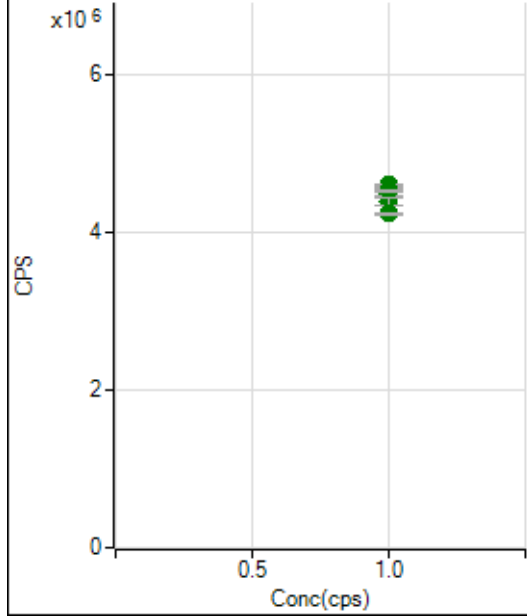
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23359.60		P	1.5
2	☐	1.000					
3	☐	1.000		22489.38		P	1.5
4	☐	1.000		22187.71		P	0.4
5	☐	1.000		21269.68		P	0.3
6	☐	1.000		20781.13		P	0.6
7	☐	1.000		19756.31		P	1.0
8	☐	1.000		19508.19		P	2.0
9	☐	1.000		19585.00		P	1.4

89 Y (ISTD) [No Gas]

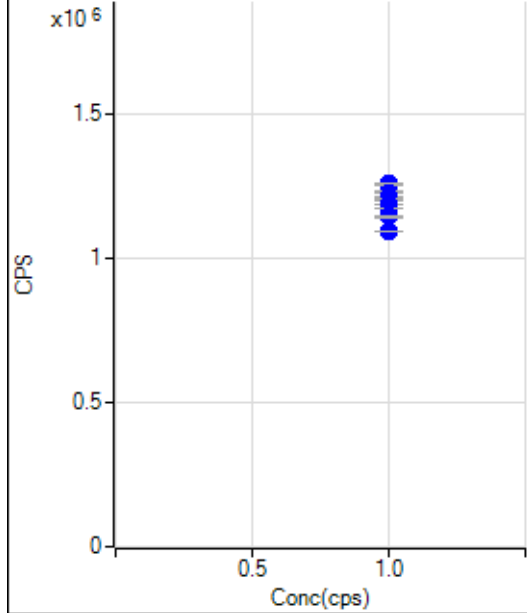
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5124309.44		A	0.6
2	☐	1.000					
3	☐	1.000		5063900.79		A	1.1
4	☐	1.000		5045605.41		A	0.3
5	☐	1.000		5096233.53		A	0.3
6	☐	1.000		5122161.24		A	0.5
7	☐	1.000		5178347.73		A	0.3
8	☐	1.000		5079041.87		A	3.5
9	☐	1.000		5018570.76		A	0.1

89 Y (ISTD) [He]

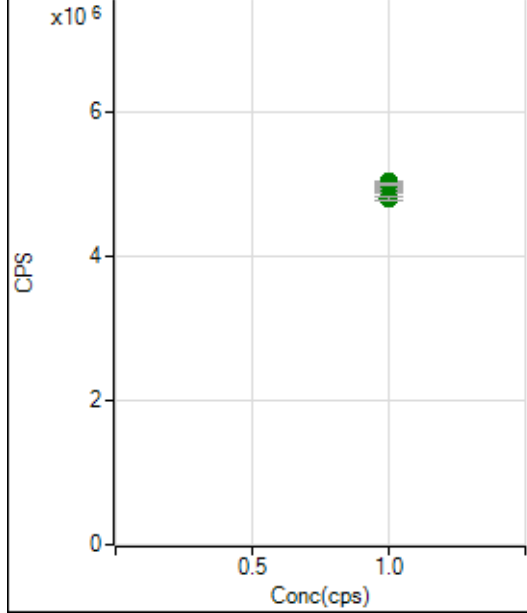
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		168665.27		P	0.2
2	☐	1.000					
3	☐	1.000		166768.24		P	0.4
4	☐	1.000		162832.09		P	0.3
5	☐	1.000		161115.65		P	0.4
6	☐	1.000		157581.21		P	0.6
7	☐	1.000		154884.33		P	1.1
8	☐	1.000		151810.58		P	0.6
9	☐	1.000		153282.30		P	0.1

103 Rh (ISTD) [No Gas]

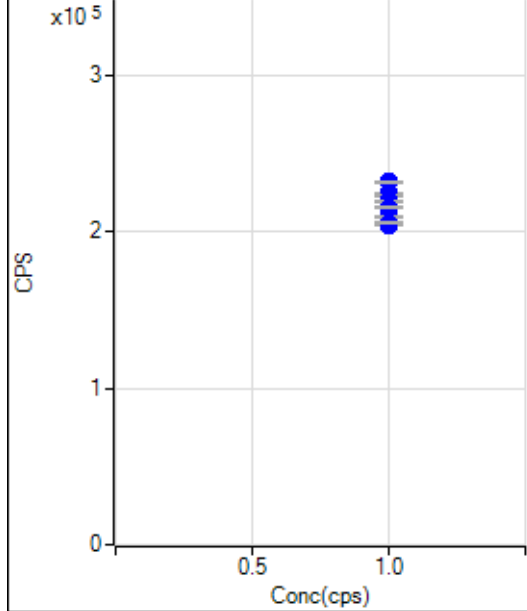
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4603373.80		A	0.8
2	☐	1.000					
3	☐	1.000		4549224.36		A	1.8
4	☐	1.000		4484718.98		A	1.2
5	☐	1.000		4542137.26		A	0.4
6	☐	1.000		4527885.43		A	0.6
7	☐	1.000		4529526.32		A	0.3
8	☐	1.000		4391594.24		A	2.6
9	☐	1.000		4237495.28		A	0.4

103 Rh (ISTD) [He]

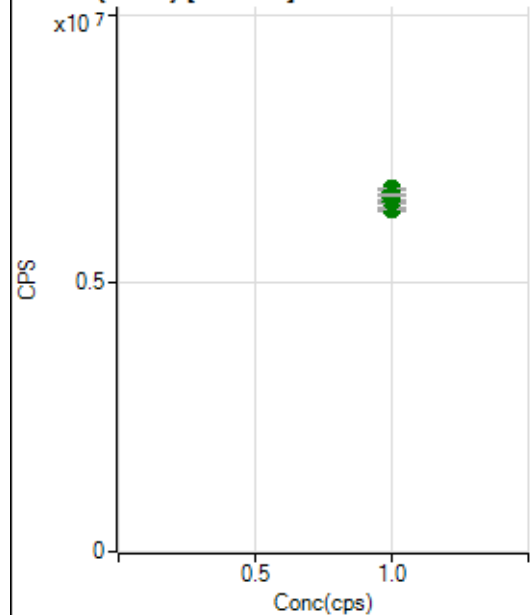
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1258617.73		P	0.3
2	☐	1.000					
3	☐	1.000		1229289.61		P	0.3
4	☐	1.000		1214332.41		P	0.3
5	☐	1.000		1206344.97		P	0.5
6	☐	1.000		1189483.95		P	0.2
7	☐	1.000		1174880.04		P	0.2
8	☐	1.000		1144103.67		P	0.0
9	☐	1.000		1094796.59		P	0.1

115 In (ISTD) [No Gas]

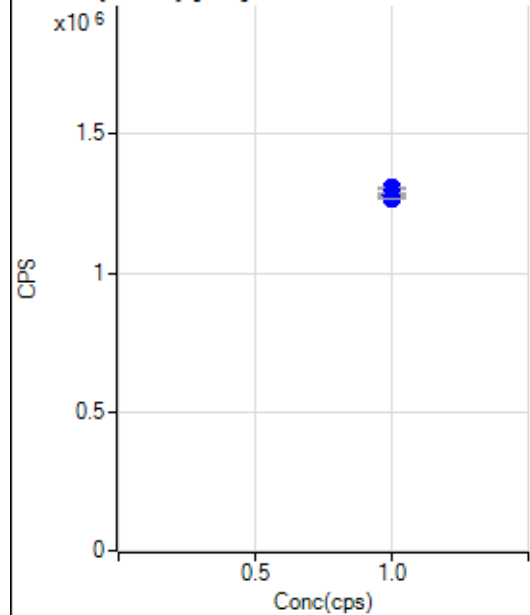
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5029127.00		A	0.5
2	☐	1.000					
3	☐	1.000		4920561.40		A	1.1
4	☐	1.000		4903376.34		A	0.2
5	☐	1.000		4969829.38		A	0.0
6	☐	1.000		4943136.50		A	0.5
7	☐	1.000		4999082.93		A	0.3
8	☐	1.000		4825313.21		A	2.1
9	☐	1.000		4797804.00		A	0.7

115 In (ISTD) [He]

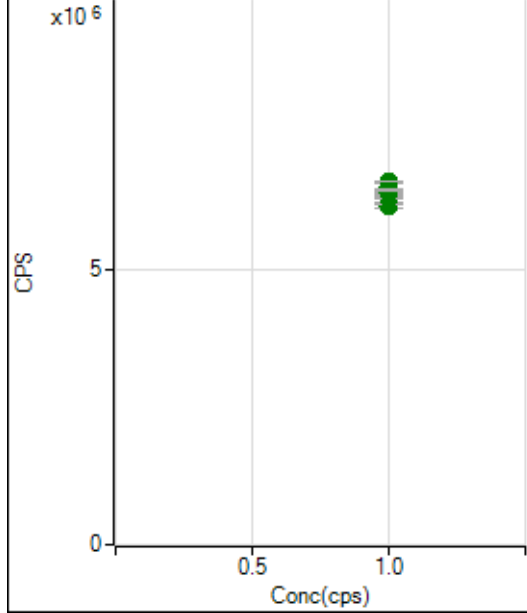
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		231913.21		P	0.5
2	☐	1.000					
3	☐	1.000		224903.67		P	0.3
4	☐	1.000		222799.73		P	0.5
5	☐	1.000		219652.66		P	0.8
6	☐	1.000		215248.59		P	0.5
7	☐	1.000		209509.77		P	0.2
8	☐	1.000		203729.83		P	0.2
9	☐	1.000		205699.47		P	0.6

159 Tb (ISTD) [No Gas]

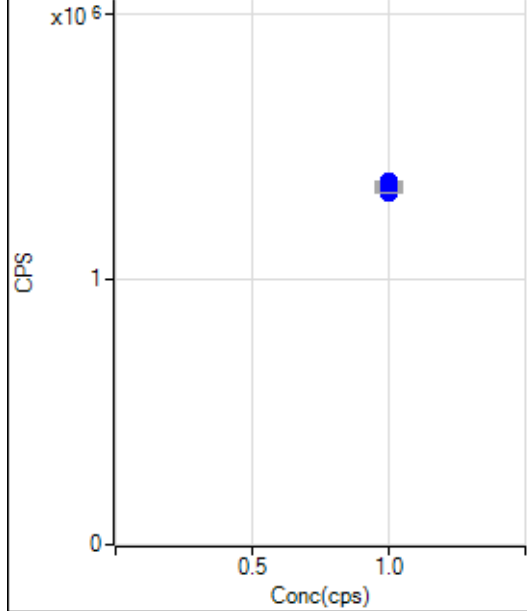
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6531268.93		A	0.4
2	☐	1.000					
3	☐	1.000		6363531.44		A	0.1
4	☐	1.000		6402562.40		A	0.5
5	☐	1.000		6527007.33		A	0.7
6	☐	1.000		6600204.76		A	0.8
7	☐	1.000		6760902.33		A	0.4
8	☐	1.000		6700407.82		A	2.2
9	☐	1.000		6646226.84		A	0.3

159 Tb (ISTD) [He]

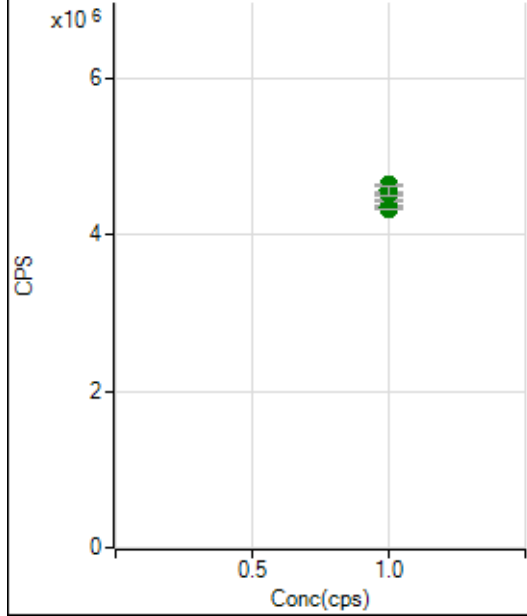
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1305961.60		P	0.6
2	☐	1.000					
3	☐	1.000		1280345.98		P	0.4
4	☐	1.000		1274037.32		P	0.5
5	☐	1.000		1277133.26		P	0.3
6	☐	1.000		1281953.29		P	0.0
7	☐	1.000		1287455.30		P	0.4
8	☐	1.000		1280002.52		P	0.7
9	☐	1.000		1267370.46		P	0.4

165 Ho (ISTD) [No Gas]

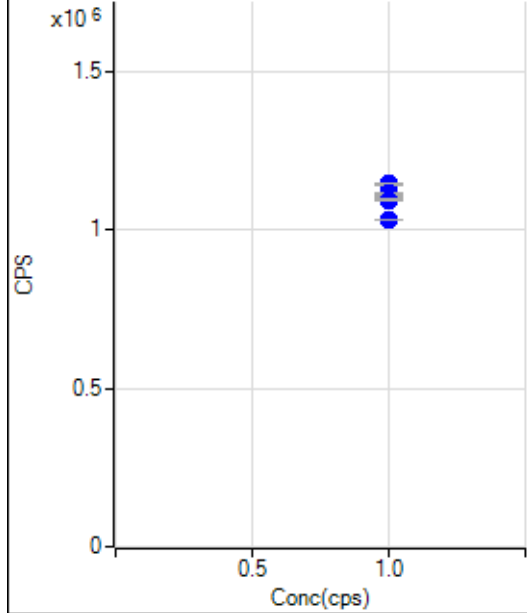
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6394079.48		A	0.5
2	☐	1.000					
3	☐	1.000		6177400.44		A	1.0
4	☐	1.000		6223203.05		A	0.4
5	☐	1.000		6326146.88		A	0.2
6	☐	1.000		6414067.03		A	0.7
7	☐	1.000		6615283.96		A	0.4
8	☐	1.000		6526043.33		A	2.6
9	☐	1.000		6469149.41		A	0.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1367080.57		P	0.3
2	☐	1.000					
3	☐	1.000		1332678.40		P	0.5
4	☐	1.000		1328381.80		P	0.5
5	☐	1.000		1341526.60		P	0.7
6	☐	1.000		1340060.37		P	0.4
7	☐	1.000		1351829.63		P	0.5
8	☐	1.000		1340676.78		P	0.2
9	☐	1.000		1326554.63		P	0.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4345892.43		A	1.1
2	☐	1.000					
3	☐	1.000		4334160.56		A	0.4
4	☐	1.000		4354366.36		A	0.8
5	☐	1.000		4433296.91		A	0.5
6	☐	1.000		4535344.52		A	0.6
7	☐	1.000		4641113.82		A	0.8
8	☐	1.000		4564858.44		A	2.3
9	☐	1.000		4327173.61		A	0.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1143912.87		P	0.4
2	☐	1.000					
3	☐	1.000		1114519.62		P	0.3
4	☐	1.000		1106463.37		P	0.5
5	☐	1.000		1108823.12		P	0.2
6	☐	1.000		1109521.66		P	0.2
7	☐	1.000		1112533.77		P	0.5
8	☐	1.000		1093043.32		P	0.3
9	☐	1.000		1029841.05		P	0.2

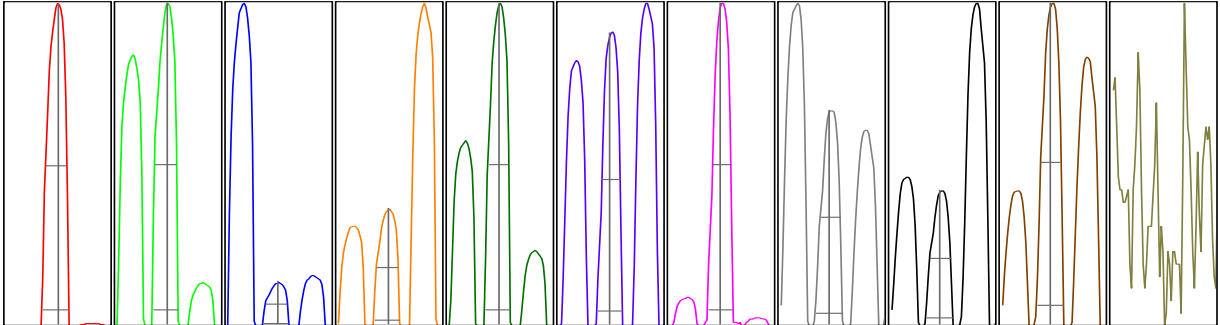
US EPA Tune Check Sample Report

Batch Folder D:\P8041718- MS .b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	3752	0.50	5.00	
24	30529	0.52	5.00	
25	4094	0.55	5.00	
26	4724	0.57	5.00	
59	43914	0.39	5.00	
113	6716	0.29	5.00	
115	84982	1.23	5.00	
206	21990	0.41	5.00	
207	20308	0.24	5.00	
208	48387	0.57	5.00	
220	1	13.07		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	3758	3760	3733	3733	3775
24	30314	30465	30497	30652	30716
25	4064	4088	4099	4090	4127
26	4688	4749	4704	4733	4746
59	43752	43787	43932	43909	44192
113	6733	6698	6692	6731	6724
115	85123	85831	83983	83839	86131
206	21854	21965	21993	22066	22073
207	20296	20328	20238	20307	20370
208	48244	48399	48042	48782	48468
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	6349	9.05	8.9 - 9.1		0.777	0.900	
24	51895	24.00	23.9 - 24.1		0.740	0.900	
25	6910	25.00	24.9 - 25.1		0.744	0.900	
26	8026	26.00	25.9 - 26.1		0.740	0.900	
59	76942	59.00	58.9 - 59.1		0.735	0.900	
113	12520	113.00	112.9 - 113.1		0.729	0.900	
115	158571	115.00	114.9 - 115.1		0.734	0.900	
206	39604	205.95	205.9 - 206.1		0.775	0.900	
207	35995	206.95	206.9 - 207.1		0.779	0.900	
208	86074	207.95	207.9 - 208.1		0.776	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.6	V	Deflect	14.4	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	170	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	5829	0.70	
89	1800	0.95	
205	9764	0.81	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5879	5860	5818	5810	5776
89	1819	1818	1789	1790	1784
205	9879	9777	9787	9698	9683

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	2.0	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:46:46	DataFile Name :	003CALB_P8041718- M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.15	2.37	-1.22	0.00	N/A	ppb
Antimony	121-1	-0.02	0.00	0.02	0.00	N/A	ppb
Arsenic	75-2	0.08	-0.04	-0.04	0.00	N/A	ppb
Barium	135-1	0.00	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.03	-0.03	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.17	0.34	-0.17	0.00	N/A	ppb
Boron	11-1	-0.14	0.11	0.03	0.00	N/A	ppb
Cadmium	111-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Cadmium	106-1	-0.34	-0.04	0.38	0.00	N/A	ppb
Cadmium	108-1	-0.03	-0.03	0.06	0.00	N/A	ppb
Calcium	43-1	5.87	1.98	-7.85	0.00	N/A	ppb
Calcium	44-1	0.07	-1.08	1.01	0.00	N/A	ppb
Chromium	52-2	0.02	-0.03	0.00	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.00	-0.02	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.45	0.19	0.26	0.00	N/A	ppb
Iron	57-2	0.59	-1.09	0.50	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.05	0.25	-0.30	0.00	N/A	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:46:46	DataFile Name :	003CALB_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.04	-0.02	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.03	0.00	0.03	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.02	0.02	0.00	N/A	ppb
Molybdenum	97-1	-0.03	0.02	0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.10	-0.18	0.00	N/A	ppb
Phosphorus	31-2	-8.51	-8.51	-8.51	-8.51		ppb
Potassium	39-2	7.13	1.08	-8.21	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.67	-1.34	0.67	0.00	N/A	ppb
Selenium	82-1	-0.55	-0.17	0.72	0.00	N/A	ppb
Silicon	28-1	-0.38	-1.48	1.86	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.53	-0.22	-0.31	0.00	N/A	ppb
Strontium	86-1	0.03	0.02	-0.06	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-10.25	-96.11	-140.27	-82.21		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.11	0.29	-0.18	0.00	N/A	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:46:46	DataFile Name :	003CALB_P8041718- M8

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

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:54:11	DataFile Name :	005CALS_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.60	12.16	12.17	12.31	2.05	ppb
Antimony	121-1	1.84	1.84	1.88	1.85	1.24	ppb
Arsenic	75-2	0.63	1.26	1.16	1.01	33.41	ppb
Barium	135-1	9.45	9.19	9.05	9.23	2.19	ppb
Barium	137-1	9.31	9.33	9.23	9.29	0.55	ppb
Beryllium	9-1	0.99	0.99	1.15	1.04	8.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	24.81	24.23	22.93	23.99	4.01	ppb
Boron	11-1	24.00	22.74	24.49	23.75	3.80	ppb
Cadmium	111-1	1.00	1.07	1.08	1.05	4.23	ppb
Cadmium	106-1	1.68	2.02	1.80	1.83	9.51	ppb
Cadmium	108-1	0.87	0.91	0.70	0.83	13.57	ppb
Calcium	43-1	457.67	447.74	453.64	453.02	1.10	ppb
Calcium	44-1	457.89	453.95	457.16	456.33	0.46	ppb
Chromium	52-2	2.02	2.06	1.90	1.99	4.27	ppb
Cobalt	59-2	0.98	0.80	1.01	0.93	12.13	ppb
Copper	63-2	1.89	1.79	1.92	1.87	3.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	48.56	46.19	47.28	47.34	2.50	ppb
Iron	57-2	39.89	46.31	51.69	45.96	12.85	ppb
Krypton	83-1						cps
Lead	206-1	0.83	0.93	0.91	0.89	5.61	ppb
Lead	207-1	0.99	0.90	0.90	0.93	5.23	ppb
Lead	208-1	0.92	0.93	0.91	0.92	1.04	ppb
Lithium	6-1				99		%
Magnesium	24-2	479.77	487.31	459.27	475.45	3.05	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:54:11	DataFile Name :	005CALS_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.87	1.13	1.03	1.01	13.18	ppb
Molybdenum	94-1	4.62	4.46	4.43	4.50	2.28	ppb
Molybdenum	95-1	4.55	4.49	4.48	4.51	0.77	ppb
Molybdenum	96-1	4.41	4.57	4.59	4.52	2.14	ppb
Molybdenum	97-1	4.43	4.40	4.74	4.52	4.15	ppb
Molybdenum	98-1	4.77	4.46	4.53	4.58	3.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.70	1.16	0.80	40.38	ppb
Phosphorus	31-2	-8.51	17.01	17.02	8.51	173.21	ppb
Potassium	39-2	492.49	443.71	440.44	458.88	6.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	0.00	12.23	6.09	6.10	100.13	ppb
Selenium	78-2	2.72	8.88	7.84	6.48	50.91	ppb
Selenium	82-1	4.45	4.73	4.57	4.58	3.03	ppb
Silicon	28-1	20.02	20.93	20.95	20.63	2.56	ppb
Silver	109-1	1.06	0.94	1.00	1.00	5.93	ppb
Silver	107-1	0.97	0.97	0.97	0.97	0.32	ppb
Sodium	23-2	466.31	474.23	466.38	468.97	0.97	ppb
Strontium	86-1	0.89	0.95	0.93	0.92	3.07	ppb
Strontium	88-1	0.97	0.95	0.94	0.95	1.75	ppb
Sulfur	34-1	39.55	109.32	97.76	82.21	45.48	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.95	0.90	0.96	0.94	3.56	ppb
Thallium	205-1	0.92	0.99	0.91	0.94	4.88	ppb
Tin	118-1	4.63	4.59	4.57	4.60	0.65	ppb
Titanium	47-1	4.83	4.76	4.62	4.73	2.24	ppb
Uranium	238-1	0.90	0.89	0.86	0.88	2.26	ppb
Vanadium	51-2	4.72	4.62	4.41	4.58	3.50	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	1.85	2.57	2.04	2.16	17.24	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:54:11	DataFile Name :	005CALS_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.95	0.90	0.82	0.89	7.64	ppb
Zirconium	91-1	1.02	0.87	0.85	0.91	10.22	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:57:57	DataFile Name :	006CALS_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	991.72	1083.52	994.65	1023.29	5.10	ppb
Antimony	121-1	49.22	49.97	49.22	49.47	0.87	ppb
Arsenic	75-2	53.17	52.20	53.22	52.86	1.09	ppb
Barium	135-1	250.05	254.65	254.59	253.10	1.04	ppb
Barium	137-1	250.54	254.11	250.23	251.63	0.86	ppb
Beryllium	9-1	53.11	52.60	52.75	52.82	0.50	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	48.18	52.86	53.70	51.58	5.77	ppb
Boron	11-1	50.08	51.70	54.71	52.16	4.50	ppb
Cadmium	111-1	51.53	51.84	51.65	51.67	0.30	ppb
Cadmium	106-1	51.55	53.45	52.15	52.38	1.85	ppb
Cadmium	108-1	50.49	54.48	51.74	52.24	3.91	ppb
Calcium	43-1	4705.32	4799.10	4871.07	4791.83	1.73	ppb
Calcium	44-1	4913.65	4867.86	4862.74	4881.42	0.57	ppb
Chromium	52-2	49.56	49.71	50.39	49.89	0.88	ppb
Cobalt	59-2	50.38	49.64	49.79	49.93	0.78	ppb
Copper	63-2	99.63	98.09	97.68	98.47	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	2513.19	2509.00	2491.78	2504.66	0.45	ppb
Iron	57-2	2505.64	2436.18	2406.00	2449.28	2.09	ppb
Krypton	83-1						cps
Lead	206-1	48.32	49.41	49.68	49.14	1.46	ppb
Lead	207-1	47.28	48.22	48.63	48.05	1.44	ppb
Lead	208-1	47.99	48.86	49.06	48.64	1.17	ppb
Lithium	6-1				100		%
Magnesium	24-2	5147.53	5078.72	5019.08	5081.78	1.26	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:57:57	DataFile Name :	006CAL5_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.11	98.41	98.34	99.95	2.73	ppb
Molybdenum	94-1	247.17	250.32	249.45	248.98	0.65	ppb
Molybdenum	95-1	246.55	246.17	248.86	247.19	0.59	ppb
Molybdenum	96-1	243.93	247.48	246.91	246.11	0.78	ppb
Molybdenum	97-1	245.47	248.96	248.81	247.75	0.80	ppb
Molybdenum	98-1	244.03	247.25	247.14	246.14	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.64	50.70	49.88	50.40	0.91	ppb
Phosphorus	31-2	802.90	1141.61	927.42	957.31	17.90	ppb
Potassium	39-2	2519.08	2437.48	2522.00	2492.85	1.92	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	56.14	37.32	31.26	41.57	31.20	ppb
Selenium	78-2	70.66	47.57	54.09	57.44	20.73	ppb
Selenium	82-1	51.45	51.53	53.04	52.01	1.72	ppb
Silicon	28-1	71.56	66.69	65.20	67.82	4.90	ppb
Silver	109-1	51.01	51.61	51.47	51.36	0.61	ppb
Silver	107-1	51.46	52.55	51.09	51.70	1.47	ppb
Sodium	23-2	5040.74	5043.67	5009.50	5031.30	0.38	ppb
Strontium	86-1	49.02	49.75	49.67	49.48	0.82	ppb
Strontium	88-1	50.57	50.45	50.31	50.44	0.26	ppb
Sulfur	34-1	1227.16	1013.44	765.85	1002.15	23.04	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	48.00	50.02	48.78	48.93	2.09	ppb
Thallium	205-1	49.14	49.81	49.96	49.64	0.88	ppb
Tin	118-1	48.98	50.67	50.07	49.91	1.72	ppb
Titanium	47-1	248.12	244.25	244.41	245.59	0.89	ppb
Uranium	238-1	47.17	47.65	47.92	47.58	0.80	ppb
Vanadium	51-2	50.50	50.67	48.88	50.02	1.98	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	99.94	100.60	95.02	98.52	3.10	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:57:57	DataFile Name :	006CALS_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	48.66	49.07	49.28	49.00	0.64	ppb
Zirconium	91-1	47.41	48.86	49.49	48.58	2.20	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 14:01:44 DataFile Name : 007CALS_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2667.56	2520.88	2557.99	2582.14	2.95	ppb
Antimony	121-1	123.77	124.82	124.24	124.27	0.42	ppb
Arsenic	75-2	126.15	126.56	128.04	126.92	0.78	ppb
Barium	135-1	625.39	619.49	625.31	623.39	0.54	ppb
Barium	137-1	631.01	638.24	632.17	633.81	0.61	ppb
Beryllium	9-1	131.55	130.59	129.76	130.63	0.69	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	119.64	126.43	132.70	126.26	5.17	ppb
Boron	11-1	123.36	124.41	125.49	124.42	0.86	ppb
Cadmium	111-1	126.40	130.34	128.39	128.38	1.53	ppb
Cadmium	106-1	128.99	126.84	128.65	128.16	0.90	ppb
Cadmium	108-1	130.60	129.10	125.62	128.44	1.99	ppb
Calcium	43-1	12040.89	12139.42	11727.27	11969.20	1.80	ppb
Calcium	44-1	12261.05	12258.12	12307.70	12275.62	0.23	ppb
Chromium	52-2	125.06	124.20	125.19	124.82	0.43	ppb
Cobalt	59-2	125.81	124.34	124.40	124.85	0.67	ppb
Copper	63-2	250.45	249.89	245.67	248.67	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	6427.43	6435.94	6411.74	6425.04	0.19	ppb
Iron	57-2	6103.44	6049.71	6180.82	6111.32	1.08	ppb
Krypton	83-1						cps
Lead	206-1	122.80	123.17	122.57	122.85	0.25	ppb
Lead	207-1	123.12	120.63	120.23	121.33	1.29	ppb
Lead	208-1	123.04	121.81	121.35	122.07	0.71	ppb
Lithium	6-1				101		%
Magnesium	24-2	12859.45	12757.88	12483.62	12700.32	1.53	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:01:44	DataFile Name :	007CAL5_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	255.92	255.14	250.30	253.79	1.20	ppb
Molybdenum	94-1	623.55	618.43	624.28	622.09	0.51	ppb
Molybdenum	95-1	620.37	624.18	625.07	623.21	0.40	ppb
Molybdenum	96-1	622.56	620.55	627.74	623.62	0.59	ppb
Molybdenum	97-1	619.97	614.80	620.38	618.38	0.50	ppb
Molybdenum	98-1	631.21	626.53	629.01	628.91	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.47	126.34	126.55	127.12	0.92	ppb
Phosphorus	31-2	2533.49	2709.07	2057.45	2433.34	13.86	ppb
Potassium	39-2	6284.54	6352.72	6188.44	6275.23	1.32	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	106.92	138.31	139.32	128.18	14.37	ppb
Selenium	78-2	134.37	150.11	114.14	132.88	13.57	ppb
Selenium	82-1	125.08	127.29	128.66	127.01	1.42	ppb
Silicon	28-1	160.33	158.50	157.49	158.77	0.91	ppb
Silver	109-1	125.83	126.95	125.14	125.98	0.72	ppb
Silver	107-1	126.06	128.05	126.92	127.01	0.79	ppb
Sodium	23-2	12646.77	12653.18	12480.21	12593.39	0.78	ppb
Strontium	86-1	122.35	124.84	125.03	124.08	1.20	ppb
Strontium	88-1	126.40	127.49	127.20	127.03	0.45	ppb
Sulfur	34-1	2536.20	2154.79	2074.52	2255.17	10.94	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	122.48	122.27	122.70	122.48	0.17	ppb
Thallium	205-1	126.26	128.44	125.26	126.65	1.28	ppb
Tin	118-1	123.75	126.58	124.68	125.00	1.15	ppb
Titanium	47-1	615.53	609.78	611.85	612.39	0.48	ppb
Uranium	238-1	123.11	123.13	122.71	122.98	0.19	ppb
Vanadium	51-2	125.43	124.64	124.76	124.94	0.34	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	250.27	250.81	253.38	251.49	0.66	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:01:44	DataFile Name :	007CALS_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	123.60	124.15	124.11	123.96	0.25	ppb
Zirconium	91-1	123.22	122.29	121.74	122.42	0.61	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 14:05:24 DataFile Name : 008CAL5_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4863.55	4928.68	5113.10	4968.44	2.61	ppb
Antimony	121-1	256.33	251.59	253.12	253.68	0.95	ppb
Arsenic	75-2	256.22	251.46	250.74	252.81	1.18	ppb
Barium	135-1	1290.11	1267.19	1267.01	1274.77	1.04	ppb
Barium	137-1	1278.00	1259.04	1266.25	1267.76	0.76	ppb
Beryllium	9-1	254.31	257.36	256.23	255.97	0.60	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	237.12	241.03	261.83	246.66	5.39	ppb
Boron	11-1	245.73	249.45	257.02	250.73	2.29	ppb
Cadmium	111-1	258.25	251.78	254.69	254.91	1.27	ppb
Cadmium	106-1	263.02	255.87	255.80	258.23	1.61	ppb
Cadmium	108-1	252.81	253.06	259.41	255.09	1.47	ppb
Calcium	43-1	23905.70	24102.62	24241.79	24083.37	0.70	ppb
Calcium	44-1	24124.26	24189.33	24117.26	24143.61	0.16	ppb
Chromium	52-2	246.11	246.24	246.30	246.22	0.04	ppb
Cobalt	59-2	245.79	246.33	248.42	246.85	0.56	ppb
Copper	63-2	491.15	491.96	495.76	492.96	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	12580.12	12535.80	12644.30	12586.74	0.43	ppb
Iron	57-2	12197.07	12401.98	12401.56	12333.54	0.96	ppb
Krypton	83-1						cps
Lead	206-1	244.75	245.13	247.46	245.78	0.60	ppb
Lead	207-1	240.90	240.77	243.20	241.62	0.57	ppb
Lead	208-1	248.30	247.23	250.61	248.71	0.69	ppb
Lithium	6-1				100		%
Magnesium	24-2	24854.55	24943.51	25204.19	25000.75	0.73	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:05:24	DataFile Name :	008CAL5_P8041718- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	498.43	497.18	500.24	498.61	0.31	ppb
Molybdenum	94-1	1250.42	1275.58	1250.24	1258.75	1.16	ppb
Molybdenum	95-1	1244.77	1247.37	1250.03	1247.39	0.21	ppb
Molybdenum	96-1	1255.32	1237.84	1261.30	1251.48	0.97	ppb
Molybdenum	97-1	1276.29	1265.19	1241.20	1260.89	1.42	ppb
Molybdenum	98-1	1247.15	1226.81	1234.79	1236.25	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	250.09	250.50	249.70	250.10	0.16	ppb
Phosphorus	31-2	4945.26	4653.23	4896.36	4831.62	3.24	ppb
Potassium	39-2	12207.23	12281.39	12299.51	12262.71	0.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	77-2	160.78	269.24	259.65	229.89	26.12	ppb
Selenium	78-2	260.11	256.05	276.66	264.27	4.13	ppb
Selenium	82-1	251.61	258.68	247.76	252.68	2.19	ppb
Silicon	28-1	307.71	314.06	305.65	309.14	1.42	ppb
Silver	109-1	257.92	254.95	255.18	256.01	0.64	ppb
Silver	107-1	257.77	253.12	255.02	255.30	0.92	ppb
Sodium	23-2	24864.85	25086.21	24912.06	24954.37	0.47	ppb
Strontium	86-1	247.40	245.99	247.01	246.80	0.29	ppb
Strontium	88-1	252.01	250.23	249.78	250.67	0.47	ppb
Sulfur	34-1	4211.13	4655.30	4173.38	4346.60	6.17	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	246.47	245.04	245.89	245.80	0.29	ppb
Thallium	205-1	252.51	251.91	255.01	253.14	0.65	ppb
Tin	118-1	250.07	246.69	250.21	248.99	0.80	ppb
Titanium	47-1	1220.38	1227.19	1220.21	1222.59	0.33	ppb
Uranium	238-1	246.68	244.06	247.24	245.99	0.69	ppb
Vanadium	51-2	244.19	244.65	249.21	246.01	1.13	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	496.14	493.77	507.35	499.08	1.45	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:05:24	DataFile Name :	008CALS_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	248.04	251.99	251.02	250.35	0.82	ppb
Zirconium	91-1	242.64	242.00	241.60	242.08	0.22	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:08:59	DataFile Name :	009CAL5_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9847.84	9815.99	10002.21	9888.68	1.01	ppb
Antimony	121-1	502.43	507.48	499.44	503.12	0.81	ppb
Arsenic	75-2	506.19	494.30	507.02	502.50	1.42	ppb
Barium	135-1	2511.34	2523.50	2495.66	2510.17	0.56	ppb
Barium	137-1	2506.83	2503.61	2493.88	2501.44	0.27	ppb
Beryllium	9-1	501.92	496.00	501.84	499.92	0.68	ppb
Bismuth	209-1				107		%
Bismuth	209-2				97		%
Boron	10-1	489.15	499.52	501.04	496.57	1.30	ppb
Boron	11-1	483.72	494.51	499.53	492.59	1.64	ppb
Cadmium	111-1	502.08	503.04	499.97	501.70	0.31	ppb
Cadmium	106-1	504.55	520.75	490.41	505.24	3.00	ppb
Cadmium	108-1	502.45	506.60	500.46	503.17	0.62	ppb
Calcium	43-1	48563.08	48016.97	48031.79	48203.95	0.65	ppb
Calcium	44-1	48375.83	48035.27	48315.52	48242.21	0.38	ppb
Chromium	52-2	500.19	499.04	508.39	502.54	1.01	ppb
Cobalt	59-2	505.88	501.03	506.95	504.62	0.63	ppb
Copper	63-2	1002.14	1002.29	1019.72	1008.05	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	56-2	25440.37	25285.40	25737.76	25487.84	0.90	ppb
Iron	57-2	24819.23	24771.38	25182.53	24924.38	0.90	ppb
Krypton	83-1						cps
Lead	206-1	512.95	495.28	507.45	505.23	1.79	ppb
Lead	207-1	505.66	494.44	505.17	501.76	1.26	ppb
Lead	208-1	508.89	496.24	505.81	503.65	1.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	50385.10	49751.76	50417.72	50184.86	0.75	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:08:59	DataFile Name :	009CAL5_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1007.64	1005.53	1019.73	1010.97	0.76	ppb
Molybdenum	94-1	2473.09	2500.65	2486.41	2486.72	0.55	ppb
Molybdenum	95-1	2478.02	2447.58	2485.42	2470.34	0.81	ppb
Molybdenum	96-1	2467.95	2482.12	2493.10	2481.06	0.51	ppb
Molybdenum	97-1	2505.64	2486.91	2508.61	2500.39	0.47	ppb
Molybdenum	98-1	2484.10	2479.58	2469.94	2477.87	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.21	505.15	512.77	508.38	0.78	ppb
Phosphorus	31-2	9828.04	9280.74	10280.95	9796.58	5.11	ppb
Potassium	39-2	24376.87	24358.78	24585.19	24440.28	0.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				85		%
Selenium	77-2	428.34	505.31	468.81	467.48	8.24	ppb
Selenium	78-2	539.96	529.70	510.11	526.59	2.88	ppb
Selenium	82-1	496.80	505.69	502.03	501.51	0.89	ppb
Silicon	28-1	515.47	511.47	498.73	508.56	1.72	ppb
Silver	109-1	503.46	505.09	501.31	503.28	0.38	ppb
Silver	107-1	500.48	501.73	502.84	501.68	0.24	ppb
Sodium	23-2	50314.53	49826.50	50721.42	50287.48	0.89	ppb
Strontium	86-1	490.60	491.99	495.05	492.55	0.46	ppb
Strontium	88-1	492.36	497.45	500.68	496.83	0.84	ppb
Sulfur	34-1	9527.17	8850.86	9120.92	9166.32	3.71	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	511.48	496.66	502.83	503.66	1.48	ppb
Thallium	205-1	504.71	491.74	496.96	497.80	1.31	ppb
Tin	118-1	503.64	499.31	499.33	500.76	0.50	ppb
Titanium	47-1	2500.18	2478.91	2467.23	2482.11	0.67	ppb
Uranium	238-1	493.93	488.38	489.45	490.59	0.60	ppb
Vanadium	51-2	501.44	500.54	507.31	503.09	0.73	ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	1020.78	1012.81	1040.43	1024.67	1.39	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:08:59	DataFile Name :	009CALS_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	496.31	500.74	500.96	499.34	0.53	ppb
Zirconium	91-1	482.77	490.58	491.85	488.40	1.01	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:12:31	DataFile Name :	010CAL5_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18744.36	20172.20	20083.69	19666.75	4.07	ppb
Antimony	121-1	985.41	977.84	1029.67	997.64	2.81	ppb
Arsenic	75-2	993.23	993.27	1006.50	997.66	0.77	ppb
Barium	135-1	4917.55	4928.06	5120.69	4988.77	2.29	ppb
Barium	137-1	4960.12	4917.80	5103.07	4993.66	1.94	ppb
Beryllium	9-1	983.84	980.92	1028.34	997.70	2.66	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	977.32	970.56	1059.14	1002.34	4.92	ppb
Boron	11-1	979.03	981.85	1049.67	1003.52	3.99	ppb
Cadmium	111-1	989.21	983.78	1019.27	997.42	1.92	ppb
Cadmium	106-1	990.81	966.88	1026.73	994.81	3.03	ppb
Cadmium	108-1	979.84	993.86	1016.10	996.60	1.83	ppb
Calcium	43-1	96895.48	97693.38	102495.98	99028.28	3.06	ppb
Calcium	44-1	96489.67	95747.96	101489.29	97908.97	3.19	ppb
Chromium	52-2	966.40	1009.09	1023.62	999.70	2.97	ppb
Cobalt	59-2	963.74	1009.14	1022.62	998.50	3.09	ppb
Copper	63-2	1954.50	2020.38	2019.05	1997.98	1.88	ppb
Dysprosium	156-1						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				98		%
Indium	115-1				96		%
Indium	115-2				88		%
Iron	56-2	50086.32	52308.03	52479.30	51624.55	2.59	ppb
Iron	57-2	48973.11	51218.19	51442.02	50544.44	2.70	ppb
Krypton	83-1						cps
Lead	206-1	987.41	985.21	1023.64	998.75	2.16	ppb
Lead	207-1	1003.87	988.27	1013.18	1001.77	1.26	ppb
Lead	208-1	992.37	987.90	1016.53	998.93	1.54	ppb
Lithium	6-1				97		%
Magnesium	24-2	97986.75	102032.70	102940.42	100986.62	2.61	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:12:31	DataFile Name :	010CAL5_P8041718- M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1923.14	2021.18	2038.86	1994.39	3.13	ppb
Molybdenum	94-1	4901.95	4870.71	5241.95	5004.87	4.11	ppb
Molybdenum	95-1	4875.79	4943.03	5228.73	5015.85	3.74	ppb
Molybdenum	96-1	4911.04	4887.49	5229.87	5009.47	3.82	ppb
Molybdenum	97-1	4878.63	4895.57	5219.86	4998.02	3.85	ppb
Molybdenum	98-1	4957.86	4909.49	5175.27	5014.20	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	969.79	1006.93	1009.79	995.50	2.24	ppb
Phosphorus	31-2	19315.99	20403.33	20743.51	20154.27	3.70	ppb
Potassium	39-2	47051.68	49135.68	49532.87	48573.41	2.74	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				84		%
Selenium	77-2	1037.86	966.31	1059.74	1021.30	4.78	ppb
Selenium	78-2	926.56	993.15	1025.61	981.77	5.14	ppb
Selenium	82-1	977.02	973.60	1044.07	998.23	3.98	ppb
Silicon	28-1	955.75	944.64	1026.77	975.72	4.57	ppb
Silver	109-1	989.85	986.59	1013.56	996.66	1.48	ppb
Silver	107-1	986.53	976.48	1029.47	997.50	2.82	ppb
Sodium	23-2	96447.64	100414.92	100660.35	99174.31	2.38	ppb
Strontium	86-1	984.70	974.78	1054.53	1004.67	4.33	ppb
Strontium	88-1	982.33	978.13	1042.96	1001.14	3.62	ppb
Sulfur	34-1	20282.66	19554.29	21995.11	20610.69	6.08	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	992.41	986.57	1019.79	999.59	1.77	ppb
Thallium	205-1	987.43	988.10	1024.84	1000.13	2.14	ppb
Tin	118-1	991.63	985.52	1022.48	999.88	1.98	ppb
Titanium	47-1	4955.85	4888.29	5208.64	5017.60	3.37	ppb
Uranium	238-1	992.81	982.02	1043.41	1006.08	3.26	ppb
Vanadium	51-2	970.04	1011.22	1017.12	999.46	2.57	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	1929.81	2004.82	2028.71	1987.78	2.60	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:12:31	DataFile Name :	010CALS_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	984.02	973.25	1044.01	1000.43	3.81	ppb
Zirconium	91-1	990.71	979.89	1053.92	1008.17	3.97	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:15:59	DataFile Name :	011CALS_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99012.65	101310.86	99907.72	100077.07	1.16	ppb
Antimony	121-1	3.21	3.50	3.94	3.55	10.39	ppb
Arsenic	75-2	1.77	1.77	1.69	1.74	2.40	ppb
Barium	135-1	1.21	1.53	1.48	1.40	12.29	ppb
Barium	137-1	1.43	1.30	1.42	1.39	5.14	ppb
Beryllium	9-1	0.96	0.73	0.68	0.79	19.07	ppb
Bismuth	209-1				100		%
Bismuth	209-2				90		%
Boron	10-1	53.15	49.41	50.67	51.08	3.73	ppb
Boron	11-1	52.60	45.96	41.11	46.56	12.40	ppb
Cadmium	111-1	0.29	0.32	0.18	0.26	28.54	ppb
Cadmium	106-1	0.94	1.60	-0.57	0.66	169.51	ppb
Cadmium	108-1	0.22	0.26	0.09	0.19	44.93	ppb
Calcium	43-1	499673.62	506558.21	495073.71	500435.18	1.15	ppb
Calcium	44-1	500805.19	501366.67	499759.07	500643.64	0.16	ppb
Chromium	52-2	28.86	29.53	29.48	29.29	1.27	ppb
Cobalt	59-2	12.31	12.19	12.19	12.23	0.55	ppb
Copper	63-2	2.40	2.32	2.05	2.25	8.10	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				101		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				89		%
Iron	56-2	249001.18	252819.24	247032.22	249617.55	1.18	ppb
Iron	57-2	247860.20	253437.19	248435.53	249910.97	1.23	ppb
Krypton	83-1						cps
Lead	206-1	5.85	5.74	5.63	5.74	1.97	ppb
Lead	207-1	5.38	5.35	5.28	5.34	1.00	ppb
Lead	208-1	5.61	5.53	5.43	5.52	1.69	ppb
Lithium	6-1				98		%
Magnesium	24-2	496924.60	507699.46	494710.99	499778.35	1.39	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:15:59	DataFile Name :	011CAL5_P8041718- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.52	7.66	8.53	7.90	6.97	ppb
Molybdenum	94-1	6.50	6.85	7.02	6.79	3.93	ppb
Molybdenum	95-1	8.69	9.07	9.43	9.06	4.10	ppb
Molybdenum	96-1	8.66	9.22	9.72	9.20	5.75	ppb
Molybdenum	97-1	8.21	9.12	9.68	9.00	8.26	ppb
Molybdenum	98-1	8.36	8.72	9.39	8.82	5.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.74	27.69	27.41	27.62	0.63	ppb
Phosphorus	31-2	20.89	81.61	50.05	50.85	59.72	ppb
Potassium	39-2	247800.86	254629.76	248627.41	250352.68	1.49	ppb
Rhodium	103-1				92		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				84		%
Selenium	77-2	6.62	0.00	6.62	4.41	86.60	ppb
Selenium	78-2	1.99	-0.23	1.99	1.25	102.90	ppb
Selenium	82-1	1.63	1.41	1.83	1.62	12.85	ppb
Silicon	28-1	85.04	93.09	87.65	88.59	4.63	ppb
Silver	109-1	0.08	0.09	0.07	0.08	9.91	ppb
Silver	107-1	0.08	0.09	0.07	0.08	13.37	ppb
Sodium	23-2	496791.97	506019.18	497597.01	500136.06	1.02	ppb
Strontium	86-1	33.76	32.84	33.36	33.32	1.40	ppb
Strontium	88-1	33.78	33.76	34.10	33.88	0.56	ppb
Sulfur	34-1	-1149.34	-934.64	-1015.46	-1033.15		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.61	0.60	0.59	0.60	2.05	ppb
Thallium	205-1	0.59	0.56	0.58	0.58	2.50	ppb
Tin	118-1	2.68	2.73	2.77	2.73	1.79	ppb
Titanium	47-1	3.21	3.53	2.71	3.15	13.07	ppb
Uranium	238-1	0.10	0.11	0.11	0.11	3.61	ppb
Vanadium	51-2	0.51	0.37	0.40	0.43	17.56	ppb
Yttrium	89-1				98		%
Yttrium	89-2				91		%
Zinc	66-2	9.79	9.50	10.52	9.94	5.33	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:15:59	DataFile Name :	011CALS_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.26	0.25	0.25	4.03	ppb
Zirconium	91-1	0.24	0.27	0.19	0.23	18.36	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 14:29:47 DataFile Name : 012ICV01_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	606.79	524.26	518.88	549.98	8.96	ppb
Antimony	121-1	192.64	195.06	193.97	193.89	0.62	ppb
Arsenic	75-2	199.72	204.80	200.01	201.51	1.42	ppb
Barium	135-1	99.54	98.55	99.01	99.03	0.50	ppb
Barium	137-1	99.65	99.64	100.90	100.06	0.72	ppb
Beryllium	9-1	97.92	97.83	99.60	98.45	1.01	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	504.53	505.35	523.59	511.16	2.11	ppb
Boron	11-1	503.36	513.79	520.18	512.44	1.66	ppb
Cadmium	111-1	103.25	103.57	102.29	103.04	0.65	ppb
Cadmium	106-1	157.71	168.16	159.45	161.77	3.46	ppb
Cadmium	108-1	131.50	131.68	131.90	131.70	0.15	ppb
Calcium	43-1	2122.70	2081.70	2080.59	2095.00	1.15	ppb
Calcium	44-1	2002.75	2025.09	2014.90	2014.25	0.56	ppb
Chromium	52-2	95.06	94.65	99.59	96.44	2.84	ppb
Cobalt	59-2	98.76	97.75	99.80	98.77	1.04	ppb
Copper	63-2	97.71	97.50	100.16	98.46	1.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	999.23	993.58	1012.21	1001.68	0.95	ppb
Iron	57-2	941.79	959.41	1050.61	983.94	5.94	ppb
Krypton	83-1						cps
Lead	206-1	197.22	196.91	195.15	196.42	0.57	ppb
Lead	207-1	186.06	187.43	185.12	186.21	0.62	ppb
Lead	208-1	195.60	196.19	194.46	195.42	0.45	ppb
Lithium	6-1				102		%
Magnesium	24-2	1142.95	1142.22	1223.87	1169.68	4.01	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:29:47	DataFile Name :	012ICV01_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.31	98.20	98.22	97.91	0.53	ppb
Molybdenum	94-1	1203.06	1174.32	1194.77	1190.71	1.24	ppb
Molybdenum	95-1	534.41	528.78	532.49	531.89	0.54	ppb
Molybdenum	96-1	619.90	613.68	613.90	615.83	0.57	ppb
Molybdenum	97-1	525.69	519.78	526.92	524.13	0.73	ppb
Molybdenum	98-1	534.26	536.14	534.68	535.03	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.06	98.58	103.51	100.71	2.51	ppb
Phosphorus	31-2	-8.51	18.69	47.73	19.31	145.69	ppb
Potassium	39-2	1903.98	1986.76	2010.07	1966.94	2.83	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	77-2	282.51	194.69	161.24	212.81	29.43	ppb
Selenium	78-2	202.74	199.51	186.41	196.22	4.41	ppb
Selenium	82-1	199.82	196.10	198.27	198.06	0.94	ppb
Silicon	28-1	537.04	532.43	538.51	536.00	0.59	ppb
Silver	109-1	98.67	98.52	98.85	98.68	0.17	ppb
Silver	107-1	99.01	99.64	99.07	99.24	0.35	ppb
Sodium	23-2	2056.84	1990.53	2032.53	2026.63	1.66	ppb
Strontium	86-1	522.28	511.52	523.67	519.16	1.28	ppb
Strontium	88-1	525.10	519.77	529.00	524.62	0.88	ppb
Sulfur	34-1	-772.37	-1138.88	-1336.33	-1082.53		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	197.47	197.52	195.85	196.95	0.48	ppb
Thallium	205-1	205.09	208.08	204.67	205.95	0.90	ppb
Tin	118-1	541.46	546.29	540.19	542.64	0.59	ppb
Titanium	47-1	524.94	528.01	521.99	524.98	0.57	ppb
Uranium	238-1	534.88	537.41	536.35	536.21	0.24	ppb
Vanadium	51-2	94.74	96.03	96.45	95.74	0.93	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	193.71	189.98	203.65	195.78	3.61	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:29:47	DataFile Name :	012ICV01_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	528.02	522.99	528.20	526.40	0.56	ppb
Zirconium	91-1	513.10	507.02	512.41	510.85	0.65	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 14:36:28 DataFile Name : 013CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.70	-0.64	3.44	0.70	339.32	ppb
Antimony	121-1	0.33	0.50	0.63	0.49	30.16	ppb
Arsenic	75-2	0.16	0.06	0.09	0.10	50.41	ppb
Barium	135-1	0.00	0.00	0.02	0.01	204.18	ppb
Barium	137-1	0.02	-0.01	0.00	0.00	280.66	ppb
Beryllium	9-1	0.17	0.17	0.19	0.18	7.07	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	11.53	11.99	11.46	11.66	2.46	ppb
Boron	11-1	10.71	10.80	11.10	10.87	1.85	ppb
Cadmium	111-1	0.09	-0.01	-0.02	0.02	264.30	ppb
Cadmium	106-1	1.20	-0.15	-0.36	0.23	371.31	ppb
Cadmium	108-1	-0.03	0.01	-0.07	-0.03		ppb
Calcium	43-1	2.74	-1.23	-1.31	0.06	3618.60	ppb
Calcium	44-1	1.89	5.40	2.58	3.29	56.54	ppb
Chromium	52-2	-0.13	0.06	0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.02	0.00	206.72	ppb
Copper	63-2	-0.01	-0.04	0.03	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	1.18	1.74	1.31	1.41	20.70	ppb
Iron	57-2	-0.02	1.24	-0.04	0.39	188.53	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.05	0.04	31.22	ppb
Lead	207-1	0.03	0.04	0.02	0.03	42.78	ppb
Lead	208-1	0.03	0.03	0.04	0.04	1.00	ppb
Lithium	6-1				102		%
Magnesium	24-2	3.83	1.92	5.92	3.89	51.52	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:36:28	DataFile Name :	013CCBE_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.03	-0.01	0.01	202.27	ppb
Molybdenum	94-1	0.23	0.26	0.39	0.30	27.38	ppb
Molybdenum	95-1	0.21	0.38	0.51	0.37	40.89	ppb
Molybdenum	96-1	0.24	0.35	0.50	0.37	36.62	ppb
Molybdenum	97-1	0.31	0.42	0.40	0.38	15.83	ppb
Molybdenum	98-1	0.31	0.44	0.47	0.41	21.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.43	-0.11	-0.36	-0.30		ppb
Phosphorus	31-2	-8.51	-8.51	19.56	0.85	1910.02	ppb
Potassium	39-2	13.17	8.26	7.69	9.70	31.03	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	77-2	0.00	6.41	0.00	2.14	173.21	ppb
Selenium	78-2	-1.34	-0.27	-0.26	-0.62		ppb
Selenium	82-1	0.33	1.10	0.89	0.77	51.92	ppb
Silicon	28-1	-14.65	-15.47	-11.99	-14.04		ppb
Silver	109-1	0.01	0.00	0.01	0.01	49.39	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.03	ppb
Sodium	23-2	38.95	33.71	33.76	35.47	8.48	ppb
Strontium	86-1	-0.04	-0.06	-0.04	-0.05		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	38.79	ppb
Sulfur	34-1	-1172.82	-837.03	-633.98	-881.27		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.06	0.06	0.06	5.91	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	10.00	ppb
Tin	118-1	0.15	0.21	0.24	0.20	24.43	ppb
Titanium	47-1	0.18	0.05	0.04	0.09	82.69	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	55.94	ppb
Vanadium	51-2	-0.02	0.00	0.00	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	0.01	-0.22	-0.26	-0.16		ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:36:28	DataFile Name :	013CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.02	0.02	15.53	ppb
Zirconium	91-1	0.02	0.01	0.05	0.02	93.70	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 14:39:52 DataFile Name : 014ICSA01_P8041718-1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92429.89	91996.05	90896.48	91774.14	0.86	ppb
Antimony	121-1	1.39	1.59	1.49	1.49	6.61	ppb
Arsenic	75-2	0.28	0.31	0.21	0.27	18.70	ppb
Barium	135-1	1.50	1.64	1.55	1.56	4.49	ppb
Barium	137-1	1.62	1.79	1.53	1.65	7.88	ppb
Beryllium	9-1	0.38	0.40	0.34	0.38	8.09	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	11.75	10.84	10.18	10.93	7.21	ppb
Boron	11-1	11.18	10.61	10.04	10.61	5.36	ppb
Cadmium	111-1	0.18	0.36	0.22	0.25	37.48	ppb
Cadmium	106-1	-0.98	-0.43	0.05	-0.46		ppb
Cadmium	108-1	7.62	6.92	6.53	7.02	7.88	ppb
Calcium	43-1	96633.10	107406.19	98786.08	100941.79	5.65	ppb
Calcium	44-1	96934.48	106577.24	97887.55	100466.42	5.29	ppb
Chromium	52-2	22.81	23.19	23.45	23.15	1.39	ppb
Cobalt	59-2	1.24	1.23	1.23	1.23	0.21	ppb
Copper	63-2	7.85	7.66	7.71	7.74	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	100334.07	101437.69	100932.47	100901.41	0.55	ppb
Iron	57-2	98179.25	98644.10	98171.07	98331.47	0.28	ppb
Krypton	83-1						cps
Lead	206-1	4.95	5.37	4.94	5.08	4.80	ppb
Lead	207-1	4.27	4.60	4.18	4.35	5.02	ppb
Lead	208-1	4.53	4.90	4.53	4.65	4.52	ppb
Lithium	6-1				93		%
Magnesium	24-2	98008.38	98690.60	98866.58	98521.85	0.46	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:39:52	DataFile Name :	014ICSA01_P8041718-1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.53	8.55	8.65	8.58	0.73	ppb
Molybdenum	94-1	1375.43	1535.63	1376.63	1429.23	6.45	ppb
Molybdenum	95-1	1935.99	2175.25	1934.44	2015.23	6.88	ppb
Molybdenum	96-1	1880.06	2063.74	1837.37	1927.06	6.24	ppb
Molybdenum	97-1	1955.99	2187.08	1950.98	2031.35	6.64	ppb
Molybdenum	98-1	1935.86	2182.00	1925.91	2014.59	7.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.26	6.85	6.84	6.98	3.43	ppb
Phosphorus	31-2	95627.13	93693.11	96284.18	95201.47	1.41	ppb
Potassium	39-2	98087.50	98457.76	97404.82	97983.36	0.55	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	6.58	2.19	173.21	ppb
Selenium	78-2	-1.34	-0.24	-1.34	-0.97		ppb
Selenium	82-1	0.46	0.62	0.49	0.52	16.65	ppb
Silicon	28-1	25.59	46.22	26.42	32.74	35.67	ppb
Silver	109-1	0.07	0.07	0.07	0.07	2.70	ppb
Silver	107-1	0.07	0.09	0.10	0.08	20.29	ppb
Sodium	23-2	98825.84	98665.85	98494.97	98662.22	0.17	ppb
Strontium	86-1	33.67	36.82	32.70	34.40	6.25	ppb
Strontium	88-1	33.95	37.57	33.45	34.99	6.42	ppb
Sulfur	34-1	90888.32	100818.78	92115.90	94607.67	5.72	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.22	0.28	0.21	0.23	16.25	ppb
Thallium	205-1	0.23	0.28	0.29	0.27	12.12	ppb
Tin	118-1	0.34	0.40	0.34	0.36	9.43	ppb
Titanium	47-1	1968.69	2245.08	2022.64	2078.80	7.05	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	12.69	ppb
Vanadium	51-2	0.16	0.10	0.13	0.13	24.28	ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	12.65	12.07	12.61	12.44	2.62	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:39:52	DataFile Name :	014ICSA01_P8041718-1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.20	0.22	0.21	6.43	ppb
Zirconium	91-1	0.25	0.29	0.21	0.25	14.55	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:43:12	DataFile Name :	015ICSB_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91020.02	90939.40	91435.05	91131.49	0.29	ppb
Antimony	121-1	21.12	21.20	20.79	21.04	1.04	ppb
Arsenic	75-2	20.91	19.17	20.60	20.23	4.60	ppb
Barium	135-1	21.78	21.67	21.77	21.74	0.27	ppb
Barium	137-1	21.86	21.15	21.15	21.39	1.92	ppb
Beryllium	9-1	20.17	20.78	20.90	20.62	1.90	ppb
Bismuth	209-1				104		%
Bismuth	209-2				94		%
Boron	10-1	7.16	7.55	6.83	7.18	5.02	ppb
Boron	11-1	8.34	9.38	8.31	8.68	7.05	ppb
Cadmium	111-1	20.09	20.12	19.59	19.93	1.50	ppb
Cadmium	106-1	16.67	16.59	16.54	16.60	0.39	ppb
Cadmium	108-1	24.29	23.90	24.97	24.39	2.21	ppb
Calcium	43-1	96780.22	99326.57	96087.36	97398.05	1.75	ppb
Calcium	44-1	95575.04	97289.17	96195.40	96353.20	0.90	ppb
Chromium	52-2	43.19	43.57	43.58	43.45	0.52	ppb
Cobalt	59-2	21.35	21.85	21.24	21.48	1.50	ppb
Copper	63-2	28.12	27.71	28.09	27.97	0.83	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				103		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	56-2	99902.68	99350.61	101377.98	100210.43	1.05	ppb
Iron	57-2	97587.46	97119.43	99006.28	97904.39	1.00	ppb
Krypton	83-1						cps
Lead	206-1	24.92	25.27	24.83	25.01	0.94	ppb
Lead	207-1	22.87	22.89	22.52	22.76	0.93	ppb
Lead	208-1	23.58	23.83	23.43	23.61	0.86	ppb
Lithium	6-1				95		%
Magnesium	24-2	97915.44	97860.24	98344.63	98040.10	0.27	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:43:12	DataFile Name :	015ICSB_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	30.21	28.69	28.99	29.30	2.74	ppb
Molybdenum	94-1	1372.51	1379.74	1378.72	1376.99	0.28	ppb
Molybdenum	95-1	1962.54	1976.46	1944.59	1961.20	0.81	ppb
Molybdenum	96-1	1869.45	1878.80	1862.98	1870.41	0.43	ppb
Molybdenum	97-1	1958.73	1996.43	1974.33	1976.49	0.96	ppb
Molybdenum	98-1	1955.55	1957.80	1948.18	1953.84	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.07	27.27	27.97	27.77	1.57	ppb
Phosphorus	31-2	95247.11	94815.91	93307.17	94456.73	1.08	ppb
Potassium	39-2	97159.60	96222.34	97218.66	96866.87	0.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				85		%
Selenium	77-2	26.14	13.27	0.00	13.14	99.48	ppb
Selenium	78-2	31.46	15.31	25.27	24.01	33.95	ppb
Selenium	82-1	20.26	20.31	20.86	20.47	1.63	ppb
Silicon	28-1	26.74	26.17	24.21	25.71	5.16	ppb
Silver	109-1	19.00	18.56	18.38	18.65	1.72	ppb
Silver	107-1	18.88	18.67	18.71	18.75	0.60	ppb
Sodium	23-2	97928.78	98056.35	99513.13	98499.42	0.89	ppb
Strontium	86-1	33.21	33.94	34.49	33.88	1.89	ppb
Strontium	88-1	33.93	34.16	34.42	34.17	0.73	ppb
Sulfur	34-1	89142.40	90333.15	88830.12	89435.22	0.89	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	20.23	20.56	20.10	20.29	1.17	ppb
Thallium	205-1	20.56	20.58	20.54	20.56	0.11	ppb
Tin	118-1	0.30	0.27	0.38	0.32	18.21	ppb
Titanium	47-1	1982.79	2000.75	1997.86	1993.80	0.48	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	30.95	ppb
Vanadium	51-2	19.61	20.05	20.26	19.97	1.67	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	32.72	31.84	32.22	32.26	1.36	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:43:12	DataFile Name :	015ICSB_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.13	0.13	0.12	10.28	ppb
Zirconium	91-1	0.10	0.14	0.09	0.11	21.01	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:46:32	DataFile Name :	016CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50248.88	49512.19	47923.84	49228.30	2.41	ppb
Antimony	121-1	497.86	496.08	498.06	497.33	0.22	ppb
Arsenic	75-2	504.15	505.63	505.41	505.06	0.16	ppb
Barium	135-1	2513.36	2517.13	2536.22	2522.23	0.49	ppb
Barium	137-1	2513.71	2500.97	2501.84	2505.51	0.28	ppb
Beryllium	9-1	519.44	516.74	516.39	517.52	0.32	ppb
Bismuth	209-1				103		%
Bismuth	209-2				93		%
Boron	10-1	509.02	518.51	537.98	521.84	2.83	ppb
Boron	11-1	499.25	511.59	523.79	511.54	2.40	ppb
Cadmium	111-1	484.60	485.27	487.45	485.77	0.31	ppb
Cadmium	106-1	483.74	495.14	494.76	491.22	1.32	ppb
Cadmium	108-1	495.83	483.58	495.25	491.55	1.41	ppb
Calcium	43-1	237441.08	239278.75	242349.05	239689.63	1.03	ppb
Calcium	44-1	239516.83	239297.05	238620.64	239144.84	0.20	ppb
Chromium	52-2	516.85	518.33	495.60	510.26	2.49	ppb
Cobalt	59-2	498.79	500.65	480.71	493.38	2.23	ppb
Copper	63-2	963.44	957.19	929.26	949.96	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				89		%
Iron	56-2	123899.51	124326.23	120362.47	122862.74	1.77	ppb
Iron	57-2	121933.34	121846.27	116738.85	120172.82	2.47	ppb
Krypton	83-1						cps
Lead	206-1	521.81	512.47	511.02	515.10	1.14	ppb
Lead	207-1	505.94	508.05	507.01	507.00	0.21	ppb
Lead	208-1	508.91	511.16	511.71	510.59	0.29	ppb
Lithium	6-1				95		%
Magnesium	24-2	246918.09	249104.55	239662.16	245228.27	2.02	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:46:32	DataFile Name :	016CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1006.65	1013.45	981.21	1000.44	1.70	ppb
Molybdenum	94-1	2503.22	2527.12	2538.47	2522.94	0.71	ppb
Molybdenum	95-1	2495.07	2518.84	2505.26	2506.39	0.48	ppb
Molybdenum	96-1	2485.17	2520.40	2488.27	2497.94	0.78	ppb
Molybdenum	97-1	2509.66	2551.81	2531.24	2530.90	0.83	ppb
Molybdenum	98-1	2489.29	2514.35	2503.80	2502.48	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.82	502.07	489.37	498.42	1.58	ppb
Phosphorus	31-2	10388.76	10826.44	9601.24	10272.15	6.04	ppb
Potassium	39-2	122261.06	124596.11	120062.42	122306.53	1.85	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				87		%
Selenium	77-2	461.59	434.67	521.72	472.66	9.43	ppb
Selenium	78-2	471.78	469.11	487.43	476.11	2.08	ppb
Selenium	82-1	492.53	499.46	494.70	495.56	0.72	ppb
Silicon	28-1	508.87	509.26	512.26	510.13	0.36	ppb
Silver	109-1	499.16	504.20	500.80	501.39	0.51	ppb
Silver	107-1	496.84	499.21	502.25	499.44	0.54	ppb
Sodium	23-2	246511.16	248926.86	238022.77	244486.93	2.34	ppb
Strontium	86-1	505.03	509.70	511.51	508.75	0.66	ppb
Strontium	88-1	509.72	514.66	511.29	511.89	0.49	ppb
Sulfur	34-1	9163.73	9232.15	9110.85	9168.91	0.66	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	502.52	514.33	514.10	510.32	1.32	ppb
Thallium	205-1	503.58	506.62	511.08	507.09	0.74	ppb
Tin	118-1	505.93	497.94	501.73	501.87	0.80	ppb
Titanium	47-1	2503.26	2488.20	2482.12	2491.19	0.44	ppb
Uranium	238-1	508.09	512.33	508.91	509.78	0.44	ppb
Vanadium	51-2	510.87	508.47	492.67	504.01	1.96	ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	967.58	979.71	945.36	964.22	1.81	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:46:32	DataFile Name :	016CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	501.90	504.16	499.72	501.93	0.44	ppb
Zirconium	91-1	489.12	493.98	490.81	491.30	0.50	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:11:59 DataFile Name : 017CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.89	1.27	-0.80	-1.48		ppb
Antimony	121-1	0.24	0.34	0.44	0.34	29.63	ppb
Arsenic	75-2	0.01	-0.04	0.04	0.00	1060.93	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.04	0.14	0.07	0.08	59.61	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Boron	10-1	3.53	2.79	3.23	3.18	11.68	ppb
Boron	11-1	3.97	3.21	4.31	3.83	14.66	ppb
Cadmium	111-1	0.08	-0.02	0.01	0.02	244.22	ppb
Cadmium	106-1	1.18	-0.33	0.08	0.31	252.91	ppb
Cadmium	108-1	0.05	0.01	-0.03	0.01	375.34	ppb
Calcium	43-1	-10.49	-6.01	-8.41	-8.31		ppb
Calcium	44-1	0.22	2.56	-0.01	0.92	154.08	ppb
Chromium	52-2	-0.10	-0.05	-0.03	-0.06		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.03	-0.06	0.00	-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				103		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	1.85	1.54	1.49	1.63	11.89	ppb
Iron	57-2	2.31	1.64	-0.71	1.08	146.45	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.03	0.03	23.63	ppb
Lead	207-1	0.02	0.04	0.02	0.03	31.07	ppb
Lead	208-1	0.03	0.03	0.03	0.03	13.42	ppb
Lithium	6-1				103		%
Magnesium	24-2	2.78	14.25	12.35	9.79	62.74	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:11:59	DataFile Name :	017CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.15	-0.03	0.06	144.74	ppb
Molybdenum	94-1	0.23	0.36	0.51	0.37	38.03	ppb
Molybdenum	95-1	0.25	0.41	0.50	0.39	33.10	ppb
Molybdenum	96-1	0.23	0.37	0.51	0.37	39.09	ppb
Molybdenum	97-1	0.19	0.47	0.57	0.41	48.33	ppb
Molybdenum	98-1	0.24	0.35	0.57	0.39	43.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.42	-0.61	-0.49	-0.51		ppb
Phosphorus	31-2	47.56	-8.51	-8.51	10.18	317.96	ppb
Potassium	39-2	-1.78	-12.40	3.21	-3.66		ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.28	-0.28	-1.34	-0.64		ppb
Selenium	82-1	0.90	0.18	1.12	0.74	66.80	ppb
Silicon	28-1	-16.64	-18.51	-19.71	-18.29		ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.03	ppb
Silver	107-1	0.01	0.01	0.00	0.01	46.07	ppb
Sodium	23-2	44.88	45.32	40.78	43.66	5.74	ppb
Strontium	86-1	0.02	-0.02	-0.02	-0.01		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	36.79	ppb
Sulfur	34-1	-493.11	-467.69	-677.74	-546.18		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.04	0.05	0.05	3.33	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	11.03	ppb
Tin	118-1	0.07	0.10	0.11	0.10	24.12	ppb
Titanium	47-1	0.14	0.19	0.05	0.13	56.68	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.02	0.00	0.00	197.67	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	0.08	0.20	0.23	0.17	48.54	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:11:59	DataFile Name :	017CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.01	53.97	ppb
Zirconium	91-1	0.00	0.04	0.01	0.02	119.66	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:15:24	DataFile Name :	018SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.14	11.94	15.73	18.27	43.30	ppb
Antimony	121-1	1.83	2.02	2.00	1.95	5.27	ppb
Arsenic	75-2	1.06	0.87	0.70	0.88	20.67	ppb
Barium	135-1	8.97	8.86	9.28	9.04	2.40	ppb
Barium	137-1	8.76	8.81	9.06	8.88	1.84	ppb
Beryllium	9-1	0.91	1.02	1.06	1.00	7.84	ppb
Bismuth	209-1				109		%
Bismuth	209-2				99		%
Boron	10-1	25.96	23.76	26.37	25.37	5.53	ppb
Boron	11-1	25.34	24.41	25.00	24.92	1.90	ppb
Cadmium	111-1	0.90	0.97	0.93	0.93	3.67	ppb
Cadmium	106-1	0.64	1.38	1.84	1.29	46.94	ppb
Cadmium	108-1	0.85	0.81	0.70	0.79	9.91	ppb
Calcium	43-1	461.44	455.39	422.28	446.37	4.72	ppb
Calcium	44-1	449.07	435.55	453.91	446.18	2.13	ppb
Chromium	52-2	1.87	2.03	1.88	1.93	4.82	ppb
Cobalt	59-2	1.05	0.89	0.87	0.94	10.66	ppb
Copper	63-2	1.84	1.83	1.97	1.88	3.88	ppb
Dysprosium	156-1						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				98		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	51.53	49.60	48.07	49.73	3.49	ppb
Iron	57-2	44.23	46.51	48.99	46.58	5.11	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.91	0.90	0.91	0.45	ppb
Lead	207-1	0.94	0.91	0.89	0.91	2.60	ppb
Lead	208-1	0.92	0.91	0.91	0.92	0.59	ppb
Lithium	6-1				102		%
Magnesium	24-2	487.21	475.36	456.16	472.91	3.31	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:15:24	DataFile Name :	018SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.87	0.97	0.92	0.92	5.02	ppb
Molybdenum	94-1	4.77	4.70	4.87	4.78	1.78	ppb
Molybdenum	95-1	4.38	4.53	4.73	4.55	3.92	ppb
Molybdenum	96-1	4.47	4.99	4.63	4.70	5.68	ppb
Molybdenum	97-1	4.65	4.84	4.75	4.75	1.99	ppb
Molybdenum	98-1	4.35	4.62	4.63	4.54	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	0.29	0.56	0.54	43.69	ppb
Phosphorus	31-2	-8.51	19.83	-8.51	0.94	1745.59	ppb
Potassium	39-2	459.18	452.92	465.66	459.25	1.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	77-2	0.00	13.01	0.00	4.34	173.21	ppb
Selenium	78-2	6.19	4.10	9.46	6.58	41.05	ppb
Selenium	82-1	5.22	5.09	4.31	4.87	10.09	ppb
Silicon	28-1	0.68	-3.96	1.62	-0.55		ppb
Silver	109-1	0.98	0.92	0.93	0.94	3.24	ppb
Silver	107-1	0.92	0.96	0.89	0.92	4.27	ppb
Sodium	23-2	519.78	509.86	507.51	512.39	1.27	ppb
Strontium	86-1	0.91	0.95	0.88	0.91	3.90	ppb
Strontium	88-1	0.95	0.97	0.91	0.94	2.96	ppb
Sulfur	34-1	-270.76	-628.74	-240.62	-380.04		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.96	0.93	0.94	0.94	1.67	ppb
Thallium	205-1	0.96	0.97	0.97	0.97	0.74	ppb
Tin	118-1	4.66	4.44	4.60	4.57	2.46	ppb
Titanium	47-1	4.83	4.46	4.51	4.60	4.35	ppb
Uranium	238-1	0.89	0.91	0.86	0.88	2.65	ppb
Vanadium	51-2	4.55	4.60	4.44	4.53	1.77	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	1.53	2.33	2.44	2.10	23.62	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:15:24	DataFile Name :	018SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.95	0.90	0.91	0.92	2.99	ppb
Zirconium	91-1	0.98	1.00	0.96	0.98	1.63	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : PB108278BL Instrumnet Name : P8
 Client Sample ID : PB108278BL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:20:18 DataFile Name : 019CCBE_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.75	-0.72	-2.80	-2.09		ppb
Antimony	121-1	0.02	0.08	0.13	0.08	74.80	ppb
Arsenic	75-2	-0.01	-0.04	-0.01	-0.02		ppb
Barium	135-1	-0.02	0.00	0.01	0.00		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.05	0.13	0.02	0.07	83.13	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	3.51	2.89	2.39	2.93	19.14	ppb
Boron	11-1	3.07	3.64	3.03	3.25	10.46	ppb
Cadmium	111-1	0.01	0.01	0.03	0.02	67.57	ppb
Cadmium	106-1	0.15	0.22	0.42	0.26	54.05	ppb
Cadmium	108-1	0.01	0.09	0.05	0.05	76.54	ppb
Calcium	43-1	-16.41	-1.90	-5.32	-7.88		ppb
Calcium	44-1	-4.17	-6.60	-3.52	-4.77		ppb
Chromium	52-2	-0.01	-0.06	-0.02	-0.03		ppb
Cobalt	59-2	0.00	0.00	-0.02	-0.01		ppb
Copper	63-2	-0.02	-0.03	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	1.12	1.64	0.28	1.01	67.78	ppb
Iron	57-2	3.10	-0.04	-1.81	0.42	596.86	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.01	0.01	108.62	ppb
Lead	207-1	0.02	0.02	0.01	0.02	34.95	ppb
Lead	208-1	0.02	0.02	0.02	0.02	5.55	ppb
Lithium	6-1				100		%
Magnesium	24-2	14.35	-0.69	9.56	7.74	99.31	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108278BL	Instrumnet Name :	P8
Client Sample ID :	PB108278BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:20:18	DataFile Name :	019CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	0.03	0.05	0.02	245.25	ppb
Molybdenum	94-1	0.05	0.06	0.15	0.09	60.90	ppb
Molybdenum	95-1	-0.01	0.07	0.12	0.06	110.85	ppb
Molybdenum	96-1	0.01	0.13	0.14	0.09	76.78	ppb
Molybdenum	97-1	0.03	0.13	0.16	0.11	62.53	ppb
Molybdenum	98-1	0.06	0.13	0.16	0.12	47.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.46	-0.63	-0.79	-0.63		ppb
Phosphorus	31-2	-8.51	19.59	-8.51	0.86	1891.58	ppb
Potassium	39-2	38.51	17.00	6.75	20.76	78.11	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	6.51	2.17	173.21	ppb
Selenium	78-2	0.85	-0.25	-1.34	-0.25		ppb
Selenium	82-1	-0.18	0.90	1.01	0.58	113.37	ppb
Silicon	28-1	-18.87	-18.65	-14.93	-17.48		ppb
Silver	109-1	0.00	0.01	0.01	0.01	44.03	ppb
Silver	107-1	0.01	0.01	0.01	0.01	36.52	ppb
Sodium	23-2	40.88	40.70	34.66	38.74	9.14	ppb
Strontium	86-1	-0.01	0.04	0.10	0.04	124.17	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	114.94	ppb
Sulfur	34-1	-292.08	-712.28	-351.38	-451.91		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.05	0.03	0.04	21.48	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.16	ppb
Tin	118-1	0.03	0.01	0.02	0.02	63.02	ppb
Titanium	47-1	-0.06	-0.01	-0.04	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	42.51	ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	-0.33	-0.33	-0.19	-0.28		ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108278BL	Instrumnet Name :	P8
Client Sample ID :	PB108278BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:20:18	DataFile Name :	019CCBE_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.01	153.92	ppb
Zirconium	91-1	0.00	0.00	0.03	0.01	160.68	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108278BS	Instrumnet Name :	P8
Client Sample ID :	PB108278BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:23:42	DataFile Name :	020LCS6_P8041718- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9691.40	10144.88	9814.11	9883.46	2.37	ppb
Antimony	121-1	492.99	491.73	490.86	491.86	0.22	ppb
Arsenic	75-2	504.23	492.85	481.44	492.84	2.31	ppb
Barium	135-1	2476.13	2460.50	2446.15	2460.93	0.61	ppb
Barium	137-1	2465.24	2462.39	2433.81	2453.81	0.71	ppb
Beryllium	9-1	499.90	497.55	494.79	497.41	0.51	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	451.40	479.48	490.57	473.82	4.26	ppb
Boron	11-1	467.34	476.07	489.86	477.76	2.38	ppb
Cadmium	111-1	492.16	490.68	486.73	489.86	0.57	ppb
Cadmium	106-1	491.94	487.33	487.06	488.78	0.56	ppb
Cadmium	108-1	482.58	498.59	487.34	489.50	1.68	ppb
Calcium	43-1	47018.27	47239.11	47605.87	47287.75	0.63	ppb
Calcium	44-1	46895.37	46931.80	47566.01	47131.06	0.80	ppb
Chromium	52-2	489.66	498.72	494.11	494.16	0.92	ppb
Cobalt	59-2	492.83	495.41	498.39	495.54	0.56	ppb
Copper	63-2	976.84	988.46	983.35	982.89	0.59	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				105		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				92		%
Iron	56-2	24808.53	25173.63	25258.07	25080.08	0.95	ppb
Iron	57-2	24276.91	24618.73	24582.60	24492.75	0.77	ppb
Krypton	83-1						cps
Lead	206-1	485.69	490.40	482.92	486.34	0.78	ppb
Lead	207-1	487.75	491.41	477.79	485.65	1.45	ppb
Lead	208-1	489.10	493.22	485.15	489.15	0.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	48847.63	49807.59	49657.85	49437.69	1.04	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108278BS	Instrumnet Name :	P8
Client Sample ID :	PB108278BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:23:42	DataFile Name :	020LCS6_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	975.82	1005.33	992.12	991.09	1.49	ppb
Molybdenum	94-1	2457.12	2384.94	2444.68	2428.91	1.59	ppb
Molybdenum	95-1	2428.51	2405.66	2420.31	2418.16	0.48	ppb
Molybdenum	96-1	2460.13	2407.92	2415.16	2427.74	1.17	ppb
Molybdenum	97-1	2442.62	2418.97	2473.87	2445.15	1.13	ppb
Molybdenum	98-1	2413.29	2416.07	2435.18	2421.51	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.56	503.63	493.59	497.60	1.07	ppb
Phosphorus	31-2	8743.49	9823.48	9434.77	9333.91	5.86	ppb
Potassium	39-2	24083.95	24418.34	24318.90	24273.73	0.71	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				87		%
Selenium	77-2	493.81	488.04	539.40	507.08	5.55	ppb
Selenium	78-2	505.06	516.46	480.64	500.72	3.65	ppb
Selenium	82-1	493.22	483.08	491.46	489.25	1.11	ppb
Silicon	28-1	519.33	510.73	522.91	517.66	1.21	ppb
Silver	109-1	498.47	495.86	502.77	499.03	0.70	ppb
Silver	107-1	495.82	494.48	492.43	494.24	0.35	ppb
Sodium	23-2	49525.22	50851.46	50805.30	50393.99	1.49	ppb
Strontium	86-1	484.47	478.05	482.94	481.82	0.70	ppb
Strontium	88-1	489.65	481.20	488.54	486.47	0.94	ppb
Sulfur	34-1	9446.49	9125.96	8707.75	9093.40	4.07	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	496.78	493.02	484.76	491.52	1.25	ppb
Thallium	205-1	492.54	488.51	482.09	487.72	1.08	ppb
Tin	118-1	491.71	487.15	494.67	491.18	0.77	ppb
Titanium	47-1	2467.75	2473.44	2462.11	2467.77	0.23	ppb
Uranium	238-1	479.07	479.32	476.32	478.24	0.35	ppb
Vanadium	51-2	487.57	501.09	495.57	494.74	1.37	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%
Zinc	66-2	985.22	998.87	981.25	988.45	0.93	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108278BS	Instrumnet Name :	P8
Client Sample ID :	PB108278BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:23:42	DataFile Name :	020LCS6_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	491.86	483.84	489.47	488.39	0.84	ppb
Zirconium	91-1	477.09	470.67	479.12	475.63	0.93	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-01 Instrumnet Name : P8
 Client Sample ID : LF012RW035-180409 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:26:58 DataFile Name : 021SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.09	11.90	12.40	12.80	8.97	ppb
Antimony	121-1	4.21	5.12	5.97	5.10	17.23	ppb
Arsenic	75-2	2.31	3.11	3.30	2.91	18.06	ppb
Barium	135-1	139.66	138.98	141.26	139.97	0.83	ppb
Barium	137-1	137.03	140.86	141.90	139.93	1.83	ppb
Beryllium	9-1	0.13	0.21	0.17	0.17	23.94	ppb
Bismuth	209-1				109		%
Bismuth	209-2				91		%
Boron	10-1	132.00	128.26	121.38	127.21	4.24	ppb
Boron	11-1	132.35	125.73	123.41	127.16	3.65	ppb
Cadmium	111-1	0.17	0.25	0.15	0.19	27.67	ppb
Cadmium	106-1	-0.01	0.57	-0.25	0.10	405.81	ppb
Cadmium	108-1	0.43	0.22	0.14	0.26	57.05	ppb
Calcium	43-1	153134.39	153220.62	155097.98	153817.66	0.72	ppb
Calcium	44-1	152917.30	152539.70	153836.75	153097.92	0.44	ppb
Chromium	52-2	1.13	1.20	1.03	1.12	7.65	ppb
Cobalt	59-2	0.21	0.17	0.20	0.20	11.37	ppb
Copper	63-2	4.03	4.20	4.17	4.13	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				99		%
Holmium	165-2				89		%
Indium	115-1				100		%
Indium	115-2				82		%
Iron	56-2	51.34	51.03	51.85	51.41	0.80	ppb
Iron	57-2	46.54	44.20	52.18	47.64	8.61	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.69	0.57	0.70	20.36	ppb
Lead	207-1	0.82	0.67	0.54	0.68	20.58	ppb
Lead	208-1	0.83	0.67	0.55	0.68	20.64	ppb
Lithium	6-1				126		%
Magnesium	24-2	13825.44	13755.20	14083.26	13887.97	1.24	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-01	Instrumnet Name :	P8
Client Sample ID :	LF012RW035-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:26:58	DataFile Name :	021SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	29.69	31.07	28.86	29.87	3.74	ppb
Molybdenum	94-1	3.32	3.47	3.56	3.45	3.43	ppb
Molybdenum	95-1	3.41	3.70	4.30	3.80	12.00	ppb
Molybdenum	96-1	3.50	3.91	4.28	3.90	10.08	ppb
Molybdenum	97-1	3.24	4.09	4.28	3.87	14.25	ppb
Molybdenum	98-1	3.27	4.03	4.28	3.86	13.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.44	1.46	1.90	1.60	16.33	ppb
Phosphorus	31-2	28.01	66.92	69.17	54.70	42.31	ppb
Potassium	39-2	11949.09	12397.77	12383.90	12243.59	2.08	ppb
Rhodium	103-1				93		%
Rhodium	103-2				83		%
Scandium	45-1				86		%
Scandium	45-2				66		%
Selenium	77-2	7.84	7.90	0.00	5.25	86.60	ppb
Selenium	78-2	-0.03	-0.02	1.34	0.43	182.90	ppb
Selenium	82-1	1.50	2.04	2.45	2.00	23.85	ppb
Silicon	28-1	5670.74	5591.53	5656.45	5639.58	0.75	ppb
Silver	109-1	0.92	0.78	0.69	0.79	14.74	ppb
Silver	107-1	0.92	0.80	0.66	0.79	16.42	ppb
Sodium	23-2	26149.37	26482.32	26928.26	26519.98	1.47	ppb
Strontium	86-1	655.68	653.61	651.96	653.75	0.28	ppb
Strontium	88-1	654.76	665.38	655.39	658.51	0.90	ppb
Sulfur	34-1	37607.53	36675.53	37516.32	37266.46	1.38	ppb
Terbium	159-1				100		%
Terbium	159-2				89		%
Thallium	203-1	1.02	0.68	0.44	0.71	40.70	ppb
Thallium	205-1	0.99	0.63	0.44	0.69	40.68	ppb
Tin	118-1	3.40	3.30	3.36	3.35	1.49	ppb
Titanium	47-1	1.37	1.12	1.49	1.33	13.97	ppb
Uranium	238-1	1.51	1.57	1.58	1.55	2.59	ppb
Vanadium	51-2	5.67	5.64	5.72	5.68	0.73	ppb
Yttrium	89-1				94		%
Yttrium	89-2				76		%
Zinc	66-2	18.00	16.71	18.97	17.89	6.35	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-01	Instrumnet Name :	P8
Client Sample ID :	LF012RW035-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:26:58	DataFile Name :	021SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.45	0.38	0.37	0.40	11.62	ppb
Zirconium	91-1	0.39	0.44	0.40	0.41	6.82	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-02 Instrumnet Name : P8
 Client Sample ID : LF012MW028-180409 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:30:21 DataFile Name : 022SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.77	4.02	10.15	6.98	43.99	ppb
Antimony	121-1	2.40	2.74	2.94	2.69	10.20	ppb
Arsenic	75-2	4.40	4.53	4.95	4.63	6.24	ppb
Barium	135-1	148.20	152.31	152.61	151.04	1.63	ppb
Barium	137-1	150.71	152.29	153.47	152.16	0.91	ppb
Beryllium	9-1	0.08	0.06	0.04	0.06	38.43	ppb
Bismuth	209-1				109		%
Bismuth	209-2				90		%
Boron	10-1	314.14	301.03	304.81	306.66	2.20	ppb
Boron	11-1	303.07	300.05	301.51	301.54	0.50	ppb
Cadmium	111-1	13.03	12.91	13.31	13.08	1.57	ppb
Cadmium	106-1	11.75	12.45	11.20	11.80	5.28	ppb
Cadmium	108-1	11.96	11.32	11.02	11.43	4.22	ppb
Calcium	43-1	295121.09	296272.73	289563.61	293652.48	1.22	ppb
Calcium	44-1	290993.72	300779.00	292669.52	294814.08	1.78	ppb
Chromium	52-2	1.26	1.45	1.22	1.31	9.37	ppb
Cobalt	59-2	6.62	7.10	7.04	6.92	3.77	ppb
Copper	63-2	47.74	48.74	48.60	48.36	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				102		%
Holmium	165-2				90		%
Indium	115-1				99		%
Indium	115-2				77		%
Iron	56-2	9109.94	9182.99	9249.74	9180.89	0.76	ppb
Iron	57-2	8816.13	8725.81	8850.69	8797.54	0.73	ppb
Krypton	83-1						cps
Lead	206-1	4.68	4.77	4.77	4.74	1.08	ppb
Lead	207-1	4.39	4.46	4.46	4.44	0.91	ppb
Lead	208-1	4.56	4.59	4.62	4.59	0.63	ppb
Lithium	6-1				148		%
Magnesium	24-2	27404.47	27781.32	28028.47	27738.09	1.13	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-02	Instrumnet Name :	P8
Client Sample ID :	LF012MW028-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:30:21	DataFile Name :	022SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	833.52	842.37	850.99	842.29	1.04	ppb
Molybdenum	94-1	2.48	2.70	2.67	2.62	4.49	ppb
Molybdenum	95-1	2.83	2.99	3.18	3.00	5.82	ppb
Molybdenum	96-1	2.81	3.07	3.31	3.06	8.17	ppb
Molybdenum	97-1	2.87	2.95	3.28	3.03	7.15	ppb
Molybdenum	98-1	2.88	2.96	3.01	2.95	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.56	48.25	48.58	48.13	1.08	ppb
Phosphorus	31-2	-8.51	111.53	32.00	45.01	135.68	ppb
Potassium	39-2	9529.06	9598.10	9742.52	9623.23	1.13	ppb
Rhodium	103-1				93		%
Rhodium	103-2				81		%
Scandium	45-1				82		%
Scandium	45-2				62		%
Selenium	77-2	8.25	8.30	8.44	8.33	1.18	ppb
Selenium	78-2	2.81	0.05	0.07	0.98	162.61	ppb
Selenium	82-1	1.45	0.66	1.52	1.21	39.60	ppb
Silicon	28-1	10822.82	11070.82	10769.25	10887.63	1.48	ppb
Silver	109-1	0.67	0.69	0.68	0.68	1.65	ppb
Silver	107-1	0.71	0.70	0.66	0.69	3.49	ppb
Sodium	23-2	63143.36	64059.84	62961.94	63388.38	0.93	ppb
Strontium	86-1	1115.90	1138.60	1118.22	1124.24	1.11	ppb
Strontium	88-1	1122.70	1120.60	1113.12	1118.81	0.45	ppb
Sulfur	34-1	131470.66	134088.76	127779.50	131112.97	2.42	ppb
Terbium	159-1				102		%
Terbium	159-2				89		%
Thallium	203-1	0.08	0.10	0.10	0.09	10.43	ppb
Thallium	205-1	0.13	0.12	0.11	0.12	7.25	ppb
Tin	118-1	2.21	2.26	2.19	2.22	1.54	ppb
Titanium	47-1	0.95	1.00	1.29	1.08	16.65	ppb
Uranium	238-1	1.16	1.15	1.20	1.17	2.06	ppb
Vanadium	51-2	1.18	0.91	1.04	1.04	13.20	ppb
Yttrium	89-1				92		%
Yttrium	89-2				72		%
Zinc	66-2	306.12	306.38	308.44	306.98	0.41	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-02	Instrumnet Name :	P8
Client Sample ID :	LF012MW028-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:30:21	DataFile Name :	022SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.32	0.29	0.32	0.31	5.53	ppb
Zirconium	91-1	0.28	0.35	0.26	0.30	16.13	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-03	Instrumnet Name :	P8
Client Sample ID :	LF012MW200-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:33:42	DataFile Name :	023SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.40	1.29	1.19	2.29	79.62	ppb
Antimony	121-1	1.28	1.40	1.57	1.42	10.12	ppb
Arsenic	75-2	8.40	8.15	8.42	8.32	1.81	ppb
Barium	135-1	69.11	69.38	68.62	69.03	0.56	ppb
Barium	137-1	69.73	69.07	69.27	69.36	0.48	ppb
Beryllium	9-1	0.04	0.02	0.01	0.02	79.47	ppb
Bismuth	209-1				107		%
Bismuth	209-2				88		%
Boron	10-1	385.26	399.45	387.07	390.59	1.98	ppb
Boron	11-1	391.41	395.07	389.22	391.90	0.75	ppb
Cadmium	111-1	0.02	0.09	0.04	0.05	75.87	ppb
Cadmium	106-1	-1.02	-0.28	-0.58	-0.63		ppb
Cadmium	108-1	0.05	0.22	0.22	0.16	58.09	ppb
Calcium	43-1	235354.14	233608.48	228411.14	232457.92	1.55	ppb
Calcium	44-1	233228.48	232445.35	229158.04	231610.62	0.93	ppb
Chromium	52-2	0.97	0.78	0.68	0.81	17.71	ppb
Cobalt	59-2	0.82	0.91	0.93	0.88	6.37	ppb
Copper	63-2	3.06	3.01	2.69	2.92	6.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				89		%
Indium	115-1				96		%
Indium	115-2				76		%
Iron	56-2	11790.98	11537.21	11369.14	11565.78	1.84	ppb
Iron	57-2	11341.29	11054.47	11044.22	11146.66	1.51	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.43	0.37	0.41	7.12	ppb
Lead	207-1	0.38	0.32	0.40	0.37	11.34	ppb
Lead	208-1	0.40	0.39	0.38	0.39	2.26	ppb
Lithium	6-1				154		%
Magnesium	24-2	41315.59	40684.48	39812.33	40604.13	1.86	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-03	Instrumnet Name :	P8
Client Sample ID :	LF012MW200-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:33:42	DataFile Name :	023SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	780.55	759.93	759.18	766.56	1.58	ppb
Molybdenum	94-1	1.80	1.99	1.81	1.86	5.63	ppb
Molybdenum	95-1	2.00	2.05	1.96	2.00	2.24	ppb
Molybdenum	96-1	2.05	2.16	2.14	2.12	2.89	ppb
Molybdenum	97-1	1.89	2.30	2.09	2.09	9.74	ppb
Molybdenum	98-1	1.97	2.07	2.10	2.04	3.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.43	2.93	2.90	3.09	9.68	ppb
Phosphorus	31-2	74.96	-8.51	32.45	32.97	126.60	ppb
Potassium	39-2	8661.11	8632.38	8566.03	8619.84	0.57	ppb
Rhodium	103-1				91		%
Rhodium	103-2				79		%
Scandium	45-1				80		%
Scandium	45-2				60		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.48	0.08	0.09	0.55	146.61	ppb
Selenium	82-1	1.04	1.74	-0.42	0.79	139.64	ppb
Silicon	28-1	11545.29	11563.47	11388.96	11499.24	0.83	ppb
Silver	109-1	0.27	0.22	0.20	0.23	14.82	ppb
Silver	107-1	0.23	0.22	0.22	0.22	2.46	ppb
Sodium	23-2	90313.94	90336.85	87734.31	89461.70	1.67	ppb
Strontium	86-1	1256.09	1281.42	1266.88	1268.13	1.00	ppb
Strontium	88-1	1262.63	1256.07	1245.07	1254.59	0.71	ppb
Sulfur	34-1	96253.59	95900.83	94584.08	95579.50	0.92	ppb
Terbium	159-1				102		%
Terbium	159-2				88		%
Thallium	203-1	0.04	0.03	0.04	0.03	2.89	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	5.18	ppb
Tin	118-1	1.87	1.91	1.89	1.89	1.12	ppb
Titanium	47-1	1.04	1.06	1.13	1.08	4.24	ppb
Uranium	238-1	0.56	0.55	0.52	0.54	3.56	ppb
Vanadium	51-2	0.64	0.53	0.58	0.58	9.34	ppb
Yttrium	89-1				92		%
Yttrium	89-2				71		%
Zinc	66-2	57.05	57.80	54.72	56.52	2.84	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-03	Instrumnet Name :	P8
Client Sample ID :	LF012MW200-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:33:42	DataFile Name :	023SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.24	0.23	0.23	3.52	ppb
Zirconium	91-1	0.25	0.22	0.22	0.23	6.46	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-04 Instrumnet Name : P8
 Client Sample ID : DUP-0439-180409 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:37:02 DataFile Name : 024SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.06	20.04	11.02	17.04	30.58	ppb
Antimony	121-1	2.09	2.24	2.28	2.20	4.57	ppb
Arsenic	75-2	4.40	4.95	4.07	4.47	9.89	ppb
Barium	135-1	147.37	144.81	146.38	146.19	0.88	ppb
Barium	137-1	147.85	146.11	145.37	146.44	0.87	ppb
Beryllium	9-1	0.00	0.02	-0.01	0.01	226.06	ppb
Bismuth	209-1				108		%
Bismuth	209-2				88		%
Boron	10-1	277.97	279.65	280.26	279.30	0.42	ppb
Boron	11-1	269.03	270.50	273.97	271.17	0.94	ppb
Cadmium	111-1	12.05	12.42	11.84	12.11	2.44	ppb
Cadmium	106-1	7.85	10.81	8.76	9.14	16.59	ppb
Cadmium	108-1	10.58	10.90	12.13	11.21	7.31	ppb
Calcium	43-1	283501.83	284131.44	287607.40	285080.22	0.78	ppb
Calcium	44-1	286249.93	287298.36	288200.02	287249.44	0.34	ppb
Chromium	52-2	1.84	1.55	1.62	1.67	9.16	ppb
Cobalt	59-2	6.48	6.87	7.07	6.81	4.39	ppb
Copper	63-2	45.31	44.31	46.20	45.27	2.09	ppb
Dysprosium	156-1						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				88		%
Indium	115-1				96		%
Indium	115-2				74		%
Iron	56-2	8164.34	8182.33	8357.25	8234.64	1.29	ppb
Iron	57-2	8013.48	7778.25	8042.09	7944.61	1.82	ppb
Krypton	83-1						cps
Lead	206-1	4.50	4.65	4.42	4.53	2.61	ppb
Lead	207-1	4.12	4.26	4.16	4.18	1.72	ppb
Lead	208-1	4.25	4.34	4.33	4.31	1.19	ppb
Lithium	6-1				158		%
Magnesium	24-2	26699.39	26390.90	26818.11	26636.13	0.83	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0439-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:37:02	DataFile Name :	024SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	816.71	818.77	831.13	822.20	0.95	ppb
Molybdenum	94-1	2.29	2.26	2.20	2.25	1.99	ppb
Molybdenum	95-1	2.62	2.42	2.74	2.59	6.32	ppb
Molybdenum	96-1	2.46	2.38	2.62	2.49	4.97	ppb
Molybdenum	97-1	2.68	2.75	2.51	2.65	4.68	ppb
Molybdenum	98-1	2.66	2.70	2.68	2.68	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.58	47.39	47.05	46.68	2.07	ppb
Phosphorus	31-2	159.59	33.46	-8.51	61.51	142.23	ppb
Potassium	39-2	9337.65	9296.53	9645.87	9426.68	2.03	ppb
Rhodium	103-1				90		%
Rhodium	103-2				78		%
Scandium	45-1				78		%
Scandium	45-2				59		%
Selenium	77-2	8.74	0.00	0.00	2.91	173.21	ppb
Selenium	78-2	-1.34	-1.34	0.11	-0.86		ppb
Selenium	82-1	0.32	1.44	1.29	1.02	60.03	ppb
Silicon	28-1	10299.78	10316.31	10447.28	10354.46	0.78	ppb
Silver	109-1	0.52	0.49	0.45	0.49	7.25	ppb
Silver	107-1	0.47	0.54	0.49	0.50	7.40	ppb
Sodium	23-2	61675.14	62041.16	62266.28	61994.19	0.48	ppb
Strontium	86-1	1074.28	1085.09	1074.99	1078.12	0.56	ppb
Strontium	88-1	1070.60	1087.59	1067.08	1075.09	1.02	ppb
Sulfur	34-1	126070.26	125948.36	128663.29	126893.97	1.21	ppb
Terbium	159-1				101		%
Terbium	159-2				87		%
Thallium	203-1	0.03	0.04	0.05	0.04	32.32	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	9.42	ppb
Tin	118-1	1.86	1.93	1.93	1.91	2.02	ppb
Titanium	47-1	1.91	1.01	1.13	1.35	36.12	ppb
Uranium	238-1	1.13	1.17	1.17	1.16	2.31	ppb
Vanadium	51-2	0.98	0.77	1.04	0.93	14.79	ppb
Yttrium	89-1				91		%
Yttrium	89-2				69		%
Zinc	66-2	284.58	287.14	294.56	288.76	1.80	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0439-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:37:02	DataFile Name :	024SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.26	0.21	0.24	11.75	ppb
Zirconium	91-1	0.28	0.22	0.23	0.24	12.84	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:40:23 DataFile Name : 025SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.46	41.11	30.32	41.96	28.81	ppb
Antimony	121-1	1.30	1.38	1.55	1.41	9.02	ppb
Arsenic	75-2	4.91	4.69	4.83	4.81	2.23	ppb
Barium	135-1	34.15	33.84	33.66	33.88	0.73	ppb
Barium	137-1	34.09	34.44	33.03	33.85	2.17	ppb
Beryllium	9-1	0.02	0.02	-0.01	0.01	164.20	ppb
Bismuth	209-1				107		%
Bismuth	209-2				85		%
Boron	10-1	402.12	407.33	422.95	410.80	2.64	ppb
Boron	11-1	402.70	412.87	412.13	409.23	1.39	ppb
Cadmium	111-1	0.10	0.04	0.09	0.08	41.89	ppb
Cadmium	106-1	0.20	-0.81	-0.42	-0.34		ppb
Cadmium	108-1	0.14	-0.03	0.09	0.07	127.38	ppb
Calcium	43-1	364427.57	369401.43	366303.40	366710.80	0.68	ppb
Calcium	44-1	365279.25	368702.54	364710.48	366230.76	0.59	ppb
Chromium	52-2	1.68	1.62	1.71	1.67	2.56	ppb
Cobalt	59-2	0.83	1.23	1.02	1.03	19.30	ppb
Copper	63-2	1.57	1.73	1.66	1.65	5.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				86		%
Indium	115-1				95		%
Indium	115-2				71		%
Iron	56-2	5632.13	6197.46	5650.54	5826.71	5.51	ppb
Iron	57-2	5465.40	6297.18	5555.88	5772.82	7.91	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.37	0.34	0.34	7.18	ppb
Lead	207-1	0.31	0.33	0.34	0.33	5.39	ppb
Lead	208-1	0.31	0.34	0.34	0.33	4.81	ppb
Lithium	6-1				156		%
Magnesium	24-2	94400.68	106433.11	97460.00	99431.26	6.29	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:40:23	DataFile Name :	025SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	475.70	537.16	491.14	501.33	6.38	ppb
Molybdenum	94-1	1.34	1.33	1.18	1.28	7.14	ppb
Molybdenum	95-1	1.16	1.23	1.37	1.25	8.34	ppb
Molybdenum	96-1	1.26	1.25	1.32	1.28	2.73	ppb
Molybdenum	97-1	1.21	1.34	1.45	1.34	9.08	ppb
Molybdenum	98-1	1.29	1.26	1.39	1.31	5.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.52	6.82	6.38	6.24	10.58	ppb
Phosphorus	31-2	117.76	86.88	77.78	94.14	22.26	ppb
Potassium	39-2	10163.97	11470.87	10515.02	10716.62	6.31	ppb
Rhodium	103-1				89		%
Rhodium	103-2				75		%
Scandium	45-1				78		%
Scandium	45-2				56		%
Selenium	77-2	0.00	0.00	8.74	2.91	173.21	ppb
Selenium	78-2	0.09	-1.34	-1.34	-0.86		ppb
Selenium	82-1	1.71	1.91	1.26	1.63	20.39	ppb
Silicon	28-1	12268.13	12413.39	12153.19	12278.24	1.06	ppb
Silver	109-1	0.16	0.16	0.16	0.16	1.03	ppb
Silver	107-1	0.19	0.17	0.15	0.17	12.07	ppb
Sodium	23-2	125758.22	139942.80	127824.04	131175.02	5.84	ppb
Strontium	86-1	2571.38	2557.32	2555.64	2561.45	0.34	ppb
Strontium	88-1	2591.76	2580.22	2578.48	2583.49	0.28	ppb
Sulfur	34-1	301369.97	302577.97	298118.26	300688.73	0.77	ppb
Terbium	159-1				102		%
Terbium	159-2				85		%
Thallium	203-1	0.01	0.03	0.01	0.02	69.89	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	15.43	ppb
Tin	118-1	1.42	1.52	1.68	1.54	8.46	ppb
Titanium	47-1	1.21	1.18	1.60	1.33	17.61	ppb
Uranium	238-1	1.31	1.31	1.36	1.33	1.91	ppb
Vanadium	51-2	1.08	1.33	1.67	1.36	21.91	ppb
Yttrium	89-1				91		%
Yttrium	89-2				67		%
Zinc	66-2	4.71	7.33	4.53	5.52	28.40	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:40:23	DataFile Name :	025SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.28	0.23	0.24	16.00	ppb
Zirconium	91-1	0.26	0.21	0.20	0.22	14.81	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05DUP Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:43:44 DataFile Name : 026SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.32	44.54	24.42	35.43	28.77	ppb
Antimony	121-1	1.39	1.43	1.52	1.45	4.35	ppb
Arsenic	75-2	4.14	3.79	4.13	4.02	4.95	ppb
Barium	135-1	33.66	35.01	34.55	34.40	1.99	ppb
Barium	137-1	34.58	34.34	33.46	34.13	1.73	ppb
Beryllium	9-1	-0.05	0.06	-0.03	-0.01		ppb
Bismuth	209-1				109		%
Bismuth	209-2				88		%
Boron	10-1	412.85	420.51	426.31	419.89	1.61	ppb
Boron	11-1	412.94	422.32	424.93	420.07	1.50	ppb
Cadmium	111-1	0.01	-0.01	0.03	0.01	186.09	ppb
Cadmium	106-1	-0.94	-1.34	-1.12	-1.13		ppb
Cadmium	108-1	-0.07	0.05	0.05	0.01	637.10	ppb
Calcium	43-1	369107.99	367923.35	365916.96	367649.44	0.44	ppb
Calcium	44-1	369017.11	371071.07	368453.18	369513.79	0.37	ppb
Chromium	52-2	1.41	1.59	1.73	1.57	10.20	ppb
Cobalt	59-2	0.95	0.96	0.99	0.96	2.01	ppb
Copper	63-2	1.43	1.63	1.47	1.51	7.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				89		%
Indium	115-1				95		%
Indium	115-2				72		%
Iron	56-2	5716.53	5782.97	5707.57	5735.69	0.72	ppb
Iron	57-2	5532.43	5641.76	5572.39	5582.19	0.99	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.36	0.34	0.34	5.39	ppb
Lead	207-1	0.29	0.28	0.26	0.28	3.95	ppb
Lead	208-1	0.30	0.30	0.32	0.31	3.47	ppb
Lithium	6-1				155		%
Magnesium	24-2	98809.87	101579.72	97816.76	99402.12	1.96	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05DUP Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:43:44 DataFile Name : 026SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	494.43	498.07	487.62	493.37	1.07	ppb
Molybdenum	94-1	1.27	1.25	1.24	1.25	1.23	ppb
Molybdenum	95-1	1.21	1.18	1.27	1.22	3.90	ppb
Molybdenum	96-1	1.27	1.39	1.26	1.31	5.83	ppb
Molybdenum	97-1	1.38	1.35	1.16	1.30	9.32	ppb
Molybdenum	98-1	1.32	1.35	1.37	1.34	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.63	5.64	5.57	5.61	0.74	ppb
Phosphorus	31-2	79.02	80.32	35.36	64.90	39.43	ppb
Potassium	39-2	10500.89	10468.81	10147.82	10372.51	1.88	ppb
Rhodium	103-1				90		%
Rhodium	103-2				77		%
Scandium	45-1				78		%
Scandium	45-2				56		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	-1.34	-1.34	-1.34		ppb
Selenium	82-1	1.35	2.72	2.02	2.03	33.70	ppb
Silicon	28-1	12311.24	12316.92	12252.75	12293.63	0.29	ppb
Silver	109-1	0.19	0.16	0.14	0.16	14.00	ppb
Silver	107-1	0.16	0.15	0.15	0.15	2.85	ppb
Sodium	23-2	129292.76	130638.33	129480.81	129803.97	0.56	ppb
Strontium	86-1	2589.51	2592.45	2590.28	2590.74	0.06	ppb
Strontium	88-1	2645.03	2627.27	2621.25	2631.19	0.47	ppb
Sulfur	34-1	304468.89	302060.05	300615.01	302381.31	0.64	ppb
Terbium	159-1				104		%
Terbium	159-2				88		%
Thallium	203-1	0.01	0.00	0.00	0.01	56.31	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	45.72	ppb
Tin	118-1	1.50	1.49	1.51	1.50	0.73	ppb
Titanium	47-1	1.35	1.56	1.82	1.57	15.04	ppb
Uranium	238-1	1.31	1.30	1.35	1.32	1.78	ppb
Vanadium	51-2	1.28	1.42	0.89	1.19	23.09	ppb
Yttrium	89-1				91		%
Yttrium	89-2				68		%
Zinc	66-2	4.81	5.87	5.42	5.37	9.86	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05DUP	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410DL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:43:44	DataFile Name :	026SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.21	0.19	0.21	7.90	ppb
Zirconium	91-1	0.28	0.23	0.14	0.22	32.69	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05LX5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410L Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 15:47:05 DataFile Name : 027SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.58	11.99	22.93	16.50	34.66	ppb
Antimony	121-1	0.24	0.23	0.21	0.23	6.04	ppb
Arsenic	75-2	0.79	0.95	0.62	0.79	20.63	ppb
Barium	135-1	7.14	7.20	6.81	7.05	2.98	ppb
Barium	137-1	6.82	6.87	6.96	6.88	0.99	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	65.35	ppb
Bismuth	209-1				115		%
Bismuth	209-2				96		%
Boron	10-1	139.91	138.61	147.64	142.05	3.44	ppb
Boron	11-1	140.95	141.09	141.54	141.19	0.22	ppb
Cadmium	111-1	-0.01	0.04	-0.03	0.00		ppb
Cadmium	106-1	-0.37	0.15	-0.77	-0.33		ppb
Cadmium	108-1	0.05	-0.07	-0.03	-0.02		ppb
Calcium	43-1	74190.40	74979.33	74691.46	74620.40	0.54	ppb
Calcium	44-1	74594.41	75537.94	75220.81	75117.72	0.64	ppb
Chromium	52-2	0.35	0.34	0.43	0.37	13.94	ppb
Cobalt	59-2	0.15	0.23	0.16	0.18	25.41	ppb
Copper	63-2	0.49	0.54	0.46	0.50	8.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				96		%
Indium	115-1				102		%
Indium	115-2				82		%
Iron	56-2	1110.22	1133.25	1107.11	1116.86	1.28	ppb
Iron	57-2	1060.36	1105.95	1101.61	1089.31	2.31	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.09	0.06	0.07	27.16	ppb
Lead	207-1	0.08	0.09	0.07	0.08	11.64	ppb
Lead	208-1	0.08	0.09	0.06	0.08	13.93	ppb
Lithium	6-1				121		%
Magnesium	24-2	18968.27	19082.07	18647.39	18899.24	1.19	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05LX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 15:47:05	DataFile Name :	027SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.57	97.36	95.25	97.06	1.73	ppb
Molybdenum	94-1	0.23	0.29	0.32	0.28	15.84	ppb
Molybdenum	95-1	0.19	0.27	0.24	0.23	19.42	ppb
Molybdenum	96-1	0.27	0.26	0.29	0.27	5.91	ppb
Molybdenum	97-1	0.26	0.25	0.25	0.26	3.40	ppb
Molybdenum	98-1	0.28	0.27	0.28	0.28	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	1.22	0.80	0.96	24.40	ppb
Phosphorus	31-2	66.47	29.38	-8.51	29.11	128.77	ppb
Potassium	39-2	2106.66	2045.38	2133.54	2095.20	2.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				87		%
Scandium	45-1				86		%
Scandium	45-2				66		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.05	-0.03	3.93	1.29	178.21	ppb
Selenium	82-1	0.43	1.47	0.11	0.67	105.64	ppb
Silicon	28-1	2491.37	2521.68	2543.98	2519.01	1.05	ppb
Silver	109-1	0.19	0.06	0.06	0.10	70.87	ppb
Silver	107-1	0.09	0.07	0.05	0.07	25.65	ppb
Sodium	23-2	24723.11	25290.87	24635.73	24883.24	1.43	ppb
Strontium	86-1	526.22	516.76	514.24	519.07	1.22	ppb
Strontium	88-1	532.91	529.24	522.28	528.14	1.02	ppb
Sulfur	34-1	64219.75	65258.64	64832.87	64770.42	0.81	ppb
Terbium	159-1				109		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.01	-0.01	0.00	1035.46	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	114.32	ppb
Tin	118-1	0.23	0.19	0.18	0.20	13.22	ppb
Titanium	47-1	0.46	0.65	0.77	0.63	25.25	ppb
Uranium	238-1	0.27	0.27	0.27	0.27	0.93	ppb
Vanadium	51-2	0.26	0.26	0.37	0.30	20.42	ppb
Yttrium	89-1				98		%
Yttrium	89-2				77		%
Zinc	66-2	1.07	0.81	1.35	1.08	24.74	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05LX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 15:47:05	DataFile Name :	027SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.04	0.03	18.73	ppb
Zirconium	91-1	0.01	0.04	0.03	0.03	44.36	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:50:28	DataFile Name :	028CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48730.40	52198.85	47848.07	49592.44	4.64	ppb
Antimony	121-1	455.04	458.34	461.05	458.15	0.66	ppb
Arsenic	75-2	485.80	507.91	494.21	495.97	2.25	ppb
Barium	135-1	2385.79	2382.59	2415.43	2394.60	0.76	ppb
Barium	137-1	2393.00	2381.19	2410.07	2394.75	0.61	ppb
Beryllium	9-1	457.81	459.38	459.75	458.98	0.22	ppb
Bismuth	209-1				116		%
Bismuth	209-2				96		%
Boron	10-1	480.66	483.55	501.38	488.53	2.30	ppb
Boron	11-1	476.18	483.11	490.83	483.37	1.52	ppb
Cadmium	111-1	459.33	459.39	462.97	460.56	0.45	ppb
Cadmium	106-1	455.46	462.02	469.13	462.20	1.48	ppb
Cadmium	108-1	458.94	465.37	465.55	463.29	0.81	ppb
Calcium	43-1	235681.37	240637.83	241218.59	239179.27	1.27	ppb
Calcium	44-1	236286.16	239514.69	242439.49	239413.45	1.29	ppb
Chromium	52-2	528.61	559.47	523.67	537.25	3.61	ppb
Cobalt	59-2	523.57	560.59	521.97	535.38	4.08	ppb
Copper	63-2	1034.27	1097.05	1026.95	1052.76	3.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				83		%
Iron	56-2	128000.69	137533.00	127812.30	131115.33	4.24	ppb
Iron	57-2	125507.57	133575.25	125274.34	128119.05	3.69	ppb
Krypton	83-1						cps
Lead	206-1	504.14	498.22	508.52	503.63	1.03	ppb
Lead	207-1	509.17	496.74	501.54	502.48	1.25	ppb
Lead	208-1	505.32	498.96	503.70	502.66	0.66	ppb
Lithium	6-1				99		%
Magnesium	24-2	249154.74	261936.97	247072.87	252721.53	3.18	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:50:28	DataFile Name :	028CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1012.17	1084.04	1008.61	1034.94	4.11	ppb
Molybdenum	94-1	2530.57	2504.85	2494.00	2509.81	0.75	ppb
Molybdenum	95-1	2526.10	2474.94	2470.50	2490.51	1.24	ppb
Molybdenum	96-1	2485.30	2458.63	2467.86	2470.60	0.55	ppb
Molybdenum	97-1	2564.62	2505.33	2523.44	2531.13	1.20	ppb
Molybdenum	98-1	2498.76	2489.43	2487.74	2491.97	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.99	568.03	531.20	543.74	3.87	ppb
Phosphorus	31-2	9281.35	9757.60	9764.10	9601.02	2.88	ppb
Potassium	39-2	116879.33	123581.87	116346.51	118935.90	3.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				72		%
Selenium	77-2	344.09	566.24	484.81	465.05	24.17	ppb
Selenium	78-2	462.77	487.44	556.86	502.36	9.71	ppb
Selenium	82-1	483.49	471.71	482.80	479.33	1.38	ppb
Silicon	28-1	520.58	546.20	558.30	541.69	3.56	ppb
Silver	109-1	484.41	484.60	489.53	486.18	0.60	ppb
Silver	107-1	482.37	481.39	491.84	485.20	1.19	ppb
Sodium	23-2	243200.91	260267.84	244280.59	249249.78	3.83	ppb
Strontium	86-1	495.44	494.32	492.82	494.19	0.27	ppb
Strontium	88-1	505.02	501.28	502.99	503.10	0.37	ppb
Sulfur	34-1	8405.26	8586.29	9033.57	8675.04	3.73	ppb
Terbium	159-1				113		%
Terbium	159-2				99		%
Thallium	203-1	503.58	495.30	501.87	500.25	0.87	ppb
Thallium	205-1	502.88	497.60	500.02	500.17	0.53	ppb
Tin	118-1	480.55	474.98	481.95	479.16	0.77	ppb
Titanium	47-1	2452.58	2440.98	2501.35	2464.97	1.30	ppb
Uranium	238-1	518.31	518.83	522.51	519.88	0.44	ppb
Vanadium	51-2	517.87	548.24	511.05	525.72	3.77	ppb
Yttrium	89-1				104		%
Yttrium	89-2				83		%
Zinc	66-2	1014.18	1097.05	1011.35	1040.86	4.68	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:50:28	DataFile Name :	028CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	495.93	491.58	493.99	493.83	0.44	ppb
Zirconium	91-1	483.63	483.31	478.01	481.65	0.66	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:57:28	DataFile Name :	029CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.89	-2.51	-4.89	-4.10		ppb
Antimony	121-1	0.43	0.54	0.63	0.53	18.33	ppb
Arsenic	75-2	0.07	0.12	0.02	0.07	73.45	ppb
Barium	135-1	0.04	0.00	0.01	0.01	122.87	ppb
Barium	137-1	0.03	0.03	0.02	0.02	31.08	ppb
Beryllium	9-1	0.16	0.14	0.17	0.16	12.22	ppb
Bismuth	209-1				120		%
Bismuth	209-2				103		%
Boron	10-1	15.60	14.71	14.18	14.83	4.84	ppb
Boron	11-1	14.17	16.04	14.75	14.99	6.39	ppb
Cadmium	111-1	-0.01	0.10	-0.02	0.02	329.01	ppb
Cadmium	106-1	-0.56	0.78	-0.73	-0.17		ppb
Cadmium	108-1	-0.07	0.04	0.04	0.01	1159.19	ppb
Calcium	43-1	-11.28	-16.43	-23.82	-17.17		ppb
Calcium	44-1	14.30	14.78	15.29	14.79	3.35	ppb
Chromium	52-2	0.03	0.04	0.00	0.02	98.28	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	183.55	ppb
Copper	63-2	0.07	0.09	0.16	0.11	44.00	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				111		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				90		%
Iron	56-2	3.31	2.75	3.05	3.03	9.23	ppb
Iron	57-2	1.29	4.60	4.84	3.57	55.55	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.05	0.05	12.70	ppb
Lead	207-1	0.06	0.05	0.06	0.06	13.09	ppb
Lead	208-1	0.05	0.05	0.05	0.05	4.66	ppb
Lithium	6-1				104		%
Magnesium	24-2	5.91	10.17	6.31	7.46	31.52	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:57:28	DataFile Name :	029CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.12	0.05	0.12	0.10	45.26	ppb
Molybdenum	94-1	0.42	0.60	0.63	0.55	20.35	ppb
Molybdenum	95-1	0.43	0.63	0.83	0.63	31.74	ppb
Molybdenum	96-1	0.55	0.65	0.83	0.68	21.08	ppb
Molybdenum	97-1	0.53	0.64	0.82	0.66	22.56	ppb
Molybdenum	98-1	0.49	0.69	0.83	0.67	25.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.39	0.04	0.17	107.75	ppb
Phosphorus	31-2	-8.51	-8.51	-8.51	-8.51		ppb
Potassium	39-2	-5.68	-20.70	13.06	-4.44		ppb
Rhodium	103-1				105		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				76		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.00	2.17	-1.34	0.61	293.27	ppb
Selenium	82-1	0.86	0.40	-0.10	0.39	125.02	ppb
Silicon	28-1	-39.07	-39.17	-38.40	-38.88		ppb
Silver	109-1	0.04	0.04	0.05	0.04	14.58	ppb
Silver	107-1	0.04	0.05	0.04	0.04	12.64	ppb
Sodium	23-2	44.12	37.95	41.00	41.02	7.53	ppb
Strontium	86-1	0.01	0.02	-0.05	-0.01		ppb
Strontium	88-1	0.02	0.02	0.03	0.02	18.97	ppb
Sulfur	34-1	-1252.76	-1483.23	-1258.79	-1331.59		ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.04	0.05	0.05	17.95	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	5.30	ppb
Tin	118-1	0.14	0.17	0.19	0.16	15.12	ppb
Titanium	47-1	0.00	0.11	0.16	0.09	93.38	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.95	ppb
Vanadium	51-2	0.03	0.00	0.00	0.01	141.58	ppb
Yttrium	89-1				103		%
Yttrium	89-2				86		%
Zinc	66-2	0.26	0.29	0.19	0.25	20.32	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:57:28	DataFile Name :	029CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.06	0.05	10.49	ppb
Zirconium	91-1	0.04	0.05	0.03	0.04	19.58	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-06 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:00:51 DataFile Name : 030SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9428.30	9193.44	9689.54	9437.09	2.63	ppb
Antimony	121-1	470.87	476.08	470.01	472.32	0.70	ppb
Arsenic	75-2	505.22	499.49	504.24	502.98	0.61	ppb
Barium	135-1	2405.02	2399.57	2392.94	2399.18	0.25	ppb
Barium	137-1	2384.72	2375.56	2360.44	2373.58	0.52	ppb
Beryllium	9-1	248.89	249.58	238.73	245.73	2.47	ppb
Bismuth	209-1				112		%
Bismuth	209-2				90		%
Boron	10-1	671.61	674.57	673.47	673.22	0.22	ppb
Boron	11-1	655.76	676.31	677.02	669.70	1.80	ppb
Cadmium	111-1	445.64	446.18	441.61	444.47	0.56	ppb
Cadmium	106-1	439.85	444.38	444.17	442.80	0.58	ppb
Cadmium	108-1	445.89	447.33	441.84	445.02	0.64	ppb
Calcium	43-1	407146.99	408999.97	410806.91	408984.62	0.45	ppb
Calcium	44-1	408469.44	414082.22	410065.14	410872.27	0.70	ppb
Chromium	52-2	533.86	548.60	553.11	545.19	1.85	ppb
Cobalt	59-2	544.27	559.63	559.15	554.35	1.58	ppb
Copper	63-2	1118.35	1146.85	1149.96	1138.39	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				92		%
Indium	115-1				95		%
Indium	115-2				73		%
Iron	56-2	31891.13	32908.62	32907.83	32569.19	1.80	ppb
Iron	57-2	30937.24	32116.50	32189.53	31747.76	2.21	ppb
Krypton	83-1						cps
Lead	206-1	500.33	493.04	505.43	499.60	1.25	ppb
Lead	207-1	493.86	491.92	502.36	496.05	1.12	ppb
Lead	208-1	497.49	492.36	501.93	497.26	0.96	ppb
Lithium	6-1				152		%
Magnesium	24-2	141174.23	144465.56	145907.77	143849.19	1.69	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-06 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:00:51 DataFile Name : 030SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1454.85	1509.86	1507.30	1490.67	2.08	ppb
Molybdenum	94-1	2527.73	2530.94	2537.46	2532.04	0.20	ppb
Molybdenum	95-1	2509.39	2507.34	2547.30	2521.34	0.89	ppb
Molybdenum	96-1	2530.67	2540.09	2551.59	2540.78	0.41	ppb
Molybdenum	97-1	2562.38	2544.76	2583.89	2563.68	0.76	ppb
Molybdenum	98-1	2549.30	2519.39	2533.81	2534.17	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	561.93	582.32	577.60	573.95	1.86	ppb
Phosphorus	31-2	33.36	-8.51	249.85	91.57	151.44	ppb
Potassium	39-2	32750.39	33461.75	33885.51	33365.88	1.72	ppb
Rhodium	103-1				91		%
Rhodium	103-2				79		%
Scandium	45-1				80		%
Scandium	45-2				58		%
Selenium	77-2	404.89	506.65	375.33	428.96	16.06	ppb
Selenium	78-2	497.30	492.60	473.87	487.92	2.54	ppb
Selenium	82-1	480.34	481.14	482.90	481.46	0.27	ppb
Silicon	28-1	12506.18	12682.86	12520.17	12569.73	0.78	ppb
Silver	109-1	460.96	460.25	459.30	460.17	0.18	ppb
Silver	107-1	455.06	459.90	455.36	456.77	0.59	ppb
Sodium	23-2	170454.54	174854.42	174287.35	173198.77	1.38	ppb
Strontium	86-1	3042.98	3069.75	3084.39	3065.71	0.69	ppb
Strontium	88-1	3079.39	3070.11	3067.46	3072.32	0.20	ppb
Sulfur	34-1	296411.06	300675.55	295305.80	297464.14	0.95	ppb
Terbium	159-1				106		%
Terbium	159-2				91		%
Thallium	203-1	507.78	506.12	507.08	506.99	0.17	ppb
Thallium	205-1	507.47	506.98	510.44	508.30	0.37	ppb
Tin	118-1	449.98	458.84	457.03	455.28	1.03	ppb
Titanium	47-1	2458.81	2473.19	2455.14	2462.38	0.39	ppb
Uranium	238-1	520.24	521.64	525.18	522.35	0.49	ppb
Vanadium	51-2	516.64	531.67	538.00	528.77	2.08	ppb
Yttrium	89-1				93		%
Yttrium	89-2				70		%
Zinc	66-2	1018.68	1055.26	1067.56	1047.17	2.43	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-06	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410M9	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:00:51	DataFile Name :	030SMPL_P8041718- M9

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	506.07	498.80	508.55	504.48	1.00	ppb
Zirconium	91-1	487.76	488.46	489.11	488.44	0.14	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-07 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:04:05 DataFile Name : 031SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9429.27	9896.34	9838.01	9721.21	2.62	ppb
Antimony	121-1	497.39	482.74	483.45	487.86	1.69	ppb
Arsenic	75-2	522.10	517.14	514.98	518.07	0.71	ppb
Barium	135-1	2518.92	2447.34	2456.96	2474.41	1.57	ppb
Barium	137-1	2474.98	2449.39	2451.16	2458.51	0.58	ppb
Beryllium	9-1	247.22	240.25	245.06	244.18	1.46	ppb
Bismuth	209-1				111		%
Bismuth	209-2				89		%
Boron	10-1	697.06	684.61	697.52	693.07	1.06	ppb
Boron	11-1	680.05	665.06	693.66	679.59	2.10	ppb
Cadmium	111-1	464.15	452.73	453.60	456.83	1.39	ppb
Cadmium	106-1	460.31	452.01	447.35	453.22	1.45	ppb
Cadmium	108-1	465.94	461.88	453.23	460.35	1.41	ppb
Calcium	43-1	424783.10	419629.62	421923.74	422112.15	0.61	ppb
Calcium	44-1	428526.07	420955.76	425700.74	425060.86	0.90	ppb
Chromium	52-2	560.67	557.72	553.98	557.46	0.60	ppb
Cobalt	59-2	570.50	570.02	563.49	568.01	0.69	ppb
Copper	63-2	1173.58	1174.03	1173.48	1173.70	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				106		%
Holmium	165-2				91		%
Indium	115-1				94		%
Indium	115-2				71		%
Iron	56-2	33384.51	33668.20	32993.60	33348.77	1.02	ppb
Iron	57-2	32763.22	32526.03	32190.73	32493.33	0.89	ppb
Krypton	83-1						cps
Lead	206-1	513.89	517.91	514.53	515.45	0.42	ppb
Lead	207-1	513.22	513.68	516.97	514.62	0.40	ppb
Lead	208-1	515.92	515.83	517.64	516.46	0.20	ppb
Lithium	6-1				155		%
Magnesium	24-2	147175.53	149401.80	148121.05	148232.79	0.75	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-07 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:04:05 DataFile Name : 031SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1535.61	1530.29	1518.50	1528.13	0.57	ppb
Molybdenum	94-1	2603.97	2607.41	2613.40	2608.26	0.18	ppb
Molybdenum	95-1	2586.27	2592.02	2574.52	2584.27	0.35	ppb
Molybdenum	96-1	2616.39	2566.12	2584.02	2588.84	0.98	ppb
Molybdenum	97-1	2646.18	2600.93	2619.14	2622.08	0.87	ppb
Molybdenum	98-1	2606.94	2601.70	2588.98	2599.21	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	596.07	590.68	591.72	592.83	0.48	ppb
Phosphorus	31-2	34.99	-8.51	-8.51	5.99	419.27	ppb
Potassium	39-2	34103.28	33791.35	33960.52	33951.72	0.46	ppb
Rhodium	103-1				90		%
Rhodium	103-2				78		%
Scandium	45-1				79		%
Scandium	45-2				57		%
Selenium	77-2	469.65	329.23	463.59	420.83	18.86	ppb
Selenium	78-2	471.56	537.51	469.95	493.00	7.82	ppb
Selenium	82-1	498.27	493.60	488.95	493.61	0.94	ppb
Silicon	28-1	13115.55	12940.46	12945.53	13000.52	0.77	ppb
Silver	109-1	476.58	468.07	464.98	469.88	1.28	ppb
Silver	107-1	476.30	462.29	466.68	468.42	1.53	ppb
Sodium	23-2	178173.41	178588.49	178546.65	178436.18	0.13	ppb
Strontium	86-1	3204.10	3132.28	3160.56	3165.65	1.14	ppb
Strontium	88-1	3200.84	3177.56	3189.58	3189.33	0.36	ppb
Sulfur	34-1	307627.58	305640.48	303999.67	305755.91	0.59	ppb
Terbium	159-1				105		%
Terbium	159-2				91		%
Thallium	203-1	527.82	522.46	520.40	523.56	0.73	ppb
Thallium	205-1	524.59	525.07	526.95	525.54	0.24	ppb
Tin	118-1	485.75	477.29	474.17	479.07	1.25	ppb
Titanium	47-1	2528.43	2519.83	2542.93	2530.40	0.46	ppb
Uranium	238-1	545.82	538.61	540.09	541.51	0.70	ppb
Vanadium	51-2	545.34	547.82	539.88	544.35	0.75	ppb
Yttrium	89-1				92		%
Yttrium	89-2				68		%
Zinc	66-2	1088.45	1072.96	1066.77	1076.06	1.04	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-07	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410MS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:04:05	DataFile Name :	031SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	520.36	517.10	514.09	517.18	0.61	ppb
Zirconium	91-1	504.46	500.04	501.55	502.02	0.45	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05A Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410A Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:07:19 DataFile Name : 032SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9662.65	9374.24	9274.12	9437.00	2.14	ppb
Antimony	121-1	477.96	475.27	473.35	475.53	0.49	ppb
Arsenic	75-2	510.68	493.92	501.68	502.09	1.67	ppb
Barium	135-1	2423.66	2451.21	2408.55	2427.81	0.89	ppb
Barium	137-1	2429.36	2421.61	2406.14	2419.04	0.49	ppb
Beryllium	9-1	244.40	246.59	246.50	245.83	0.50	ppb
Bismuth	209-1				110		%
Bismuth	209-2				87		%
Boron	10-1	679.76	699.61	711.47	696.95	2.30	ppb
Boron	11-1	674.88	692.06	702.74	689.89	2.04	ppb
Cadmium	111-1	446.25	446.19	443.48	445.30	0.35	ppb
Cadmium	106-1	436.79	446.67	438.26	440.57	1.21	ppb
Cadmium	108-1	446.11	444.05	435.52	441.89	1.27	ppb
Calcium	43-1	416669.84	412575.81	422177.13	417140.93	1.15	ppb
Calcium	44-1	414262.73	415176.55	426733.69	418724.32	1.66	ppb
Chromium	52-2	552.30	561.37	560.04	557.90	0.88	ppb
Cobalt	59-2	565.28	572.23	573.48	570.33	0.77	ppb
Copper	63-2	1166.83	1188.12	1184.22	1179.72	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				88		%
Indium	115-1				92		%
Indium	115-2				67		%
Iron	56-2	33002.74	33790.54	33747.06	33513.45	1.32	ppb
Iron	57-2	32022.67	32856.64	32802.75	32560.69	1.43	ppb
Krypton	83-1						cps
Lead	206-1	512.27	518.17	510.97	513.81	0.75	ppb
Lead	207-1	507.17	511.41	507.54	508.71	0.46	ppb
Lead	208-1	511.68	515.79	512.27	513.25	0.43	ppb
Lithium	6-1				148		%
Magnesium	24-2	147971.25	149471.69	148310.59	148584.51	0.53	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05A Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410A Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:07:19 DataFile Name : 032SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1511.90	1535.98	1543.70	1530.53	1.08	ppb
Molybdenum	94-1	2620.67	2565.77	2588.00	2591.48	1.07	ppb
Molybdenum	95-1	2607.57	2574.79	2576.49	2586.28	0.71	ppb
Molybdenum	96-1	2597.07	2567.79	2571.92	2578.93	0.61	ppb
Molybdenum	97-1	2637.99	2607.86	2630.11	2625.32	0.60	ppb
Molybdenum	98-1	2580.83	2582.98	2595.95	2586.59	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	584.36	596.59	597.49	592.81	1.24	ppb
Phosphorus	31-2	128.59	-8.51	-8.51	37.19	212.83	ppb
Potassium	39-2	33486.87	33553.32	33717.59	33585.93	0.35	ppb
Rhodium	103-1				88		%
Rhodium	103-2				74		%
Scandium	45-1				76		%
Scandium	45-2				53		%
Selenium	77-2	526.00	597.01	383.78	502.26	21.62	ppb
Selenium	78-2	481.07	441.85	477.82	466.91	4.66	ppb
Selenium	82-1	490.80	490.06	488.67	489.84	0.22	ppb
Silicon	28-1	12694.78	12631.14	12992.63	12772.85	1.51	ppb
Silver	109-1	458.96	460.70	459.26	459.64	0.20	ppb
Silver	107-1	461.43	456.95	452.82	457.07	0.94	ppb
Sodium	23-2	178130.28	179094.37	180813.58	179346.08	0.76	ppb
Strontium	86-1	3135.28	3140.32	3110.98	3128.86	0.50	ppb
Strontium	88-1	3166.66	3156.33	3144.20	3155.73	0.36	ppb
Sulfur	34-1	300907.95	297744.91	305663.89	301438.92	1.32	ppb
Terbium	159-1				104		%
Terbium	159-2				87		%
Thallium	203-1	518.82	524.96	513.31	519.03	1.12	ppb
Thallium	205-1	517.54	521.25	515.79	518.19	0.54	ppb
Tin	118-1	465.92	468.09	464.23	466.08	0.41	ppb
Titanium	47-1	2496.04	2461.45	2553.77	2503.75	1.86	ppb
Uranium	238-1	541.11	543.30	539.01	541.14	0.40	ppb
Vanadium	51-2	540.43	541.96	542.05	541.48	0.17	ppb
Yttrium	89-1				89		%
Yttrium	89-2				64		%
Zinc	66-2	1050.10	1075.19	1085.57	1070.29	1.70	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05A	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:07:19	DataFile Name :	032SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	520.95	515.89	513.25	516.70	0.76	ppb
Zirconium	91-1	497.88	497.51	500.18	498.53	0.29	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-08 Instrumnet Name : P8
 Client Sample ID : LF012OW009-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:10:33 DataFile Name : 033SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71.10	92.65	122.31	95.35	26.97	ppb
Antimony	121-1	1.40	1.49	1.65	1.51	8.21	ppb
Arsenic	75-2	4.66	5.37	5.71	5.25	10.30	ppb
Barium	135-1	195.47	193.26	194.95	194.56	0.59	ppb
Barium	137-1	194.25	194.17	194.92	194.44	0.21	ppb
Beryllium	9-1	0.29	0.32	0.26	0.29	11.44	ppb
Bismuth	209-1				111		%
Bismuth	209-2				90		%
Boron	10-1	145.42	153.72	158.28	152.48	4.28	ppb
Boron	11-1	148.19	150.35	151.34	149.96	1.07	ppb
Cadmium	111-1	0.06	0.12	0.08	0.09	31.39	ppb
Cadmium	106-1	-0.80	-0.30	-0.71	-0.60		ppb
Cadmium	108-1	0.34	0.13	0.05	0.17	84.46	ppb
Calcium	43-1	125480.97	126202.64	125871.91	125851.84	0.29	ppb
Calcium	44-1	123917.71	125416.92	124743.47	124692.70	0.60	ppb
Chromium	52-2	1.02	0.98	0.99	1.00	2.20	ppb
Cobalt	59-2	0.41	0.36	0.37	0.38	6.97	ppb
Copper	63-2	1.37	1.37	1.39	1.38	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				89		%
Indium	115-1				95		%
Indium	115-2				72		%
Iron	56-2	5268.29	5326.51	5419.43	5338.07	1.43	ppb
Iron	57-2	5217.00	5286.23	5381.93	5295.05	1.56	ppb
Krypton	83-1						cps
Lead	206-1	0.56	0.56	0.52	0.55	4.76	ppb
Lead	207-1	0.51	0.49	0.52	0.51	2.49	ppb
Lead	208-1	0.52	0.52	0.51	0.52	0.85	ppb
Lithium	6-1				145		%
Magnesium	24-2	15957.59	16093.33	16305.38	16118.76	1.09	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-08	Instrumnet Name :	P8
Client Sample ID :	LF012OW009-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:10:33	DataFile Name :	033SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	312.26	302.83	314.27	309.79	1.97	ppb
Molybdenum	94-1	2.41	2.40	2.54	2.45	3.27	ppb
Molybdenum	95-1	2.53	2.60	2.94	2.69	8.21	ppb
Molybdenum	96-1	2.30	2.69	2.76	2.58	9.66	ppb
Molybdenum	97-1	2.44	2.64	2.89	2.65	8.61	ppb
Molybdenum	98-1	2.43	2.82	2.91	2.72	9.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.09	2.69	2.91	2.90	6.92	ppb
Phosphorus	31-2	-8.51	36.79	84.15	37.48	123.63	ppb
Potassium	39-2	6095.60	6249.17	6321.30	6222.02	1.85	ppb
Rhodium	103-1				91		%
Rhodium	103-2				78		%
Scandium	45-1				77		%
Scandium	45-2				55		%
Selenium	77-2	0.00	18.43	0.00	6.14	173.21	ppb
Selenium	78-2	0.17	0.20	-1.34	-0.32		ppb
Selenium	82-1	1.33	1.43	0.74	1.17	31.89	ppb
Silicon	28-1	7975.25	8026.52	7947.98	7983.25	0.50	ppb
Silver	109-1	0.13	0.12	0.10	0.12	11.94	ppb
Silver	107-1	0.15	0.13	0.14	0.14	6.92	ppb
Sodium	23-2	31716.48	32183.77	32909.77	32270.01	1.86	ppb
Strontium	86-1	605.35	603.99	603.28	604.20	0.17	ppb
Strontium	88-1	619.84	619.96	624.82	621.54	0.46	ppb
Sulfur	34-1	16949.06	17267.83	17037.50	17084.79	0.96	ppb
Terbium	159-1				103		%
Terbium	159-2				88		%
Thallium	203-1	0.18	0.16	0.16	0.17	7.44	ppb
Thallium	205-1	0.21	0.18	0.16	0.18	11.31	ppb
Tin	118-1	3.68	3.42	3.45	3.51	3.98	ppb
Titanium	47-1	2.51	2.20	2.58	2.43	8.38	ppb
Uranium	238-1	1.37	1.36	1.40	1.38	1.28	ppb
Vanadium	51-2	0.83	0.67	0.94	0.81	16.55	ppb
Yttrium	89-1				89		%
Yttrium	89-2				66		%
Zinc	66-2	35.46	36.77	37.20	36.47	2.49	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-08	Instrumnet Name :	P8
Client Sample ID :	LF012OW009-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:10:33	DataFile Name :	033SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.40	0.46	0.40	0.42	8.15	ppb
Zirconium	91-1	0.49	0.52	0.41	0.47	12.83	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-09	Instrumnet Name :	P8
Client Sample ID :	LF012RW042-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:13:55	DataFile Name :	034SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	129.56	140.70	119.98	130.08	7.97	ppb
Antimony	121-1	1.43	1.51	1.55	1.50	4.08	ppb
Arsenic	75-2	5.39	5.68	5.61	5.56	2.74	ppb
Barium	135-1	118.04	119.15	119.64	118.94	0.69	ppb
Barium	137-1	118.52	118.75	119.15	118.81	0.27	ppb
Beryllium	9-1	0.29	0.23	0.21	0.24	17.42	ppb
Bismuth	209-1				114		%
Bismuth	209-2				90		%
Boron	10-1	88.45	97.41	93.69	93.18	4.83	ppb
Boron	11-1	92.15	93.55	92.60	92.77	0.77	ppb
Cadmium	111-1	0.02	0.00	0.08	0.03	117.77	ppb
Cadmium	106-1	-1.29	-1.19	-0.67	-1.05		ppb
Cadmium	108-1	0.25	0.21	0.05	0.17	62.09	ppb
Calcium	43-1	125767.79	127227.47	125228.22	126074.50	0.82	ppb
Calcium	44-1	125359.39	125551.56	122792.15	124567.70	1.24	ppb
Chromium	52-2	0.85	0.74	1.11	0.90	20.93	ppb
Cobalt	59-2	0.70	0.79	0.62	0.70	12.46	ppb
Copper	63-2	3.19	3.01	3.11	3.10	2.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				90		%
Indium	115-1				96		%
Indium	115-2				73		%
Iron	56-2	1506.41	1528.04	1503.71	1512.72	0.88	ppb
Iron	57-2	1431.30	1510.84	1415.60	1452.58	3.52	ppb
Krypton	83-1						cps
Lead	206-1	0.66	0.63	0.63	0.64	2.59	ppb
Lead	207-1	0.58	0.59	0.57	0.58	2.35	ppb
Lead	208-1	0.61	0.60	0.60	0.60	0.90	ppb
Lithium	6-1				140		%
Magnesium	24-2	10395.13	10274.17	10163.90	10277.73	1.13	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-09	Instrumnet Name :	P8
Client Sample ID :	LF012RW042-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:13:55	DataFile Name :	034SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	266.50	265.68	265.31	265.83	0.23	ppb
Molybdenum	94-1	1.54	1.64	1.65	1.61	3.76	ppb
Molybdenum	95-1	1.45	1.51	1.52	1.49	2.53	ppb
Molybdenum	96-1	1.40	1.50	1.66	1.52	8.55	ppb
Molybdenum	97-1	1.54	1.80	1.72	1.68	7.97	ppb
Molybdenum	98-1	1.55	1.68	1.68	1.64	4.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.48	2.60	2.22	2.43	8.01	ppb
Phosphorus	31-2	79.89	80.68	80.07	80.21	0.52	ppb
Potassium	39-2	7912.09	8192.05	7889.01	7997.71	2.11	ppb
Rhodium	103-1				92		%
Rhodium	103-2				79		%
Scandium	45-1				77		%
Scandium	45-2				56		%
Selenium	77-2	8.94	0.00	8.97	5.97	86.60	ppb
Selenium	78-2	0.16	3.20	0.16	1.17	149.86	ppb
Selenium	82-1	2.06	2.14	1.59	1.93	15.32	ppb
Silicon	28-1	5837.68	5855.46	5788.50	5827.21	0.60	ppb
Silver	109-1	0.11	0.10	0.09	0.10	8.67	ppb
Silver	107-1	0.12	0.09	0.09	0.10	15.57	ppb
Sodium	23-2	49026.87	49483.74	48986.78	49165.80	0.56	ppb
Strontium	86-1	364.95	365.04	371.73	367.24	1.06	ppb
Strontium	88-1	380.60	378.63	379.86	379.70	0.26	ppb
Sulfur	34-1	18246.14	18572.62	17663.74	18160.83	2.54	ppb
Terbium	159-1				105		%
Terbium	159-2				89		%
Thallium	203-1	0.13	0.08	0.10	0.10	20.38	ppb
Thallium	205-1	0.11	0.10	0.08	0.10	13.63	ppb
Tin	118-1	2.33	2.37	2.35	2.35	0.71	ppb
Titanium	47-1	3.30	2.94	3.71	3.32	11.64	ppb
Uranium	238-1	0.99	1.00	0.97	0.99	1.08	ppb
Vanadium	51-2	1.45	1.50	1.49	1.48	1.84	ppb
Yttrium	89-1				92		%
Yttrium	89-2				67		%
Zinc	66-2	19.73	18.56	20.69	19.66	5.44	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-09	Instrumnet Name :	P8
Client Sample ID :	LF012RW042-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:13:55	DataFile Name :	034SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.33	0.26	0.24	0.28	16.35	ppb
Zirconium	91-1	0.37	0.19	0.26	0.27	34.05	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-10 Instrumnet Name : P8
 Client Sample ID : LF012RW160-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:17:17 DataFile Name : 035SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.60	1.44	-1.57	1.49	207.25	ppb
Antimony	121-1	1.30	1.39	1.43	1.37	4.80	ppb
Arsenic	75-2	1.83	1.56	1.59	1.66	8.88	ppb
Barium	135-1	210.15	203.29	206.56	206.67	1.66	ppb
Barium	137-1	209.36	206.15	207.66	207.72	0.77	ppb
Beryllium	9-1	0.07	0.12	0.12	0.11	28.48	ppb
Bismuth	209-1				114		%
Bismuth	209-2				91		%
Boron	10-1	193.14	205.64	196.17	198.32	3.29	ppb
Boron	11-1	190.52	197.81	197.70	195.34	2.14	ppb
Cadmium	111-1	1.92	1.73	1.73	1.79	6.25	ppb
Cadmium	106-1	1.66	0.77	1.28	1.24	35.88	ppb
Cadmium	108-1	2.19	1.40	1.41	1.67	27.10	ppb
Calcium	43-1	161739.36	159956.07	163442.66	161712.69	1.08	ppb
Calcium	44-1	161071.44	161425.49	162137.01	161544.65	0.34	ppb
Chromium	52-2	0.69	1.09	0.97	0.92	22.29	ppb
Cobalt	59-2	0.55	0.62	0.61	0.60	6.05	ppb
Copper	63-2	2.38	2.23	2.41	2.34	4.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				90		%
Indium	115-1				97		%
Indium	115-2				73		%
Iron	56-2	1208.61	1207.00	1264.82	1226.81	2.68	ppb
Iron	57-2	1209.21	1213.09	1223.42	1215.24	0.60	ppb
Krypton	83-1						cps
Lead	206-1	1.14	1.24	1.15	1.18	4.64	ppb
Lead	207-1	1.06	1.10	1.08	1.08	2.02	ppb
Lead	208-1	1.13	1.12	1.12	1.12	0.72	ppb
Lithium	6-1				138		%
Magnesium	24-2	21248.01	21222.76	21937.52	21469.43	1.89	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-10	Instrumnet Name :	P8
Client Sample ID :	LF012RW160-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:17:17	DataFile Name :	035SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	529.62	516.94	542.58	529.71	2.42	ppb
Molybdenum	94-1	1.29	1.26	1.52	1.36	10.49	ppb
Molybdenum	95-1	1.55	1.53	1.73	1.60	6.71	ppb
Molybdenum	96-1	1.57	1.40	1.73	1.57	10.63	ppb
Molybdenum	97-1	1.55	1.53	1.74	1.61	7.20	ppb
Molybdenum	98-1	1.56	1.64	1.76	1.65	5.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.43	2.77	2.84	2.68	8.15	ppb
Phosphorus	31-2	76.76	34.14	36.18	49.03	49.03	ppb
Potassium	39-2	6141.22	6076.71	6175.20	6131.04	0.82	ppb
Rhodium	103-1				93		%
Rhodium	103-2				79		%
Scandium	45-1				79		%
Scandium	45-2				57		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	3.15	-1.34	0.15	0.65	349.59	ppb
Selenium	82-1	1.51	1.65	1.38	1.51	9.09	ppb
Silicon	28-1	8607.69	8443.97	8606.50	8552.72	1.10	ppb
Silver	109-1	0.11	0.09	0.07	0.09	20.55	ppb
Silver	107-1	0.09	0.09	0.07	0.09	14.30	ppb
Sodium	23-2	52199.85	53166.76	55631.93	53666.18	3.30	ppb
Strontium	86-1	797.16	797.00	796.49	796.88	0.04	ppb
Strontium	88-1	817.13	807.09	805.09	809.77	0.80	ppb
Sulfur	34-1	22408.43	21803.35	22384.21	22198.66	1.54	ppb
Terbium	159-1				107		%
Terbium	159-2				90		%
Thallium	203-1	0.06	0.06	0.07	0.06	11.52	ppb
Thallium	205-1	0.07	0.07	0.08	0.07	5.82	ppb
Tin	118-1	2.07	2.08	2.19	2.11	3.16	ppb
Titanium	47-1	1.60	1.01	0.93	1.18	30.81	ppb
Uranium	238-1	0.80	0.75	0.79	0.78	3.15	ppb
Vanadium	51-2	0.53	0.31	0.38	0.41	27.50	ppb
Yttrium	89-1				92		%
Yttrium	89-2				67		%
Zinc	66-2	19.53	19.08	20.90	19.84	4.76	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-10	Instrumnet Name :	P8
Client Sample ID :	LF012RW160-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:17:17	DataFile Name :	035SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.13	0.16	0.15	10.67	ppb
Zirconium	91-1	0.19	0.14	0.11	0.15	25.52	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-11	Instrumnet Name :	P8
Client Sample ID :	LF012RW043-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:20:40	DataFile Name :	036SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.05	54.37	34.30	46.24	22.84	ppb
Antimony	121-1	1.72	1.68	1.80	1.73	3.67	ppb
Arsenic	75-2	4.88	5.81	4.76	5.15	11.19	ppb
Barium	135-1	147.29	148.38	149.46	148.38	0.73	ppb
Barium	137-1	148.22	148.85	148.70	148.59	0.22	ppb
Beryllium	9-1	0.05	0.09	0.14	0.10	48.78	ppb
Bismuth	209-1				115		%
Bismuth	209-2				91		%
Boron	10-1	244.42	240.33	239.32	241.36	1.12	ppb
Boron	11-1	241.44	247.90	248.04	245.79	1.53	ppb
Cadmium	111-1	0.27	0.23	0.19	0.23	17.50	ppb
Cadmium	106-1	0.14	-0.01	-1.04	-0.30		ppb
Cadmium	108-1	0.21	0.32	0.20	0.24	28.24	ppb
Calcium	43-1	192181.47	196237.88	195323.32	194580.89	1.09	ppb
Calcium	44-1	191803.56	192837.25	193379.40	192673.40	0.42	ppb
Chromium	52-2	1.69	1.65	1.84	1.73	5.64	ppb
Cobalt	59-2	0.87	0.91	1.00	0.93	6.72	ppb
Copper	63-2	3.40	3.17	3.13	3.23	4.52	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				106		%
Holmium	165-2				91		%
Indium	115-1				97		%
Indium	115-2				72		%
Iron	56-2	5970.17	5966.16	5942.46	5959.60	0.25	ppb
Iron	57-2	5865.06	5770.66	5873.76	5836.49	0.98	ppb
Krypton	83-1						cps
Lead	206-1	3.04	3.17	3.17	3.13	2.25	ppb
Lead	207-1	2.90	3.00	2.89	2.93	2.06	ppb
Lead	208-1	3.00	3.08	3.03	3.04	1.21	ppb
Lithium	6-1				133		%
Magnesium	24-2	28131.45	28520.03	28328.93	28326.80	0.69	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-11	Instrumnet Name :	P8
Client Sample ID :	LF012RW043-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:20:40	DataFile Name :	036SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	166.05	168.55	163.64	166.08	1.48	ppb
Molybdenum	94-1	2.31	2.39	2.50	2.40	3.96	ppb
Molybdenum	95-1	2.81	2.86	3.12	2.93	5.65	ppb
Molybdenum	96-1	2.96	2.88	3.01	2.95	2.26	ppb
Molybdenum	97-1	2.77	2.75	2.82	2.78	1.31	ppb
Molybdenum	98-1	3.03	3.07	2.92	3.01	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.75	5.15	4.64	4.85	5.53	ppb
Phosphorus	31-2	122.13	35.83	79.53	79.16	54.51	ppb
Potassium	39-2	8364.50	8507.03	8335.92	8402.48	1.09	ppb
Rhodium	103-1				93		%
Rhodium	103-2				79		%
Scandium	45-1				78		%
Scandium	45-2				56		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.17	-1.34	-1.34	-0.84		ppb
Selenium	82-1	1.43	1.74	0.78	1.32	37.24	ppb
Silicon	28-1	9043.01	9140.59	9118.16	9100.58	0.56	ppb
Silver	109-1	0.10	0.08	0.07	0.08	18.15	ppb
Silver	107-1	0.09	0.09	0.08	0.09	3.94	ppb
Sodium	23-2	61123.46	60708.57	59998.64	60610.22	0.94	ppb
Strontium	86-1	983.68	986.12	996.75	988.85	0.70	ppb
Strontium	88-1	991.84	983.80	986.46	987.37	0.41	ppb
Sulfur	34-1	43646.00	44269.92	44519.60	44145.17	1.02	ppb
Terbium	159-1				106		%
Terbium	159-2				89		%
Thallium	203-1	0.05	0.06	0.05	0.05	11.18	ppb
Thallium	205-1	0.07	0.07	0.06	0.06	8.61	ppb
Tin	118-1	1.81	1.82	1.74	1.79	2.39	ppb
Titanium	47-1	1.63	1.73	1.70	1.68	3.06	ppb
Uranium	238-1	6.26	6.26	6.32	6.28	0.59	ppb
Vanadium	51-2	3.07	2.82	2.70	2.86	6.57	ppb
Yttrium	89-1				92		%
Yttrium	89-2				67		%
Zinc	66-2	77.98	77.40	74.53	76.64	2.41	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-11	Instrumnet Name :	P8
Client Sample ID :	LF012RW043-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:20:40	DataFile Name :	036SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.23	0.22	0.23	5.38	ppb
Zirconium	91-1	0.23	0.20	0.26	0.23	12.72	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-12	Instrumnet Name :	P8
Client Sample ID :	LF012RW161-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:24:01	DataFile Name :	037SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.09	8.17	-1.46	3.93	124.98	ppb
Antimony	121-1	1.12	1.24	1.36	1.24	9.79	ppb
Arsenic	75-2	4.67	4.22	5.07	4.65	9.15	ppb
Barium	135-1	160.48	160.33	165.29	162.03	1.74	ppb
Barium	137-1	161.24	161.65	166.59	163.16	1.83	ppb
Beryllium	9-1	0.12	0.08	0.07	0.09	29.41	ppb
Bismuth	209-1				112		%
Bismuth	209-2				90		%
Boron	10-1	219.64	233.04	229.44	227.37	3.05	ppb
Boron	11-1	218.57	224.72	230.54	224.61	2.66	ppb
Cadmium	111-1	0.21	0.27	0.28	0.26	14.71	ppb
Cadmium	106-1	-0.63	-0.27	-0.32	-0.41		ppb
Cadmium	108-1	0.17	0.17	0.34	0.22	43.71	ppb
Calcium	43-1	174688.09	169830.63	179004.44	174507.72	2.63	ppb
Calcium	44-1	169247.62	169099.31	176485.66	171610.86	2.46	ppb
Chromium	52-2	0.49	0.43	0.66	0.53	22.42	ppb
Cobalt	59-2	0.40	0.34	0.40	0.38	8.88	ppb
Copper	63-2	4.81	4.19	4.76	4.59	7.57	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				89		%
Indium	115-1				94		%
Indium	115-2				71		%
Iron	56-2	3581.19	3529.64	3693.06	3601.30	2.32	ppb
Iron	57-2	3499.32	3430.73	3538.14	3489.40	1.56	ppb
Krypton	83-1						cps
Lead	206-1	1.12	1.12	1.20	1.15	3.92	ppb
Lead	207-1	1.02	1.13	1.17	1.10	7.02	ppb
Lead	208-1	1.10	1.13	1.15	1.13	2.01	ppb
Lithium	6-1				132		%
Magnesium	24-2	23489.49	22442.45	23677.16	23203.04	2.87	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-12	Instrumnet Name :	P8
Client Sample ID :	LF012RW161-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:24:01	DataFile Name :	037SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	346.58	334.84	348.39	343.27	2.14	ppb
Molybdenum	94-1	1.14	1.18	1.14	1.15	1.78	ppb
Molybdenum	95-1	1.23	1.31	1.28	1.27	3.29	ppb
Molybdenum	96-1	1.20	1.52	1.28	1.33	12.84	ppb
Molybdenum	97-1	1.44	1.24	1.56	1.41	11.23	ppb
Molybdenum	98-1	1.28	1.33	1.39	1.33	3.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.32	3.03	2.61	2.65	13.55	ppb
Phosphorus	31-2	170.74	35.47	84.11	96.77	70.80	ppb
Potassium	39-2	6386.97	6348.33	6445.93	6393.74	0.77	ppb
Rhodium	103-1				91		%
Rhodium	103-2				78		%
Scandium	45-1				76		%
Scandium	45-2				55		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	3.25	1.79	1.23	190.30	ppb
Selenium	82-1	2.13	2.24	1.05	1.81	36.34	ppb
Silicon	28-1	9951.95	9924.71	10303.60	10060.08	2.10	ppb
Silver	109-1	0.09	0.06	0.09	0.08	26.32	ppb
Silver	107-1	0.09	0.07	0.05	0.07	24.71	ppb
Sodium	23-2	58347.38	56372.08	58930.57	57883.34	2.32	ppb
Strontium	86-1	836.92	836.83	860.32	844.69	1.60	ppb
Strontium	88-1	853.30	851.26	890.09	864.89	2.53	ppb
Sulfur	34-1	24483.46	24440.36	25881.62	24935.15	3.29	ppb
Terbium	159-1				104		%
Terbium	159-2				88		%
Thallium	203-1	0.04	0.03	0.04	0.04	24.04	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	8.56	ppb
Tin	118-1	1.51	1.56	1.71	1.60	6.44	ppb
Titanium	47-1	0.99	0.79	0.73	0.83	16.15	ppb
Uranium	238-1	1.14	1.18	1.21	1.18	3.30	ppb
Vanadium	51-2	0.33	0.15	0.37	0.28	41.89	ppb
Yttrium	89-1				89		%
Yttrium	89-2				66		%
Zinc	66-2	64.05	59.92	65.68	63.22	4.70	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-12	Instrumnet Name :	P8
Client Sample ID :	LF012RW161-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:24:01	DataFile Name :	037SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.12	0.11	0.11	10.07	ppb
Zirconium	91-1	0.11	0.16	0.13	0.13	17.80	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-13	Instrumnet Name :	P8
Client Sample ID :	LF012RW162-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:27:23	DataFile Name :	038SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.88	-1.48	5.89	2.10	176.05	ppb
Antimony	121-1	1.12	1.10	1.20	1.14	4.81	ppb
Arsenic	75-2	6.03	6.19	5.87	6.03	2.65	ppb
Barium	135-1	147.96	149.17	144.83	147.32	1.52	ppb
Barium	137-1	148.82	148.57	146.24	147.88	0.96	ppb
Beryllium	9-1	0.06	0.08	0.06	0.07	15.31	ppb
Bismuth	209-1				113		%
Bismuth	209-2				89		%
Boron	10-1	240.90	252.59	261.74	251.74	4.15	ppb
Boron	11-1	242.56	248.19	255.82	248.86	2.67	ppb
Cadmium	111-1	0.00	0.03	0.01	0.01	108.44	ppb
Cadmium	106-1	-0.88	-0.69	-1.22	-0.93		ppb
Cadmium	108-1	0.09	-0.03	0.17	0.08	130.98	ppb
Calcium	43-1	178560.13	178662.60	182740.43	179987.72	1.32	ppb
Calcium	44-1	180763.93	179289.51	181780.60	180611.35	0.69	ppb
Chromium	52-2	0.93	1.09	1.12	1.05	9.81	ppb
Cobalt	59-2	0.54	0.54	0.69	0.59	14.91	ppb
Copper	63-2	4.22	3.93	4.45	4.20	6.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				88		%
Indium	115-1				94		%
Indium	115-2				69		%
Iron	56-2	3997.83	3976.64	4207.41	4060.63	3.14	ppb
Iron	57-2	3807.81	3968.03	4011.47	3929.10	2.73	ppb
Krypton	83-1						cps
Lead	206-1	0.51	0.55	0.55	0.54	4.24	ppb
Lead	207-1	0.46	0.48	0.50	0.48	3.67	ppb
Lead	208-1	0.48	0.50	0.52	0.50	3.78	ppb
Lithium	6-1				128		%
Magnesium	24-2	25933.15	25981.13	27450.22	26454.83	3.26	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-13	Instrumnet Name :	P8
Client Sample ID :	LF012RW162-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:27:23	DataFile Name :	038SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	433.84	425.27	449.41	436.17	2.81	ppb
Molybdenum	94-1	0.80	0.79	0.97	0.85	11.59	ppb
Molybdenum	95-1	0.82	0.92	1.06	0.93	13.05	ppb
Molybdenum	96-1	0.93	0.88	0.96	0.92	3.90	ppb
Molybdenum	97-1	0.92	1.03	0.96	0.97	5.45	ppb
Molybdenum	98-1	0.91	0.97	0.90	0.93	3.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.34	3.01	3.69	3.35	10.07	ppb
Phosphorus	31-2	-8.51	-8.51	39.91	7.63	366.31	ppb
Potassium	39-2	7712.50	7503.47	8077.25	7764.40	3.74	ppb
Rhodium	103-1				90		%
Rhodium	103-2				76		%
Scandium	45-1				76		%
Scandium	45-2				53		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	-1.34	-1.34	-1.34		ppb
Selenium	82-1	2.29	0.77	1.83	1.63	47.89	ppb
Silicon	28-1	11343.31	11293.13	11376.68	11337.70	0.37	ppb
Silver	109-1	0.07	0.09	0.07	0.08	15.49	ppb
Silver	107-1	0.07	0.08	0.07	0.08	8.40	ppb
Sodium	23-2	64694.43	65812.99	69734.66	66747.36	3.97	ppb
Strontium	86-1	977.94	957.52	971.23	968.90	1.07	ppb
Strontium	88-1	953.46	954.86	949.73	952.68	0.28	ppb
Sulfur	34-1	29289.59	29045.92	29565.87	29300.46	0.89	ppb
Terbium	159-1				105		%
Terbium	159-2				87		%
Thallium	203-1	0.01	0.01	0.01	0.01	16.94	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	12.14	ppb
Tin	118-1	1.50	1.54	1.45	1.49	3.06	ppb
Titanium	47-1	1.08	0.85	0.93	0.95	12.04	ppb
Uranium	238-1	1.13	1.15	1.12	1.13	1.14	ppb
Vanadium	51-2	0.30	0.25	0.30	0.28	10.87	ppb
Yttrium	89-1				90		%
Yttrium	89-2				64		%
Zinc	66-2	71.78	76.77	70.70	73.08	4.43	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-13	Instrumnet Name :	P8
Client Sample ID :	LF012RW162-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:27:23	DataFile Name :	038SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.10	0.13	0.11	13.09	ppb
Zirconium	91-1	0.15	0.08	0.10	0.11	33.33	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-14	Instrumnet Name :	P8
Client Sample ID :	LF012RW163-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:30:45	DataFile Name :	039SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.41	2.06	9.61	3.42	164.70	ppb
Antimony	121-1	1.22	1.19	1.27	1.22	3.32	ppb
Arsenic	75-2	5.76	6.06	6.91	6.25	9.57	ppb
Barium	135-1	135.06	133.00	132.97	133.68	0.90	ppb
Barium	137-1	135.00	134.40	132.21	133.87	1.10	ppb
Beryllium	9-1	0.11	0.11	0.07	0.09	24.22	ppb
Bismuth	209-1				111		%
Bismuth	209-2				88		%
Boron	10-1	258.82	261.00	262.11	260.64	0.64	ppb
Boron	11-1	252.10	259.88	263.46	258.48	2.25	ppb
Cadmium	111-1	-0.03	-0.08	0.00	-0.04		ppb
Cadmium	106-1	-0.97	-1.54	-0.30	-0.94		ppb
Cadmium	108-1	0.05	0.17	0.21	0.15	57.10	ppb
Calcium	43-1	186907.25	187592.18	187274.94	187258.12	0.18	ppb
Calcium	44-1	184377.97	186460.14	186035.04	185624.38	0.59	ppb
Chromium	52-2	3.99	4.34	4.56	4.29	6.70	ppb
Cobalt	59-2	0.55	0.53	0.58	0.55	4.96	ppb
Copper	63-2	1.20	0.87	1.13	1.06	16.29	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				104		%
Holmium	165-2				87		%
Indium	115-1				94		%
Indium	115-2				68		%
Iron	56-2	3190.12	3135.82	3266.18	3197.38	2.05	ppb
Iron	57-2	3129.14	3153.24	3227.45	3169.94	1.62	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.25	0.25	0.24	5.40	ppb
Lead	207-1	0.24	0.25	0.23	0.24	3.58	ppb
Lead	208-1	0.25	0.25	0.25	0.25	0.41	ppb
Lithium	6-1				127		%
Magnesium	24-2	27342.12	27072.58	27867.77	27427.49	1.47	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-14	Instrumnet Name :	P8
Client Sample ID :	LF012RW163-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:30:45	DataFile Name :	039SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	396.53	387.10	403.66	395.76	2.10	ppb
Molybdenum	94-1	0.61	0.70	0.73	0.68	9.05	ppb
Molybdenum	95-1	0.74	0.71	0.77	0.74	4.04	ppb
Molybdenum	96-1	0.78	0.75	0.78	0.77	2.50	ppb
Molybdenum	97-1	0.82	0.73	0.87	0.81	9.06	ppb
Molybdenum	98-1	0.80	0.81	0.80	0.80	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.75	3.54	3.25	3.51	7.09	ppb
Phosphorus	31-2	38.42	-8.51	40.31	23.41	118.15	ppb
Potassium	39-2	7480.77	7586.05	7761.33	7609.38	1.86	ppb
Rhodium	103-1				88		%
Rhodium	103-2				75		%
Scandium	45-1				74		%
Scandium	45-2				52		%
Selenium	77-2	0.00	9.63	0.00	3.21	173.21	ppb
Selenium	78-2	0.25	-1.34	0.29	-0.27		ppb
Selenium	82-1	2.10	1.67	1.25	1.67	25.31	ppb
Silicon	28-1	11804.72	12027.24	11893.49	11908.48	0.94	ppb
Silver	109-1	0.07	0.08	0.07	0.07	6.66	ppb
Silver	107-1	0.06	0.07	0.07	0.07	4.81	ppb
Sodium	23-2	71511.99	70636.04	72829.36	71659.13	1.54	ppb
Strontium	86-1	1032.78	1034.96	1044.95	1037.56	0.63	ppb
Strontium	88-1	1019.80	1034.72	1038.53	1031.02	0.96	ppb
Sulfur	34-1	35055.76	35775.55	34987.31	35272.87	1.24	ppb
Terbium	159-1				103		%
Terbium	159-2				86		%
Thallium	203-1	0.03	0.02	0.03	0.02	22.96	ppb
Thallium	205-1	0.04	0.03	0.04	0.03	21.53	ppb
Tin	118-1	1.40	1.52	1.47	1.46	4.22	ppb
Titanium	47-1	0.91	0.67	0.88	0.82	16.21	ppb
Uranium	238-1	2.13	2.08	2.07	2.09	1.65	ppb
Vanadium	51-2	0.56	0.48	0.57	0.54	9.35	ppb
Yttrium	89-1				88		%
Yttrium	89-2				62		%
Zinc	66-2	11.50	11.81	11.09	11.47	3.14	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-14	Instrumnet Name :	P8
Client Sample ID :	LF012RW163-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:30:45	DataFile Name :	039SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.07	0.07	0.07	1.67	ppb
Zirconium	91-1	0.08	0.07	0.15	0.10	40.75	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:50:16	DataFile Name :	042CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50074.57	48329.94	46384.73	48263.08	3.82	ppb
Antimony	121-1	481.51	487.24	479.44	482.73	0.84	ppb
Arsenic	75-2	491.16	492.53	480.94	488.21	1.30	ppb
Barium	135-1	2410.21	2449.76	2432.65	2430.87	0.82	ppb
Barium	137-1	2404.60	2433.17	2412.00	2416.59	0.61	ppb
Beryllium	9-1	493.71	491.81	491.09	492.20	0.28	ppb
Bismuth	209-1				111		%
Bismuth	209-2				94		%
Boron	10-1	504.90	517.67	541.09	521.22	3.52	ppb
Boron	11-1	494.57	511.25	512.44	506.09	1.97	ppb
Cadmium	111-1	498.75	501.16	499.83	499.91	0.24	ppb
Cadmium	106-1	500.23	502.31	481.63	494.72	2.30	ppb
Cadmium	108-1	500.27	508.25	504.48	504.33	0.79	ppb
Calcium	43-1	237746.20	237216.91	243826.30	239596.47	1.53	ppb
Calcium	44-1	237787.50	235312.98	240884.46	237994.98	1.17	ppb
Chromium	52-2	523.46	505.65	498.44	509.18	2.53	ppb
Cobalt	59-2	517.15	499.97	492.94	503.35	2.47	ppb
Copper	63-2	1023.85	983.32	963.83	990.33	3.09	ppb
Dysprosium	156-1						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				98		%
Indium	115-1				100		%
Indium	115-2				84		%
Iron	56-2	128959.77	124005.90	121226.17	124730.62	3.14	ppb
Iron	57-2	125177.95	120797.20	118188.91	121388.02	2.91	ppb
Krypton	83-1						cps
Lead	206-1	508.57	498.62	506.51	504.56	1.04	ppb
Lead	207-1	500.58	502.10	504.97	502.55	0.44	ppb
Lead	208-1	502.92	502.09	507.24	504.08	0.55	ppb
Lithium	6-1				96		%
Magnesium	24-2	254409.26	244634.36	240194.30	246412.64	2.95	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:50:16	DataFile Name :	042CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1022.96	976.20	953.43	984.20	3.60	ppb
Molybdenum	94-1	2518.39	2485.51	2496.75	2500.22	0.67	ppb
Molybdenum	95-1	2503.40	2473.81	2481.03	2486.08	0.62	ppb
Molybdenum	96-1	2508.88	2457.42	2462.66	2476.32	1.14	ppb
Molybdenum	97-1	2517.09	2505.35	2474.59	2499.01	0.88	ppb
Molybdenum	98-1	2504.32	2461.77	2463.46	2476.52	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.73	510.82	501.17	510.91	1.91	ppb
Phosphorus	31-2	10101.89	9167.01	8631.11	9300.01	8.00	ppb
Potassium	39-2	118262.94	114482.05	112017.47	114920.82	2.74	ppb
Rhodium	103-1				97		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				76		%
Selenium	77-2	480.52	360.41	406.42	415.78	14.57	ppb
Selenium	78-2	460.58	509.96	492.48	487.67	5.13	ppb
Selenium	82-1	477.17	475.53	471.56	474.75	0.61	ppb
Silicon	28-1	520.60	529.17	547.31	532.36	2.56	ppb
Silver	109-1	468.06	476.29	463.77	469.37	1.36	ppb
Silver	107-1	463.67	467.86	462.47	464.66	0.61	ppb
Sodium	23-2	251745.17	246052.98	238472.66	245423.60	2.71	ppb
Strontium	86-1	495.88	494.33	494.49	494.90	0.17	ppb
Strontium	88-1	505.32	508.62	504.27	506.07	0.45	ppb
Sulfur	34-1	8926.33	9035.83	9737.76	9233.30	4.77	ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	501.60	495.75	504.41	500.59	0.88	ppb
Thallium	205-1	497.70	498.64	500.86	499.07	0.32	ppb
Tin	118-1	481.65	483.38	487.26	484.10	0.59	ppb
Titanium	47-1	2433.08	2430.23	2467.95	2443.76	0.86	ppb
Uranium	238-1	516.86	511.89	516.89	515.21	0.56	ppb
Vanadium	51-2	517.69	496.65	485.28	499.87	3.29	ppb
Yttrium	89-1				101		%
Yttrium	89-2				84		%
Zinc	66-2	1014.96	981.03	957.42	984.47	2.94	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:50:16	DataFile Name :	042CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	501.66	494.03	495.10	496.93	0.83	ppb
Zirconium	91-1	485.03	479.20	480.61	481.61	0.63	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:56:43	DataFile Name :	043CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.39	2.65	-2.40	-0.71		ppb
Antimony	121-1	0.70	0.83	1.03	0.86	19.52	ppb
Arsenic	75-2	0.34	0.05	0.05	0.15	116.17	ppb
Barium	135-1	0.02	0.01	0.02	0.01	56.37	ppb
Barium	137-1	0.01	-0.01	-0.01	0.00		ppb
Beryllium	9-1	0.45	0.43	0.31	0.40	18.60	ppb
Bismuth	209-1				119		%
Bismuth	209-2				100		%
Boron	10-1	15.08	14.62	13.08	14.26	7.35	ppb
Boron	11-1	16.35	15.26	14.56	15.39	5.85	ppb
Cadmium	111-1	0.08	-0.05	0.00	0.01	587.73	ppb
Cadmium	106-1	0.54	-1.31	-0.82	-0.53		ppb
Cadmium	108-1	0.01	-0.07	-0.03	-0.03		ppb
Calcium	43-1	-16.51	-14.01	-17.31	-15.94		ppb
Calcium	44-1	6.84	6.76	6.36	6.65	3.85	ppb
Chromium	52-2	-0.06	-0.06	0.04	-0.03		ppb
Cobalt	59-2	0.01	0.00	-0.02	0.00		ppb
Copper	63-2	0.12	0.08	0.06	0.09	31.36	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				110		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				87		%
Iron	56-2	4.62	5.33	4.53	4.83	9.05	ppb
Iron	57-2	2.90	-1.33	2.17	1.25	181.23	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	7.12	ppb
Lead	207-1	0.04	0.04	0.04	0.04	11.55	ppb
Lead	208-1	0.04	0.04	0.04	0.04	6.53	ppb
Lithium	6-1				100		%
Magnesium	24-2	5.82	4.91	4.65	5.13	11.99	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:56:43	DataFile Name :	043CCBE_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.10	0.13	0.23	0.15	42.99	ppb
Molybdenum	94-1	0.59	0.73	0.80	0.71	15.14	ppb
Molybdenum	95-1	0.58	0.75	1.02	0.78	28.41	ppb
Molybdenum	96-1	0.66	0.81	0.99	0.82	19.97	ppb
Molybdenum	97-1	0.58	0.82	1.15	0.85	33.82	ppb
Molybdenum	98-1	0.67	0.82	1.09	0.86	24.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.36	-0.64	-0.40	-0.47		ppb
Phosphorus	31-2	-8.51	25.36	-8.51	2.78	702.94	ppb
Potassium	39-2	-10.97	-28.24	-31.70	-23.64		ppb
Rhodium	103-1				104		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				74		%
Selenium	77-2	7.14	0.00	0.00	2.38	173.21	ppb
Selenium	78-2	-1.34	-0.14	-0.13	-0.54		ppb
Selenium	82-1	0.61	0.46	0.68	0.58	18.93	ppb
Silicon	28-1	-42.22	-40.42	-43.96	-42.20		ppb
Silver	109-1	0.02	0.02	0.03	0.03	11.43	ppb
Silver	107-1	0.03	0.03	0.03	0.03	8.16	ppb
Sodium	23-2	69.82	59.83	49.84	59.83	16.70	ppb
Strontium	86-1	0.00	0.00	-0.09	-0.03		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	27.43	ppb
Sulfur	34-1	-1319.29	-1142.37	-1409.49	-1290.38		ppb
Terbium	159-1				110		%
Terbium	159-2				97		%
Thallium	203-1	0.11	0.08	0.11	0.10	18.26	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	11.50	ppb
Tin	118-1	0.19	0.17	0.26	0.21	23.41	ppb
Titanium	47-1	0.04	0.08	0.09	0.07	40.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	26.96	ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				84		%
Zinc	66-2	0.25	0.09	0.24	0.19	47.14	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:56:43	DataFile Name :	043CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.05	0.05	0.05	14.47	ppb
Zirconium	91-1	0.07	0.02	0.00	0.03	104.81	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-15 Instrumnet Name : P8
 Client Sample ID : LF014MW086-180411 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:00:07 DataFile Name : 044SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.69	1.75	14.88	6.10	124.42	ppb
Antimony	121-1	3.21	3.76	4.36	3.78	15.27	ppb
Arsenic	75-2	1.54	1.29	1.25	1.36	11.37	ppb
Barium	135-1	23.05	22.43	22.06	22.52	2.23	ppb
Barium	137-1	22.45	22.72	22.08	22.42	1.43	ppb
Beryllium	9-1	0.22	0.28	0.30	0.27	14.97	ppb
Bismuth	209-1				109		%
Bismuth	209-2				88		%
Boron	10-1	2659.96	2685.84	2696.56	2680.79	0.70	ppb
Boron	11-1	2604.83	2591.09	2612.97	2602.96	0.42	ppb
Cadmium	111-1	0.14	0.04	0.08	0.09	53.86	ppb
Cadmium	106-1	-0.83	-1.13	-0.54	-0.84		ppb
Cadmium	108-1	0.37	0.30	0.29	0.32	14.66	ppb
Calcium	43-1	431450.55	421414.81	423358.30	425407.89	1.25	ppb
Calcium	44-1	431257.43	420462.21	425436.33	425718.66	1.27	ppb
Chromium	52-2	4.25	4.39	3.61	4.08	10.16	ppb
Cobalt	59-2	0.08	0.11	0.13	0.11	22.72	ppb
Copper	63-2	2.05	1.90	2.09	2.01	5.01	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				103		%
Holmium	165-2				90		%
Indium	115-1				93		%
Indium	115-2				72		%
Iron	56-2	6439.19	6525.70	6405.23	6456.71	0.96	ppb
Iron	57-2	6052.83	6333.14	6138.25	6174.74	2.33	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.33	0.29	0.31	7.64	ppb
Lead	207-1	0.30	0.28	0.29	0.29	3.54	ppb
Lead	208-1	0.32	0.31	0.30	0.31	3.91	ppb
Lithium	6-1				124		%
Magnesium	24-2	273693.45	273915.17	271599.80	273069.48	0.47	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-15	Instrumnet Name :	P8
Client Sample ID :	LF014MW086-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:00:07	DataFile Name :	044SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	831.00	811.94	818.14	820.36	1.19	ppb
Molybdenum	94-1	4.15	4.23	4.46	4.28	3.76	ppb
Molybdenum	95-1	0.61	0.80	0.97	0.80	22.51	ppb
Molybdenum	96-1	1.14	1.40	1.52	1.35	14.10	ppb
Molybdenum	97-1	0.81	0.86	1.04	0.90	13.54	ppb
Molybdenum	98-1	0.70	0.86	1.04	0.87	19.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.55	0.55	0.70	38.06	ppb
Phosphorus	31-2	80.18	36.20	35.86	50.75	50.23	ppb
Potassium	39-2	3654.50	3586.29	3666.60	3635.80	1.19	ppb
Rhodium	103-1				88		%
Rhodium	103-2				75		%
Scandium	45-1				78		%
Scandium	45-2				56		%
Selenium	77-2	0.00	8.93	0.00	2.98	173.21	ppb
Selenium	78-2	0.13	0.15	0.15	0.14	8.33	ppb
Selenium	82-1	0.87	0.34	1.03	0.75	48.79	ppb
Silicon	28-1	13248.83	12842.21	13081.05	13057.36	1.56	ppb
Silver	109-1	0.34	0.29	0.23	0.29	18.04	ppb
Silver	107-1	0.31	0.32	0.23	0.28	15.81	ppb
Sodium	23-2	683918.00	690374.21	683780.62	686024.28	0.55	ppb
Strontium	86-1	5859.87	5730.39	5765.43	5785.23	1.16	ppb
Strontium	88-1	5920.55	5838.23	5868.01	5875.60	0.71	ppb
Sulfur	34-1	688729.59	678296.41	689035.19	685353.73	0.89	ppb
Terbium	159-1				104		%
Terbium	159-2				89		%
Thallium	203-1	0.31	0.22	0.20	0.24	24.76	ppb
Thallium	205-1	0.30	0.25	0.21	0.26	17.48	ppb
Tin	118-1	1.80	1.72	1.86	1.79	3.95	ppb
Titanium	47-1	1.02	1.15	1.28	1.15	11.37	ppb
Uranium	238-1	1.99	2.04	2.07	2.03	1.86	ppb
Vanadium	51-2	1.16	1.16	1.06	1.13	5.06	ppb
Yttrium	89-1				91		%
Yttrium	89-2				68		%
Zinc	66-2	4.83	4.82	4.30	4.65	6.59	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-15	Instrumnet Name :	P8
Client Sample ID :	LF014MW086-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:00:07	DataFile Name :	044SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.46	2.37	2.31	2.38	3.23	ppb
Zirconium	91-1	2.51	2.34	2.28	2.38	4.86	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-16	Instrumnet Name :	P8
Client Sample ID :	DUP-0441-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:03:28	DataFile Name :	045SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.75	12.53	5.52	14.60	70.38	ppb
Antimony	121-1	2.22	2.42	2.68	2.44	9.46	ppb
Arsenic	75-2	3.59	3.20	3.17	3.32	7.14	ppb
Barium	135-1	152.60	149.38	149.90	150.63	1.15	ppb
Barium	137-1	153.40	150.29	151.31	151.67	1.05	ppb
Beryllium	9-1	0.09	0.11	0.08	0.09	16.95	ppb
Bismuth	209-1				112		%
Bismuth	209-2				89		%
Boron	10-1	286.04	291.83	297.23	291.70	1.92	ppb
Boron	11-1	292.05	285.50	292.22	289.92	1.32	ppb
Cadmium	111-1	0.15	0.19	0.12	0.16	22.62	ppb
Cadmium	106-1	-1.19	-0.97	-1.07	-1.08		ppb
Cadmium	108-1	0.05	0.17	0.21	0.14	57.19	ppb
Calcium	43-1	198146.32	201457.20	204314.90	201306.14	1.53	ppb
Calcium	44-1	196100.99	200036.96	201849.16	199329.04	1.47	ppb
Chromium	52-2	0.46	0.71	0.55	0.57	21.68	ppb
Cobalt	59-2	0.55	0.55	0.53	0.54	1.54	ppb
Copper	63-2	2.85	2.78	2.88	2.83	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				89		%
Indium	115-1				94		%
Indium	115-2				71		%
Iron	56-2	1191.05	1209.49	1194.04	1198.19	0.83	ppb
Iron	57-2	1186.99	1191.66	1135.98	1171.54	2.64	ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.43	0.42	0.43	1.22	ppb
Lead	207-1	0.41	0.45	0.45	0.44	4.21	ppb
Lead	208-1	0.41	0.43	0.44	0.42	3.99	ppb
Lithium	6-1				138		%
Magnesium	24-2	29830.62	30710.80	30506.71	30349.38	1.52	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-16	Instrumnet Name :	P8
Client Sample ID :	DUP-0441-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:03:28	DataFile Name :	045SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	138.10	141.10	140.85	140.01	1.19	ppb
Molybdenum	94-1	2.63	2.40	2.49	2.51	4.63	ppb
Molybdenum	95-1	2.91	2.89	3.30	3.04	7.65	ppb
Molybdenum	96-1	2.87	2.96	3.14	2.99	4.49	ppb
Molybdenum	97-1	2.96	3.11	3.23	3.10	4.34	ppb
Molybdenum	98-1	3.07	3.07	3.31	3.15	4.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.64	3.12	2.26	2.67	16.23	ppb
Phosphorus	31-2	83.27	38.41	-8.51	37.72	121.66	ppb
Potassium	39-2	8906.54	8910.11	8976.27	8930.97	0.44	ppb
Rhodium	103-1				90		%
Rhodium	103-2				76		%
Scandium	45-1				78		%
Scandium	45-2				53		%
Selenium	77-2	0.00	0.00	9.28	3.09	173.21	ppb
Selenium	78-2	0.21	-1.34	-1.34	-0.82		ppb
Selenium	82-1	1.61	2.48	2.12	2.07	20.94	ppb
Silicon	28-1	9380.85	9490.58	9554.57	9475.33	0.93	ppb
Silver	109-1	0.13	0.12	0.11	0.12	9.77	ppb
Silver	107-1	0.13	0.10	0.12	0.12	10.87	ppb
Sodium	23-2	63568.02	64979.29	65554.52	64700.61	1.58	ppb
Strontium	86-1	1040.66	1024.40	1042.74	1035.93	0.97	ppb
Strontium	88-1	1023.05	1028.41	1040.45	1030.64	0.86	ppb
Sulfur	34-1	46178.12	47038.66	47940.13	47052.30	1.87	ppb
Terbium	159-1				104		%
Terbium	159-2				88		%
Thallium	203-1	0.07	0.08	0.07	0.08	7.94	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	6.28	ppb
Tin	118-1	1.38	1.50	1.54	1.48	5.75	ppb
Titanium	47-1	0.70	0.85	0.76	0.77	10.00	ppb
Uranium	238-1	6.41	6.34	6.47	6.41	0.98	ppb
Vanadium	51-2	1.87	1.31	1.71	1.63	17.67	ppb
Yttrium	89-1				90		%
Yttrium	89-2				65		%
Zinc	66-2	57.20	56.35	53.23	55.59	3.76	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-16	Instrumnet Name :	P8
Client Sample ID :	DUP-0441-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:03:28	DataFile Name :	045SMPL_P8041718- M1

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.23	0.23	0.23	3.03	ppb
Zirconium	91-1	0.16	0.26	0.23	0.22	22.32	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-18	Instrumnet Name :	P8
Client Sample ID :	LF012MW026-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:06:49	DataFile Name :	046SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.43	2.31	16.64	15.46	81.50	ppb
Antimony	121-1	1.31	1.47	1.51	1.43	7.27	ppb
Arsenic	75-2	3.33	3.48	3.40	3.40	2.22	ppb
Barium	135-1	73.07	72.97	72.70	72.91	0.26	ppb
Barium	137-1	73.32	73.70	73.62	73.55	0.27	ppb
Beryllium	9-1	0.12	0.10	0.18	0.13	34.17	ppb
Bismuth	209-1				110		%
Bismuth	209-2				87		%
Boron	10-1	195.67	207.86	192.50	198.68	4.08	ppb
Boron	11-1	197.75	199.26	199.07	198.69	0.41	ppb
Cadmium	111-1	0.25	0.20	0.29	0.24	18.40	ppb
Cadmium	106-1	-0.19	-0.67	-0.64	-0.50		ppb
Cadmium	108-1	0.63	0.42	0.22	0.43	48.46	ppb
Calcium	43-1	160173.30	161442.73	161522.76	161046.26	0.47	ppb
Calcium	44-1	158425.93	159964.18	160831.10	159740.41	0.76	ppb
Chromium	52-2	2.94	3.32	3.08	3.11	6.31	ppb
Cobalt	59-2	1.95	2.16	1.94	2.02	5.99	ppb
Copper	63-2	1.31	1.46	1.40	1.39	5.15	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				102		%
Holmium	165-2				86		%
Indium	115-1				92		%
Indium	115-2				68		%
Iron	56-2	6062.79	6066.29	6070.73	6066.61	0.07	ppb
Iron	57-2	5926.11	5892.54	6040.40	5953.02	1.30	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.17	0.17	0.18	1.48	ppb
Lead	207-1	0.18	0.18	0.17	0.18	2.68	ppb
Lead	208-1	0.17	0.17	0.18	0.18	3.19	ppb
Lithium	6-1				130		%
Magnesium	24-2	21748.32	21434.50	21243.85	21475.56	1.19	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-18	Instrumnet Name :	P8
Client Sample ID :	LF012MW026-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:06:49	DataFile Name :	046SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	728.36	727.58	720.12	725.36	0.63	ppb
Molybdenum	94-1	3.45	3.30	3.56	3.44	3.81	ppb
Molybdenum	95-1	4.18	4.58	4.76	4.51	6.58	ppb
Molybdenum	96-1	4.35	4.31	4.48	4.38	1.97	ppb
Molybdenum	97-1	4.72	4.79	4.31	4.61	5.61	ppb
Molybdenum	98-1	4.70	4.29	4.79	4.59	5.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.77	44.56	42.91	43.08	3.26	ppb
Phosphorus	31-2	39.86	40.00	-8.51	23.78	117.59	ppb
Potassium	39-2	3670.87	3952.54	3758.05	3793.82	3.80	ppb
Rhodium	103-1				88		%
Rhodium	103-2				74		%
Scandium	45-1				74		%
Scandium	45-2				51		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.27	0.27	0.29	0.28	3.52	ppb
Selenium	82-1	1.43	1.15	1.24	1.27	11.23	ppb
Silicon	28-1	7572.75	7661.34	7626.88	7620.32	0.59	ppb
Silver	109-1	0.09	0.08	0.09	0.09	7.19	ppb
Silver	107-1	0.10	0.07	0.08	0.08	18.75	ppb
Sodium	23-2	52688.68	52788.87	53121.57	52866.37	0.43	ppb
Strontium	86-1	728.88	725.62	727.92	727.47	0.23	ppb
Strontium	88-1	746.58	740.60	748.74	745.30	0.57	ppb
Sulfur	34-1	55176.27	64531.34	64702.12	61469.91	8.87	ppb
Terbium	159-1				101		%
Terbium	159-2				85		%
Thallium	203-1	0.04	0.04	0.05	0.04	20.25	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	9.62	ppb
Tin	118-1	1.22	1.24	1.43	1.30	8.96	ppb
Titanium	47-1	0.95	0.87	1.08	0.97	11.12	ppb
Uranium	238-1	3.26	3.34	3.26	3.29	1.51	ppb
Vanadium	51-2	0.34	0.37	0.49	0.40	19.99	ppb
Yttrium	89-1				86		%
Yttrium	89-2				62		%
Zinc	66-2	12.76	11.20	11.27	11.74	7.49	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-18	Instrumnet Name :	P8
Client Sample ID :	LF012MW026-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:06:49	DataFile Name :	046SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.18	0.20	0.19	5.23	ppb
Zirconium	91-1	0.19	0.19	0.20	0.19	4.00	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-19 Instrumnet Name : P8
 Client Sample ID : LF012MW147-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:10:11 DataFile Name : 047SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.20	6.03	2.53	2.45	147.22	ppb
Antimony	121-1	1.26	1.34	1.49	1.36	8.55	ppb
Arsenic	75-2	7.57	8.15	8.36	8.03	5.08	ppb
Barium	135-1	134.18	135.20	136.53	135.31	0.87	ppb
Barium	137-1	134.56	137.33	135.97	135.95	1.02	ppb
Beryllium	9-1	0.01	0.08	0.00	0.03	145.10	ppb
Bismuth	209-1				110		%
Bismuth	209-2				87		%
Boron	10-1	179.31	182.70	178.47	180.16	1.24	ppb
Boron	11-1	178.49	181.95	180.51	180.32	0.97	ppb
Cadmium	111-1	0.03	-0.02	0.00	0.00	548.30	ppb
Cadmium	106-1	-0.79	-1.16	-0.81	-0.92		ppb
Cadmium	108-1	-0.03	0.01	0.26	0.08	191.07	ppb
Calcium	43-1	144292.03	144168.61	143622.07	144027.57	0.25	ppb
Calcium	44-1	143011.06	142012.52	141421.96	142148.51	0.57	ppb
Chromium	52-2	1.24	1.21	1.53	1.33	13.17	ppb
Cobalt	59-2	0.23	0.28	0.22	0.24	14.23	ppb
Copper	63-2	0.90	0.95	0.75	0.87	11.72	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				101		%
Holmium	165-2				85		%
Indium	115-1				91		%
Indium	115-2				67		%
Iron	56-2	4212.55	4134.63	4228.81	4192.00	1.20	ppb
Iron	57-2	4070.72	4061.25	4190.50	4107.49	1.75	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.22	0.23	0.23	1.78	ppb
Lead	207-1	0.23	0.23	0.19	0.22	9.37	ppb
Lead	208-1	0.23	0.22	0.22	0.22	3.19	ppb
Lithium	6-1				125		%
Magnesium	24-2	19938.98	19500.90	19811.11	19750.33	1.14	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-19 Instrumnet Name : P8
 Client Sample ID : LF012MW147-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:10:11 DataFile Name : 047SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	994.01	971.14	1005.05	990.07	1.75	ppb
Molybdenum	94-1	0.82	0.78	0.93	0.84	8.80	ppb
Molybdenum	95-1	0.75	0.80	0.80	0.78	3.41	ppb
Molybdenum	96-1	0.92	0.84	0.89	0.88	4.30	ppb
Molybdenum	97-1	0.82	0.82	0.89	0.85	4.40	ppb
Molybdenum	98-1	0.86	0.95	0.97	0.93	6.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.34	1.27	1.23	1.28	4.17	ppb
Phosphorus	31-2	41.26	-8.51	91.52	41.43	120.74	ppb
Potassium	39-2	4945.82	4923.48	5110.40	4993.23	2.04	ppb
Rhodium	103-1				87		%
Rhodium	103-2				73		%
Scandium	45-1				72		%
Scandium	45-2				50		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	-1.34	-1.34	-1.34		ppb
Selenium	82-1	1.30	1.92	1.35	1.52	22.72	ppb
Silicon	28-1	9293.92	9245.90	9314.61	9284.81	0.38	ppb
Silver	109-1	0.08	0.05	0.07	0.07	21.05	ppb
Silver	107-1	0.07	0.07	0.07	0.07	1.40	ppb
Sodium	23-2	47110.60	46017.66	46671.91	46600.06	1.18	ppb
Strontium	86-1	711.90	708.97	710.88	710.59	0.21	ppb
Strontium	88-1	732.75	730.47	734.24	732.49	0.26	ppb
Sulfur	34-1	32770.82	32200.95	32433.06	32468.28	0.88	ppb
Terbium	159-1				101		%
Terbium	159-2				85		%
Thallium	203-1	0.03	0.02	0.02	0.02	26.16	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	23.59	ppb
Tin	118-1	1.22	1.31	1.30	1.28	3.93	ppb
Titanium	47-1	0.75	0.85	0.67	0.76	12.11	ppb
Uranium	238-1	0.36	0.35	0.37	0.36	2.43	ppb
Vanadium	51-2	0.21	0.22	0.21	0.21	2.72	ppb
Yttrium	89-1				85		%
Yttrium	89-2				61		%
Zinc	66-2	6.83	6.18	6.19	6.40	5.81	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-19	Instrumnet Name :	P8
Client Sample ID :	LF012MW147-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:10:11	DataFile Name :	047SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.14	0.12	0.13	7.92	ppb
Zirconium	91-1	0.12	0.07	0.11	0.10	23.00	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-20 Instrumnet Name : P8
 Client Sample ID : LF012MW201-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:13:34 DataFile Name : 048SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.97	9.25	9.32	9.18	2.01	ppb
Antimony	121-1	1.18	1.33	1.33	1.28	6.82	ppb
Arsenic	75-2	0.55	0.77	0.63	0.65	17.39	ppb
Barium	135-1	23.17	23.06	23.07	23.10	0.25	ppb
Barium	137-1	23.08	22.61	22.68	22.79	1.12	ppb
Beryllium	9-1	0.07	0.11	0.05	0.08	36.19	ppb
Bismuth	209-1				107		%
Bismuth	209-2				84		%
Boron	10-1	1873.71	1900.05	1923.85	1899.20	1.32	ppb
Boron	11-1	1844.88	1779.59	1822.48	1815.65	1.83	ppb
Cadmium	111-1	0.00	0.02	0.04	0.02	94.62	ppb
Cadmium	106-1	-0.59	-0.60	-0.91	-0.70		ppb
Cadmium	108-1	0.14	0.01	0.10	0.08	77.11	ppb
Calcium	43-1	263716.91	261711.65	263475.05	262967.87	0.42	ppb
Calcium	44-1	265663.47	261055.41	262650.72	263123.20	0.89	ppb
Chromium	52-2	0.29	0.63	0.52	0.48	35.48	ppb
Cobalt	59-2	0.51	0.39	0.48	0.46	13.47	ppb
Copper	63-2	1.08	1.06	0.99	1.05	4.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				85		%
Indium	115-1				90		%
Indium	115-2				67		%
Iron	56-2	90.92	92.39	92.79	92.03	1.07	ppb
Iron	57-2	91.12	69.98	113.62	91.58	23.83	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.17	0.15	0.15	7.77	ppb
Lead	207-1	0.16	0.12	0.15	0.14	11.93	ppb
Lead	208-1	0.15	0.15	0.14	0.14	3.98	ppb
Lithium	6-1				127		%
Magnesium	24-2	205316.40	206579.10	206067.76	205987.75	0.31	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-20	Instrumnet Name :	P8
Client Sample ID :	LF012MW201-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:13:34	DataFile Name :	048SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	71.08	69.69	72.63	71.13	2.07	ppb
Molybdenum	94-1	1.55	1.25	1.17	1.32	15.20	ppb
Molybdenum	95-1	0.95	1.14	0.98	1.02	9.97	ppb
Molybdenum	96-1	0.94	1.03	1.15	1.04	9.86	ppb
Molybdenum	97-1	1.22	0.99	1.02	1.08	11.82	ppb
Molybdenum	98-1	0.97	1.04	1.13	1.05	7.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.47	1.93	1.69	1.70	13.65	ppb
Phosphorus	31-2	-8.51	-8.51	-8.51	-8.51		ppb
Potassium	39-2	10351.38	10143.90	10352.43	10282.57	1.17	ppb
Rhodium	103-1				85		%
Rhodium	103-2				73		%
Scandium	45-1				74		%
Scandium	45-2				52		%
Selenium	77-2	0.00	19.14	9.64	9.59	99.78	ppb
Selenium	78-2	-1.34	0.26	3.50	0.81	305.85	ppb
Selenium	82-1	2.12	2.03	1.69	1.95	11.77	ppb
Silicon	28-1	10594.74	10496.76	10620.37	10570.62	0.62	ppb
Silver	109-1	0.07	0.05	0.07	0.06	22.62	ppb
Silver	107-1	0.06	0.08	0.07	0.07	15.65	ppb
Sodium	23-2	252162.05	256288.52	255284.85	254578.47	0.85	ppb
Strontium	86-1	4535.71	4597.46	4652.35	4595.17	1.27	ppb
Strontium	88-1	4655.13	4592.41	4699.60	4649.05	1.16	ppb
Sulfur	34-1	369447.40	369041.27	370497.29	369661.99	0.20	ppb
Terbium	159-1				101		%
Terbium	159-2				85		%
Thallium	203-1	0.03	0.03	0.03	0.03	1.21	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	4.13	ppb
Tin	118-1	1.23	1.14	1.26	1.21	4.92	ppb
Titanium	47-1	0.83	0.95	1.34	1.04	25.65	ppb
Uranium	238-1	30.54	30.36	30.11	30.33	0.71	ppb
Vanadium	51-2	0.89	0.96	0.93	0.93	3.92	ppb
Yttrium	89-1				86		%
Yttrium	89-2				63		%
Zinc	66-2	8.48	8.20	8.59	8.42	2.40	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-20	Instrumnet Name :	P8
Client Sample ID :	LF012MW201-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:13:34	DataFile Name :	048SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.27	0.27	0.31	0.28	7.06	ppb
Zirconium	91-1	0.35	0.31	0.32	0.33	7.07	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-21 Instrumnet Name : P8
 Client Sample ID : LF012OW009-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:16:55 DataFile Name : 049SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49.25	2.22	20.65	24.04	98.57	ppb
Antimony	121-1	1.37	1.43	1.37	1.39	2.26	ppb
Arsenic	75-2	4.67	4.19	3.22	4.03	18.39	ppb
Barium	135-1	189.50	189.62	187.57	188.90	0.61	ppb
Barium	137-1	191.68	190.30	190.60	190.86	0.38	ppb
Beryllium	9-1	0.04	0.09	0.10	0.08	44.46	ppb
Bismuth	209-1				109		%
Bismuth	209-2				85		%
Boron	10-1	208.92	193.80	199.97	200.89	3.78	ppb
Boron	11-1	203.43	195.28	196.94	198.55	2.17	ppb
Cadmium	111-1	-0.07	-0.09	-0.12	-0.09		ppb
Cadmium	106-1	-1.06	-1.40	-1.73	-1.40		ppb
Cadmium	108-1	-0.03	0.06	0.14	0.05	149.98	ppb
Calcium	43-1	122101.84	124876.53	123253.97	123410.78	1.13	ppb
Calcium	44-1	123407.27	121156.05	122571.56	122378.29	0.93	ppb
Chromium	52-2	0.48	0.61	0.89	0.66	31.32	ppb
Cobalt	59-2	0.32	0.31	0.36	0.33	7.44	ppb
Copper	63-2	1.34	1.38	1.45	1.39	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				101		%
Holmium	165-2				83		%
Indium	115-1				92		%
Indium	115-2				66		%
Iron	56-2	4622.26	4241.84	4375.21	4413.10	4.37	ppb
Iron	57-2	4572.00	4193.92	4315.16	4360.36	4.43	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.19	0.18	0.18	4.66	ppb
Lead	207-1	0.19	0.16	0.17	0.17	8.47	ppb
Lead	208-1	0.17	0.17	0.18	0.18	2.37	ppb
Lithium	6-1				120		%
Magnesium	24-2	17239.66	15714.94	16289.73	16414.77	4.69	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-21	Instrumnet Name :	P8
Client Sample ID :	LF012OW009-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:16:55	DataFile Name :	049SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	324.77	293.51	304.28	307.52	5.16	ppb
Molybdenum	94-1	1.20	1.41	1.44	1.35	9.82	ppb
Molybdenum	95-1	1.56	1.58	1.62	1.58	2.10	ppb
Molybdenum	96-1	1.56	1.53	1.55	1.55	1.15	ppb
Molybdenum	97-1	1.30	1.51	1.64	1.48	11.54	ppb
Molybdenum	98-1	1.57	1.63	1.59	1.60	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.33	2.25	1.81	2.13	13.13	ppb
Phosphorus	31-2	-8.51	87.27	40.64	39.80	120.34	ppb
Potassium	39-2	6775.58	5921.85	6218.10	6305.18	6.87	ppb
Rhodium	103-1				88		%
Rhodium	103-2				73		%
Scandium	45-1				74		%
Scandium	45-2				50		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.39	-1.34	-1.34	-0.76		ppb
Selenium	82-1	1.17	1.07	-0.15	0.70	105.36	ppb
Silicon	28-1	7580.08	7529.31	7597.69	7569.03	0.47	ppb
Silver	109-1	0.08	0.08	0.05	0.07	22.14	ppb
Silver	107-1	0.07	0.06	0.07	0.07	16.14	ppb
Sodium	23-2	34309.49	31384.86	32379.76	32691.37	4.55	ppb
Strontium	86-1	600.09	592.76	590.31	594.38	0.86	ppb
Strontium	88-1	614.69	610.01	602.37	609.03	1.02	ppb
Sulfur	34-1	17949.07	17082.45	17071.32	17367.61	2.90	ppb
Terbium	159-1				100		%
Terbium	159-2				82		%
Thallium	203-1	0.01	0.02	0.02	0.02	37.98	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	14.61	ppb
Tin	118-1	1.24	1.18	1.28	1.23	4.15	ppb
Titanium	47-1	0.97	0.88	0.77	0.88	11.24	ppb
Uranium	238-1	1.42	1.44	1.42	1.42	0.99	ppb
Vanadium	51-2	0.58	0.61	0.52	0.57	8.50	ppb
Yttrium	89-1				86		%
Yttrium	89-2				61		%
Zinc	66-2	35.44	28.72	29.93	31.36	11.41	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-21	Instrumnet Name :	P8
Client Sample ID :	LF012OW009-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:16:55	DataFile Name :	049SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.10	0.11	0.11	9.17	ppb
Zirconium	91-1	0.11	0.08	0.04	0.08	51.74	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-22	Instrumnet Name :	P8
Client Sample ID :	LF012RW042-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:20:17	DataFile Name :	050SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84.93	79.07	116.20	93.40	21.37	ppb
Antimony	121-1	1.45	1.61	1.72	1.59	8.45	ppb
Arsenic	75-2	4.44	5.06	3.95	4.48	12.40	ppb
Barium	135-1	114.33	116.59	117.40	116.10	1.37	ppb
Barium	137-1	114.74	115.50	117.76	116.00	1.36	ppb
Beryllium	9-1	0.09	0.07	0.04	0.06	36.89	ppb
Bismuth	209-1				109		%
Bismuth	209-2				86		%
Boron	10-1	113.41	116.34	115.85	115.20	1.36	ppb
Boron	11-1	117.68	118.00	120.01	118.57	1.06	ppb
Cadmium	111-1	-0.01	0.00	0.01	0.00	1380.78	ppb
Cadmium	106-1	-0.83	-1.09	-0.42	-0.78		ppb
Cadmium	108-1	0.35	0.18	0.10	0.21	60.83	ppb
Calcium	43-1	120388.17	120074.95	121919.36	120794.16	0.82	ppb
Calcium	44-1	122137.77	121341.22	122380.76	121953.25	0.45	ppb
Chromium	52-2	0.75	0.54	0.50	0.60	22.20	ppb
Cobalt	59-2	0.67	0.69	0.73	0.70	4.12	ppb
Copper	63-2	2.17	2.36	2.27	2.27	4.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				85		%
Indium	115-1				92		%
Indium	115-2				67		%
Iron	56-2	974.69	983.07	994.12	983.96	0.99	ppb
Iron	57-2	881.02	930.01	963.96	925.00	4.51	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.35	0.32	0.33	7.12	ppb
Lead	207-1	0.32	0.32	0.31	0.31	1.69	ppb
Lead	208-1	0.30	0.31	0.31	0.31	1.97	ppb
Lithium	6-1				113		%
Magnesium	24-2	9850.10	10097.89	10036.62	9994.87	1.29	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-22 Instrumnet Name : P8
 Client Sample ID : LF012RW042-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:20:17 DataFile Name : 050SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	248.84	248.94	252.99	250.26	0.95	ppb
Molybdenum	94-1	1.19	1.13	1.21	1.18	3.82	ppb
Molybdenum	95-1	1.25	1.23	1.23	1.24	0.93	ppb
Molybdenum	96-1	1.28	1.16	1.29	1.24	5.86	ppb
Molybdenum	97-1	1.34	1.24	1.34	1.31	4.38	ppb
Molybdenum	98-1	1.21	1.23	1.33	1.26	5.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.44	1.47	1.98	1.63	18.54	ppb
Phosphorus	31-2	84.60	38.61	39.46	54.22	48.52	ppb
Potassium	39-2	7626.14	7522.33	7934.37	7694.28	2.79	ppb
Rhodium	103-1				88		%
Rhodium	103-2				74		%
Scandium	45-1				73		%
Scandium	45-2				53		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.28	0.28	-1.34	-0.26		ppb
Selenium	82-1	1.39	0.95	2.01	1.45	36.50	ppb
Silicon	28-1	5394.97	5348.19	5343.33	5362.16	0.53	ppb
Silver	109-1	0.07	0.05	0.06	0.06	14.48	ppb
Silver	107-1	0.07	0.05	0.06	0.06	11.68	ppb
Sodium	23-2	47340.67	48036.74	47845.28	47740.90	0.75	ppb
Strontium	86-1	359.68	361.23	367.45	362.79	1.13	ppb
Strontium	88-1	372.89	371.46	377.62	373.99	0.86	ppb
Sulfur	34-1	17961.89	17602.58	17907.99	17824.16	1.09	ppb
Terbium	159-1				100		%
Terbium	159-2				84		%
Thallium	203-1	0.02	0.01	0.00	0.01	107.67	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	28.90	ppb
Tin	118-1	1.23	1.24	1.13	1.20	4.94	ppb
Titanium	47-1	1.67	2.03	2.47	2.06	19.28	ppb
Uranium	238-1	0.94	0.96	0.95	0.95	0.65	ppb
Vanadium	51-2	1.22	1.40	1.49	1.37	10.06	ppb
Yttrium	89-1				86		%
Yttrium	89-2				62		%
Zinc	66-2	9.98	10.52	10.36	10.29	2.69	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-22	Instrumnet Name :	P8
Client Sample ID :	LF012RW042-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:20:17	DataFile Name :	050SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.17	0.16	0.16	7.20	ppb
Zirconium	91-1	0.16	0.15	0.15	0.15	4.38	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:23:40	DataFile Name :	051SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.09	16.60	6.60	12.43	41.84	ppb
Antimony	121-1	1.16	1.18	1.22	1.19	2.46	ppb
Arsenic	75-2	18.76	19.97	19.38	19.37	3.14	ppb
Barium	135-1	225.68	227.83	225.07	226.19	0.64	ppb
Barium	137-1	229.30	229.84	223.80	227.65	1.47	ppb
Beryllium	9-1	0.06	0.05	0.06	0.05	7.62	ppb
Bismuth	209-1				109		%
Bismuth	209-2				86		%
Boron	10-1	210.12	216.55	220.86	215.84	2.50	ppb
Boron	11-1	206.51	218.58	219.16	214.75	3.32	ppb
Cadmium	111-1	0.05	0.04	-0.05	0.01	415.30	ppb
Cadmium	106-1	0.24	-0.04	-1.12	-0.31		ppb
Cadmium	108-1	0.10	-0.03	0.17	0.08	126.00	ppb
Calcium	43-1	160696.81	161680.88	162567.04	161648.24	0.58	ppb
Calcium	44-1	159428.66	160044.47	160934.21	160135.78	0.47	ppb
Chromium	52-2	1.95	1.97	2.08	2.00	3.29	ppb
Cobalt	59-2	0.77	0.80	0.78	0.78	1.66	ppb
Copper	63-2	0.81	0.85	0.82	0.83	2.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				84		%
Indium	115-1				91		%
Indium	115-2				65		%
Iron	56-2	13599.09	12845.66	13675.88	13373.54	3.43	ppb
Iron	57-2	13166.52	12091.21	13145.65	12801.13	4.80	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.16	0.17	0.15	8.18	ppb
Lead	207-1	0.14	0.16	0.17	0.16	8.25	ppb
Lead	208-1	0.16	0.16	0.17	0.16	3.49	ppb
Lithium	6-1				111		%
Magnesium	24-2	19997.75	18655.66	20240.04	19631.15	4.35	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01 Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:23:40 DataFile Name : 051SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1342.82	1249.92	1340.18	1310.97	4.03	ppb
Molybdenum	94-1	0.93	0.97	1.05	0.98	5.98	ppb
Molybdenum	95-1	1.28	1.14	1.31	1.24	7.09	ppb
Molybdenum	96-1	1.19	1.25	1.31	1.25	5.05	ppb
Molybdenum	97-1	1.34	1.20	1.35	1.29	6.53	ppb
Molybdenum	98-1	1.20	1.31	1.27	1.26	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.74	1.13	1.09	1.32	27.66	ppb
Phosphorus	31-2	196.03	88.05	43.10	109.06	72.07	ppb
Potassium	39-2	6634.03	6078.37	6696.15	6469.52	5.26	ppb
Rhodium	103-1				87		%
Rhodium	103-2				72		%
Scandium	45-1				73		%
Scandium	45-2				49		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	-1.34	-1.34	-1.34		ppb
Selenium	82-1	1.17	1.92	1.70	1.60	24.23	ppb
Silicon	28-1	9834.26	9862.74	9914.57	9870.52	0.41	ppb
Silver	109-1	0.06	0.05	0.06	0.06	4.54	ppb
Silver	107-1	0.05	0.05	0.04	0.05	7.87	ppb
Sodium	23-2	47794.68	45076.35	47413.06	46761.36	3.15	ppb
Strontium	86-1	713.50	714.21	707.93	711.88	0.48	ppb
Strontium	88-1	728.56	736.87	725.50	730.31	0.81	ppb
Sulfur	34-1	29439.76	29329.25	29956.98	29575.33	1.13	ppb
Terbium	159-1				101		%
Terbium	159-2				83		%
Thallium	203-1	0.00	0.02	0.02	0.01	80.54	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	24.98	ppb
Tin	118-1	1.04	1.10	1.19	1.11	6.81	ppb
Titanium	47-1	0.88	0.99	1.12	1.00	11.99	ppb
Uranium	238-1	0.19	0.19	0.18	0.19	3.38	ppb
Vanadium	51-2	0.51	0.42	0.41	0.45	11.87	ppb
Yttrium	89-1				86		%
Yttrium	89-2				60		%
Zinc	66-2	4.41	3.49	3.89	3.93	11.82	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:23:40	DataFile Name :	051SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.09	0.07	0.08	12.33	ppb
Zirconium	91-1	0.10	0.09	0.20	0.13	49.53	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01DUP Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410DL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:27:03 DataFile Name : 052SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.63	6.34	-4.89	5.03	185.64	ppb
Antimony	121-1	1.12	1.18	1.20	1.17	3.37	ppb
Arsenic	75-2	18.84	20.82	19.53	19.73	5.10	ppb
Barium	135-1	228.68	227.18	226.97	227.61	0.41	ppb
Barium	137-1	229.10	228.49	225.05	227.54	0.96	ppb
Beryllium	9-1	0.07	0.03	-0.02	0.03	165.05	ppb
Bismuth	209-1				110		%
Bismuth	209-2				86		%
Boron	10-1	214.01	211.11	218.89	214.67	1.83	ppb
Boron	11-1	213.87	214.73	219.33	215.98	1.36	ppb
Cadmium	111-1	-0.04	-0.03	-0.02	-0.03		ppb
Cadmium	106-1	-0.98	-1.13	-1.02	-1.04		ppb
Cadmium	108-1	0.01	0.01	0.05	0.03	84.56	ppb
Calcium	43-1	160968.85	165570.54	158019.45	161519.62	2.36	ppb
Calcium	44-1	160563.81	162471.92	159554.29	160863.34	0.92	ppb
Chromium	52-2	2.08	2.12	1.97	2.06	3.63	ppb
Cobalt	59-2	0.75	0.63	0.84	0.74	14.63	ppb
Copper	63-2	0.63	0.89	0.93	0.82	19.55	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				101		%
Holmium	165-2				84		%
Indium	115-1				91		%
Indium	115-2				65		%
Iron	56-2	13176.07	13231.65	13360.29	13256.00	0.71	ppb
Iron	57-2	12396.10	12530.48	12671.06	12532.55	1.10	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.17	0.16	0.17	5.39	ppb
Lead	207-1	0.16	0.14	0.17	0.16	11.80	ppb
Lead	208-1	0.16	0.15	0.17	0.16	4.74	ppb
Lithium	6-1				109		%
Magnesium	24-2	18976.79	19273.75	19464.20	19238.25	1.28	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01DUP Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410DL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:27:03 DataFile Name : 052SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1255.98	1298.77	1298.88	1284.54	1.93	ppb
Molybdenum	94-1	0.99	1.20	1.09	1.09	9.47	ppb
Molybdenum	95-1	1.13	1.21	1.16	1.17	3.27	ppb
Molybdenum	96-1	1.36	1.13	1.16	1.22	10.16	ppb
Molybdenum	97-1	1.25	1.18	1.17	1.20	3.71	ppb
Molybdenum	98-1	1.14	1.20	1.27	1.20	5.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.48	1.17	1.07	1.24	17.30	ppb
Phosphorus	31-2	41.38	41.91	92.78	58.69	50.30	ppb
Potassium	39-2	6292.07	6317.89	6393.38	6334.45	0.83	ppb
Rhodium	103-1				87		%
Rhodium	103-2				73		%
Scandium	45-1				72		%
Scandium	45-2				49		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.33	0.35	0.33	0.33	3.45	ppb
Selenium	82-1	1.37	1.00	2.04	1.47	35.92	ppb
Silicon	28-1	9924.56	9938.32	9892.85	9918.58	0.24	ppb
Silver	109-1	0.05	0.06	0.05	0.05	10.91	ppb
Silver	107-1	0.06	0.05	0.05	0.06	11.15	ppb
Sodium	23-2	45595.94	46701.96	46371.61	46223.17	1.23	ppb
Strontium	86-1	723.28	723.36	713.74	720.13	0.77	ppb
Strontium	88-1	745.40	744.21	737.29	742.30	0.59	ppb
Sulfur	34-1	29737.58	29984.47	29592.62	29771.56	0.67	ppb
Terbium	159-1				100		%
Terbium	159-2				84		%
Thallium	203-1	0.00	0.01	0.02	0.01	129.66	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	15.24	ppb
Tin	118-1	1.11	1.18	1.15	1.15	2.86	ppb
Titanium	47-1	0.81	1.22	0.95	0.99	20.95	ppb
Uranium	238-1	0.21	0.18	0.20	0.20	7.59	ppb
Vanadium	51-2	0.33	0.39	0.24	0.32	22.53	ppb
Yttrium	89-1				85		%
Yttrium	89-2				60		%
Zinc	66-2	4.66	4.96	3.75	4.46	14.18	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410DL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:27:03	DataFile Name :	052SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.10	0.08	0.09	12.63	ppb
Zirconium	91-1	0.13	0.09	0.11	0.11	19.93	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01LX5 Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410L Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 17:30:25 DataFile Name : 053SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.63	-4.89	8.45	0.64	1081.74	ppb
Antimony	121-1	0.23	0.23	0.20	0.22	7.61	ppb
Arsenic	75-2	4.13	3.97	3.16	3.76	13.81	ppb
Barium	135-1	45.88	47.60	46.03	46.50	2.05	ppb
Barium	137-1	46.64	46.98	47.03	46.89	0.45	ppb
Beryllium	9-1	0.08	0.07	0.02	0.06	60.09	ppb
Bismuth	209-1				116		%
Bismuth	209-2				94		%
Boron	10-1	80.52	82.52	83.17	82.07	1.68	ppb
Boron	11-1	78.15	81.27	79.82	79.75	1.96	ppb
Cadmium	111-1	0.01	0.04	-0.06	0.00		ppb
Cadmium	106-1	-0.02	0.28	-0.84	-0.19		ppb
Cadmium	108-1	-0.03	0.01	0.01	0.00		ppb
Calcium	43-1	32051.21	32996.00	33229.00	32758.74	1.90	ppb
Calcium	44-1	32688.20	33263.82	33311.57	33087.87	1.05	ppb
Chromium	52-2	0.31	0.54	0.48	0.44	27.39	ppb
Cobalt	59-2	0.15	0.14	0.13	0.14	8.00	ppb
Copper	63-2	0.28	0.33	0.30	0.30	8.00	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				105		%
Holmium	165-2				90		%
Indium	115-1				96		%
Indium	115-2				74		%
Iron	56-2	2539.99	2530.04	2585.04	2551.69	1.15	ppb
Iron	57-2	2496.70	2397.45	2506.01	2466.72	2.44	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.02	0.02	37.54	ppb
Lead	207-1	0.03	0.04	0.03	0.03	16.82	ppb
Lead	208-1	0.02	0.03	0.02	0.02	1.60	ppb
Lithium	6-1				96		%
Magnesium	24-2	3935.47	3812.81	3943.31	3897.20	1.88	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01LX5 Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410L Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 17:30:25 DataFile Name : 053SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	255.99	264.24	269.30	263.18	2.55	ppb
Molybdenum	94-1	0.24	0.20	0.21	0.21	8.23	ppb
Molybdenum	95-1	0.21	0.23	0.24	0.23	8.02	ppb
Molybdenum	96-1	0.21	0.24	0.29	0.24	17.00	ppb
Molybdenum	97-1	0.24	0.30	0.30	0.28	13.11	ppb
Molybdenum	98-1	0.28	0.27	0.25	0.27	4.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.37	-0.48	-0.34	-0.39		ppb
Phosphorus	31-2	-8.51	35.28	36.42	21.06	121.62	ppb
Potassium	39-2	1288.29	1216.68	1244.38	1249.78	2.89	ppb
Rhodium	103-1				94		%
Rhodium	103-2				81		%
Scandium	45-1				77		%
Scandium	45-2				56		%
Selenium	77-2	8.86	0.00	0.00	2.95	173.21	ppb
Selenium	78-2	-1.34	-1.34	-1.34	-1.34		ppb
Selenium	82-1	0.69	-0.11	1.45	0.68	115.37	ppb
Silicon	28-1	2046.01	2085.27	2087.03	2072.77	1.12	ppb
Silver	109-1	0.03	0.02	0.03	0.03	10.69	ppb
Silver	107-1	0.02	0.03	0.03	0.02	12.05	ppb
Sodium	23-2	8820.13	8915.51	9010.41	8915.35	1.07	ppb
Strontium	86-1	143.57	151.96	144.19	146.57	3.19	ppb
Strontium	88-1	150.45	159.39	151.58	153.81	3.16	ppb
Sulfur	34-1	4946.66	5341.66	5281.72	5190.01	4.10	ppb
Terbium	159-1				105		%
Terbium	159-2				90		%
Thallium	203-1	0.00	0.00	0.00	0.00	1465.31	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	74.54	ppb
Tin	118-1	0.12	0.15	0.13	0.14	10.31	ppb
Titanium	47-1	0.19	0.21	0.46	0.29	51.89	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	6.57	ppb
Vanadium	51-2	0.11	0.06	0.06	0.08	37.62	ppb
Yttrium	89-1				91		%
Yttrium	89-2				67		%
Zinc	66-2	0.45	0.60	1.18	0.74	52.11	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 17:30:25	DataFile Name :	053SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.00	0.01	180.44	ppb
Zirconium	91-1	-0.02	0.02	0.00	0.00		ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:39:54	DataFile Name :	054CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48422.15	47934.19	48474.83	48277.06	0.62	ppb
Antimony	121-1	474.36	480.22	469.30	474.63	1.15	ppb
Arsenic	75-2	494.01	488.61	482.00	488.20	1.23	ppb
Barium	135-1	2410.64	2446.07	2385.87	2414.19	1.25	ppb
Barium	137-1	2383.41	2429.24	2391.13	2401.26	1.02	ppb
Beryllium	9-1	505.99	505.48	505.77	505.74	0.05	ppb
Bismuth	209-1				112		%
Bismuth	209-2				93		%
Boron	10-1	500.61	522.15	541.78	521.51	3.95	ppb
Boron	11-1	493.40	512.05	515.89	507.12	2.37	ppb
Cadmium	111-1	494.91	499.67	492.70	495.76	0.72	ppb
Cadmium	106-1	487.15	494.97	482.96	488.36	1.25	ppb
Cadmium	108-1	490.15	500.95	487.80	492.97	1.42	ppb
Calcium	43-1	239937.25	235090.34	238237.01	237754.86	1.03	ppb
Calcium	44-1	239117.73	235161.76	239069.90	237783.13	0.95	ppb
Chromium	52-2	523.44	515.26	530.20	522.97	1.43	ppb
Cobalt	59-2	521.12	514.37	527.20	520.90	1.23	ppb
Copper	63-2	1015.84	1008.06	1033.67	1019.19	1.29	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				109		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				80		%
Iron	56-2	127127.28	126574.53	128742.85	127481.55	0.88	ppb
Iron	57-2	124766.86	122512.80	125048.91	124109.53	1.12	ppb
Krypton	83-1						cps
Lead	206-1	507.61	504.16	501.57	504.45	0.60	ppb
Lead	207-1	493.41	502.56	500.47	498.82	0.96	ppb
Lead	208-1	500.77	503.01	501.97	501.92	0.22	ppb
Lithium	6-1				88		%
Magnesium	24-2	252026.35	249292.01	252901.92	251406.76	0.75	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:39:54	DataFile Name :	054CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	997.15	982.04	1011.43	996.87	1.47	ppb
Molybdenum	94-1	2524.89	2519.64	2514.99	2519.84	0.20	ppb
Molybdenum	95-1	2484.78	2460.70	2507.90	2484.46	0.95	ppb
Molybdenum	96-1	2487.12	2462.11	2469.56	2472.93	0.52	ppb
Molybdenum	97-1	2537.99	2493.85	2521.20	2517.68	0.88	ppb
Molybdenum	98-1	2511.09	2477.84	2501.78	2496.90	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.70	519.43	534.42	526.85	1.42	ppb
Phosphorus	31-2	8951.93	9151.23	9772.22	9291.80	4.60	ppb
Potassium	39-2	116307.63	114896.69	116951.08	116051.80	0.91	ppb
Rhodium	103-1				96		%
Rhodium	103-2				85		%
Scandium	45-1				91		%
Scandium	45-2				72		%
Selenium	77-2	540.27	520.91	452.61	504.59	9.13	ppb
Selenium	78-2	519.61	472.26	451.72	481.20	7.24	ppb
Selenium	82-1	478.11	471.44	473.51	474.36	0.72	ppb
Silicon	28-1	509.35	499.66	523.36	510.79	2.33	ppb
Silver	109-1	458.46	465.54	460.24	461.41	0.80	ppb
Silver	107-1	461.83	467.79	462.66	464.09	0.70	ppb
Sodium	23-2	249272.79	248919.05	253015.39	250402.41	0.91	ppb
Strontium	86-1	492.75	488.66	489.81	490.40	0.43	ppb
Strontium	88-1	506.87	502.60	505.19	504.89	0.43	ppb
Sulfur	34-1	9398.56	8955.77	9081.76	9145.36	2.49	ppb
Terbium	159-1				108		%
Terbium	159-2				95		%
Thallium	203-1	493.19	496.53	497.97	495.90	0.49	ppb
Thallium	205-1	493.32	501.34	496.13	496.93	0.82	ppb
Tin	118-1	488.27	486.61	481.32	485.40	0.75	ppb
Titanium	47-1	2495.34	2424.39	2464.08	2461.27	1.44	ppb
Uranium	238-1	515.78	513.93	511.13	513.61	0.46	ppb
Vanadium	51-2	512.16	506.04	518.58	512.26	1.22	ppb
Yttrium	89-1				99		%
Yttrium	89-2				80		%
Zinc	66-2	1009.06	979.59	1021.91	1003.52	2.16	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:39:54	DataFile Name :	054CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	494.84	491.67	494.38	493.63	0.35	ppb
Zirconium	91-1	480.35	474.73	480.96	478.68	0.72	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:44:42	DataFile Name :	055CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.45	-2.08	-2.07	-0.23		ppb
Antimony	121-1	0.57	0.70	0.85	0.71	19.80	ppb
Arsenic	75-2	0.18	0.12	0.18	0.16	22.12	ppb
Barium	135-1	0.03	0.03	0.01	0.02	64.51	ppb
Barium	137-1	0.03	0.02	0.02	0.02	32.50	ppb
Beryllium	9-1	0.27	0.23	0.30	0.27	13.90	ppb
Bismuth	209-1				116		%
Bismuth	209-2				96		%
Boron	10-1	26.59	23.46	19.62	23.22	15.04	ppb
Boron	11-1	22.66	22.10	21.22	22.00	3.30	ppb
Cadmium	111-1	-0.03	0.04	-0.03	-0.01		ppb
Cadmium	106-1	-1.02	-0.06	-0.77	-0.61		ppb
Cadmium	108-1	-0.03	-0.03	0.05	0.00		ppb
Calcium	43-1	-11.29	-15.23	-5.35	-10.62		ppb
Calcium	44-1	8.72	11.00	8.36	9.36	15.28	ppb
Chromium	52-2	-0.02	0.12	0.18	0.09	111.97	ppb
Cobalt	59-2	0.02	0.00	-0.01	0.00	417.90	ppb
Copper	63-2	0.13	0.07	0.12	0.11	28.17	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				107		%
Holmium	165-2				94		%
Indium	115-1				101		%
Indium	115-2				81		%
Iron	56-2	4.65	4.98	3.80	4.48	13.67	ppb
Iron	57-2	6.06	3.78	3.83	4.56	28.59	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.03	0.02	33.92	ppb
Lead	207-1	0.03	0.03	0.03	0.03	9.58	ppb
Lead	208-1	0.02	0.02	0.03	0.02	11.80	ppb
Lithium	6-1				91		%
Magnesium	24-2	11.69	12.62	11.61	11.97	4.67	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:44:42	DataFile Name :	055CCBE_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.04	0.04	0.04	2.39	ppb
Molybdenum	94-1	0.63	0.77	0.92	0.77	18.87	ppb
Molybdenum	95-1	0.69	0.79	1.08	0.85	23.98	ppb
Molybdenum	96-1	0.74	0.92	0.95	0.87	13.19	ppb
Molybdenum	97-1	0.60	0.84	1.15	0.86	31.56	ppb
Molybdenum	98-1	0.63	1.00	0.94	0.85	22.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.67	-0.89	-0.95	-0.83		ppb
Phosphorus	31-2	28.93	-8.51	-8.51	3.97	544.31	ppb
Potassium	39-2	-9.99	-6.14	1.08	-5.02		ppb
Rhodium	103-1				100		%
Rhodium	103-2				87		%
Scandium	45-1				86		%
Scandium	45-2				66		%
Selenium	77-2	0.00	7.87	0.00	2.62	173.21	ppb
Selenium	78-2	-0.03	-1.34	-0.01	-0.46		ppb
Selenium	82-1	0.92	-0.33	1.32	0.64	135.49	ppb
Silicon	28-1	-42.90	-42.54	-44.36	-43.27		ppb
Silver	109-1	0.03	0.03	0.04	0.03	17.95	ppb
Silver	107-1	0.04	0.02	0.03	0.03	21.07	ppb
Sodium	23-2	72.17	54.40	74.47	67.01	16.39	ppb
Strontium	86-1	-0.06	0.04	0.02	0.00	1892.85	ppb
Strontium	88-1	0.03	0.02	0.01	0.02	36.61	ppb
Sulfur	34-1	-1251.41	-887.29	-1170.73	-1103.14		ppb
Terbium	159-1				107		%
Terbium	159-2				93		%
Thallium	203-1	0.07	0.08	0.07	0.07	3.61	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	2.25	ppb
Tin	118-1	0.18	0.22	0.22	0.20	11.62	ppb
Titanium	47-1	-0.02	0.13	0.28	0.13	115.92	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	26.96	ppb
Vanadium	51-2	0.02	-0.01	0.05	0.02	140.55	ppb
Yttrium	89-1				97		%
Yttrium	89-2				76		%
Zinc	66-2	-0.07	-0.16	-0.02	-0.08		ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:44:42	DataFile Name :	055CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.05	0.07	0.06	14.77	ppb
Zirconium	91-1	0.06	0.07	0.05	0.06	14.18	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01MS Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410M Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:48:05 DataFile Name : 056SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8862.33	8988.75	9333.95	9061.68	2.69	ppb
Antimony	121-1	445.95	438.85	441.67	442.16	0.81	ppb
Arsenic	75-2	479.68	477.31	492.04	483.01	1.64	ppb
Barium	135-1	2462.60	2453.26	2468.02	2461.29	0.30	ppb
Barium	137-1	2443.96	2422.06	2428.95	2431.66	0.46	ppb
Beryllium	9-1	296.47	284.46	283.11	288.01	2.55	ppb
Bismuth	209-1				111		%
Bismuth	209-2				86		%
Boron	10-1	508.12	505.55	504.09	505.92	0.40	ppb
Boron	11-1	470.03	477.54	483.39	476.99	1.40	ppb
Cadmium	111-1	417.38	413.20	412.60	414.39	0.63	ppb
Cadmium	106-1	410.86	407.58	411.11	409.85	0.48	ppb
Cadmium	108-1	410.37	408.75	409.90	409.67	0.20	ppb
Calcium	43-1	208665.17	208662.64	209136.22	208821.34	0.13	ppb
Calcium	44-1	207476.76	206288.85	208129.83	207298.48	0.45	ppb
Chromium	52-2	528.26	517.16	545.44	530.28	2.69	ppb
Cobalt	59-2	543.01	537.98	565.47	548.82	2.67	ppb
Copper	63-2	1131.81	1120.89	1179.03	1143.91	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				85		%
Indium	115-1				88		%
Indium	115-2				64		%
Iron	56-2	39347.77	38784.81	40548.01	39560.20	2.28	ppb
Iron	57-2	37806.06	37616.79	39109.98	38177.61	2.13	ppb
Krypton	83-1						cps
Lead	206-1	459.83	468.75	466.27	464.95	0.99	ppb
Lead	207-1	455.90	466.70	465.15	462.58	1.26	ppb
Lead	208-1	458.41	468.41	468.08	464.97	1.22	ppb
Lithium	6-1				112		%
Magnesium	24-2	68490.85	67966.43	71027.70	69161.66	2.37	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01MS Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410M Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:48:05 DataFile Name : 056SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2238.58	2236.23	2327.97	2267.59	2.31	ppb
Molybdenum	94-1	2399.33	2376.53	2421.12	2398.99	0.93	ppb
Molybdenum	95-1	2387.99	2380.13	2414.49	2394.20	0.75	ppb
Molybdenum	96-1	2376.01	2382.46	2403.71	2387.39	0.61	ppb
Molybdenum	97-1	2427.40	2406.09	2422.54	2418.68	0.46	ppb
Molybdenum	98-1	2421.91	2397.54	2410.09	2409.85	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	553.45	560.77	582.19	565.47	2.64	ppb
Phosphorus	31-2	41.26	-8.51	43.56	25.44	115.66	ppb
Potassium	39-2	28234.27	27570.44	29428.78	28411.17	3.31	ppb
Rhodium	103-1				86		%
Rhodium	103-2				72		%
Scandium	45-1				72		%
Scandium	45-2				49		%
Selenium	77-2	518.79	385.06	487.14	463.66	15.07	ppb
Selenium	78-2	392.54	471.06	451.98	438.53	9.34	ppb
Selenium	82-1	448.81	447.24	449.61	448.55	0.27	ppb
Silicon	28-1	10345.38	10327.68	10284.17	10319.08	0.31	ppb
Silver	109-1	435.84	425.65	425.55	429.01	1.38	ppb
Silver	107-1	432.60	424.25	427.50	428.12	0.98	ppb
Sodium	23-2	95150.72	95084.20	98360.66	96198.52	1.95	ppb
Strontium	86-1	1193.71	1188.71	1194.04	1192.15	0.25	ppb
Strontium	88-1	1195.63	1192.64	1199.40	1195.89	0.28	ppb
Sulfur	34-1	29538.73	29424.19	29806.64	29589.85	0.66	ppb
Terbium	159-1				101		%
Terbium	159-2				84		%
Thallium	203-1	467.06	468.04	475.62	470.24	1.00	ppb
Thallium	205-1	467.55	474.43	479.82	473.94	1.30	ppb
Tin	118-1	422.55	431.65	428.44	427.54	1.08	ppb
Titanium	47-1	2278.91	2300.46	2289.27	2289.55	0.47	ppb
Uranium	238-1	483.55	487.64	492.53	487.91	0.92	ppb
Vanadium	51-2	503.53	499.84	523.55	508.97	2.51	ppb
Yttrium	89-1				85		%
Yttrium	89-2				60		%
Zinc	66-2	1004.70	1004.16	1052.23	1020.36	2.71	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01MS	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410M	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:48:05	DataFile Name :	056SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	474.03	478.11	476.84	476.33	0.44	ppb
Zirconium	91-1	460.00	459.24	459.29	459.51	0.09	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01MSD Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410M Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:51:21 DataFile Name : 057SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9466.78	9537.56	9291.20	9431.85	1.34	ppb
Antimony	121-1	467.72	464.76	467.41	466.63	0.35	ppb
Arsenic	75-2	505.35	520.28	527.72	517.78	2.20	ppb
Barium	135-1	2578.61	2571.19	2597.48	2582.42	0.52	ppb
Barium	137-1	2585.14	2556.62	2603.32	2581.69	0.91	ppb
Beryllium	9-1	304.33	302.13	302.44	302.97	0.39	ppb
Bismuth	209-1				108		%
Bismuth	209-2				84		%
Boron	10-1	495.87	510.63	534.04	513.51	3.75	ppb
Boron	11-1	483.01	503.59	503.53	496.71	2.39	ppb
Cadmium	111-1	441.87	437.31	443.55	440.91	0.73	ppb
Cadmium	106-1	430.13	430.61	433.94	431.56	0.48	ppb
Cadmium	108-1	432.40	439.29	434.86	435.51	0.80	ppb
Calcium	43-1	210909.82	212101.06	210359.32	211123.40	0.42	ppb
Calcium	44-1	209287.98	208543.21	206159.15	207996.78	0.79	ppb
Chromium	52-2	561.34	566.66	553.17	560.39	1.21	ppb
Cobalt	59-2	579.82	584.97	567.61	577.46	1.54	ppb
Copper	63-2	1212.57	1214.51	1194.21	1207.09	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				100		%
Holmium	165-2				83		%
Indium	115-1				87		%
Indium	115-2				62		%
Iron	56-2	40625.39	40645.55	39916.40	40395.78	1.03	ppb
Iron	57-2	39709.30	39472.09	38721.31	39300.90	1.31	ppb
Krypton	83-1						cps
Lead	206-1	502.35	509.92	503.19	505.15	0.82	ppb
Lead	207-1	497.31	505.97	501.12	501.46	0.87	ppb
Lead	208-1	503.06	510.40	503.44	505.63	0.82	ppb
Lithium	6-1				110		%
Magnesium	24-2	67628.72	67947.21	66175.15	67250.36	1.40	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01MSD Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410M Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:51:21 DataFile Name : 057SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2305.78	2298.41	2278.57	2294.25	0.61	ppb
Molybdenum	94-1	2587.72	2585.30	2556.60	2576.54	0.67	ppb
Molybdenum	95-1	2568.24	2560.44	2540.24	2556.31	0.57	ppb
Molybdenum	96-1	2586.35	2555.14	2538.34	2559.94	0.95	ppb
Molybdenum	97-1	2606.09	2605.58	2581.32	2597.66	0.55	ppb
Molybdenum	98-1	2566.51	2573.61	2550.28	2563.47	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	607.00	605.00	590.87	600.96	1.46	ppb
Phosphorus	31-2	195.85	43.11	42.04	93.67	94.47	ppb
Potassium	39-2	29447.37	29484.54	28630.22	29187.38	1.65	ppb
Rhodium	103-1				84		%
Rhodium	103-2				70		%
Scandium	45-1				70		%
Scandium	45-2				49		%
Selenium	77-2	496.26	512.56	451.66	486.83	6.48	ppb
Selenium	78-2	461.19	523.63	497.69	494.17	6.35	ppb
Selenium	82-1	480.42	484.85	474.23	479.84	1.11	ppb
Silicon	28-1	10237.80	10304.06	10255.64	10265.83	0.33	ppb
Silver	109-1	454.12	456.49	462.98	457.87	1.00	ppb
Silver	107-1	447.69	452.16	454.46	451.44	0.76	ppb
Sodium	23-2	95935.40	96671.59	94266.38	95624.45	1.29	ppb
Strontium	86-1	1232.53	1230.51	1237.12	1233.39	0.27	ppb
Strontium	88-1	1240.99	1234.81	1233.62	1236.47	0.32	ppb
Sulfur	34-1	29321.24	29166.87	28921.26	29136.45	0.69	ppb
Terbium	159-1				100		%
Terbium	159-2				83		%
Thallium	203-1	511.38	513.51	513.34	512.74	0.23	ppb
Thallium	205-1	510.93	515.99	509.36	512.09	0.68	ppb
Tin	118-1	449.67	448.57	453.29	450.51	0.55	ppb
Titanium	47-1	2424.73	2440.86	2431.25	2432.28	0.33	ppb
Uranium	238-1	532.58	537.06	530.62	533.42	0.62	ppb
Vanadium	51-2	542.26	545.00	529.82	539.03	1.50	ppb
Yttrium	89-1				84		%
Yttrium	89-2				58		%
Zinc	66-2	1086.93	1078.73	1077.01	1080.89	0.49	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01MSD	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410M	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:51:21	DataFile Name :	057SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	512.76	512.18	508.18	511.04	0.49	ppb
Zirconium	91-1	495.12	494.13	491.26	493.50	0.41	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01A	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:54:36	DataFile Name :	058SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9229.50	8957.69	9376.52	9187.90	2.31	ppb
Antimony	121-1	456.17	449.64	451.70	452.50	0.74	ppb
Arsenic	75-2	496.13	495.94	502.71	498.26	0.77	ppb
Barium	135-1	2526.58	2528.07	2521.68	2525.44	0.13	ppb
Barium	137-1	2500.46	2511.33	2524.06	2511.95	0.47	ppb
Beryllium	9-1	296.98	297.58	296.96	297.17	0.12	ppb
Bismuth	209-1				107		%
Bismuth	209-2				83		%
Boron	10-1	492.99	522.61	514.25	509.95	2.99	ppb
Boron	11-1	483.33	505.73	501.61	496.89	2.40	ppb
Cadmium	111-1	427.46	422.92	428.51	426.30	0.70	ppb
Cadmium	106-1	423.85	419.85	415.37	419.69	1.01	ppb
Cadmium	108-1	433.41	422.82	422.72	426.32	1.44	ppb
Calcium	43-1	206678.66	209576.06	210707.86	208987.53	0.99	ppb
Calcium	44-1	209455.79	209691.02	206640.93	208595.92	0.81	ppb
Chromium	52-2	531.92	543.48	566.97	547.45	3.26	ppb
Cobalt	59-2	545.42	555.12	582.04	560.86	3.38	ppb
Copper	63-2	1147.95	1168.05	1220.82	1178.94	3.19	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				98		%
Holmium	165-2				82		%
Indium	115-1				86		%
Indium	115-2				62		%
Iron	56-2	38881.13	39496.70	41285.27	39887.70	3.13	ppb
Iron	57-2	37018.22	38040.83	40161.77	38406.94	4.17	ppb
Krypton	83-1						cps
Lead	206-1	478.98	493.16	487.95	486.70	1.47	ppb
Lead	207-1	475.01	491.21	487.88	484.70	1.76	ppb
Lead	208-1	481.76	492.37	487.75	487.29	1.09	ppb
Lithium	6-1				105		%
Magnesium	24-2	67224.71	67193.91	70869.07	68429.23	3.09	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01A	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:54:36	DataFile Name :	058SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2208.23	2259.80	2364.24	2277.43	3.49	ppb
Molybdenum	94-1	2489.66	2471.29	2449.05	2470.00	0.82	ppb
Molybdenum	95-1	2479.40	2455.81	2436.85	2457.35	0.87	ppb
Molybdenum	96-1	2485.58	2447.93	2452.14	2461.88	0.84	ppb
Molybdenum	97-1	2521.64	2486.92	2469.02	2492.53	1.07	ppb
Molybdenum	98-1	2507.54	2462.87	2451.76	2474.06	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	563.00	579.80	603.59	582.13	3.50	ppb
Phosphorus	31-2	-8.51	43.27	99.62	44.79	120.74	ppb
Potassium	39-2	27770.98	28231.58	29666.81	28556.46	3.46	ppb
Rhodium	103-1				83		%
Rhodium	103-2				69		%
Scandium	45-1				69		%
Scandium	45-2				47		%
Selenium	77-2	511.78	497.56	483.86	497.73	2.81	ppb
Selenium	78-2	430.23	454.74	464.97	449.98	3.97	ppb
Selenium	82-1	463.94	459.44	459.94	461.11	0.54	ppb
Silicon	28-1	10273.10	10251.23	10269.14	10264.49	0.11	ppb
Silver	109-1	444.63	441.64	443.93	443.40	0.35	ppb
Silver	107-1	438.89	440.78	435.29	438.32	0.64	ppb
Sodium	23-2	94294.47	94751.74	100027.83	96358.01	3.31	ppb
Strontium	86-1	1219.21	1217.03	1211.34	1215.86	0.33	ppb
Strontium	88-1	1222.08	1210.74	1201.29	1211.37	0.86	ppb
Sulfur	34-1	29576.04	28979.69	28932.74	29162.82	1.23	ppb
Terbium	159-1				98		%
Terbium	159-2				81		%
Thallium	203-1	487.87	497.04	497.96	494.29	1.13	ppb
Thallium	205-1	489.25	498.96	494.01	494.07	0.98	ppb
Tin	118-1	435.56	434.05	433.79	434.47	0.22	ppb
Titanium	47-1	2354.46	2354.22	2341.10	2349.92	0.33	ppb
Uranium	238-1	508.34	516.06	513.84	512.75	0.77	ppb
Vanadium	51-2	507.77	513.53	538.33	519.88	3.12	ppb
Yttrium	89-1				83		%
Yttrium	89-2				58		%
Zinc	66-2	1007.84	1034.35	1093.68	1045.29	4.21	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01A	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:54:36	DataFile Name :	058SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	491.12	491.96	486.63	489.90	0.59	ppb
Zirconium	91-1	476.01	469.23	464.95	470.06	1.19	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-02 Instrumnet Name : P8
 Client Sample ID : LF012MW003-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:57:52 DataFile Name : 059SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.72	13.04	57.04	33.60	65.89	ppb
Antimony	121-1	1.13	1.27	1.37	1.25	9.62	ppb
Arsenic	75-2	1.26	1.33	1.14	1.25	7.61	ppb
Barium	135-1	98.96	99.65	97.20	98.60	1.29	ppb
Barium	137-1	98.07	99.01	95.61	97.56	1.80	ppb
Beryllium	9-1	0.32	0.40	0.43	0.38	14.71	ppb
Bismuth	209-1				111		%
Bismuth	209-2				88		%
Boron	10-1	311.30	314.89	327.20	317.79	2.62	ppb
Boron	11-1	307.04	315.51	319.66	314.07	2.05	ppb
Cadmium	111-1	0.16	0.17	0.28	0.20	30.92	ppb
Cadmium	106-1	-0.62	-0.50	0.22	-0.30		ppb
Cadmium	108-1	0.51	0.26	0.13	0.30	64.64	ppb
Calcium	43-1	197926.74	195436.71	191246.96	194870.14	1.73	ppb
Calcium	44-1	194903.18	193659.47	189936.51	192833.05	1.34	ppb
Chromium	52-2	19.70	19.77	19.88	19.78	0.44	ppb
Cobalt	59-2	1.33	1.49	1.33	1.38	6.48	ppb
Copper	63-2	2.56	2.58	2.42	2.52	3.38	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				103		%
Holmium	165-2				87		%
Indium	115-1				92		%
Indium	115-2				67		%
Iron	56-2	1035.98	1039.92	1053.20	1043.03	0.87	ppb
Iron	57-2	1011.42	1050.00	1066.70	1042.71	2.72	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.19	0.17	0.19	13.87	ppb
Lead	207-1	0.19	0.18	0.18	0.18	1.69	ppb
Lead	208-1	0.20	0.18	0.18	0.18	6.75	ppb
Lithium	6-1				107		%
Magnesium	24-2	25543.43	26014.90	26506.84	26021.72	1.85	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-02	Instrumnet Name :	P8
Client Sample ID :	LF012MW003-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:57:52	DataFile Name :	059SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	181.77	183.51	187.30	184.20	1.53	ppb
Molybdenum	94-1	2.28	2.58	2.57	2.48	6.79	ppb
Molybdenum	95-1	2.27	2.49	2.42	2.39	4.74	ppb
Molybdenum	96-1	2.29	2.44	2.73	2.49	8.99	ppb
Molybdenum	97-1	2.26	2.70	2.60	2.52	9.11	ppb
Molybdenum	98-1	2.36	2.55	2.69	2.53	6.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.88	21.43	23.13	22.48	4.07	ppb
Phosphorus	31-2	-8.51	88.15	89.68	56.44	99.67	ppb
Potassium	39-2	6653.95	6687.08	6692.00	6677.67	0.31	ppb
Rhodium	103-1				87		%
Rhodium	103-2				74		%
Scandium	45-1				73		%
Scandium	45-2				51		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	6.78	-1.34	1.37	343.20	ppb
Selenium	82-1	2.62	1.05	2.06	1.91	41.55	ppb
Silicon	28-1	9896.53	9923.93	9644.02	9821.49	1.57	ppb
Silver	109-1	0.09	0.08	0.07	0.08	12.10	ppb
Silver	107-1	0.08	0.09	0.09	0.09	9.39	ppb
Sodium	23-2	68642.49	69392.44	72106.02	70046.99	2.60	ppb
Strontium	86-1	973.86	984.80	943.43	967.36	2.22	ppb
Strontium	88-1	978.40	978.82	958.09	971.77	1.22	ppb
Sulfur	34-1	41208.36	40071.87	38810.70	40030.31	3.00	ppb
Terbium	159-1				102		%
Terbium	159-2				86		%
Thallium	203-1	0.27	0.19	0.20	0.22	18.68	ppb
Thallium	205-1	0.22	0.20	0.21	0.21	4.67	ppb
Tin	118-1	6.05	5.43	5.14	5.54	8.41	ppb
Titanium	47-1	1.29	1.40	1.40	1.36	4.62	ppb
Uranium	238-1	3.40	3.38	3.45	3.41	1.06	ppb
Vanadium	51-2	1.08	0.95	1.03	1.02	6.48	ppb
Yttrium	89-1				86		%
Yttrium	89-2				62		%
Zinc	66-2	2.47	2.90	3.14	2.84	11.95	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-02	Instrumnet Name :	P8
Client Sample ID :	LF012MW003-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:57:52	DataFile Name :	059SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.38	0.35	0.36	0.37	4.45	ppb
Zirconium	91-1	0.47	0.44	0.35	0.42	15.11	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-03	Instrumnet Name :	P8
Client Sample ID :	LF012MW144-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:01:15	DataFile Name :	060SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.10	-1.37	5.57	2.10	164.96	ppb
Antimony	121-1	1.20	1.21	1.24	1.22	1.89	ppb
Arsenic	75-2	3.63	3.62	3.49	3.58	2.19	ppb
Barium	135-1	141.51	139.71	139.20	140.14	0.87	ppb
Barium	137-1	141.85	139.82	141.25	140.97	0.74	ppb
Beryllium	9-1	0.31	0.35	0.27	0.31	12.50	ppb
Bismuth	209-1				111		%
Bismuth	209-2				87		%
Boron	10-1	280.50	294.44	283.02	285.99	2.60	ppb
Boron	11-1	270.73	278.01	283.91	277.55	2.38	ppb
Cadmium	111-1	-0.05	-0.04	-0.06	-0.05		ppb
Cadmium	106-1	-1.72	-1.48	-1.34	-1.51		ppb
Cadmium	108-1	0.01	0.17	0.13	0.11	78.93	ppb
Calcium	43-1	178112.52	177302.88	173752.75	176389.38	1.31	ppb
Calcium	44-1	177907.47	175608.54	178780.08	177432.03	0.92	ppb
Chromium	52-2	2.59	2.79	2.67	2.69	3.76	ppb
Cobalt	59-2	1.75	1.59	1.58	1.64	5.63	ppb
Copper	63-2	0.98	1.07	0.96	1.00	5.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				87		%
Indium	115-1				93		%
Indium	115-2				68		%
Iron	56-2	1903.86	1919.41	1898.04	1907.10	0.58	ppb
Iron	57-2	1859.58	1836.38	1830.79	1842.25	0.83	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.15	0.13	0.14	7.08	ppb
Lead	207-1	0.13	0.16	0.16	0.15	12.44	ppb
Lead	208-1	0.14	0.15	0.15	0.15	3.76	ppb
Lithium	6-1				105		%
Magnesium	24-2	23243.77	23645.40	23087.91	23325.69	1.23	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-03	Instrumnet Name :	P8
Client Sample ID :	LF012MW144-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:01:15	DataFile Name :	060SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	745.98	737.63	735.27	739.63	0.76	ppb
Molybdenum	94-1	1.18	1.18	1.36	1.24	8.43	ppb
Molybdenum	95-1	1.50	1.36	1.54	1.47	6.45	ppb
Molybdenum	96-1	1.33	1.53	1.59	1.48	9.02	ppb
Molybdenum	97-1	1.35	1.48	1.53	1.45	6.70	ppb
Molybdenum	98-1	1.45	1.54	1.57	1.52	4.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.51	3.93	3.85	3.77	5.93	ppb
Phosphorus	31-2	-8.51	38.99	38.46	22.98	118.68	ppb
Potassium	39-2	5587.61	5532.20	5513.38	5544.40	0.70	ppb
Rhodium	103-1				89		%
Rhodium	103-2				74		%
Scandium	45-1				74		%
Scandium	45-2				53		%
Selenium	77-2	0.00	9.72	0.00	3.24	173.21	ppb
Selenium	78-2	1.89	-1.34	-1.34	-0.26		ppb
Selenium	82-1	1.28	1.43	2.07	1.59	26.60	ppb
Silicon	28-1	9458.02	9174.56	9276.24	9302.94	1.54	ppb
Silver	109-1	0.09	0.08	0.07	0.08	15.97	ppb
Silver	107-1	0.05	0.07	0.06	0.06	17.70	ppb
Sodium	23-2	69393.17	70521.48	68415.35	69443.34	1.52	ppb
Strontium	86-1	951.73	954.25	957.37	954.45	0.30	ppb
Strontium	88-1	952.32	946.00	944.77	947.70	0.43	ppb
Sulfur	34-1	40424.85	39355.78	39867.43	39882.68	1.34	ppb
Terbium	159-1				103		%
Terbium	159-2				86		%
Thallium	203-1	0.12	0.16	0.13	0.14	12.96	ppb
Thallium	205-1	0.14	0.13	0.14	0.14	5.21	ppb
Tin	118-1	3.22	3.07	3.30	3.20	3.52	ppb
Titanium	47-1	1.10	1.06	1.06	1.07	2.10	ppb
Uranium	238-1	2.76	2.73	2.72	2.74	0.78	ppb
Vanadium	51-2	1.14	1.31	1.16	1.21	7.76	ppb
Yttrium	89-1				88		%
Yttrium	89-2				62		%
Zinc	66-2	4.42	2.38	3.95	3.59	29.83	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-03	Instrumnet Name :	P8
Client Sample ID :	LF012MW144-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:01:15	DataFile Name :	060SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.12	0.15	0.14	12.60	ppb
Zirconium	91-1	0.16	0.29	0.16	0.20	38.28	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0440-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:04:38	DataFile Name :	061SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.38	2.29	12.88	5.85	104.12	ppb
Antimony	121-1	1.04	1.25	1.44	1.24	15.88	ppb
Arsenic	75-2	3.74	3.37	3.45	3.52	5.56	ppb
Barium	135-1	145.52	148.64	168.83	154.33	8.20	ppb
Barium	137-1	147.38	150.27	169.00	155.55	7.55	ppb
Beryllium	9-1	0.26	0.17	0.15	0.20	29.93	ppb
Bismuth	209-1				107		%
Bismuth	209-2				87		%
Boron	10-1	292.36	295.40	323.31	303.69	5.62	ppb
Boron	11-1	287.07	291.26	314.96	297.76	5.05	ppb
Cadmium	111-1	0.02	-0.03	-0.06	-0.03		ppb
Cadmium	106-1	-0.12	-0.90	-1.37	-0.80		ppb
Cadmium	108-1	0.05	0.01	0.02	0.03	72.73	ppb
Calcium	43-1	186289.58	186977.94	210779.74	194682.42	7.16	ppb
Calcium	44-1	186094.42	187942.01	210620.95	194885.79	7.01	ppb
Chromium	52-2	2.43	2.55	2.18	2.39	7.75	ppb
Cobalt	59-2	1.72	1.62	1.76	1.70	4.20	ppb
Copper	63-2	1.04	1.02	1.11	1.06	4.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				86		%
Indium	115-1				89		%
Indium	115-2				68		%
Iron	56-2	1979.17	1945.54	1922.58	1949.10	1.46	ppb
Iron	57-2	1977.99	1901.78	1832.96	1904.24	3.81	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.11	0.15	0.13	12.43	ppb
Lead	207-1	0.13	0.12	0.10	0.12	13.36	ppb
Lead	208-1	0.13	0.12	0.13	0.13	4.34	ppb
Lithium	6-1				102		%
Magnesium	24-2	25625.52	25488.43	25135.08	25416.34	1.00	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0440-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:04:38	DataFile Name :	061SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	802.43	800.41	786.16	796.33	1.11	ppb
Molybdenum	94-1	1.08	1.10	1.35	1.18	12.67	ppb
Molybdenum	95-1	1.12	1.28	1.55	1.32	16.62	ppb
Molybdenum	96-1	1.19	1.17	1.46	1.28	12.76	ppb
Molybdenum	97-1	1.34	1.29	1.52	1.38	8.77	ppb
Molybdenum	98-1	1.24	1.29	1.57	1.37	13.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.85	3.35	3.61	3.60	6.99	ppb
Phosphorus	31-2	-8.51	-8.51	-8.51	-8.51		ppb
Potassium	39-2	5973.15	6049.91	5903.98	5975.68	1.22	ppb
Rhodium	103-1				86		%
Rhodium	103-2				74		%
Scandium	45-1				71		%
Scandium	45-2				51		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	3.46	1.89	1.34	183.01	ppb
Selenium	82-1	2.21	2.06	1.43	1.90	21.85	ppb
Silicon	28-1	9782.09	9832.67	10859.24	10158.00	5.98	ppb
Silver	109-1	0.05	0.05	0.06	0.05	11.10	ppb
Silver	107-1	0.06	0.05	0.05	0.05	9.19	ppb
Sodium	23-2	76082.59	74992.39	74054.94	75043.31	1.35	ppb
Strontium	86-1	1015.77	999.25	1114.71	1043.24	5.99	ppb
Strontium	88-1	1002.99	1005.98	1122.69	1043.89	6.54	ppb
Sulfur	34-1	42501.43	42415.49	49142.45	44686.46	8.64	ppb
Terbium	159-1				99		%
Terbium	159-2				85		%
Thallium	203-1	0.12	0.11	0.12	0.12	3.17	ppb
Thallium	205-1	0.12	0.12	0.13	0.12	6.43	ppb
Tin	118-1	2.47	2.54	2.83	2.62	7.31	ppb
Titanium	47-1	1.12	0.94	1.35	1.13	18.22	ppb
Uranium	238-1	2.87	2.91	3.26	3.01	7.16	ppb
Vanadium	51-2	1.65	1.43	1.39	1.49	9.18	ppb
Yttrium	89-1				85		%
Yttrium	89-2				62		%
Zinc	66-2	5.04	3.91	4.74	4.56	12.84	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0440-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:04:38	DataFile Name :	061SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.09	0.13	0.11	17.02	ppb
Zirconium	91-1	0.16	0.09	0.20	0.15	37.61	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-05	Instrumnet Name :	P8
Client Sample ID :	LF012RW164-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:08:00	DataFile Name :	062SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.52	9.65	-1.26	13.30	125.50	ppb
Antimony	121-1	1.02	1.06	1.07	1.05	2.37	ppb
Arsenic	75-2	1.98	1.66	1.89	1.84	9.03	ppb
Barium	135-1	106.23	106.56	105.84	106.21	0.34	ppb
Barium	137-1	105.73	106.94	105.83	106.17	0.63	ppb
Beryllium	9-1	0.13	0.16	0.16	0.15	13.35	ppb
Bismuth	209-1				113		%
Bismuth	209-2				88		%
Boron	10-1	282.46	295.15	305.67	294.43	3.95	ppb
Boron	11-1	285.06	292.68	296.82	291.52	2.05	ppb
Cadmium	111-1	-0.10	0.04	-0.07	-0.05		ppb
Cadmium	106-1	-1.83	-0.10	-1.31	-1.08		ppb
Cadmium	108-1	0.05	0.01	0.05	0.04	61.21	ppb
Calcium	43-1	176188.94	171562.93	173794.56	173848.81	1.33	ppb
Calcium	44-1	174638.16	170141.51	171717.40	172165.69	1.33	ppb
Chromium	52-2	0.35	0.69	0.66	0.57	32.86	ppb
Cobalt	59-2	0.67	0.74	0.78	0.73	7.84	ppb
Copper	63-2	2.07	2.10	2.16	2.11	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				86		%
Indium	115-1				94		%
Indium	115-2				68		%
Iron	56-2	511.21	509.75	514.68	511.88	0.50	ppb
Iron	57-2	510.78	514.03	505.21	510.01	0.87	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.27	0.28	0.26	13.37	ppb
Lead	207-1	0.22	0.27	0.26	0.25	11.35	ppb
Lead	208-1	0.22	0.26	0.27	0.25	9.84	ppb
Lithium	6-1				104		%
Magnesium	24-2	26272.03	26000.31	26123.34	26131.90	0.52	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-05	Instrumnet Name :	P8
Client Sample ID :	LF012RW164-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:08:00	DataFile Name :	062SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	259.89	250.49	254.13	254.84	1.86	ppb
Molybdenum	94-1	0.59	0.64	0.61	0.61	4.24	ppb
Molybdenum	95-1	0.62	0.65	0.69	0.65	5.86	ppb
Molybdenum	96-1	0.66	0.66	0.64	0.65	1.66	ppb
Molybdenum	97-1	0.68	0.76	0.71	0.72	5.07	ppb
Molybdenum	98-1	0.72	0.69	0.68	0.70	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	1.85	2.34	2.20	14.17	ppb
Phosphorus	31-2	-8.51	-8.51	-8.51	-8.51		ppb
Potassium	39-2	6326.15	6162.30	6129.83	6206.09	1.70	ppb
Rhodium	103-1				90		%
Rhodium	103-2				75		%
Scandium	45-1				74		%
Scandium	45-2				51		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	0.28	-1.34	-0.80		ppb
Selenium	82-1	1.20	1.82	1.82	1.61	22.27	ppb
Silicon	28-1	10557.56	10349.31	10343.24	10416.70	1.17	ppb
Silver	109-1	0.04	0.04	0.04	0.04	3.64	ppb
Silver	107-1	0.05	0.05	0.06	0.05	8.94	ppb
Sodium	23-2	69593.98	69052.63	69487.47	69378.03	0.41	ppb
Strontium	86-1	1040.91	1046.76	1040.93	1042.87	0.32	ppb
Strontium	88-1	1042.37	1041.63	1035.40	1039.80	0.37	ppb
Sulfur	34-1	38976.93	37790.97	38619.21	38462.37	1.58	ppb
Terbium	159-1				104		%
Terbium	159-2				86		%
Thallium	203-1	0.03	0.04	0.07	0.05	46.04	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	6.29	ppb
Tin	118-1	2.13	2.03	2.03	2.06	2.85	ppb
Titanium	47-1	0.92	0.93	0.81	0.89	7.66	ppb
Uranium	238-1	3.12	3.16	3.17	3.15	0.82	ppb
Vanadium	51-2	0.31	0.40	0.19	0.30	34.97	ppb
Yttrium	89-1				89		%
Yttrium	89-2				62		%
Zinc	66-2	37.40	40.50	38.12	38.67	4.19	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-05	Instrumnet Name :	P8
Client Sample ID :	LF012RW164-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:08:00	DataFile Name :	062SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.05	0.06	13.15	ppb
Zirconium	91-1	0.10	0.10	0.08	0.09	14.96	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-06	Instrumnet Name :	P8
Client Sample ID :	LF012MW031-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:11:23	DataFile Name :	063SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.62	10.09	6.15	11.29	51.63	ppb
Antimony	121-1	0.96	1.09	1.10	1.05	7.54	ppb
Arsenic	75-2	7.59	7.82	7.20	7.53	4.15	ppb
Barium	135-1	144.02	144.25	145.07	144.45	0.38	ppb
Barium	137-1	145.81	143.60	147.07	145.49	1.21	ppb
Beryllium	9-1	0.10	0.10	0.13	0.11	14.44	ppb
Bismuth	209-1				110		%
Bismuth	209-2				86		%
Boron	10-1	302.50	314.86	320.28	312.55	2.92	ppb
Boron	11-1	304.05	308.17	317.79	310.01	2.27	ppb
Cadmium	111-1	-0.01	-0.04	-0.01	-0.02		ppb
Cadmium	106-1	-0.98	-1.23	-0.71	-0.97		ppb
Cadmium	108-1	0.01	0.05	0.01	0.03	88.33	ppb
Calcium	43-1	173359.17	173502.52	172201.84	173021.17	0.41	ppb
Calcium	44-1	173963.09	172576.59	171356.56	172632.08	0.76	ppb
Chromium	52-2	3.20	2.90	2.93	3.01	5.45	ppb
Cobalt	59-2	1.80	1.58	1.85	1.74	8.26	ppb
Copper	63-2	0.97	0.87	1.00	0.94	7.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				85		%
Indium	115-1				92		%
Indium	115-2				66		%
Iron	56-2	4487.78	4452.20	4355.86	4431.95	1.54	ppb
Iron	57-2	4366.86	4292.45	4234.08	4297.80	1.55	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.12	0.11	7.47	ppb
Lead	207-1	0.13	0.12	0.12	0.12	7.32	ppb
Lead	208-1	0.10	0.11	0.11	0.11	5.03	ppb
Lithium	6-1				100		%
Magnesium	24-2	25191.06	25004.01	24664.68	24953.25	1.07	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-06	Instrumnet Name :	P8
Client Sample ID :	LF012MW031-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:11:23	DataFile Name :	063SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	917.59	901.74	885.95	901.76	1.75	ppb
Molybdenum	94-1	1.09	0.91	1.08	1.02	9.99	ppb
Molybdenum	95-1	1.12	1.20	1.12	1.15	4.45	ppb
Molybdenum	96-1	1.09	1.19	1.12	1.14	4.36	ppb
Molybdenum	97-1	1.22	1.36	0.99	1.19	15.76	ppb
Molybdenum	98-1	1.13	1.16	1.12	1.14	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.72	3.44	3.30	3.15	12.10	ppb
Phosphorus	31-2	42.03	-8.51	41.06	24.86	116.26	ppb
Potassium	39-2	3672.46	3681.92	3446.83	3600.40	3.70	ppb
Rhodium	103-1				87		%
Rhodium	103-2				73		%
Scandium	45-1				72		%
Scandium	45-2				49		%
Selenium	77-2	19.75	0.00	0.00	6.58	173.21	ppb
Selenium	78-2	0.31	0.33	0.32	0.32	2.81	ppb
Selenium	82-1	1.69	0.73	1.11	1.18	40.85	ppb
Silicon	28-1	9846.40	9744.42	9709.18	9766.66	0.73	ppb
Silver	109-1	0.03	0.04	0.05	0.04	21.88	ppb
Silver	107-1	0.04	0.05	0.05	0.05	8.81	ppb
Sodium	23-2	79215.26	78637.08	76333.60	78061.98	1.95	ppb
Strontium	86-1	942.97	912.48	900.09	918.51	2.40	ppb
Strontium	88-1	946.64	939.54	921.07	935.75	1.41	ppb
Sulfur	34-1	41419.22	40165.51	39986.97	40523.90	1.93	ppb
Terbium	159-1				101		%
Terbium	159-2				84		%
Thallium	203-1	0.03	0.06	0.05	0.05	25.82	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	7.87	ppb
Tin	118-1	1.88	1.81	1.93	1.87	3.24	ppb
Titanium	47-1	0.66	0.63	1.12	0.80	33.88	ppb
Uranium	238-1	2.41	2.45	2.41	2.42	1.10	ppb
Vanadium	51-2	0.81	0.76	0.82	0.80	3.76	ppb
Yttrium	89-1				87		%
Yttrium	89-2				61		%
Zinc	66-2	3.00	3.37	3.11	3.16	5.89	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-06	Instrumnet Name :	P8
Client Sample ID :	LF012MW031-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:11:23	DataFile Name :	063SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.10	0.09	0.10	6.22	ppb
Zirconium	91-1	0.07	0.14	0.13	0.11	33.70	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-07	Instrumnet Name :	P8
Client Sample ID :	LF012MW033-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:14:46	DataFile Name :	064SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.01	2.69	10.50	5.40	81.85	ppb
Antimony	121-1	0.88	0.95	0.92	0.92	4.02	ppb
Arsenic	75-2	25.59	24.23	23.72	24.51	3.95	ppb
Barium	135-1	324.80	349.01	330.32	334.71	3.79	ppb
Barium	137-1	329.77	349.16	331.15	336.69	3.21	ppb
Beryllium	9-1	0.09	0.15	0.14	0.13	25.42	ppb
Bismuth	209-1				108		%
Bismuth	209-2				85		%
Boron	10-1	240.34	254.64	246.10	247.03	2.91	ppb
Boron	11-1	232.91	245.70	239.63	239.41	2.67	ppb
Cadmium	111-1	-0.07	0.03	-0.02	-0.02		ppb
Cadmium	106-1	-1.26	-0.22	-0.66	-0.71		ppb
Cadmium	108-1	0.05	0.06	-0.03	0.03	171.87	ppb
Calcium	43-1	165896.65	177575.12	171324.96	171598.91	3.41	ppb
Calcium	44-1	166511.45	178213.73	170373.57	171699.58	3.47	ppb
Chromium	52-2	0.61	0.65	0.69	0.65	6.56	ppb
Cobalt	59-2	0.43	0.42	0.52	0.46	12.27	ppb
Copper	63-2	0.77	0.66	0.73	0.72	7.88	ppb
Dysprosium	156-1						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				84		%
Indium	115-1				89		%
Indium	115-2				64		%
Iron	56-2	14674.91	14074.93	14150.31	14300.05	2.29	ppb
Iron	57-2	13758.70	13655.90	13485.56	13633.39	1.01	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.23	0.21	0.21	11.43	ppb
Lead	207-1	0.19	0.22	0.18	0.20	9.57	ppb
Lead	208-1	0.19	0.22	0.20	0.20	8.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	21405.19	20262.94	20749.28	20805.80	2.76	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-07	Instrumnet Name :	P8
Client Sample ID :	LF012MW033-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:14:46	DataFile Name :	064SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1043.76	1014.24	1017.74	1025.25	1.57	ppb
Molybdenum	94-1	0.94	1.02	1.08	1.01	7.04	ppb
Molybdenum	95-1	1.14	1.13	1.31	1.20	8.66	ppb
Molybdenum	96-1	1.19	1.22	1.37	1.26	7.73	ppb
Molybdenum	97-1	1.15	1.37	1.48	1.33	12.70	ppb
Molybdenum	98-1	1.28	1.38	1.34	1.33	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.34	0.51	0.47	24.00	ppb
Phosphorus	31-2	44.69	42.52	43.31	43.51	2.53	ppb
Potassium	39-2	6631.86	6440.72	6457.68	6510.09	1.63	ppb
Rhodium	103-1				85		%
Rhodium	103-2				71		%
Scandium	45-1				70		%
Scandium	45-2				48		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	-1.34	-1.34	-1.34		ppb
Selenium	82-1	1.56	0.61	2.14	1.43	53.90	ppb
Silicon	28-1	9492.22	10142.22	9665.75	9766.73	3.45	ppb
Silver	109-1	0.06	0.05	0.04	0.05	13.47	ppb
Silver	107-1	0.04	0.04	0.04	0.04	9.41	ppb
Sodium	23-2	50732.73	48165.48	48161.20	49019.80	3.03	ppb
Strontium	86-1	740.50	782.54	745.05	756.03	3.05	ppb
Strontium	88-1	763.70	796.93	769.13	776.59	2.30	ppb
Sulfur	34-1	32485.75	36080.58	33674.05	34080.13	5.37	ppb
Terbium	159-1				99		%
Terbium	159-2				83		%
Thallium	203-1	0.03	0.02	0.02	0.02	29.80	ppb
Thallium	205-1	0.02	0.04	0.03	0.03	26.01	ppb
Tin	118-1	1.62	1.82	1.85	1.76	7.11	ppb
Titanium	47-1	0.69	1.00	0.86	0.85	18.52	ppb
Uranium	238-1	0.20	0.21	0.22	0.21	5.00	ppb
Vanadium	51-2	0.21	0.29	0.26	0.26	15.64	ppb
Yttrium	89-1				83		%
Yttrium	89-2				59		%
Zinc	66-2	3.58	2.97	3.91	3.49	13.65	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-07	Instrumnet Name :	P8
Client Sample ID :	LF012MW033-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:14:46	DataFile Name :	064SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.12	0.08	0.10	20.55	ppb
Zirconium	91-1	0.05	0.14	0.10	0.10	47.15	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-08	Instrumnet Name :	P8
Client Sample ID :	SS032MW001-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:18:08	DataFile Name :	065SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.84	-4.89	-1.02	-1.02		ppb
Antimony	121-1	1.00	1.06	1.09	1.05	4.51	ppb
Arsenic	75-2	0.49	0.57	0.30	0.45	30.94	ppb
Barium	135-1	112.85	114.18	114.07	113.70	0.65	ppb
Barium	137-1	116.40	115.06	116.61	116.02	0.73	ppb
Beryllium	9-1	0.13	0.18	0.12	0.14	21.17	ppb
Bismuth	209-1				108		%
Bismuth	209-2				84		%
Boron	10-1	234.22	252.16	243.80	243.40	3.69	ppb
Boron	11-1	237.24	242.02	242.80	240.69	1.25	ppb
Cadmium	111-1	-0.06	-0.06	-0.06	-0.06		ppb
Cadmium	106-1	-1.03	-1.38	-1.10	-1.17		ppb
Cadmium	108-1	0.10	0.02	-0.03	0.03	219.58	ppb
Calcium	43-1	123582.28	122449.75	122552.25	122861.43	0.51	ppb
Calcium	44-1	125639.12	124329.65	123999.47	124656.08	0.70	ppb
Chromium	52-2	1.17	1.15	1.31	1.21	7.02	ppb
Cobalt	59-2	0.05	0.07	0.03	0.05	35.74	ppb
Copper	63-2	0.86	0.91	0.79	0.85	7.54	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				99		%
Holmium	165-2				82		%
Indium	115-1				89		%
Indium	115-2				63		%
Iron	56-2	24.58	26.89	25.43	25.63	4.56	ppb
Iron	57-2	23.22	22.04	23.25	22.84	3.04	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.16	0.16	0.15	7.72	ppb
Lead	207-1	0.13	0.18	0.14	0.15	16.93	ppb
Lead	208-1	0.14	0.15	0.15	0.15	3.39	ppb
Lithium	6-1				97		%
Magnesium	24-2	26278.08	27041.16	25881.88	26400.37	2.23	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-08	Instrumnet Name :	P8
Client Sample ID :	SS032MW001-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:18:08	DataFile Name :	065SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.02	1.22	1.21	1.15	10.09	ppb
Molybdenum	94-1	0.62	0.85	0.84	0.77	17.12	ppb
Molybdenum	95-1	0.79	0.92	0.84	0.85	8.09	ppb
Molybdenum	96-1	0.89	0.90	0.93	0.91	1.87	ppb
Molybdenum	97-1	0.88	0.97	0.94	0.93	5.09	ppb
Molybdenum	98-1	0.88	0.94	1.07	0.96	9.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	-0.06	0.26	0.16	118.94	ppb
Phosphorus	31-2	-8.51	45.66	95.85	44.33	117.73	ppb
Potassium	39-2	1339.19	1495.32	1380.54	1405.01	5.76	ppb
Rhodium	103-1				85		%
Rhodium	103-2				70		%
Scandium	45-1				69		%
Scandium	45-2				47		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	3.85	5.62	-1.34	2.71	133.55	ppb
Selenium	82-1	3.19	3.36	3.35	3.30	2.87	ppb
Silicon	28-1	8553.57	8555.22	8576.12	8561.64	0.15	ppb
Silver	109-1	0.04	0.03	0.05	0.04	24.87	ppb
Silver	107-1	0.03	0.05	0.04	0.04	15.27	ppb
Sodium	23-2	34956.83	36194.46	34620.78	35257.36	2.35	ppb
Strontium	86-1	833.86	845.41	855.75	845.01	1.30	ppb
Strontium	88-1	865.67	877.48	876.52	873.22	0.75	ppb
Sulfur	34-1	21512.01	20639.35	21326.18	21159.18	2.17	ppb
Terbium	159-1				98		%
Terbium	159-2				81		%
Thallium	203-1	0.02	0.03	0.01	0.02	46.63	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	13.78	ppb
Tin	118-1	1.65	1.80	1.77	1.74	4.50	ppb
Titanium	47-1	0.80	0.84	0.85	0.83	3.22	ppb
Uranium	238-1	3.97	4.07	4.12	4.05	1.79	ppb
Vanadium	51-2	1.77	1.27	1.38	1.47	17.81	ppb
Yttrium	89-1				83		%
Yttrium	89-2				58		%
Zinc	66-2	3.94	4.18	3.56	3.89	8.05	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-08	Instrumnet Name :	P8
Client Sample ID :	SS032MW001-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:18:08	DataFile Name :	065SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.08	0.09	0.07	35.22	ppb
Zirconium	91-1	0.06	0.07	0.09	0.07	17.91	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:25:20	DataFile Name :	066CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48187.54	48721.58	48782.48	48563.87	0.67	ppb
Antimony	121-1	449.70	454.63	445.16	449.83	1.05	ppb
Arsenic	75-2	482.80	485.17	478.36	482.11	0.72	ppb
Barium	135-1	2383.61	2392.21	2387.76	2387.86	0.18	ppb
Barium	137-1	2367.76	2396.27	2377.48	2380.51	0.61	ppb
Beryllium	9-1	496.77	494.24	494.46	495.15	0.28	ppb
Bismuth	209-1				112		%
Bismuth	209-2				91		%
Boron	10-1	490.91	505.74	520.78	505.81	2.95	ppb
Boron	11-1	485.62	489.97	500.52	492.03	1.56	ppb
Cadmium	111-1	484.47	487.62	484.37	485.49	0.38	ppb
Cadmium	106-1	475.59	470.71	485.47	477.26	1.58	ppb
Cadmium	108-1	485.98	475.97	484.25	482.07	1.11	ppb
Calcium	43-1	234468.40	236743.09	238719.72	236643.74	0.90	ppb
Calcium	44-1	236738.90	236392.76	234329.66	235820.44	0.55	ppb
Chromium	52-2	525.89	529.75	533.02	529.55	0.67	ppb
Cobalt	59-2	522.23	533.05	530.51	528.59	1.07	ppb
Copper	63-2	1036.72	1049.26	1055.66	1047.21	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				107		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				77		%
Iron	56-2	128338.53	129764.56	131202.47	129768.52	1.10	ppb
Iron	57-2	124119.86	126165.75	125926.26	125403.95	0.89	ppb
Krypton	83-1						cps
Lead	206-1	498.66	497.76	502.09	499.50	0.46	ppb
Lead	207-1	504.09	495.88	495.95	498.64	0.95	ppb
Lead	208-1	504.37	497.75	499.30	500.48	0.69	ppb
Lithium	6-1				86		%
Magnesium	24-2	254259.39	255690.66	256787.14	255579.06	0.50	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:25:20	DataFile Name :	066CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.79	999.49	1021.15	1004.47	1.48	ppb
Molybdenum	94-1	2507.02	2469.32	2485.84	2487.39	0.76	ppb
Molybdenum	95-1	2496.39	2458.30	2469.62	2474.77	0.79	ppb
Molybdenum	96-1	2468.98	2495.62	2459.92	2474.84	0.75	ppb
Molybdenum	97-1	2516.22	2488.36	2511.98	2505.52	0.60	ppb
Molybdenum	98-1	2493.46	2486.27	2482.15	2487.29	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	530.83	541.08	539.94	537.28	1.05	ppb
Phosphorus	31-2	9420.24	9398.03	9643.81	9487.36	1.43	ppb
Potassium	39-2	113867.49	116413.17	117613.00	115964.55	1.65	ppb
Rhodium	103-1				94		%
Rhodium	103-2				82		%
Scandium	45-1				87		%
Scandium	45-2				66		%
Selenium	77-2	419.19	413.18	434.65	422.34	2.62	ppb
Selenium	78-2	477.64	479.84	486.50	481.33	0.96	ppb
Selenium	82-1	469.52	468.09	472.22	469.94	0.45	ppb
Silicon	28-1	500.55	508.74	500.64	503.31	0.94	ppb
Silver	109-1	460.93	464.14	453.45	459.50	1.19	ppb
Silver	107-1	453.62	456.38	451.21	453.73	0.57	ppb
Sodium	23-2	252961.19	252779.61	254308.66	253349.82	0.33	ppb
Strontium	86-1	485.31	483.45	483.78	484.18	0.21	ppb
Strontium	88-1	502.56	499.48	497.34	499.79	0.52	ppb
Sulfur	34-1	8891.86	8854.19	8539.08	8761.71	2.21	ppb
Terbium	159-1				107		%
Terbium	159-2				93		%
Thallium	203-1	495.01	498.30	500.48	497.93	0.55	ppb
Thallium	205-1	497.22	496.57	497.48	497.09	0.09	ppb
Tin	118-1	480.49	479.58	474.43	478.17	0.68	ppb
Titanium	47-1	2416.41	2443.68	2428.94	2429.68	0.56	ppb
Uranium	238-1	525.85	518.14	513.17	519.05	1.23	ppb
Vanadium	51-2	517.94	517.25	519.48	518.22	0.22	ppb
Yttrium	89-1				97		%
Yttrium	89-2				76		%
Zinc	66-2	1012.14	1019.34	1020.76	1017.41	0.45	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:25:20	DataFile Name :	066CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	495.90	487.25	492.05	491.73	0.88	ppb
Zirconium	91-1	474.48	471.27	472.53	472.76	0.34	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:32:05	DataFile Name :	067CCBE_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.89	1.07	-4.89	-2.90		ppb
Antimony	121-1	0.32	0.43	0.49	0.41	20.39	ppb
Arsenic	75-2	0.16	0.19	0.17	0.17	9.29	ppb
Barium	135-1	0.00	0.03	0.00	0.01	212.97	ppb
Barium	137-1	0.02	0.01	0.01	0.01	48.85	ppb
Beryllium	9-1	0.30	0.26	0.18	0.25	23.68	ppb
Bismuth	209-1				116		%
Bismuth	209-2				95		%
Boron	10-1	18.91	16.29	18.96	18.05	8.45	ppb
Boron	11-1	18.76	18.44	18.05	18.42	1.91	ppb
Cadmium	111-1	-0.09	-0.04	-0.03	-0.05		ppb
Cadmium	106-1	-1.66	-1.20	-0.61	-1.16		ppb
Cadmium	108-1	0.05	0.13	0.09	0.09	44.33	ppb
Calcium	43-1	-13.79	-20.73	-23.62	-19.38		ppb
Calcium	44-1	3.63	5.52	5.54	4.90	22.42	ppb
Chromium	52-2	0.03	0.10	0.08	0.07	51.55	ppb
Cobalt	59-2	0.00	0.00	-0.01	-0.01		ppb
Copper	63-2	0.04	0.06	0.11	0.07	48.15	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				92		%
Indium	115-1				99		%
Indium	115-2				77		%
Iron	56-2	3.31	3.47	3.87	3.55	8.03	ppb
Iron	57-2	0.10	0.89	2.03	1.01	96.20	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	16.90	ppb
Lead	207-1	0.01	0.02	0.02	0.02	29.83	ppb
Lead	208-1	0.01	0.01	0.02	0.02	15.58	ppb
Lithium	6-1				92		%
Magnesium	24-2	13.16	3.87	12.36	9.80	52.52	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:32:05	DataFile Name :	067CCBE_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	0.17	0.27	0.18	45.58	ppb
Molybdenum	94-1	0.43	0.51	0.64	0.53	20.54	ppb
Molybdenum	95-1	0.38	0.57	0.82	0.59	36.64	ppb
Molybdenum	96-1	0.43	0.57	0.74	0.58	27.25	ppb
Molybdenum	97-1	0.46	0.66	0.86	0.66	29.90	ppb
Molybdenum	98-1	0.50	0.60	0.82	0.64	25.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.04	-0.82	-1.03	-0.97		ppb
Phosphorus	31-2	-8.51	31.65	33.62	18.92	125.65	ppb
Potassium	39-2	-11.60	12.31	-16.92	-5.40		ppb
Rhodium	103-1				98		%
Rhodium	103-2				83		%
Scandium	45-1				83		%
Scandium	45-2				60		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	0.05	-1.34	-0.88		ppb
Selenium	82-1	-0.02	0.98	0.90	0.62	90.25	ppb
Silicon	28-1	-45.70	-47.87	-44.27	-45.94		ppb
Silver	109-1	0.03	0.02	0.02	0.02	18.24	ppb
Silver	107-1	0.03	0.03	0.03	0.03	13.55	ppb
Sodium	23-2	37.22	57.70	55.32	50.08	22.37	ppb
Strontium	86-1	-0.04	-0.02	-0.11	-0.06		ppb
Strontium	88-1	0.01	0.02	0.02	0.02	27.34	ppb
Sulfur	34-1	-1026.75	-1183.80	-812.14	-1007.56		ppb
Terbium	159-1				106		%
Terbium	159-2				91		%
Thallium	203-1	0.08	0.06	0.07	0.07	8.82	ppb
Thallium	205-1	0.07	0.05	0.06	0.06	11.45	ppb
Tin	118-1	0.14	0.14	0.17	0.15	10.36	ppb
Titanium	47-1	0.02	0.00	-0.03	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	20.45	ppb
Vanadium	51-2	-0.02	-0.01	0.00	-0.01		ppb
Yttrium	89-1				94		%
Yttrium	89-2				71		%
Zinc	66-2	0.12	-0.13	-0.11	-0.04		ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:32:05	DataFile Name :	067CCBE_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.03	0.05	27.78	ppb
Zirconium	91-1	0.03	0.05	0.07	0.05	42.20	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-09 Instrumnet Name : P8
 Client Sample ID : LF028MW018-180411 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 18:35:28 DataFile Name : 068SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3040.83	3043.83	3026.73	3037.13	0.30	ppb
Antimony	121-1	2.72	3.02	3.16	2.97	7.55	ppb
Arsenic	75-2	7.27	6.93	6.95	7.05	2.72	ppb
Barium	135-1	176.66	180.54	180.08	179.10	1.18	ppb
Barium	137-1	179.09	182.51	180.22	180.61	0.97	ppb
Beryllium	9-1	0.50	0.41	0.50	0.47	10.56	ppb
Bismuth	209-1				114		%
Bismuth	209-2				87		%
Boron	10-1	51.52	57.94	52.84	54.10	6.26	ppb
Boron	11-1	50.25	52.37	50.84	51.15	2.14	ppb
Cadmium	111-1	0.62	0.49	0.49	0.53	14.43	ppb
Cadmium	106-1	0.66	0.04	0.44	0.38	82.67	ppb
Cadmium	108-1	0.67	0.68	0.63	0.66	3.78	ppb
Calcium	43-1	144121.62	146161.05	146081.61	145454.76	0.79	ppb
Calcium	44-1	142325.78	145188.97	144078.35	143864.37	1.00	ppb
Chromium	52-2	1598.19	1551.59	1597.90	1582.56	1.69	ppb
Cobalt	59-2	9.39	9.43	9.66	9.49	1.51	ppb
Copper	63-2	101.50	98.00	101.42	100.31	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				84		%
Indium	115-1				90		%
Indium	115-2				64		%
Iron	56-2	6026.30	5864.65	6000.48	5963.81	1.46	ppb
Iron	57-2	6103.05	5605.07	5825.08	5844.40	4.27	ppb
Krypton	83-1						cps
Lead	206-1	10.01	9.93	9.99	9.97	0.38	ppb
Lead	207-1	8.79	9.05	8.85	8.90	1.53	ppb
Lead	208-1	9.31	9.39	9.38	9.36	0.48	ppb
Lithium	6-1				104		%
Magnesium	24-2	6858.72	6719.77	6810.38	6796.29	1.04	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-09	Instrumnet Name :	P8
Client Sample ID :	LF028MW018-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:35:28	DataFile Name :	068SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	108.90	103.13	107.80	106.61	2.88	ppb
Molybdenum	94-1	5.84	5.27	6.10	5.74	7.42	ppb
Molybdenum	95-1	5.12	5.47	5.46	5.35	3.64	ppb
Molybdenum	96-1	5.05	5.32	5.40	5.26	3.46	ppb
Molybdenum	97-1	5.22	5.31	5.18	5.24	1.28	ppb
Molybdenum	98-1	5.43	5.30	5.47	5.40	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.10	123.16	122.45	122.90	0.32	ppb
Phosphorus	31-2	453.66	543.80	555.88	517.78	10.79	ppb
Potassium	39-2	4103.00	4053.86	4047.75	4068.20	0.74	ppb
Rhodium	103-1				86		%
Rhodium	103-2				71		%
Scandium	45-1				71		%
Scandium	45-2				49		%
Selenium	77-2	10.09	20.33	20.28	16.90	34.89	ppb
Selenium	78-2	2.04	5.46	2.05	3.18	62.07	ppb
Selenium	82-1	1.19	1.35	1.00	1.18	14.85	ppb
Silicon	28-1	11128.59	11333.33	11087.73	11183.22	1.18	ppb
Silver	109-1	0.29	0.29	0.29	0.29	0.80	ppb
Silver	107-1	0.28	0.30	0.27	0.28	5.97	ppb
Sodium	23-2	1819.91	1721.47	1750.91	1764.10	2.86	ppb
Strontium	86-1	340.95	343.79	345.93	343.56	0.73	ppb
Strontium	88-1	352.24	357.72	357.36	355.77	0.86	ppb
Sulfur	34-1	176.18	11.64	-14.95	57.62	179.66	ppb
Terbium	159-1				101		%
Terbium	159-2				83		%
Thallium	203-1	0.23	0.20	0.17	0.20	14.06	ppb
Thallium	205-1	0.26	0.23	0.17	0.22	20.39	ppb
Tin	118-1	3.37	3.44	3.60	3.47	3.35	ppb
Titanium	47-1	34.18	33.29	33.52	33.66	1.37	ppb
Uranium	238-1	3.16	3.27	3.22	3.21	1.67	ppb
Vanadium	51-2	17.59	17.11	16.71	17.13	2.57	ppb
Yttrium	89-1				85		%
Yttrium	89-2				59		%
Zinc	66-2	432.49	430.01	440.12	434.20	1.21	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-09	Instrumnet Name :	P8
Client Sample ID :	LF028MW018-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:35:28	DataFile Name :	068SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.17	1.07	1.04	1.09	6.26	ppb
Zirconium	91-1	1.15	1.17	1.03	1.11	6.34	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-11 Instrumnet Name : P8
 Client Sample ID : LF012MW008-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 18:38:52 DataFile Name : 069SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.82	9.76	17.34	19.97	58.84	ppb
Antimony	121-1	1.43	1.56	1.66	1.55	7.38	ppb
Arsenic	75-2	1.28	1.37	1.68	1.44	14.42	ppb
Barium	135-1	151.38	148.59	149.96	149.98	0.93	ppb
Barium	137-1	151.62	151.01	152.11	151.58	0.36	ppb
Beryllium	9-1	0.12	0.09	0.14	0.12	22.02	ppb
Bismuth	209-1				108		%
Bismuth	209-2				84		%
Boron	10-1	331.53	343.50	335.25	336.76	1.82	ppb
Boron	11-1	330.82	331.80	337.94	333.52	1.16	ppb
Cadmium	111-1	-0.05	-0.08	0.01	-0.04		ppb
Cadmium	106-1	-1.44	-1.67	-0.56	-1.22		ppb
Cadmium	108-1	0.01	0.01	-0.03	0.00		ppb
Calcium	43-1	229058.99	228003.77	227887.79	228316.85	0.28	ppb
Calcium	44-1	228691.62	227320.42	228867.36	228293.13	0.37	ppb
Chromium	52-2	3.45	3.48	3.41	3.44	0.94	ppb
Cobalt	59-2	0.75	0.64	0.72	0.71	8.46	ppb
Copper	63-2	2.36	2.11	2.13	2.20	6.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				84		%
Indium	115-1				91		%
Indium	115-2				65		%
Iron	56-2	262.70	248.93	248.59	253.41	3.18	ppb
Iron	57-2	254.46	277.22	268.83	266.84	4.31	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.89	0.88	0.88	0.86	ppb
Lead	207-1	0.76	0.73	0.84	0.78	7.11	ppb
Lead	208-1	0.80	0.83	0.83	0.82	1.66	ppb
Lithium	6-1				100		%
Magnesium	24-2	44625.91	42738.41	43355.35	43573.22	2.21	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-11	Instrumnet Name :	P8
Client Sample ID :	LF012MW008-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:38:52	DataFile Name :	069SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.64	27.33	27.00	27.32	1.16	ppb
Molybdenum	94-1	1.22	1.31	1.21	1.25	4.65	ppb
Molybdenum	95-1	1.04	1.20	1.17	1.14	7.53	ppb
Molybdenum	96-1	1.13	1.08	1.29	1.17	9.42	ppb
Molybdenum	97-1	0.97	1.09	1.14	1.07	8.16	ppb
Molybdenum	98-1	1.17	1.18	1.26	1.20	3.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.58	29.28	31.39	30.08	3.80	ppb
Phosphorus	31-2	42.28	40.84	-8.51	24.87	116.27	ppb
Potassium	39-2	4960.03	4713.38	4673.54	4782.31	3.25	ppb
Rhodium	103-1				85		%
Rhodium	103-2				72		%
Scandium	45-1				72		%
Scandium	45-2				50		%
Selenium	77-2	10.15	0.00	0.00	3.38	173.21	ppb
Selenium	78-2	0.36	-1.34	0.33	-0.22		ppb
Selenium	82-1	2.50	2.05	3.34	2.63	24.86	ppb
Silicon	28-1	10076.93	9937.97	9975.17	9996.69	0.72	ppb
Silver	109-1	0.07	0.07	0.07	0.07	4.44	ppb
Silver	107-1	0.07	0.05	0.07	0.06	21.36	ppb
Sodium	23-2	104978.68	102654.74	103548.53	103727.32	1.13	ppb
Strontium	86-1	1357.62	1363.38	1369.85	1363.62	0.45	ppb
Strontium	88-1	1361.40	1365.93	1360.33	1362.55	0.22	ppb
Sulfur	34-1	58077.25	56601.41	57153.23	57277.30	1.30	ppb
Terbium	159-1				100		%
Terbium	159-2				83		%
Thallium	203-1	0.04	0.04	0.04	0.04	6.73	ppb
Thallium	205-1	0.05	0.05	0.04	0.04	10.36	ppb
Tin	118-1	1.82	1.95	1.89	1.89	3.27	ppb
Titanium	47-1	1.26	1.01	1.43	1.24	17.23	ppb
Uranium	238-1	4.29	4.34	4.20	4.28	1.61	ppb
Vanadium	51-2	0.32	0.39	0.24	0.32	24.05	ppb
Yttrium	89-1				85		%
Yttrium	89-2				60		%
Zinc	66-2	3.95	3.52	4.29	3.92	9.92	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-11	Instrumnet Name :	P8
Client Sample ID :	LF012MW008-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:38:52	DataFile Name :	069SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.29	0.27	0.28	0.28	3.00	ppb
Zirconium	91-1	0.24	0.26	0.33	0.28	15.80	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-12	Instrumnet Name :	P8
Client Sample ID :	LF012MW007-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:42:15	DataFile Name :	070SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.45	2.67	-4.89	1.41	409.99	ppb
Antimony	121-1	1.09	1.20	1.27	1.19	7.52	ppb
Arsenic	75-2	15.80	16.98	15.86	16.21	4.08	ppb
Barium	135-1	167.78	164.70	169.33	167.27	1.41	ppb
Barium	137-1	167.08	163.82	168.04	166.31	1.33	ppb
Beryllium	9-1	0.15	0.16	0.05	0.12	47.27	ppb
Bismuth	209-1				110		%
Bismuth	209-2				85		%
Boron	10-1	351.53	367.87	361.00	360.13	2.28	ppb
Boron	11-1	362.35	368.18	359.53	363.35	1.22	ppb
Cadmium	111-1	0.10	0.14	0.10	0.11	19.55	ppb
Cadmium	106-1	-0.96	-0.87	-1.59	-1.14		ppb
Cadmium	108-1	0.18	0.09	0.35	0.21	62.98	ppb
Calcium	43-1	145437.09	148133.23	145365.54	146311.95	1.08	ppb
Calcium	44-1	144918.68	146274.90	146202.04	145798.54	0.52	ppb
Chromium	52-2	0.57	0.63	0.79	0.66	17.32	ppb
Cobalt	59-2	0.13	0.16	0.16	0.15	11.23	ppb
Copper	63-2	0.58	0.62	0.65	0.62	6.00	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				84		%
Indium	115-1				91		%
Indium	115-2				64		%
Iron	56-2	11115.68	11141.44	10857.83	11038.32	1.42	ppb
Iron	57-2	10359.35	10480.93	10111.45	10317.24	1.83	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.11	0.11	6.35	ppb
Lead	207-1	0.11	0.10	0.13	0.11	11.77	ppb
Lead	208-1	0.11	0.11	0.12	0.11	6.27	ppb
Lithium	6-1				98		%
Magnesium	24-2	32019.08	32108.01	31608.68	31911.92	0.83	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-12	Instrumnet Name :	P8
Client Sample ID :	LF012MW007-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:42:15	DataFile Name :	070SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	899.15	901.91	885.28	895.44	1.00	ppb
Molybdenum	94-1	2.51	2.55	2.55	2.54	0.78	ppb
Molybdenum	95-1	2.88	3.02	3.04	2.98	3.05	ppb
Molybdenum	96-1	3.07	2.97	2.95	3.00	2.20	ppb
Molybdenum	97-1	3.00	3.08	3.19	3.09	3.11	ppb
Molybdenum	98-1	3.23	3.00	3.03	3.09	4.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.41	-0.22	-0.27	-0.30		ppb
Phosphorus	31-2	-8.51	42.39	92.45	42.11	119.88	ppb
Potassium	39-2	3881.47	3851.32	3838.02	3856.94	0.58	ppb
Rhodium	103-1				87		%
Rhodium	103-2				72		%
Scandium	45-1				72		%
Scandium	45-2				49		%
Selenium	77-2	0.00	0.00	10.17	3.39	173.21	ppb
Selenium	78-2	0.33	-1.34	0.36	-0.22		ppb
Selenium	82-1	1.76	1.30	0.63	1.23	46.00	ppb
Silicon	28-1	14141.33	14160.95	14143.66	14148.65	0.08	ppb
Silver	109-1	0.05	0.03	0.03	0.04	24.01	ppb
Silver	107-1	0.04	0.04	0.05	0.04	13.50	ppb
Sodium	23-2	102025.36	103594.16	100977.58	102199.03	1.29	ppb
Strontium	86-1	866.56	860.33	854.66	860.52	0.69	ppb
Strontium	88-1	888.98	882.41	885.11	885.50	0.37	ppb
Sulfur	34-1	40042.64	40143.04	39576.12	39920.60	0.76	ppb
Terbium	159-1				102		%
Terbium	159-2				83		%
Thallium	203-1	0.03	0.02	0.02	0.02	6.73	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	21.17	ppb
Tin	118-1	1.47	1.51	1.46	1.48	1.67	ppb
Titanium	47-1	0.70	1.00	0.96	0.89	18.64	ppb
Uranium	238-1	0.30	0.34	0.30	0.32	7.93	ppb
Vanadium	51-2	0.27	0.25	0.21	0.24	12.33	ppb
Yttrium	89-1				86		%
Yttrium	89-2				60		%
Zinc	66-2	4.02	3.77	3.49	3.76	7.10	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-12	Instrumnet Name :	P8
Client Sample ID :	LF012MW007-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:42:15	DataFile Name :	070SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.18	0.15	0.19	0.18	13.77	ppb
Zirconium	91-1	0.17	0.11	0.15	0.15	22.99	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-13	Instrumnet Name :	P8
Client Sample ID :	LF012MW029-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:45:37	DataFile Name :	071SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	128.62	192.49	147.11	156.07	21.06	ppb
Antimony	121-1	0.95	1.03	1.12	1.03	8.48	ppb
Arsenic	75-2	2.65	3.12	2.97	2.91	8.26	ppb
Barium	135-1	101.94	103.38	104.28	103.20	1.14	ppb
Barium	137-1	103.70	104.39	104.02	104.03	0.33	ppb
Beryllium	9-1	0.09	0.19	0.21	0.16	41.00	ppb
Bismuth	209-1				108		%
Bismuth	209-2				84		%
Boron	10-1	330.59	323.56	334.34	329.50	1.66	ppb
Boron	11-1	320.48	329.70	334.04	328.07	2.11	ppb
Cadmium	111-1	0.44	0.41	0.46	0.44	5.39	ppb
Cadmium	106-1	-0.67	-1.13	-0.99	-0.93		ppb
Cadmium	108-1	0.47	0.64	0.39	0.50	25.19	ppb
Calcium	43-1	112475.02	114127.22	114459.85	113687.36	0.94	ppb
Calcium	44-1	114384.43	116731.68	116281.78	115799.30	1.08	ppb
Chromium	52-2	4.52	4.64	4.51	4.56	1.66	ppb
Cobalt	59-2	0.28	0.33	0.25	0.29	13.87	ppb
Copper	63-2	6.21	6.69	6.30	6.40	3.99	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				100		%
Holmium	165-2				83		%
Indium	115-1				90		%
Indium	115-2				64		%
Iron	56-2	1795.08	1864.55	1788.75	1816.13	2.32	ppb
Iron	57-2	1735.81	1854.80	1721.60	1770.74	4.13	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.43	0.45	0.44	2.18	ppb
Lead	207-1	0.36	0.39	0.43	0.39	9.19	ppb
Lead	208-1	0.41	0.42	0.45	0.43	4.56	ppb
Lithium	6-1				95		%
Magnesium	24-2	22895.69	23611.03	22846.58	23117.77	1.85	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-13	Instrumnet Name :	P8
Client Sample ID :	LF012MW029-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:45:37	DataFile Name :	071SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	557.93	576.78	557.52	564.08	1.95	ppb
Molybdenum	94-1	2.35	2.16	2.08	2.19	6.23	ppb
Molybdenum	95-1	1.41	1.29	1.28	1.33	5.53	ppb
Molybdenum	96-1	1.38	1.44	1.41	1.41	2.07	ppb
Molybdenum	97-1	1.28	1.48	1.29	1.35	8.41	ppb
Molybdenum	98-1	1.34	1.38	1.45	1.39	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.69	2.28	2.06	2.35	13.64	ppb
Phosphorus	31-2	197.06	576.63	298.69	357.46	54.97	ppb
Potassium	39-2	6130.18	6518.01	6096.27	6248.15	3.75	ppb
Rhodium	103-1				86		%
Rhodium	103-2				71		%
Scandium	45-1				71		%
Scandium	45-2				48		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	-1.34	-1.34	-1.34		ppb
Selenium	82-1	0.11	2.20	1.88	1.40	80.38	ppb
Silicon	28-1	10857.21	11055.64	10928.46	10947.11	0.92	ppb
Silver	109-1	0.04	0.05	0.04	0.05	7.85	ppb
Silver	107-1	0.05	0.04	0.04	0.04	5.43	ppb
Sodium	23-2	102533.91	106669.90	102038.30	103747.37	2.45	ppb
Strontium	86-1	808.16	796.64	812.25	805.68	1.00	ppb
Strontium	88-1	832.77	824.15	830.16	829.02	0.53	ppb
Sulfur	34-1	43372.58	44472.04	43484.90	43776.51	1.38	ppb
Terbium	159-1				100		%
Terbium	159-2				81		%
Thallium	203-1	0.01	0.03	0.02	0.02	55.48	ppb
Thallium	205-1	0.03	0.02	0.04	0.03	25.40	ppb
Tin	118-1	1.34	1.39	1.50	1.41	5.63	ppb
Titanium	47-1	3.90	4.63	3.47	4.00	14.70	ppb
Uranium	238-1	0.73	0.74	0.79	0.75	4.60	ppb
Vanadium	51-2	5.09	4.98	4.86	4.98	2.25	ppb
Yttrium	89-1				85		%
Yttrium	89-2				59		%
Zinc	66-2	41.46	44.94	38.31	41.57	7.98	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-13	Instrumnet Name :	P8
Client Sample ID :	LF012MW029-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:45:37	DataFile Name :	071SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.74	0.79	0.79	0.77	4.09	ppb
Zirconium	91-1	0.75	0.82	0.77	0.78	5.26	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-14	Instrumnet Name :	P8
Client Sample ID :	LF012MW004-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:49:00	DataFile Name :	072SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.88	-0.92	-1.00	-0.93		ppb
Antimony	121-1	1.13	1.22	1.24	1.19	5.16	ppb
Arsenic	75-2	0.64	1.08	0.58	0.77	35.29	ppb
Barium	135-1	102.80	104.31	102.79	103.30	0.85	ppb
Barium	137-1	103.93	105.59	104.55	104.69	0.80	ppb
Beryllium	9-1	0.14	0.17	0.07	0.13	39.36	ppb
Bismuth	209-1				106		%
Bismuth	209-2				82		%
Boron	10-1	282.40	282.94	294.87	286.74	2.46	ppb
Boron	11-1	280.48	283.91	284.78	283.06	0.80	ppb
Cadmium	111-1	-0.07	-0.07	-0.02	-0.05		ppb
Cadmium	106-1	-1.38	-1.16	-0.78	-1.11		ppb
Cadmium	108-1	-0.03	-0.03	0.06	0.00	3216.83	ppb
Calcium	43-1	164034.11	164961.63	163368.57	164121.44	0.49	ppb
Calcium	44-1	161772.66	163503.12	162524.23	162600.01	0.53	ppb
Chromium	52-2	22.33	21.84	21.38	21.85	2.17	ppb
Cobalt	59-2	0.30	0.36	0.28	0.31	13.23	ppb
Copper	63-2	1.58	1.21	1.32	1.37	13.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				81		%
Indium	115-1				89		%
Indium	115-2				63		%
Iron	56-2	210.12	204.92	202.60	205.88	1.87	ppb
Iron	57-2	184.74	192.83	223.31	200.29	10.16	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.12	0.11	3.31	ppb
Lead	207-1	0.09	0.12	0.12	0.11	13.56	ppb
Lead	208-1	0.11	0.12	0.11	0.11	4.72	ppb
Lithium	6-1				93		%
Magnesium	24-2	25940.64	25845.35	24654.71	25480.23	2.81	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-14	Instrumnet Name :	P8
Client Sample ID :	LF012MW004-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:49:00	DataFile Name :	072SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.94	7.89	6.72	7.52	9.19	ppb
Molybdenum	94-1	0.81	0.90	0.80	0.84	6.74	ppb
Molybdenum	95-1	1.01	1.00	0.97	1.00	2.07	ppb
Molybdenum	96-1	0.83	1.02	1.05	0.97	12.21	ppb
Molybdenum	97-1	0.93	0.96	1.03	0.97	5.21	ppb
Molybdenum	98-1	1.08	1.02	1.10	1.06	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.97	10.35	9.83	10.05	2.70	ppb
Phosphorus	31-2	-8.51	44.99	96.51	44.33	118.46	ppb
Potassium	39-2	5727.58	5768.26	5418.55	5638.13	3.39	ppb
Rhodium	103-1				84		%
Rhodium	103-2				69		%
Scandium	45-1				69		%
Scandium	45-2				46		%
Selenium	77-2	10.35	0.00	10.65	7.00	86.63	ppb
Selenium	78-2	-1.34	-1.34	0.44	-0.75		ppb
Selenium	82-1	3.06	2.49	1.80	2.45	25.86	ppb
Silicon	28-1	10156.31	10221.08	10117.46	10164.95	0.51	ppb
Silver	109-1	0.04	0.04	0.05	0.04	13.86	ppb
Silver	107-1	0.04	0.05	0.04	0.04	13.59	ppb
Sodium	23-2	58481.70	57987.71	56930.02	57799.81	1.37	ppb
Strontium	86-1	870.86	875.01	880.22	875.37	0.54	ppb
Strontium	88-1	896.62	904.50	901.00	900.70	0.44	ppb
Sulfur	34-1	29584.86	30069.01	29369.97	29674.62	1.21	ppb
Terbium	159-1				98		%
Terbium	159-2				80		%
Thallium	203-1	0.02	0.03	0.03	0.03	10.22	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	19.05	ppb
Tin	118-1	1.25	1.28	1.26	1.26	0.89	ppb
Titanium	47-1	0.67	0.69	1.10	0.82	29.67	ppb
Uranium	238-1	3.17	3.28	3.26	3.24	1.87	ppb
Vanadium	51-2	0.83	0.66	0.64	0.71	14.95	ppb
Yttrium	89-1				83		%
Yttrium	89-2				57		%
Zinc	66-2	3.65	2.62	3.59	3.29	17.48	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-14	Instrumnet Name :	P8
Client Sample ID :	LF012MW004-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:49:00	DataFile Name :	072SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.08	0.08	7.33	ppb
Zirconium	91-1	0.11	0.06	0.08	0.08	32.20	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-01DLX2 Instrumnet Name : P8
 Client Sample ID : LF012RW035-180409DL Dilution Factor : 2
 Date & Time Acquired :: 2018-04-17 18:52:22 DataFile Name : 073SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.95	22.23	12.14	17.77	28.96	ppb
Antimony	121-1	0.72	0.63	0.63	0.66	7.94	ppb
Arsenic	75-2	1.35	1.06	0.91	1.11	20.24	ppb
Barium	135-1	67.03	65.69	66.10	66.27	1.03	ppb
Barium	137-1	67.18	65.82	66.63	66.54	1.03	ppb
Beryllium	9-1	0.12	0.11	0.09	0.11	11.99	ppb
Bismuth	209-1				117		%
Bismuth	209-2				92		%
Boron	10-1	88.03	86.12	94.29	89.48	4.78	ppb
Boron	11-1	88.24	89.97	89.81	89.34	1.07	ppb
Cadmium	111-1	-0.02	-0.04	-0.03	-0.03		ppb
Cadmium	106-1	-0.67	-1.25	-0.84	-0.92		ppb
Cadmium	108-1	0.01	0.09	0.05	0.05	81.87	ppb
Calcium	43-1	74036.15	74462.28	73910.18	74136.21	0.39	ppb
Calcium	44-1	75218.77	75233.73	75937.54	75463.34	0.54	ppb
Chromium	52-2	0.44	0.63	0.46	0.51	19.86	ppb
Cobalt	59-2	0.11	0.07	0.14	0.11	34.41	ppb
Copper	63-2	1.85	1.69	1.69	1.74	5.15	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				107		%
Holmium	165-2				89		%
Indium	115-1				98		%
Indium	115-2				71		%
Iron	56-2	25.32	27.22	28.38	26.97	5.72	ppb
Iron	57-2	22.84	31.37	22.85	25.69	19.15	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.10	0.11	0.11	9.70	ppb
Lead	207-1	0.09	0.09	0.10	0.09	5.31	ppb
Lead	208-1	0.10	0.10	0.10	0.10	2.26	ppb
Lithium	6-1				92		%
Magnesium	24-2	7024.97	6822.74	7000.58	6949.43	1.59	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-01DLX2 Instrumnet Name : P8
 Client Sample ID : LF012RW035-180409DL Dilution Factor : 2
 Date & Time Acquired :: 2018-04-17 18:52:22 DataFile Name : 073SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.47	15.64	14.93	15.35	2.43	ppb
Molybdenum	94-1	0.65	0.67	0.74	0.69	6.34	ppb
Molybdenum	95-1	0.77	0.73	0.84	0.78	7.60	ppb
Molybdenum	96-1	0.67	0.83	0.90	0.80	14.29	ppb
Molybdenum	97-1	0.93	0.79	0.94	0.88	9.56	ppb
Molybdenum	98-1	0.75	0.85	0.82	0.81	5.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.27	0.00	0.19	89.96	ppb
Phosphorus	31-2	37.35	-8.51	175.05	67.96	140.56	ppb
Potassium	39-2	5751.47	5726.25	5744.36	5740.70	0.23	ppb
Rhodium	103-1				94		%
Rhodium	103-2				79		%
Scandium	45-1				78		%
Scandium	45-2				54		%
Selenium	77-2	0.00	0.00	9.19	3.06	173.21	ppb
Selenium	78-2	1.71	-1.34	4.82	1.73	178.04	ppb
Selenium	82-1	0.69	1.20	1.91	1.27	47.97	ppb
Silicon	28-1	2626.94	2655.88	2623.83	2635.55	0.67	ppb
Silver	109-1	0.03	0.04	0.02	0.03	32.26	ppb
Silver	107-1	0.04	0.05	0.02	0.04	36.21	ppb
Sodium	23-2	13024.23	12957.73	13143.01	13041.65	0.72	ppb
Strontium	86-1	321.88	315.32	316.95	318.05	1.07	ppb
Strontium	88-1	330.84	332.52	329.37	330.91	0.48	ppb
Sulfur	34-1	16646.53	16646.64	16459.87	16584.34	0.65	ppb
Terbium	159-1				107		%
Terbium	159-2				88		%
Thallium	203-1	0.02	0.02	0.01	0.02	34.01	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.29	ppb
Tin	118-1	0.53	0.56	0.60	0.56	6.05	ppb
Titanium	47-1	0.46	0.56	0.38	0.47	19.27	ppb
Uranium	238-1	0.83	0.79	0.83	0.82	2.60	ppb
Vanadium	51-2	2.76	2.93	3.13	2.94	6.26	ppb
Yttrium	89-1				92		%
Yttrium	89-2				65		%
Zinc	66-2	7.93	11.06	9.83	9.61	16.44	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-01DLX2	Instrumnet Name :	P8
Client Sample ID :	LF012RW035-180409DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-17 18:52:22	DataFile Name :	073SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.06	0.06	0.05	25.97	ppb
Zirconium	91-1	0.05	0.06	0.04	0.05	18.18	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-02DLX2 Instrumnet Name : P8
 Client Sample ID : LF012MW028-180409DL Dilution Factor : 2
 Date & Time Acquired :: 2018-04-17 18:55:45 DataFile Name : 074SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.90	-1.45	1.89	3.11	169.55	ppb
Antimony	121-1	0.90	0.81	0.86	0.86	5.22	ppb
Arsenic	75-2	2.30	1.93	2.38	2.20	10.93	ppb
Barium	135-1	71.82	72.09	73.12	72.34	0.95	ppb
Barium	137-1	72.81	71.77	72.76	72.44	0.81	ppb
Beryllium	9-1	0.09	0.11	0.12	0.11	16.77	ppb
Bismuth	209-1				117		%
Bismuth	209-2				92		%
Boron	10-1	234.72	229.60	240.78	235.03	2.38	ppb
Boron	11-1	230.29	232.80	240.38	234.49	2.24	ppb
Cadmium	111-1	6.27	6.19	6.32	6.26	1.06	ppb
Cadmium	106-1	4.41	4.39	5.50	4.77	13.32	ppb
Cadmium	108-1	5.11	5.90	5.83	5.61	7.77	ppb
Calcium	43-1	147997.72	146571.40	148304.78	147624.63	0.63	ppb
Calcium	44-1	145943.56	145667.60	146120.66	145910.61	0.16	ppb
Chromium	52-2	0.52	0.76	0.73	0.67	19.53	ppb
Cobalt	59-2	3.59	3.49	3.62	3.57	2.00	ppb
Copper	63-2	25.27	24.73	24.70	24.90	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				89		%
Indium	115-1				97		%
Indium	115-2				70		%
Iron	56-2	4611.88	4593.58	4455.25	4553.57	1.88	ppb
Iron	57-2	4632.04	4704.93	4471.18	4602.72	2.60	ppb
Krypton	83-1						cps
Lead	206-1	2.19	2.37	2.34	2.30	4.13	ppb
Lead	207-1	2.06	2.21	2.14	2.14	3.58	ppb
Lead	208-1	2.18	2.25	2.23	2.22	1.76	ppb
Lithium	6-1				91		%
Magnesium	24-2	13929.48	13934.78	13796.24	13886.84	0.57	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-02DLX2 Instrumnet Name : P8
 Client Sample ID : LF012MW028-180409DL Dilution Factor : 2
 Date & Time Acquired :: 2018-04-17 18:55:45 DataFile Name : 074SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	423.75	413.01	413.15	416.64	1.48	ppb
Molybdenum	94-1	1.11	1.03	1.14	1.09	4.81	ppb
Molybdenum	95-1	1.30	1.22	1.23	1.25	3.61	ppb
Molybdenum	96-1	1.29	1.28	1.35	1.31	2.84	ppb
Molybdenum	97-1	1.24	1.34	1.34	1.30	4.29	ppb
Molybdenum	98-1	1.18	1.34	1.33	1.28	6.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.10	25.03	24.18	24.44	2.12	ppb
Phosphorus	31-2	-8.51	-8.51	37.15	6.71	392.83	ppb
Potassium	39-2	4711.05	4770.09	4435.44	4638.86	3.85	ppb
Rhodium	103-1				93		%
Rhodium	103-2				78		%
Scandium	45-1				77		%
Scandium	45-2				54		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	-1.34	0.22	-0.82		ppb
Selenium	82-1	0.87	1.74	0.78	1.13	46.69	ppb
Silicon	28-1	5247.98	5244.50	5207.01	5233.16	0.43	ppb
Silver	109-1	0.21	0.20	0.20	0.20	2.77	ppb
Silver	107-1	0.20	0.22	0.19	0.21	8.06	ppb
Sodium	23-2	31547.10	31583.96	30869.79	31333.61	1.28	ppb
Strontium	86-1	534.05	533.92	533.20	533.73	0.09	ppb
Strontium	88-1	550.19	554.21	544.16	549.52	0.92	ppb
Sulfur	34-1	64147.15	62580.98	63956.34	63561.49	1.34	ppb
Terbium	159-1				107		%
Terbium	159-2				88		%
Thallium	203-1	0.02	0.01	0.02	0.02	38.44	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	25.05	ppb
Tin	118-1	0.59	0.52	0.58	0.56	6.76	ppb
Titanium	47-1	0.36	0.45	0.45	0.42	13.23	ppb
Uranium	238-1	0.57	0.59	0.59	0.58	2.33	ppb
Vanadium	51-2	0.37	0.50	0.40	0.42	16.29	ppb
Yttrium	89-1				91		%
Yttrium	89-2				65		%
Zinc	66-2	159.60	162.52	151.28	157.80	3.70	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-02DLX2	Instrumnet Name :	P8
Client Sample ID :	LF012MW028-180409DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-17 18:55:45	DataFile Name :	074SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.10	0.10	0.09	15.33	ppb
Zirconium	91-1	0.07	0.14	0.10	0.10	32.87	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108279BL	Instrumnet Name :	P8
Client Sample ID :	PB108279BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:00:56	DataFile Name :	075CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.88	-4.89	-4.89	-3.89		ppb
Antimony	121-1	-0.07	-0.04	-0.05	-0.05		ppb
Arsenic	75-2	0.00	0.03	-0.03	0.00	2382.62	ppb
Barium	135-1	0.05	0.02	0.05	0.04	41.48	ppb
Barium	137-1	0.04	0.03	0.02	0.03	24.11	ppb
Beryllium	9-1	0.05	0.20	0.15	0.13	57.25	ppb
Bismuth	209-1				117		%
Bismuth	209-2				95		%
Boron	10-1	19.00	19.54	16.87	18.47	7.67	ppb
Boron	11-1	18.29	18.42	17.56	18.09	2.55	ppb
Cadmium	111-1	-0.01	-0.05	-0.02	-0.03		ppb
Cadmium	106-1	-0.46	-0.81	-0.26	-0.51		ppb
Cadmium	108-1	-0.07	-0.07	0.05	-0.03		ppb
Calcium	43-1	-13.43	-19.06	-15.16	-15.88		ppb
Calcium	44-1	8.44	5.83	10.83	8.37	29.90	ppb
Chromium	52-2	0.18	-0.11	0.06	0.04	342.99	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.12	0.04	0.10	0.09	49.08	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				107		%
Holmium	165-2				93		%
Indium	115-1				101		%
Indium	115-2				79		%
Iron	56-2	1.54	0.93	0.57	1.02	48.17	ppb
Iron	57-2	0.94	-0.85	-0.82	-0.24		ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.02	-0.01	-0.01		ppb
Lead	207-1	-0.01	-0.01	0.01	0.00		ppb
Lead	208-1	-0.01	-0.01	0.00	-0.01		ppb
Lithium	6-1				87		%
Magnesium	24-2	4.77	13.50	5.58	7.95	60.73	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108279BL	Instrumnet Name :	P8
Client Sample ID :	PB108279BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:00:56	DataFile Name :	075CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.29	0.04	0.08	0.14	98.03	ppb
Molybdenum	94-1	-0.03	-0.03	0.03	-0.01		ppb
Molybdenum	95-1	-0.03	-0.01	0.01	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	98-1	0.00	0.02	0.03	0.02	88.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.17	-0.94	-1.20	-1.10		ppb
Phosphorus	31-2	-8.51	-8.51	-8.51	-8.51		ppb
Potassium	39-2	-2.12	-25.88	2.21	-8.60		ppb
Rhodium	103-1				99		%
Rhodium	103-2				85		%
Scandium	45-1				84		%
Scandium	45-2				62		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.03	0.03	-1.34	-0.43		ppb
Selenium	82-1	0.06	-0.06	0.38	0.13	179.78	ppb
Silicon	28-1	-47.12	-47.28	-45.19	-46.53		ppb
Silver	109-1	0.02	0.01	0.02	0.02	25.85	ppb
Silver	107-1	0.02	0.01	0.02	0.02	16.83	ppb
Sodium	23-2	37.54	35.48	29.00	34.01	13.11	ppb
Strontium	86-1	0.00	-0.07	0.06	0.00		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	25.53	ppb
Sulfur	34-1	-1197.26	-1103.15	-1004.11	-1101.51		ppb
Terbium	159-1				108		%
Terbium	159-2				92		%
Thallium	203-1	0.02	0.01	0.02	0.02	58.64	ppb
Thallium	205-1	0.00	0.02	0.01	0.01	60.28	ppb
Tin	118-1	-0.01	-0.04	-0.02	-0.02		ppb
Titanium	47-1	-0.02	0.04	0.00	0.01	374.24	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	-0.01	0.02	0.01	179.72	ppb
Yttrium	89-1				95		%
Yttrium	89-2				73		%
Zinc	66-2	-0.13	0.01	-0.09	-0.07		ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108279BL	Instrumnet Name :	P8
Client Sample ID :	PB108279BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:00:56	DataFile Name :	075CCBE_P8041718- M:

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

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108279BS	Instrumnet Name :	P8
Client Sample ID :	PB108279BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:04:22	DataFile Name :	076LCS6_P8041718- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9756.82	9437.44	9352.48	9515.58	2.24	ppb
Antimony	121-1	462.17	461.41	463.00	462.19	0.17	ppb
Arsenic	75-2	490.02	482.33	481.61	484.65	0.96	ppb
Barium	135-1	2363.39	2356.45	2376.22	2365.35	0.42	ppb
Barium	137-1	2363.00	2354.37	2363.20	2360.19	0.21	ppb
Beryllium	9-1	465.65	466.22	462.17	464.68	0.47	ppb
Bismuth	209-1				116		%
Bismuth	209-2				94		%
Boron	10-1	446.93	472.86	465.91	461.90	2.91	ppb
Boron	11-1	437.02	453.80	461.76	450.86	2.80	ppb
Cadmium	111-1	458.17	449.83	452.15	453.38	0.95	ppb
Cadmium	106-1	452.27	440.21	453.39	448.62	1.63	ppb
Cadmium	108-1	458.71	450.60	454.50	454.60	0.89	ppb
Calcium	43-1	46734.05	46532.92	47151.05	46806.01	0.67	ppb
Calcium	44-1	47466.41	47093.01	47815.64	47458.35	0.76	ppb
Chromium	52-2	528.61	518.25	514.62	520.49	1.40	ppb
Cobalt	59-2	549.32	540.01	539.58	542.97	1.01	ppb
Copper	63-2	1110.28	1100.41	1098.05	1102.91	0.59	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				108		%
Holmium	165-2				93		%
Indium	115-1				98		%
Indium	115-2				75		%
Iron	56-2	27403.80	26970.80	26784.54	27053.05	1.17	ppb
Iron	57-2	26262.04	26190.66	25702.82	26051.84	1.17	ppb
Krypton	83-1						cps
Lead	206-1	493.51	497.86	491.03	494.13	0.70	ppb
Lead	207-1	494.57	492.78	493.27	493.54	0.19	ppb
Lead	208-1	494.84	491.59	491.60	492.68	0.38	ppb
Lithium	6-1				86		%
Magnesium	24-2	51307.91	50265.62	50089.11	50554.21	1.30	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108279BS	Instrumnet Name :	P8
Client Sample ID :	PB108279BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:04:22	DataFile Name :	076LCS6_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1019.80	1010.82	1006.73	1012.45	0.66	ppb
Molybdenum	94-1	2477.46	2437.13	2436.71	2450.44	0.96	ppb
Molybdenum	95-1	2467.98	2400.20	2459.45	2442.54	1.51	ppb
Molybdenum	96-1	2478.67	2406.03	2443.32	2442.67	1.49	ppb
Molybdenum	97-1	2479.75	2443.67	2468.61	2464.01	0.75	ppb
Molybdenum	98-1	2459.82	2415.60	2468.30	2447.91	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	550.94	547.68	548.56	549.06	0.31	ppb
Phosphorus	31-2	10231.97	8736.36	9290.35	9419.56	8.03	ppb
Potassium	39-2	23165.97	22792.54	22552.97	22837.16	1.35	ppb
Rhodium	103-1				96		%
Rhodium	103-2				81		%
Scandium	45-1				84		%
Scandium	45-2				60		%
Selenium	77-2	386.66	440.01	359.19	395.28	10.40	ppb
Selenium	78-2	468.32	437.48	466.51	457.43	3.78	ppb
Selenium	82-1	477.16	458.58	468.54	468.09	1.99	ppb
Silicon	28-1	451.20	451.15	453.65	452.00	0.32	ppb
Silver	109-1	465.25	456.97	463.28	461.84	0.94	ppb
Silver	107-1	464.31	452.46	459.96	458.91	1.31	ppb
Sodium	23-2	52659.22	51356.92	51669.31	51895.15	1.31	ppb
Strontium	86-1	474.31	464.61	469.40	469.44	1.03	ppb
Strontium	88-1	490.75	474.66	483.29	482.90	1.67	ppb
Sulfur	34-1	8745.10	8600.35	8607.33	8650.93	0.94	ppb
Terbium	159-1				108		%
Terbium	159-2				92		%
Thallium	203-1	494.83	492.58	488.31	491.91	0.67	ppb
Thallium	205-1	491.54	487.42	489.76	489.57	0.42	ppb
Tin	118-1	473.85	467.93	473.21	471.66	0.69	ppb
Titanium	47-1	2451.20	2429.46	2430.41	2437.02	0.50	ppb
Uranium	238-1	509.43	498.14	500.03	502.53	1.20	ppb
Vanadium	51-2	522.01	515.95	510.06	516.00	1.16	ppb
Yttrium	89-1				96		%
Yttrium	89-2				71		%
Zinc	66-2	1077.46	1067.59	1058.15	1067.74	0.90	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108279BS	Instrumnet Name :	P8
Client Sample ID :	PB108279BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:04:22	DataFile Name :	076LCS6_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	484.84	482.97	485.46	484.42	0.27	ppb
Zirconium	91-1	471.86	459.37	468.96	466.73	1.40	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05DLX2 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 2
 Date & Time Acquired :: 2018-04-17 19:07:37 DataFile Name : 077SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.81	-1.29	9.66	6.06	104.99	ppb
Antimony	121-1	3.31	3.24	3.33	3.29	1.46	ppb
Arsenic	75-2	2.11	1.45	2.10	1.89	19.99	ppb
Barium	135-1	16.82	16.36	16.39	16.52	1.56	ppb
Barium	137-1	16.82	16.95	16.63	16.80	0.95	ppb
Beryllium	9-1	0.30	0.31	0.25	0.29	11.72	ppb
Bismuth	209-1				113		%
Bismuth	209-2				88		%
Boron	10-1	321.27	336.08	326.20	327.85	2.30	ppb
Boron	11-1	325.86	328.55	337.40	330.60	1.83	ppb
Cadmium	111-1	0.07	0.02	0.07	0.05	52.77	ppb
Cadmium	106-1	-1.22	-1.31	-0.40	-0.98		ppb
Cadmium	108-1	0.13	0.01	0.05	0.07	94.20	ppb
Calcium	43-1	182340.06	183314.57	185683.12	183779.25	0.94	ppb
Calcium	44-1	180552.93	180540.25	183558.54	181550.57	0.96	ppb
Chromium	52-2	0.96	0.70	0.90	0.85	15.68	ppb
Cobalt	59-2	0.48	0.52	0.50	0.50	4.38	ppb
Copper	63-2	0.59	0.52	0.65	0.59	10.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				86		%
Indium	115-1				92		%
Indium	115-2				67		%
Iron	56-2	2902.16	2813.99	2834.85	2850.33	1.62	ppb
Iron	57-2	2892.22	2723.08	2924.27	2846.52	3.80	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.14	0.14	0.14	7.82	ppb
Lead	207-1	0.14	0.14	0.13	0.14	4.95	ppb
Lead	208-1	0.14	0.14	0.13	0.14	3.66	ppb
Lithium	6-1				90		%
Magnesium	24-2	48316.51	46867.52	47057.78	47413.93	1.66	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05DLX2 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 2
 Date & Time Acquired :: 2018-04-17 19:07:37 DataFile Name : 077SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	248.13	238.55	242.14	242.94	1.99	ppb
Molybdenum	94-1	1.85	2.18	2.38	2.14	12.53	ppb
Molybdenum	95-1	2.02	2.35	2.59	2.32	12.35	ppb
Molybdenum	96-1	2.01	2.39	2.51	2.31	11.36	ppb
Molybdenum	97-1	2.05	2.27	2.76	2.36	15.35	ppb
Molybdenum	98-1	2.02	2.41	2.68	2.37	14.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.01	1.60	1.65	1.75	12.72	ppb
Phosphorus	31-2	40.98	-8.51	-8.51	7.99	357.74	ppb
Potassium	39-2	5096.44	5043.75	5234.52	5124.90	1.92	ppb
Rhodium	103-1				88		%
Rhodium	103-2				73		%
Scandium	45-1				73		%
Scandium	45-2				51		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	3.56	0.28	0.83	300.17	ppb
Selenium	82-1	1.33	1.04	1.28	1.22	12.73	ppb
Silicon	28-1	5934.72	5984.58	6022.16	5980.49	0.73	ppb
Silver	109-1	0.12	0.09	0.09	0.10	15.08	ppb
Silver	107-1	0.11	0.10	0.07	0.09	23.80	ppb
Sodium	23-2	64994.69	64817.40	64053.62	64621.90	0.77	ppb
Strontium	86-1	1309.49	1275.48	1286.88	1290.62	1.34	ppb
Strontium	88-1	1284.16	1295.74	1293.63	1291.18	0.48	ppb
Sulfur	34-1	148226.41	150971.18	151521.97	150239.85	1.17	ppb
Terbium	159-1				102		%
Terbium	159-2				86		%
Thallium	203-1	0.20	0.15	0.10	0.15	33.72	ppb
Thallium	205-1	0.21	0.17	0.13	0.17	25.23	ppb
Tin	118-1	0.98	0.96	1.12	1.02	8.60	ppb
Titanium	47-1	0.89	0.84	1.49	1.07	33.87	ppb
Uranium	238-1	0.69	0.69	0.70	0.69	1.03	ppb
Vanadium	51-2	0.48	0.66	0.70	0.61	19.24	ppb
Yttrium	89-1				87		%
Yttrium	89-2				62		%
Zinc	66-2	2.38	3.16	2.36	2.63	17.30	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05DLX2	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-17 19:07:37	DataFile Name :	077SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.28	0.28	0.28	0.92	ppb
Zirconium	91-1	0.28	0.22	0.25	0.25	11.93	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:22:24	DataFile Name :	079CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47898.11	46663.93	49326.76	47962.93	2.78	ppb
Antimony	121-1	466.34	464.66	471.54	467.51	0.77	ppb
Arsenic	75-2	487.24	487.89	478.15	484.43	1.12	ppb
Barium	135-1	2338.82	2397.57	2369.57	2368.65	1.24	ppb
Barium	137-1	2323.66	2365.47	2369.23	2352.79	1.08	ppb
Beryllium	9-1	502.10	508.87	504.29	505.08	0.68	ppb
Bismuth	209-1				107		%
Bismuth	209-2				88		%
Boron	10-1	509.06	507.62	526.22	514.30	2.01	ppb
Boron	11-1	488.18	509.38	511.77	503.11	2.58	ppb
Cadmium	111-1	455.27	465.41	462.85	461.18	1.14	ppb
Cadmium	106-1	455.20	475.76	462.35	464.44	2.25	ppb
Cadmium	108-1	453.96	461.96	466.38	460.77	1.37	ppb
Calcium	43-1	236270.65	235336.78	234634.24	235413.89	0.35	ppb
Calcium	44-1	234409.70	234122.57	234071.35	234201.21	0.08	ppb
Chromium	52-2	511.94	508.23	523.12	514.43	1.51	ppb
Cobalt	59-2	510.84	503.77	516.28	510.30	1.23	ppb
Copper	63-2	994.29	988.62	1014.38	999.10	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				91		%
Indium	115-1				95		%
Indium	115-2				77		%
Iron	56-2	125617.01	125076.41	126886.36	125859.93	0.74	ppb
Iron	57-2	120974.09	119997.25	123210.75	121394.03	1.36	ppb
Krypton	83-1						cps
Lead	206-1	496.53	494.98	497.79	496.43	0.28	ppb
Lead	207-1	492.24	500.12	488.38	493.58	1.21	ppb
Lead	208-1	494.18	499.72	494.24	496.04	0.64	ppb
Lithium	6-1				83		%
Magnesium	24-2	247902.94	247739.68	253445.64	249696.09	1.30	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:22:24	DataFile Name :	079CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	969.96	972.03	998.19	980.06	1.61	ppb
Molybdenum	94-1	2452.44	2457.34	2438.91	2449.57	0.39	ppb
Molybdenum	95-1	2415.00	2439.14	2420.14	2424.76	0.52	ppb
Molybdenum	96-1	2414.89	2437.05	2431.92	2427.95	0.48	ppb
Molybdenum	97-1	2451.88	2474.83	2437.20	2454.63	0.77	ppb
Molybdenum	98-1	2439.41	2437.09	2410.84	2429.11	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.21	509.70	523.18	514.70	1.44	ppb
Phosphorus	31-2	8186.04	9027.17	8795.17	8669.46	5.01	ppb
Potassium	39-2	114118.39	113370.94	116673.49	114720.94	1.51	ppb
Rhodium	103-1				92		%
Rhodium	103-2				81		%
Scandium	45-1				87		%
Scandium	45-2				69		%
Selenium	77-2	437.65	558.29	467.31	487.75	12.89	ppb
Selenium	78-2	470.64	436.72	432.55	446.64	4.68	ppb
Selenium	82-1	460.17	461.04	464.03	461.74	0.44	ppb
Silicon	28-1	494.98	499.21	505.41	499.87	1.05	ppb
Silver	109-1	465.27	476.83	477.03	473.04	1.42	ppb
Silver	107-1	468.63	472.75	474.91	472.10	0.68	ppb
Sodium	23-2	245372.36	245644.95	251964.87	247660.73	1.51	ppb
Strontium	86-1	477.60	481.20	481.16	479.99	0.43	ppb
Strontium	88-1	490.83	497.56	496.69	495.02	0.74	ppb
Sulfur	34-1	9249.85	8898.65	8639.35	8929.29	3.43	ppb
Terbium	159-1				104		%
Terbium	159-2				90		%
Thallium	203-1	484.97	494.54	490.28	489.93	0.98	ppb
Thallium	205-1	491.35	496.30	490.13	492.60	0.66	ppb
Tin	118-1	470.05	476.01	475.93	473.99	0.72	ppb
Titanium	47-1	2401.86	2430.18	2430.81	2420.95	0.68	ppb
Uranium	238-1	513.06	511.74	511.43	512.07	0.17	ppb
Vanadium	51-2	498.28	497.33	508.81	501.47	1.27	ppb
Yttrium	89-1				96		%
Yttrium	89-2				77		%
Zinc	66-2	974.47	960.01	1001.99	978.82	2.18	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:22:24	DataFile Name :	079CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	487.09	485.64	490.43	487.72	0.50	ppb
Zirconium	91-1	463.37	470.26	467.10	466.91	0.74	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:29:36	DataFile Name :	080CCBE_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.96	1.06	-1.82	0.07	2358.91	ppb
Antimony	121-1	0.44	0.67	0.75	0.62	25.85	ppb
Arsenic	75-2	0.00	0.04	0.00	0.01	133.41	ppb
Barium	135-1	0.02	0.00	0.02	0.01	116.97	ppb
Barium	137-1	0.00	0.00	0.00	0.00	274.40	ppb
Beryllium	9-1	0.43	0.38	0.30	0.37	17.68	ppb
Bismuth	209-1				112		%
Bismuth	209-2				90		%
Boron	10-1	15.03	12.64	14.85	14.17	9.40	ppb
Boron	11-1	14.26	12.64	14.41	13.77	7.11	ppb
Cadmium	111-1	0.00	-0.08	-0.05	-0.05		ppb
Cadmium	106-1	-0.40	-1.65	-0.88	-0.97		ppb
Cadmium	108-1	0.05	0.01	0.01	0.03	88.10	ppb
Calcium	43-1	-15.63	-10.23	-10.93	-12.27		ppb
Calcium	44-1	-1.81	-1.17	0.08	-0.97		ppb
Chromium	52-2	0.10	0.09	0.02	0.07	60.42	ppb
Cobalt	59-2	-0.02	-0.02	0.00	-0.01		ppb
Copper	63-2	0.09	0.08	0.10	0.09	14.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				88		%
Indium	115-1				97		%
Indium	115-2				76		%
Iron	56-2	3.79	3.09	3.12	3.33	11.97	ppb
Iron	57-2	5.78	0.88	2.79	3.15	78.33	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.03	0.02	19.18	ppb
Lead	207-1	0.03	0.04	0.04	0.04	11.36	ppb
Lead	208-1	0.03	0.03	0.04	0.03	7.03	ppb
Lithium	6-1				85		%
Magnesium	24-2	3.43	11.41	18.97	11.27	68.94	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:29:36	DataFile Name :	080CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.19	0.05	0.14	0.13	58.42	ppb
Molybdenum	94-1	0.46	0.54	0.60	0.53	13.57	ppb
Molybdenum	95-1	0.39	0.55	0.76	0.57	32.96	ppb
Molybdenum	96-1	0.46	0.57	0.77	0.60	25.83	ppb
Molybdenum	97-1	0.39	0.62	0.74	0.58	31.01	ppb
Molybdenum	98-1	0.42	0.67	0.82	0.64	31.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.00	-0.98	-0.98	-0.98		ppb
Phosphorus	31-2	-8.51	31.58	-8.51	4.85	476.84	ppb
Potassium	39-2	11.93	2.19	-2.99	3.71	204.20	ppb
Rhodium	103-1				95		%
Rhodium	103-2				81		%
Scandium	45-1				83		%
Scandium	45-2				62		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.08	0.08	0.07	0.08	11.90	ppb
Selenium	82-1	0.05	0.66	0.71	0.47	78.25	ppb
Silicon	28-1	-40.95	-41.37	-41.09	-41.14		ppb
Silver	109-1	0.02	0.01	0.01	0.02	17.32	ppb
Silver	107-1	0.01	0.01	0.03	0.02	40.15	ppb
Sodium	23-2	62.54	57.75	56.36	58.88	5.50	ppb
Strontium	86-1	-0.06	-0.03	0.00	-0.03		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	23.52	ppb
Sulfur	34-1	-1244.08	-1171.67	-1133.88	-1183.21		ppb
Terbium	159-1				102		%
Terbium	159-2				87		%
Thallium	203-1	0.09	0.08	0.06	0.08	21.96	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	11.71	ppb
Tin	118-1	0.11	0.17	0.17	0.15	24.36	ppb
Titanium	47-1	0.12	-0.01	-0.04	0.02	415.10	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	47.55	ppb
Vanadium	51-2	-0.02	0.02	0.02	0.01	298.46	ppb
Yttrium	89-1				93		%
Yttrium	89-2				71		%
Zinc	66-2	-0.43	-0.33	-0.22	-0.33		ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:29:36	DataFile Name :	080CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.06	0.05	0.05	34.90	ppb
Zirconium	91-1	0.02	0.03	0.09	0.05	78.84	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-01DL2X5 Instrumnet Name : P8
 Client Sample ID : LF012RW035-180409DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:45:46 DataFile Name : 081SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.56	-4.89	-1.68	-1.67		ppb
Antimony	121-1	0.41	0.56	0.62	0.53	19.61	ppb
Arsenic	75-2	0.34	0.54	0.51	0.47	23.38	ppb
Barium	135-1	27.47	28.18	27.95	27.87	1.31	ppb
Barium	137-1	27.17	28.10	27.95	27.74	1.81	ppb
Beryllium	9-1	0.10	0.12	0.18	0.13	34.02	ppb
Bismuth	209-1				110		%
Bismuth	209-2				91		%
Boron	10-1	36.69	38.79	42.73	39.40	7.79	ppb
Boron	11-1	41.15	37.78	39.72	39.55	4.28	ppb
Cadmium	111-1	-0.01	0.01	0.04	0.02	160.06	ppb
Cadmium	106-1	-1.10	-1.32	-0.65	-1.02		ppb
Cadmium	108-1	0.05	0.22	0.18	0.15	58.43	ppb
Calcium	43-1	30442.85	30367.55	31589.11	30799.84	2.22	ppb
Calcium	44-1	31087.54	31200.79	32055.22	31447.85	1.68	ppb
Chromium	52-2	0.26	0.39	0.37	0.34	20.01	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	44.08	ppb
Copper	63-2	0.79	0.86	0.72	0.79	8.39	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				101		%
Holmium	165-2				88		%
Indium	115-1				95		%
Indium	115-2				73		%
Iron	56-2	11.28	11.51	10.55	11.11	4.49	ppb
Iron	57-2	6.79	11.95	4.02	7.59	53.02	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.04	0.07	0.07	29.61	ppb
Lead	207-1	0.10	0.06	0.08	0.08	25.26	ppb
Lead	208-1	0.08	0.06	0.07	0.07	18.11	ppb
Lithium	6-1				85		%
Magnesium	24-2	2721.91	2868.74	2687.71	2759.46	3.49	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-01DL2X5 Instrumnet Name : P8
 Client Sample ID : LF012RW035-180409DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:45:46 DataFile Name : 081SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.23	6.47	5.89	6.20	4.72	ppb
Molybdenum	94-1	0.51	0.56	0.63	0.57	10.74	ppb
Molybdenum	95-1	0.38	0.57	0.62	0.52	24.06	ppb
Molybdenum	96-1	0.55	0.56	0.69	0.60	13.08	ppb
Molybdenum	97-1	0.43	0.54	0.70	0.56	23.65	ppb
Molybdenum	98-1	0.46	0.55	0.66	0.56	17.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.11	-1.04	-0.81	-0.99		ppb
Phosphorus	31-2	78.45	-8.51	34.80	34.91	124.53	ppb
Potassium	39-2	2256.91	2505.22	2257.22	2339.78	6.12	ppb
Rhodium	103-1				92		%
Rhodium	103-2				79		%
Scandium	45-1				78		%
Scandium	45-2				56		%
Selenium	77-2	8.87	0.00	0.00	2.96	173.21	ppb
Selenium	78-2	0.14	-1.34	0.15	-0.35		ppb
Selenium	82-1	-0.57	-0.12	0.86	0.05	1345.10	ppb
Silicon	28-1	1114.87	1123.54	1128.82	1122.41	0.63	ppb
Silver	109-1	0.16	0.13	0.12	0.14	13.99	ppb
Silver	107-1	0.13	0.14	0.12	0.13	9.45	ppb
Sodium	23-2	5229.25	5465.27	5201.09	5298.54	2.74	ppb
Strontium	86-1	126.63	130.24	130.89	129.25	1.77	ppb
Strontium	88-1	135.17	138.23	138.14	137.18	1.27	ppb
Sulfur	34-1	6787.08	6929.79	7632.79	7116.55	6.36	ppb
Terbium	159-1				101		%
Terbium	159-2				88		%
Thallium	203-1	0.21	0.18	0.14	0.18	20.76	ppb
Thallium	205-1	0.21	0.18	0.16	0.18	14.57	ppb
Tin	118-1	0.20	0.25	0.26	0.24	14.19	ppb
Titanium	47-1	0.06	0.09	-0.02	0.05	122.15	ppb
Uranium	238-1	0.31	0.32	0.34	0.32	4.32	ppb
Vanadium	51-2	1.12	1.04	1.10	1.09	4.02	ppb
Yttrium	89-1				89		%
Yttrium	89-2				68		%
Zinc	66-2	3.14	3.33	1.80	2.76	30.14	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	LF012RW035-180409DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 19:45:46	DataFile Name :	081SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.08	0.13	0.11	23.60	ppb
Zirconium	91-1	0.13	0.11	0.13	0.12	10.13	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-02DL2X5 Instrumnet Name : P8
 Client Sample ID : LF012MW028-180409DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:49:09 DataFile Name : 082SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.57	1.81	-4.89	-1.55		ppb
Antimony	121-1	0.45	0.45	0.49	0.46	4.90	ppb
Arsenic	75-2	0.84	1.03	0.91	0.92	10.29	ppb
Barium	135-1	30.01	29.61	29.75	29.79	0.69	ppb
Barium	137-1	29.55	29.93	29.51	29.66	0.78	ppb
Beryllium	9-1	0.13	0.22	0.16	0.17	24.92	ppb
Bismuth	209-1				113		%
Bismuth	209-2				90		%
Boron	10-1	105.25	102.95	106.32	104.84	1.64	ppb
Boron	11-1	100.71	106.38	105.32	104.14	2.90	ppb
Cadmium	111-1	2.53	2.60	2.55	2.56	1.50	ppb
Cadmium	106-1	1.13	1.40	0.56	1.03	41.31	ppb
Cadmium	108-1	2.90	2.20	2.45	2.52	14.12	ppb
Calcium	43-1	58047.89	57840.01	57900.50	57929.47	0.18	ppb
Calcium	44-1	58740.03	58889.22	58903.06	58844.11	0.15	ppb
Chromium	52-2	0.20	0.46	0.38	0.35	38.86	ppb
Cobalt	59-2	1.54	1.44	1.53	1.50	3.68	ppb
Copper	63-2	9.37	9.91	10.02	9.77	3.57	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				102		%
Holmium	165-2				87		%
Indium	115-1				95		%
Indium	115-2				72		%
Iron	56-2	1833.64	1850.08	1818.42	1834.04	0.86	ppb
Iron	57-2	1820.05	1794.36	1817.66	1810.69	0.78	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.91	0.93	0.93	2.41	ppb
Lead	207-1	0.82	0.92	0.87	0.87	5.75	ppb
Lead	208-1	0.87	0.90	0.88	0.88	1.79	ppb
Lithium	6-1				85		%
Magnesium	24-2	5568.77	5773.08	5474.50	5605.45	2.72	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-02DL2X5 Instrumnet Name : P8
 Client Sample ID : LF012MW028-180409DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:49:09 DataFile Name : 082SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	172.96	169.43	167.62	170.00	1.60	ppb
Molybdenum	94-1	0.51	0.64	0.62	0.59	12.16	ppb
Molybdenum	95-1	0.52	0.55	0.64	0.57	10.42	ppb
Molybdenum	96-1	0.56	0.60	0.60	0.59	3.90	ppb
Molybdenum	97-1	0.50	0.52	0.51	0.51	1.57	ppb
Molybdenum	98-1	0.55	0.56	0.60	0.57	4.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.34	9.35	9.93	9.54	3.57	ppb
Phosphorus	31-2	-8.51	36.60	126.22	51.44	133.32	ppb
Potassium	39-2	1879.54	1935.81	1907.14	1907.50	1.47	ppb
Rhodium	103-1				92		%
Rhodium	103-2				78		%
Scandium	45-1				78		%
Scandium	45-2				55		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.19	-1.34	-1.34	-0.83		ppb
Selenium	82-1	-0.46	0.17	1.04	0.25	300.70	ppb
Silicon	28-1	2154.16	2126.48	2136.33	2138.99	0.66	ppb
Silver	109-1	0.17	0.16	0.13	0.15	14.66	ppb
Silver	107-1	0.12	0.12	0.15	0.13	13.57	ppb
Sodium	23-2	12690.27	12711.75	12631.64	12677.89	0.33	ppb
Strontium	86-1	213.15	212.96	212.39	212.83	0.19	ppb
Strontium	88-1	223.19	225.60	218.84	222.54	1.54	ppb
Sulfur	34-1	29363.30	29524.91	29586.07	29491.43	0.39	ppb
Terbium	159-1				102		%
Terbium	159-2				87		%
Thallium	203-1	0.03	0.05	0.05	0.04	19.73	ppb
Thallium	205-1	0.03	0.05	0.04	0.04	22.52	ppb
Tin	118-1	0.18	0.20	0.24	0.21	16.30	ppb
Titanium	47-1	0.14	0.25	0.03	0.14	78.77	ppb
Uranium	238-1	0.23	0.24	0.23	0.23	2.87	ppb
Vanadium	51-2	0.25	0.23	0.20	0.23	11.09	ppb
Yttrium	89-1				90		%
Yttrium	89-2				66		%
Zinc	66-2	67.19	62.91	64.40	64.83	3.35	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-02DL2X5	Instrumnet Name :	P8
Client Sample ID :	LF012MW028-180409DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 19:49:09	DataFile Name :	082SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.13	0.12	0.12	11.40	ppb
Zirconium	91-1	0.13	0.11	0.09	0.11	16.16	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-03DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW200-180409DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:52:32 DataFile Name : 083SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.70	1.75	-1.51	0.64	290.25	ppb
Antimony	121-1	0.23	0.26	0.31	0.27	15.92	ppb
Arsenic	75-2	1.55	1.79	1.71	1.69	7.18	ppb
Barium	135-1	14.05	14.34	13.74	14.04	2.14	ppb
Barium	137-1	14.12	14.19	13.90	14.07	1.07	ppb
Beryllium	9-1	0.06	0.08	0.14	0.09	47.57	ppb
Bismuth	209-1				111		%
Bismuth	209-2				91		%
Boron	10-1	142.41	148.87	145.35	145.54	2.22	ppb
Boron	11-1	139.99	142.25	146.16	142.80	2.19	ppb
Cadmium	111-1	0.06	-0.08	-0.03	-0.01		ppb
Cadmium	106-1	0.56	-1.38	-0.92	-0.58		ppb
Cadmium	108-1	0.18	0.01	0.01	0.07	142.70	ppb
Calcium	43-1	47022.81	46987.81	46855.92	46955.52	0.19	ppb
Calcium	44-1	48341.33	47710.07	48007.70	48019.70	0.66	ppb
Chromium	52-2	0.39	0.30	0.36	0.35	13.00	ppb
Cobalt	59-2	0.17	0.14	0.19	0.17	13.12	ppb
Copper	63-2	0.52	0.41	0.44	0.45	12.78	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				102		%
Holmium	165-2				89		%
Indium	115-1				94		%
Indium	115-2				73		%
Iron	56-2	2361.55	2390.00	2412.13	2387.89	1.06	ppb
Iron	57-2	2376.47	2338.36	2320.70	2345.18	1.22	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.07	0.06	17.68	ppb
Lead	207-1	0.06	0.06	0.06	0.06	0.64	ppb
Lead	208-1	0.06	0.05	0.06	0.06	7.68	ppb
Lithium	6-1				85		%
Magnesium	24-2	8429.04	8588.01	8524.87	8513.97	0.94	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-03DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW200-180409DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:52:32 DataFile Name : 083SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	153.98	157.68	158.93	156.86	1.64	ppb
Molybdenum	94-1	0.43	0.41	0.31	0.38	16.88	ppb
Molybdenum	95-1	0.33	0.49	0.41	0.41	19.25	ppb
Molybdenum	96-1	0.31	0.48	0.51	0.44	24.55	ppb
Molybdenum	97-1	0.38	0.39	0.46	0.41	11.19	ppb
Molybdenum	98-1	0.37	0.46	0.44	0.43	11.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.56	-0.63	-0.55	-0.58		ppb
Phosphorus	31-2	80.27	-8.51	82.55	51.44	100.95	ppb
Potassium	39-2	1721.54	1691.46	1763.08	1725.36	2.08	ppb
Rhodium	103-1				90		%
Rhodium	103-2				79		%
Scandium	45-1				77		%
Scandium	45-2				55		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	-1.34	-1.34	-1.34		ppb
Selenium	82-1	0.73	0.43	0.48	0.54	29.56	ppb
Silicon	28-1	2345.57	2295.19	2341.96	2327.57	1.21	ppb
Silver	109-1	0.05	0.08	0.07	0.07	18.00	ppb
Silver	107-1	0.06	0.05	0.05	0.05	6.97	ppb
Sodium	23-2	18286.79	18245.46	18605.91	18379.38	1.07	ppb
Strontium	86-1	249.52	251.65	252.13	251.10	0.55	ppb
Strontium	88-1	260.35	263.97	261.55	261.96	0.70	ppb
Sulfur	34-1	21723.33	21868.34	21187.24	21592.97	1.66	ppb
Terbium	159-1				102		%
Terbium	159-2				88		%
Thallium	203-1	0.02	0.01	0.03	0.02	60.44	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.48	ppb
Tin	118-1	0.17	0.19	0.21	0.19	11.53	ppb
Titanium	47-1	0.17	0.20	0.24	0.20	18.11	ppb
Uranium	238-1	0.11	0.10	0.11	0.11	6.51	ppb
Vanadium	51-2	0.17	0.09	0.10	0.12	39.26	ppb
Yttrium	89-1				88		%
Yttrium	89-2				67		%
Zinc	66-2	11.87	12.51	11.69	12.02	3.59	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-03DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW200-180409DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 19:52:32	DataFile Name :	083SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.11	0.09	0.09	20.03	ppb
Zirconium	91-1	0.06	0.11	0.09	0.09	28.99	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-04DLX5 Instrumnet Name : P8
 Client Sample ID : DUP-0439-180409DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:55:55 DataFile Name : 084SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.75	8.20	1.63	3.86	97.43	ppb
Antimony	121-1	0.34	0.39	0.40	0.38	9.02	ppb
Arsenic	75-2	1.13	0.73	0.82	0.89	23.22	ppb
Barium	135-1	29.18	29.61	29.90	29.57	1.23	ppb
Barium	137-1	29.11	29.43	29.71	29.42	1.02	ppb
Beryllium	9-1	0.04	0.17	0.12	0.11	62.62	ppb
Bismuth	209-1				114		%
Bismuth	209-2				91		%
Boron	10-1	102.92	103.81	114.65	107.13	6.10	ppb
Boron	11-1	105.23	109.26	105.80	106.76	2.04	ppb
Cadmium	111-1	2.24	2.39	2.31	2.31	3.31	ppb
Cadmium	106-1	0.60	1.06	1.28	0.98	35.53	ppb
Cadmium	108-1	2.40	2.19	2.27	2.28	4.72	ppb
Calcium	43-1	56891.10	57242.02	57658.41	57263.84	0.67	ppb
Calcium	44-1	57799.25	57810.30	58383.03	57997.53	0.58	ppb
Chromium	52-2	0.73	0.52	0.60	0.62	16.94	ppb
Cobalt	59-2	1.53	1.38	1.48	1.46	5.28	ppb
Copper	63-2	9.59	9.54	9.40	9.51	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				89		%
Indium	115-1				96		%
Indium	115-2				73		%
Iron	56-2	1649.94	1633.91	1602.16	1628.67	1.49	ppb
Iron	57-2	1687.27	1568.93	1606.14	1620.78	3.73	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.88	0.87	0.87	1.39	ppb
Lead	207-1	0.83	0.81	0.77	0.80	3.62	ppb
Lead	208-1	0.85	0.83	0.83	0.84	1.48	ppb
Lithium	6-1				86		%
Magnesium	24-2	5543.12	5371.89	5414.04	5443.02	1.64	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-04DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0439-180409DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 19:55:55	DataFile Name :	084SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	171.39	169.52	167.18	169.36	1.25	ppb
Molybdenum	94-1	0.44	0.49	0.45	0.46	5.66	ppb
Molybdenum	95-1	0.47	0.48	0.51	0.49	3.73	ppb
Molybdenum	96-1	0.46	0.57	0.56	0.53	10.97	ppb
Molybdenum	97-1	0.51	0.50	0.47	0.49	4.70	ppb
Molybdenum	98-1	0.48	0.47	0.56	0.50	9.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.73	8.98	9.09	8.93	2.11	ppb
Phosphorus	31-2	-8.51	35.58	-8.51	6.19	411.36	ppb
Potassium	39-2	1830.03	1941.66	1824.97	1865.55	3.54	ppb
Rhodium	103-1				93		%
Rhodium	103-2				79		%
Scandium	45-1				78		%
Scandium	45-2				56		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.16	-1.34	3.16	0.66	347.21	ppb
Selenium	82-1	0.57	0.45	0.21	0.41	45.56	ppb
Silicon	28-1	2062.98	2071.84	2094.12	2076.31	0.77	ppb
Silver	109-1	0.12	0.13	0.11	0.12	5.79	ppb
Silver	107-1	0.09	0.12	0.11	0.11	13.08	ppb
Sodium	23-2	12477.15	12295.34	12294.20	12355.56	0.85	ppb
Strontium	86-1	211.91	210.68	209.90	210.83	0.48	ppb
Strontium	88-1	220.31	221.99	219.88	220.73	0.51	ppb
Sulfur	34-1	28750.50	28620.67	29519.08	28963.42	1.68	ppb
Terbium	159-1				104		%
Terbium	159-2				88		%
Thallium	203-1	0.02	0.02	0.02	0.02	22.18	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	23.57	ppb
Tin	118-1	0.19	0.15	0.18	0.17	11.07	ppb
Titanium	47-1	0.11	0.08	0.14	0.11	31.29	ppb
Uranium	238-1	0.23	0.23	0.21	0.23	4.45	ppb
Vanadium	51-2	0.38	0.36	0.23	0.32	24.35	ppb
Yttrium	89-1				91		%
Yttrium	89-2				67		%
Zinc	66-2	62.41	62.66	61.30	62.12	1.16	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-04DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0439-180409DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 19:55:55	DataFile Name :	084SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.08	0.08	0.08	1.55	ppb
Zirconium	91-1	0.11	0.08	0.05	0.08	36.50	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05DL2X5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:59:18 DataFile Name : 085SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.65	11.44	1.64	3.81	178.61	ppb
Antimony	121-1	0.17	0.22	0.23	0.21	16.09	ppb
Arsenic	75-2	0.71	0.44	0.86	0.67	31.44	ppb
Barium	135-1	6.35	6.63	6.56	6.51	2.28	ppb
Barium	137-1	6.50	6.30	6.67	6.49	2.86	ppb
Beryllium	9-1	0.05	0.03	0.04	0.04	22.57	ppb
Bismuth	209-1				113		%
Bismuth	209-2				91		%
Boron	10-1	148.62	159.48	143.92	150.67	5.30	ppb
Boron	11-1	151.25	151.48	154.88	152.54	1.33	ppb
Cadmium	111-1	-0.07	0.02	0.01	-0.01		ppb
Cadmium	106-1	-1.15	0.01	-0.23	-0.46		ppb
Cadmium	108-1	-0.07	0.09	-0.03	0.00		ppb
Calcium	43-1	70379.81	71665.96	71117.79	71054.52	0.91	ppb
Calcium	44-1	71513.19	73641.00	72858.80	72671.00	1.48	ppb
Chromium	52-2	0.39	0.48	0.33	0.40	19.24	ppb
Cobalt	59-2	0.15	0.21	0.20	0.19	17.47	ppb
Copper	63-2	0.20	0.26	0.24	0.24	12.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				90		%
Indium	115-1				96		%
Indium	115-2				73		%
Iron	56-2	1101.13	1112.48	1108.38	1107.33	0.52	ppb
Iron	57-2	1089.11	1133.74	1110.31	1111.05	2.01	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.06	0.06	3.02	ppb
Lead	207-1	0.06	0.05	0.09	0.06	28.87	ppb
Lead	208-1	0.06	0.06	0.07	0.06	8.01	ppb
Lithium	6-1				86		%
Magnesium	24-2	18542.64	18815.54	18612.84	18657.01	0.76	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05DL2X5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:59:18 DataFile Name : 085SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.06	98.69	95.50	96.08	2.46	ppb
Molybdenum	94-1	0.26	0.31	0.29	0.29	9.91	ppb
Molybdenum	95-1	0.17	0.22	0.26	0.22	21.53	ppb
Molybdenum	96-1	0.25	0.18	0.23	0.22	15.30	ppb
Molybdenum	97-1	0.21	0.28	0.21	0.23	17.06	ppb
Molybdenum	98-1	0.24	0.27	0.24	0.25	6.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	-0.02	0.12	0.17	129.93	ppb
Phosphorus	31-2	-8.51	-8.51	-8.51	-8.51		ppb
Potassium	39-2	2051.93	2078.62	1916.03	2015.53	4.33	ppb
Rhodium	103-1				93		%
Rhodium	103-2				79		%
Scandium	45-1				79		%
Scandium	45-2				56		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.13	0.14	-1.34	-0.36		ppb
Selenium	82-1	0.98	0.86	1.15	1.00	14.43	ppb
Silicon	28-1	2326.93	2397.48	2349.13	2357.85	1.53	ppb
Silver	109-1	0.04	0.04	0.05	0.04	14.43	ppb
Silver	107-1	0.07	0.05	0.05	0.06	23.41	ppb
Sodium	23-2	24563.16	24777.78	24415.30	24585.41	0.74	ppb
Strontium	86-1	497.78	497.73	497.16	497.56	0.07	ppb
Strontium	88-1	513.94	516.82	516.14	515.63	0.29	ppb
Sulfur	34-1	59726.92	61268.39	58319.54	59771.62	2.47	ppb
Terbium	159-1				104		%
Terbium	159-2				89		%
Thallium	203-1	0.00	0.00	0.02	0.01	131.23	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.54	ppb
Tin	118-1	0.14	0.17	0.16	0.16	9.97	ppb
Titanium	47-1	0.32	0.38	0.23	0.31	24.22	ppb
Uranium	238-1	0.26	0.26	0.24	0.25	4.46	ppb
Vanadium	51-2	0.27	0.36	0.32	0.32	14.16	ppb
Yttrium	89-1				92		%
Yttrium	89-2				68		%
Zinc	66-2	0.92	0.55	0.61	0.69	28.53	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05DL2X5	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 19:59:18	DataFile Name :	085SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.05	0.07	0.06	13.29	ppb
Zirconium	91-1	0.04	0.01	0.07	0.04	72.79	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05DUPDLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:02:41 DataFile Name : 086SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.25	8.46	18.27	11.66	49.11	ppb
Antimony	121-1	0.16	0.18	0.18	0.17	7.99	ppb
Arsenic	75-2	1.07	0.82	0.38	0.76	46.55	ppb
Barium	135-1	6.48	6.83	6.69	6.67	2.69	ppb
Barium	137-1	6.61	6.69	6.94	6.75	2.61	ppb
Beryllium	9-1	0.09	0.02	0.14	0.08	75.86	ppb
Bismuth	209-1				113		%
Bismuth	209-2				91		%
Boron	10-1	149.62	155.40	150.63	151.88	2.03	ppb
Boron	11-1	143.83	147.44	151.93	147.73	2.75	ppb
Cadmium	111-1	-0.06	0.02	-0.11	-0.05		ppb
Cadmium	106-1	-1.21	-0.01	-2.04	-1.09		ppb
Cadmium	108-1	-0.03	0.05	-0.07	-0.02		ppb
Calcium	43-1	69536.57	70295.86	69660.56	69831.00	0.58	ppb
Calcium	44-1	70680.01	72281.87	70823.06	71261.64	1.24	ppb
Chromium	52-2	0.49	0.37	0.40	0.42	14.17	ppb
Cobalt	59-2	0.17	0.19	0.21	0.19	9.86	ppb
Copper	63-2	0.32	0.33	0.21	0.29	24.55	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				104		%
Holmium	165-2				89		%
Indium	115-1				96		%
Indium	115-2				73		%
Iron	56-2	1110.02	1105.16	1096.95	1104.04	0.60	ppb
Iron	57-2	1147.23	1126.61	1083.91	1119.25	2.89	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.04	0.04	6.99	ppb
Lead	207-1	0.05	0.05	0.04	0.05	11.93	ppb
Lead	208-1	0.04	0.04	0.04	0.04	8.62	ppb
Lithium	6-1				86		%
Magnesium	24-2	18572.89	18784.91	18530.81	18629.54	0.73	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05DUPDLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:02:41 DataFile Name : 086SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	93.63	99.25	96.44	96.44	2.92	ppb
Molybdenum	94-1	0.26	0.31	0.23	0.27	15.72	ppb
Molybdenum	95-1	0.23	0.21	0.24	0.23	5.71	ppb
Molybdenum	96-1	0.18	0.34	0.28	0.27	29.50	ppb
Molybdenum	97-1	0.28	0.19	0.33	0.27	26.53	ppb
Molybdenum	98-1	0.23	0.25	0.28	0.25	10.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.03	-0.11	0.00		ppb
Phosphorus	31-2	-8.51	81.47	36.06	36.34	123.80	ppb
Potassium	39-2	1912.63	2004.18	2104.64	2007.15	4.78	ppb
Rhodium	103-1				93		%
Rhodium	103-2				79		%
Scandium	45-1				79		%
Scandium	45-2				56		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	0.15	-1.34	-0.84		ppb
Selenium	82-1	0.62	1.02	0.87	0.84	23.81	ppb
Silicon	28-1	2320.86	2380.45	2355.67	2352.33	1.27	ppb
Silver	109-1	0.04	0.04	0.03	0.04	14.02	ppb
Silver	107-1	0.04	0.04	0.05	0.04	17.13	ppb
Sodium	23-2	24633.62	24776.32	24761.56	24723.83	0.32	ppb
Strontium	86-1	489.32	489.81	493.18	490.77	0.43	ppb
Strontium	88-1	503.44	506.86	504.49	504.93	0.35	ppb
Sulfur	34-1	59562.87	59805.28	59495.16	59621.10	0.27	ppb
Terbium	159-1				104		%
Terbium	159-2				89		%
Thallium	203-1	0.00	0.01	0.01	0.00	143.11	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	31.18	ppb
Tin	118-1	0.15	0.14	0.17	0.16	10.51	ppb
Titanium	47-1	0.20	0.37	0.17	0.24	43.61	ppb
Uranium	238-1	0.27	0.27	0.25	0.26	5.25	ppb
Vanadium	51-2	0.27	0.28	0.29	0.28	2.69	ppb
Yttrium	89-1				92		%
Yttrium	89-2				68		%
Zinc	66-2	0.78	0.80	0.41	0.66	33.42	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:02:41	DataFile Name :	086SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.07	0.07	0.07	3.32	ppb
Zirconium	91-1	0.04	0.06	0.04	0.05	14.93	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05LDLX10 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410LD Dilution Factor : 10
 Date & Time Acquired :: 2018-04-17 20:06:03 DataFile Name : 087SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.89	-1.84	4.31	-0.81		ppb
Antimony	121-1	-0.02	0.00	-0.02	-0.01		ppb
Arsenic	75-2	0.07	0.26	-0.03	0.10	146.83	ppb
Barium	135-1	1.27	1.37	1.21	1.28	6.25	ppb
Barium	137-1	1.33	1.38	1.38	1.36	2.41	ppb
Beryllium	9-1	0.09	0.06	0.09	0.08	21.25	ppb
Bismuth	209-1				113		%
Bismuth	209-2				91		%
Boron	10-1	43.79	38.23	46.99	43.00	10.31	ppb
Boron	11-1	42.17	41.91	41.10	41.73	1.33	ppb
Cadmium	111-1	-0.15	0.00	-0.01	-0.05		ppb
Cadmium	106-1	-2.17	-0.08	-0.17	-0.81		ppb
Cadmium	108-1	-0.03	0.05	-0.03	0.00		ppb
Calcium	43-1	13924.42	13972.55	13704.34	13867.10	1.03	ppb
Calcium	44-1	14252.81	14345.28	14329.70	14309.26	0.35	ppb
Chromium	52-2	0.12	0.25	0.23	0.20	33.95	ppb
Cobalt	59-2	0.02	0.03	0.04	0.03	28.77	ppb
Copper	63-2	0.10	0.17	0.19	0.16	29.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				90		%
Indium	115-1				97		%
Indium	115-2				76		%
Iron	56-2	214.72	215.29	215.02	215.01	0.13	ppb
Iron	57-2	208.41	200.96	169.59	192.99	10.67	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.02	0.02	28.50	ppb
Lead	207-1	0.02	0.01	0.01	0.01	61.33	ppb
Lead	208-1	0.02	0.02	0.02	0.02	15.84	ppb
Lithium	6-1				82		%
Magnesium	24-2	3601.19	3770.16	3612.16	3661.17	2.58	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05LDLX10 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410LD Dilution Factor : 10
 Date & Time Acquired :: 2018-04-17 20:06:03 DataFile Name : 087SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	18.97	20.40	17.23	18.86	8.41	ppb
Molybdenum	94-1	0.04	0.05	0.07	0.05	32.73	ppb
Molybdenum	95-1	0.03	-0.01	0.03	0.01	152.59	ppb
Molybdenum	96-1	0.04	0.05	0.05	0.05	6.56	ppb
Molybdenum	97-1	0.06	-0.01	0.09	0.05	103.11	ppb
Molybdenum	98-1	0.05	0.02	0.08	0.05	62.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.05	-0.96	-0.88	-0.96		ppb
Phosphorus	31-2	-8.51	-8.51	-8.51	-8.51		ppb
Potassium	39-2	402.28	393.35	414.54	403.39	2.64	ppb
Rhodium	103-1				95		%
Rhodium	103-2				82		%
Scandium	45-1				82		%
Scandium	45-2				60		%
Selenium	77-2	0.00	8.52	0.00	2.84	173.21	ppb
Selenium	78-2	-1.34	-1.34	0.08	-0.87		ppb
Selenium	82-1	1.85	0.35	-0.46	0.58	201.75	ppb
Silicon	28-1	461.51	454.41	448.33	454.75	1.45	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.96	ppb
Silver	107-1	0.02	0.01	0.02	0.02	20.20	ppb
Sodium	23-2	4839.48	4878.17	4791.89	4836.52	0.89	ppb
Strontium	86-1	97.60	97.86	99.63	98.36	1.13	ppb
Strontium	88-1	101.65	101.44	100.70	101.27	0.49	ppb
Sulfur	34-1	12745.08	12947.24	12530.95	12741.09	1.63	ppb
Terbium	159-1				104		%
Terbium	159-2				89		%
Thallium	203-1	-0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	35.35	ppb
Tin	118-1	-0.03	-0.02	-0.02	-0.02		ppb
Titanium	47-1	0.04	0.16	0.02	0.07	107.36	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	5.73	ppb
Vanadium	51-2	0.05	0.04	0.05	0.05	13.49	ppb
Yttrium	89-1				92		%
Yttrium	89-2				71		%
Zinc	66-2	0.23	0.08	0.18	0.16	46.13	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05LDLX10	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410LD	Dilution Factor :	10
Date & Time Acquired ::	2018-04-17 20:06:03	DataFile Name :	087SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.01	64.03	ppb
Zirconium	91-1	0.00	0.03	0.02	0.02	110.36	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-06DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:09:27 DataFile Name : 088SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1923.05	1790.29	1921.97	1878.44	4.06	ppb
Antimony	121-1	93.65	92.58	94.87	93.70	1.22	ppb
Arsenic	75-2	100.53	97.93	102.94	100.47	2.49	ppb
Barium	135-1	469.66	472.35	475.46	472.49	0.61	ppb
Barium	137-1	473.31	476.33	481.59	477.08	0.88	ppb
Beryllium	9-1	89.30	86.88	89.29	88.49	1.57	ppb
Bismuth	209-1				110		%
Bismuth	209-2				87		%
Boron	10-1	237.11	227.72	229.49	231.44	2.16	ppb
Boron	11-1	227.59	241.59	236.85	235.34	3.03	ppb
Cadmium	111-1	92.36	91.09	93.21	92.22	1.16	ppb
Cadmium	106-1	93.02	88.90	88.99	90.31	2.61	ppb
Cadmium	108-1	92.42	95.91	92.51	93.61	2.12	ppb
Calcium	43-1	83554.01	83086.19	82852.96	83164.39	0.43	ppb
Calcium	44-1	85177.51	84398.57	84157.88	84577.99	0.63	ppb
Chromium	52-2	111.14	115.59	112.74	113.16	1.99	ppb
Cobalt	59-2	114.09	119.23	116.12	116.48	2.22	ppb
Copper	63-2	233.93	246.27	243.68	241.29	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				86		%
Indium	115-1				92		%
Indium	115-2				68		%
Iron	56-2	6833.90	7091.22	7000.75	6975.29	1.87	ppb
Iron	57-2	6600.06	6708.68	6567.46	6625.40	1.12	ppb
Krypton	83-1						cps
Lead	206-1	97.11	98.57	97.60	97.76	0.76	ppb
Lead	207-1	96.09	95.81	96.36	96.09	0.29	ppb
Lead	208-1	97.02	96.95	97.47	97.15	0.29	ppb
Lithium	6-1				83		%
Magnesium	24-2	28668.23	29804.63	29344.64	29272.50	1.95	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-06DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:09:27 DataFile Name : 088SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	304.57	311.57	313.51	309.88	1.52	ppb
Molybdenum	94-1	501.58	505.29	502.60	503.15	0.38	ppb
Molybdenum	95-1	501.66	499.33	497.09	499.36	0.46	ppb
Molybdenum	96-1	502.64	500.78	490.76	498.06	1.28	ppb
Molybdenum	97-1	507.10	510.46	500.99	506.18	0.95	ppb
Molybdenum	98-1	522.96	529.14	527.50	526.53	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.59	122.12	119.75	119.49	2.32	ppb
Phosphorus	31-2	-8.51	-8.51	39.10	7.36	373.40	ppb
Potassium	39-2	6676.92	6929.96	6828.18	6811.69	1.87	ppb
Rhodium	103-1				90		%
Rhodium	103-2				75		%
Scandium	45-1				75		%
Scandium	45-2				53		%
Selenium	77-2	65.34	47.08	85.04	65.82	28.84	ppb
Selenium	78-2	82.99	85.28	102.99	90.42	12.10	ppb
Selenium	82-1	97.65	96.03	93.36	95.68	2.26	ppb
Silicon	28-1	2583.77	2558.89	2553.11	2565.26	0.64	ppb
Silver	109-1	91.94	91.48	92.80	92.07	0.73	ppb
Silver	107-1	90.69	91.08	93.70	91.82	1.78	ppb
Sodium	23-2	34906.13	36620.77	35980.64	35835.85	2.42	ppb
Strontium	86-1	606.22	609.53	608.58	608.11	0.28	ppb
Strontium	88-1	630.68	625.67	622.38	626.24	0.67	ppb
Sulfur	34-1	63375.58	63242.73	61204.36	62607.56	1.94	ppb
Terbium	159-1				101		%
Terbium	159-2				85		%
Thallium	203-1	98.92	98.15	98.82	98.63	0.42	ppb
Thallium	205-1	101.11	101.21	101.03	101.12	0.09	ppb
Tin	118-1	91.68	91.71	92.60	92.00	0.57	ppb
Titanium	47-1	500.69	485.70	490.99	492.46	1.54	ppb
Uranium	238-1	105.64	106.04	107.85	106.51	1.11	ppb
Vanadium	51-2	103.72	108.80	109.83	107.45	3.05	ppb
Yttrium	89-1				88		%
Yttrium	89-2				64		%
Zinc	66-2	217.21	228.79	225.81	223.94	2.69	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410M5	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:09:27	DataFile Name :	088SMPL_P8041718- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	99.61	100.22	98.86	99.56	0.68	ppb
Zirconium	91-1	98.25	100.39	97.52	98.72	1.51	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-07DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:12:50 DataFile Name : 089SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1862.19	2129.36	2081.91	2024.48	7.04	ppb
Antimony	121-1	92.57	93.21	92.86	92.88	0.34	ppb
Arsenic	75-2	98.46	102.54	103.13	101.38	2.51	ppb
Barium	135-1	465.45	471.10	468.20	468.25	0.60	ppb
Barium	137-1	474.10	473.61	472.62	473.44	0.16	ppb
Beryllium	9-1	87.97	88.86	87.97	88.27	0.58	ppb
Bismuth	209-1				112		%
Bismuth	209-2				90		%
Boron	10-1	232.00	245.32	252.45	243.26	4.27	ppb
Boron	11-1	239.91	245.04	244.65	243.20	1.17	ppb
Cadmium	111-1	90.52	91.55	90.61	90.89	0.63	ppb
Cadmium	106-1	90.45	91.09	92.11	91.21	0.92	ppb
Cadmium	108-1	88.78	90.49	88.72	89.33	1.13	ppb
Calcium	43-1	82110.10	83517.31	82948.89	82858.77	0.85	ppb
Calcium	44-1	83778.65	85069.88	84144.31	84330.95	0.79	ppb
Chromium	52-2	114.44	111.08	112.34	112.62	1.51	ppb
Cobalt	59-2	115.62	114.07	117.57	115.75	1.52	ppb
Copper	63-2	238.17	237.35	241.94	239.15	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				88		%
Indium	115-1				94		%
Indium	115-2				70		%
Iron	56-2	6969.76	6783.00	6934.69	6895.82	1.44	ppb
Iron	57-2	6688.53	6498.44	6438.48	6541.82	2.00	ppb
Krypton	83-1						cps
Lead	206-1	98.20	97.73	98.01	97.98	0.24	ppb
Lead	207-1	95.76	96.51	96.05	96.11	0.39	ppb
Lead	208-1	96.97	97.28	97.16	97.14	0.16	ppb
Lithium	6-1				84		%
Magnesium	24-2	29408.57	29247.39	29698.87	29451.61	0.78	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-07DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:12:50 DataFile Name : 089SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	313.64	303.51	306.37	307.84	1.70	ppb
Molybdenum	94-1	503.55	506.51	499.34	503.13	0.72	ppb
Molybdenum	95-1	502.38	501.12	496.56	500.02	0.61	ppb
Molybdenum	96-1	504.07	528.29	515.63	516.00	2.35	ppb
Molybdenum	97-1	508.42	507.30	494.46	503.39	1.54	ppb
Molybdenum	98-1	527.40	522.46	516.69	522.18	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	120.60	118.21	118.02	118.94	1.21	ppb
Phosphorus	31-2	-8.51	-8.51	-8.51	-8.51		ppb
Potassium	39-2	6842.29	6655.08	6738.36	6745.25	1.39	ppb
Rhodium	103-1				91		%
Rhodium	103-2				76		%
Scandium	45-1				77		%
Scandium	45-2				53		%
Selenium	77-2	102.27	94.28	65.69	87.41	22.00	ppb
Selenium	78-2	90.41	71.22	107.00	89.55	20.00	ppb
Selenium	82-1	101.25	97.90	95.00	98.05	3.19	ppb
Silicon	28-1	2545.38	2591.67	2567.71	2568.25	0.90	ppb
Silver	109-1	90.07	91.18	91.33	90.86	0.76	ppb
Silver	107-1	90.78	90.53	90.79	90.70	0.16	ppb
Sodium	23-2	36064.64	35370.75	36288.35	35907.91	1.33	ppb
Strontium	86-1	617.46	620.93	607.09	615.16	1.17	ppb
Strontium	88-1	632.46	632.56	628.81	631.28	0.34	ppb
Sulfur	34-1	62515.68	61829.06	62030.06	62124.93	0.57	ppb
Terbium	159-1				104		%
Terbium	159-2				87		%
Thallium	203-1	99.27	98.39	99.02	98.89	0.46	ppb
Thallium	205-1	101.20	101.59	101.16	101.32	0.24	ppb
Tin	118-1	91.48	92.08	90.65	91.40	0.79	ppb
Titanium	47-1	485.32	492.33	492.28	489.98	0.82	ppb
Uranium	238-1	107.75	107.70	106.70	107.38	0.55	ppb
Vanadium	51-2	109.40	106.42	106.60	107.47	1.55	ppb
Yttrium	89-1				89		%
Yttrium	89-2				64		%
Zinc	66-2	220.40	211.90	228.49	220.26	3.77	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-07DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410M5	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:12:50	DataFile Name :	089SMPL_P8041718- M5

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	99.13	99.45	97.39	98.66	1.12	ppb
Zirconium	91-1	97.47	98.95	96.48	97.63	1.27	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-08DLX5 Instrumnet Name : P8
 Client Sample ID : LF012OW009-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:16:11 DataFile Name : 090SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31.50	33.05	26.22	30.25	11.83	ppb
Antimony	121-1	0.13	0.13	0.11	0.12	10.12	ppb
Arsenic	75-2	0.79	1.11	0.94	0.94	16.86	ppb
Barium	135-1	41.87	39.37	38.37	39.87	4.52	ppb
Barium	137-1	42.47	39.15	38.81	40.14	5.04	ppb
Beryllium	9-1	0.11	0.13	0.20	0.15	30.29	ppb
Bismuth	209-1				112		%
Bismuth	209-2				91		%
Boron	10-1	60.43	54.01	55.11	56.52	6.07	ppb
Boron	11-1	58.61	55.01	56.52	56.71	3.19	ppb
Cadmium	111-1	-0.06	-0.02	-0.05	-0.04		ppb
Cadmium	106-1	-1.07	-0.63	-1.00	-0.90		ppb
Cadmium	108-1	0.02	0.05	0.01	0.03	81.48	ppb
Calcium	43-1	26981.53	25123.07	24583.76	25562.78	4.92	ppb
Calcium	44-1	27592.60	25977.30	25438.73	26336.21	4.26	ppb
Chromium	52-2	0.30	0.39	0.32	0.34	14.17	ppb
Cobalt	59-2	0.07	0.07	0.04	0.06	30.95	ppb
Copper	63-2	0.39	0.31	0.34	0.35	12.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				87		%
Indium	115-1				92		%
Indium	115-2				70		%
Iron	56-2	1039.19	1073.44	1086.06	1066.23	2.27	ppb
Iron	57-2	1009.53	1028.23	1076.50	1038.09	3.33	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.10	0.10	0.11	10.18	ppb
Lead	207-1	0.12	0.13	0.11	0.12	7.17	ppb
Lead	208-1	0.13	0.12	0.11	0.12	6.94	ppb
Lithium	6-1				84		%
Magnesium	24-2	3122.57	3338.54	3223.62	3228.24	3.35	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-08DLX5 Instrumnet Name : P8
 Client Sample ID : LF012OW009-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:16:11 DataFile Name : 090SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	60.82	62.51	65.05	62.79	3.39	ppb
Molybdenum	94-1	0.71	0.89	0.86	0.82	11.58	ppb
Molybdenum	95-1	0.65	0.70	0.71	0.68	4.24	ppb
Molybdenum	96-1	0.60	0.68	0.83	0.70	16.80	ppb
Molybdenum	97-1	0.63	0.71	0.79	0.71	11.12	ppb
Molybdenum	98-1	0.61	0.71	0.70	0.67	7.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.78	-0.37	-0.66	-0.60		ppb
Phosphorus	31-2	-8.51	37.94	-8.51	6.98	384.49	ppb
Potassium	39-2	1168.72	1228.72	1229.24	1208.89	2.88	ppb
Rhodium	103-1				89		%
Rhodium	103-2				76		%
Scandium	45-1				74		%
Scandium	45-2				54		%
Selenium	77-2	0.00	9.36	0.00	3.12	173.21	ppb
Selenium	78-2	0.23	-1.34	-1.34	-0.82		ppb
Selenium	82-1	0.59	1.02	0.91	0.84	26.48	ppb
Silicon	28-1	1775.93	1660.18	1651.10	1695.74	4.10	ppb
Silver	109-1	0.05	0.04	0.03	0.04	21.58	ppb
Silver	107-1	0.04	0.04	0.03	0.04	12.03	ppb
Sodium	23-2	6288.08	6525.29	6481.69	6431.69	1.96	ppb
Strontium	86-1	132.33	122.21	122.29	125.61	4.63	ppb
Strontium	88-1	137.57	129.56	128.69	131.94	3.71	ppb
Sulfur	34-1	4185.18	2807.17	2470.42	3154.26	28.80	ppb
Terbium	159-1				101		%
Terbium	159-2				86		%
Thallium	203-1	0.06	0.03	0.05	0.05	23.64	ppb
Thallium	205-1	0.05	0.04	0.04	0.05	9.80	ppb
Tin	118-1	0.27	0.20	0.23	0.23	14.80	ppb
Titanium	47-1	0.86	0.48	0.84	0.72	29.47	ppb
Uranium	238-1	0.29	0.28	0.30	0.29	4.19	ppb
Vanadium	51-2	0.15	0.17	0.25	0.19	28.09	ppb
Yttrium	89-1				86		%
Yttrium	89-2				64		%
Zinc	66-2	6.16	6.00	6.47	6.21	3.82	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-08DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012OW009-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:16:11	DataFile Name :	090SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.16	0.14	0.15	0.15	7.12	ppb
Zirconium	91-1	0.19	0.15	0.17	0.17	11.08	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 20:19:35	DataFile Name :	091CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49303.72	49844.84	50868.59	50005.72	1.59	ppb
Antimony	121-1	453.70	466.59	459.21	459.83	1.41	ppb
Arsenic	75-2	486.16	481.77	478.65	482.20	0.78	ppb
Barium	135-1	2375.12	2406.40	2354.41	2378.64	1.10	ppb
Barium	137-1	2374.89	2405.37	2356.43	2378.90	1.04	ppb
Beryllium	9-1	508.96	507.23	510.29	508.83	0.30	ppb
Bismuth	209-1				109		%
Bismuth	209-2				88		%
Boron	10-1	506.95	522.40	516.34	515.23	1.51	ppb
Boron	11-1	494.68	497.23	521.45	504.46	2.93	ppb
Cadmium	111-1	442.32	448.75	444.64	445.24	0.73	ppb
Cadmium	106-1	444.15	450.64	445.13	446.64	0.78	ppb
Cadmium	108-1	444.39	446.06	449.44	446.63	0.58	ppb
Calcium	43-1	236975.05	235950.03	235084.09	236003.06	0.40	ppb
Calcium	44-1	235405.69	233891.41	234524.27	234607.12	0.32	ppb
Chromium	52-2	517.94	529.40	528.73	525.36	1.22	ppb
Cobalt	59-2	514.20	522.87	517.07	518.04	0.85	ppb
Copper	63-2	1023.44	1036.59	1029.70	1029.91	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				91		%
Indium	115-1				94		%
Indium	115-2				74		%
Iron	56-2	129361.06	130327.71	128959.04	129549.27	0.54	ppb
Iron	57-2	124384.26	126172.70	125424.41	125327.12	0.72	ppb
Krypton	83-1						cps
Lead	206-1	501.38	507.01	497.29	501.89	0.97	ppb
Lead	207-1	494.31	501.83	500.85	499.00	0.82	ppb
Lead	208-1	499.72	503.84	504.70	502.76	0.53	ppb
Lithium	6-1				79		%
Magnesium	24-2	241894.95	244998.91	245575.18	244156.35	0.81	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 20:19:35	DataFile Name :	091CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	987.93	1015.87	998.67	1000.82	1.41	ppb
Molybdenum	94-1	2494.35	2519.54	2453.03	2488.97	1.35	ppb
Molybdenum	95-1	2467.52	2507.42	2475.74	2483.56	0.85	ppb
Molybdenum	96-1	2492.40	2491.70	2485.68	2489.93	0.15	ppb
Molybdenum	97-1	2520.57	2533.09	2468.45	2507.37	1.37	ppb
Molybdenum	98-1	2485.28	2501.22	2472.73	2486.41	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.34	529.50	530.71	527.18	0.97	ppb
Phosphorus	31-2	8965.01	10098.51	9081.53	9381.68	6.65	ppb
Potassium	39-2	114399.92	117354.75	117123.81	116292.83	1.41	ppb
Rhodium	103-1				91		%
Rhodium	103-2				79		%
Scandium	45-1				84		%
Scandium	45-2				65		%
Selenium	77-2	373.52	566.92	341.86	427.43	28.50	ppb
Selenium	78-2	459.68	457.74	472.53	463.32	1.74	ppb
Selenium	82-1	465.83	468.55	470.79	468.39	0.53	ppb
Silicon	28-1	471.28	466.80	474.72	470.93	0.84	ppb
Silver	109-1	449.00	453.64	449.07	450.57	0.59	ppb
Silver	107-1	444.42	456.42	443.04	447.96	1.64	ppb
Sodium	23-2	247339.36	252938.45	251094.76	250457.52	1.14	ppb
Strontium	86-1	489.32	493.45	488.74	490.51	0.52	ppb
Strontium	88-1	501.54	504.30	501.94	502.59	0.30	ppb
Sulfur	34-1	8603.24	8437.22	8490.48	8510.32	1.00	ppb
Terbium	159-1				105		%
Terbium	159-2				90		%
Thallium	203-1	497.94	494.54	495.53	496.00	0.35	ppb
Thallium	205-1	498.39	501.01	499.41	499.60	0.26	ppb
Tin	118-1	467.61	480.47	471.49	473.19	1.39	ppb
Titanium	47-1	2477.67	2389.34	2456.88	2441.30	1.89	ppb
Uranium	238-1	513.17	518.14	523.10	518.13	0.96	ppb
Vanadium	51-2	509.19	513.97	512.80	511.99	0.49	ppb
Yttrium	89-1				93		%
Yttrium	89-2				73		%
Zinc	66-2	999.39	1022.56	1003.82	1008.59	1.22	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 20:19:35	DataFile Name :	091CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	489.19	497.63	499.90	495.57	1.14	ppb
Zirconium	91-1	476.44	479.40	477.92	477.92	0.31	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P8
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 20:25:53	DataFile Name :	092CCBE_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.34	-1.79	4.02	1.19	243.77	ppb
Antimony	121-1	0.44	0.58	0.67	0.56	20.07	ppb
Arsenic	75-2	0.07	0.22	0.10	0.13	61.90	ppb
Barium	135-1	0.04	0.01	0.01	0.02	92.64	ppb
Barium	137-1	0.00	0.00	0.01	0.00	158.67	ppb
Beryllium	9-1	0.42	0.33	0.21	0.32	32.60	ppb
Bismuth	209-1				116		%
Bismuth	209-2				92		%
Boron	10-1	12.58	10.70	11.94	11.74	8.13	ppb
Boron	11-1	11.39	10.97	11.09	11.15	1.98	ppb
Cadmium	111-1	0.03	-0.02	-0.01	0.00	19394.90	ppb
Cadmium	106-1	-0.12	-0.73	-0.26	-0.37		ppb
Cadmium	108-1	0.05	-0.07	0.09	0.02	362.83	ppb
Calcium	43-1	-17.42	-13.98	-17.80	-16.40		ppb
Calcium	44-1	-2.06	-0.30	-3.60	-1.98		ppb
Chromium	52-2	0.11	0.01	0.34	0.15	110.25	ppb
Cobalt	59-2	0.02	-0.01	0.00	0.00	359.65	ppb
Copper	63-2	0.07	0.04	0.02	0.04	59.06	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				105		%
Holmium	165-2				89		%
Indium	115-1				98		%
Indium	115-2				76		%
Iron	56-2	3.41	4.47	3.55	3.81	15.12	ppb
Iron	57-2	4.65	-2.42	2.56	1.60	227.40	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.02	0.02	28.67	ppb
Lead	207-1	0.02	0.02	0.03	0.03	25.83	ppb
Lead	208-1	0.03	0.02	0.03	0.03	3.38	ppb
Lithium	6-1				82		%
Magnesium	24-2	2.31	3.55	7.58	4.48	61.44	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P8
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 20:25:53	DataFile Name :	092CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	0.18	0.05	0.11	58.22	ppb
Molybdenum	94-1	0.34	0.60	0.72	0.55	34.64	ppb
Molybdenum	95-1	0.45	0.58	0.78	0.61	27.57	ppb
Molybdenum	96-1	0.51	0.70	0.83	0.68	23.73	ppb
Molybdenum	97-1	0.44	0.56	0.79	0.59	30.30	ppb
Molybdenum	98-1	0.38	0.68	0.87	0.64	38.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.28	-1.25	-1.33	-1.29		ppb
Phosphorus	31-2	-8.51	-8.51	-8.51	-8.51		ppb
Potassium	39-2	9.71	-10.19	-24.11	-8.20		ppb
Rhodium	103-1				97		%
Rhodium	103-2				82		%
Scandium	45-1				83		%
Scandium	45-2				60		%
Selenium	77-2	0.00	0.00	8.23	2.74	173.21	ppb
Selenium	78-2	0.13	-1.34	-1.34	-0.85		ppb
Selenium	82-1	0.71	1.08	0.39	0.73	47.59	ppb
Silicon	28-1	-45.88	-45.99	-35.18	-42.35		ppb
Silver	109-1	0.02	0.01	0.01	0.02	34.55	ppb
Silver	107-1	0.02	0.02	0.02	0.02	3.85	ppb
Sodium	23-2	49.59	46.86	41.94	46.13	8.40	ppb
Strontium	86-1	-0.01	-0.08	-0.11	-0.07		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	20.19	ppb
Sulfur	34-1	-1512.18	-1392.47	-1328.68	-1411.11		ppb
Terbium	159-1				106		%
Terbium	159-2				89		%
Thallium	203-1	0.07	0.05	0.06	0.06	13.58	ppb
Thallium	205-1	0.06	0.07	0.08	0.07	15.45	ppb
Tin	118-1	0.11	0.16	0.16	0.15	18.70	ppb
Titanium	47-1	0.05	0.08	0.09	0.07	30.58	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	49.91	ppb
Vanadium	51-2	0.02	0.00	-0.02	0.00		ppb
Yttrium	89-1				94		%
Yttrium	89-2				71		%
Zinc	66-2	-0.47	-0.42	-0.38	-0.42		ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P8
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 20:25:53	DataFile Name :	092CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.06	0.05	0.05	32.18	ppb
Zirconium	91-1	0.03	0.04	0.06	0.04	36.11	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-09DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW042-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:29:17 DataFile Name : 093SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.60	62.01	30.72	40.44	46.25	ppb
Antimony	121-1	0.51	0.56	0.68	0.58	14.77	ppb
Arsenic	75-2	1.05	0.85	1.23	1.05	18.30	ppb
Barium	135-1	23.19	22.66	21.75	22.54	3.23	ppb
Barium	137-1	22.95	23.32	22.97	23.08	0.90	ppb
Beryllium	9-1	0.12	0.18	0.16	0.16	18.09	ppb
Bismuth	209-1				115		%
Bismuth	209-2				93		%
Boron	10-1	31.27	36.22	37.85	35.11	9.75	ppb
Boron	11-1	32.53	32.46	34.70	33.23	3.83	ppb
Cadmium	111-1	0.02	-0.05	-0.03	-0.02		ppb
Cadmium	106-1	-0.59	-1.30	-1.17	-1.02		ppb
Cadmium	108-1	0.09	0.49	0.05	0.21	115.38	ppb
Calcium	43-1	23936.85	23804.41	23445.27	23728.84	1.07	ppb
Calcium	44-1	24222.65	24360.59	24160.91	24248.05	0.42	ppb
Chromium	52-2	0.41	0.39	0.36	0.38	6.19	ppb
Cobalt	59-2	0.13	0.15	0.22	0.17	27.82	ppb
Copper	63-2	0.57	0.79	0.58	0.65	19.38	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				104		%
Holmium	165-2				90		%
Indium	115-1				96		%
Indium	115-2				74		%
Iron	56-2	301.58	297.69	285.99	295.09	2.75	ppb
Iron	57-2	318.59	284.03	275.68	292.77	7.77	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.13	0.12	0.12	9.48	ppb
Lead	207-1	0.10	0.09	0.12	0.10	15.92	ppb
Lead	208-1	0.11	0.12	0.12	0.12	3.76	ppb
Lithium	6-1				83		%
Magnesium	24-2	2027.31	2021.12	1903.12	1983.85	3.53	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-09DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW042-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:29:17 DataFile Name : 093SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	54.66	53.14	49.50	52.43	5.06	ppb
Molybdenum	94-1	0.49	0.64	0.67	0.60	16.07	ppb
Molybdenum	95-1	0.44	0.51	0.55	0.50	10.57	ppb
Molybdenum	96-1	0.45	0.47	0.59	0.50	14.34	ppb
Molybdenum	97-1	0.48	0.46	0.69	0.55	23.42	ppb
Molybdenum	98-1	0.47	0.48	0.66	0.54	19.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.53	-0.94	-0.72	-0.73		ppb
Phosphorus	31-2	-8.51	-8.51	-8.51	-8.51		ppb
Potassium	39-2	1676.73	1582.79	1619.32	1626.28	2.91	ppb
Rhodium	103-1				92		%
Rhodium	103-2				79		%
Scandium	45-1				78		%
Scandium	45-2				56		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.65	-1.34	0.17	0.16	947.03	ppb
Selenium	82-1	0.04	0.36	0.99	0.46	105.72	ppb
Silicon	28-1	1109.22	1119.26	1096.18	1108.22	1.04	ppb
Silver	109-1	0.08	0.06	0.06	0.07	14.15	ppb
Silver	107-1	0.09	0.07	0.07	0.08	14.39	ppb
Sodium	23-2	9404.04	9355.01	9035.02	9264.69	2.16	ppb
Strontium	86-1	71.20	70.73	70.19	70.71	0.72	ppb
Strontium	88-1	72.54	72.78	72.44	72.58	0.24	ppb
Sulfur	34-1	2504.63	2387.16	1843.61	2245.14	15.71	ppb
Terbium	159-1				105		%
Terbium	159-2				89		%
Thallium	203-1	0.16	0.12	0.10	0.13	26.05	ppb
Thallium	205-1	0.15	0.14	0.10	0.13	20.73	ppb
Tin	118-1	0.22	0.22	0.25	0.23	7.18	ppb
Titanium	47-1	0.51	0.50	0.43	0.48	9.44	ppb
Uranium	238-1	0.18	0.18	0.18	0.18	0.74	ppb
Vanadium	51-2	0.22	0.27	0.22	0.23	12.09	ppb
Yttrium	89-1				90		%
Yttrium	89-2				67		%
Zinc	66-2	3.55	3.88	3.10	3.51	11.18	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-09DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012RW042-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:29:17	DataFile Name :	093SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.15	0.12	0.13	13.41	ppb
Zirconium	91-1	0.14	0.15	0.10	0.13	18.45	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-10DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW160-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:32:41 DataFile Name : 094SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.89	1.99	1.81	-0.37		ppb
Antimony	121-1	0.30	0.41	0.39	0.37	16.70	ppb
Arsenic	75-2	0.28	0.25	0.36	0.30	18.88	ppb
Barium	135-1	42.38	41.08	41.27	41.57	1.69	ppb
Barium	137-1	42.13	42.56	42.23	42.31	0.54	ppb
Beryllium	9-1	0.14	0.16	0.10	0.13	21.23	ppb
Bismuth	209-1				114		%
Bismuth	209-2				91		%
Boron	10-1	61.69	67.21	68.16	65.69	5.32	ppb
Boron	11-1	63.88	66.17	67.12	65.72	2.53	ppb
Cadmium	111-1	0.39	0.34	0.32	0.35	9.38	ppb
Cadmium	106-1	-0.25	-0.58	-0.59	-0.47		ppb
Cadmium	108-1	0.42	0.38	0.33	0.37	11.38	ppb
Calcium	43-1	32275.54	32191.92	32131.20	32199.55	0.23	ppb
Calcium	44-1	33220.54	32778.88	33054.42	33017.95	0.68	ppb
Chromium	52-2	0.17	0.32	0.28	0.26	31.01	ppb
Cobalt	59-2	0.11	0.11	0.10	0.11	8.52	ppb
Copper	63-2	0.45	0.45	0.48	0.46	3.83	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				103		%
Holmium	165-2				89		%
Indium	115-1				94		%
Indium	115-2				72		%
Iron	56-2	239.35	254.83	248.38	247.52	3.14	ppb
Iron	57-2	226.50	233.63	231.19	230.44	1.57	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.23	0.23	0.23	2.93	ppb
Lead	207-1	0.21	0.24	0.19	0.22	9.94	ppb
Lead	208-1	0.22	0.22	0.20	0.22	4.71	ppb
Lithium	6-1				83		%
Magnesium	24-2	4233.62	4457.25	4349.67	4346.85	2.57	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-10DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW160-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:32:41 DataFile Name : 094SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	108.09	114.63	109.42	110.71	3.12	ppb
Molybdenum	94-1	0.44	0.44	0.47	0.45	4.00	ppb
Molybdenum	95-1	0.38	0.45	0.48	0.44	12.31	ppb
Molybdenum	96-1	0.38	0.50	0.49	0.46	14.86	ppb
Molybdenum	97-1	0.32	0.44	0.45	0.40	18.26	ppb
Molybdenum	98-1	0.37	0.46	0.49	0.44	14.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.63	-0.76	-0.84	-0.75		ppb
Phosphorus	31-2	-8.51	-8.51	-8.51	-8.51		ppb
Potassium	39-2	1288.51	1312.39	1265.82	1288.91	1.81	ppb
Rhodium	103-1				92		%
Rhodium	103-2				78		%
Scandium	45-1				77		%
Scandium	45-2				55		%
Selenium	77-2	0.00	9.13	9.28	6.14	86.61	ppb
Selenium	78-2	-1.34	1.71	-1.34	-0.32		ppb
Selenium	82-1	1.11	0.69	0.88	0.89	23.45	ppb
Silicon	28-1	1756.93	1735.51	1741.81	1744.75	0.63	ppb
Silver	109-1	0.05	0.03	0.03	0.04	27.43	ppb
Silver	107-1	0.06	0.04	0.05	0.05	18.92	ppb
Sodium	23-2	10434.86	10973.39	10600.28	10669.51	2.59	ppb
Strontium	86-1	157.08	160.52	160.41	159.34	1.23	ppb
Strontium	88-1	167.86	169.39	166.82	168.02	0.77	ppb
Sulfur	34-1	3743.78	3335.87	3473.79	3517.81	5.90	ppb
Terbium	159-1				103		%
Terbium	159-2				88		%
Thallium	203-1	0.04	0.02	0.05	0.04	42.87	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	12.58	ppb
Tin	118-1	0.26	0.19	0.26	0.23	16.46	ppb
Titanium	47-1	0.15	0.26	0.03	0.15	77.46	ppb
Uranium	238-1	0.15	0.16	0.15	0.15	5.37	ppb
Vanadium	51-2	0.02	0.02	0.05	0.03	48.38	ppb
Yttrium	89-1				90		%
Yttrium	89-2				65		%
Zinc	66-2	4.26	3.32	3.88	3.82	12.30	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012RW160-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:32:41	DataFile Name :	094SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.10	0.10	0.11	10.18	ppb
Zirconium	91-1	0.09	0.13	0.08	0.10	28.07	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-11DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW043-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:36:04 DataFile Name : 095SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.17	5.18	8.10	9.48	54.22	ppb
Antimony	121-1	0.32	0.40	0.38	0.36	10.86	ppb
Arsenic	75-2	1.13	1.14	1.01	1.09	7.05	ppb
Barium	135-1	30.27	31.03	30.86	30.72	1.31	ppb
Barium	137-1	31.08	30.42	30.73	30.75	1.07	ppb
Beryllium	9-1	0.11	0.17	0.13	0.14	22.90	ppb
Bismuth	209-1				115		%
Bismuth	209-2				92		%
Boron	10-1	82.78	84.14	85.24	84.05	1.47	ppb
Boron	11-1	80.53	81.66	83.28	81.82	1.69	ppb
Cadmium	111-1	0.05	0.00	0.00	0.02	207.08	ppb
Cadmium	106-1	-0.10	-1.05	-0.83	-0.66		ppb
Cadmium	108-1	0.05	-0.03	0.09	0.04	163.22	ppb
Calcium	43-1	39671.79	39507.63	39629.28	39602.90	0.22	ppb
Calcium	44-1	40503.40	40165.23	40397.63	40355.42	0.43	ppb
Chromium	52-2	0.43	0.52	0.41	0.45	12.34	ppb
Cobalt	59-2	0.12	0.19	0.12	0.14	25.11	ppb
Copper	63-2	0.69	0.62	0.50	0.60	16.19	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				104		%
Holmium	165-2				89		%
Indium	115-1				96		%
Indium	115-2				73		%
Iron	56-2	1246.26	1245.20	1202.64	1231.37	2.02	ppb
Iron	57-2	1247.20	1191.50	1120.42	1186.37	5.36	ppb
Krypton	83-1						cps
Lead	206-1	0.64	0.60	0.63	0.62	3.08	ppb
Lead	207-1	0.64	0.57	0.57	0.59	6.98	ppb
Lead	208-1	0.62	0.60	0.60	0.61	1.46	ppb
Lithium	6-1				84		%
Magnesium	24-2	5826.21	6112.21	5772.96	5903.79	3.09	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-11DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW043-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:36:04 DataFile Name : 095SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	36.87	35.21	36.32	36.13	2.35	ppb
Molybdenum	94-1	0.55	0.72	0.68	0.65	13.62	ppb
Molybdenum	95-1	0.66	0.62	0.71	0.66	6.87	ppb
Molybdenum	96-1	0.61	0.62	0.74	0.65	11.35	ppb
Molybdenum	97-1	0.63	0.66	0.71	0.67	6.19	ppb
Molybdenum	98-1	0.77	0.67	0.67	0.70	8.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.29	-0.31	-0.17	-0.26		ppb
Phosphorus	31-2	-8.51	-8.51	78.99	20.66	244.54	ppb
Potassium	39-2	1866.62	1822.13	1653.93	1780.89	6.30	ppb
Rhodium	103-1				92		%
Rhodium	103-2				78		%
Scandium	45-1				77		%
Scandium	45-2				56		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	-1.34	0.18	-0.83		ppb
Selenium	82-1	0.34	1.05	0.52	0.64	57.49	ppb
Silicon	28-1	1920.49	1887.91	1916.10	1908.17	0.93	ppb
Silver	109-1	0.04	0.03	0.04	0.04	11.74	ppb
Silver	107-1	0.04	0.04	0.03	0.04	25.80	ppb
Sodium	23-2	12444.19	12345.56	11920.65	12236.80	2.27	ppb
Strontium	86-1	199.14	196.30	199.24	198.23	0.84	ppb
Strontium	88-1	209.72	209.00	209.72	209.48	0.20	ppb
Sulfur	34-1	7954.38	7904.36	7829.18	7895.98	0.80	ppb
Terbium	159-1				104		%
Terbium	159-2				88		%
Thallium	203-1	0.00	0.02	0.00	0.01	130.27	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	11.18	ppb
Tin	118-1	0.22	0.21	0.23	0.22	4.66	ppb
Titanium	47-1	0.24	0.26	0.26	0.25	3.28	ppb
Uranium	238-1	1.27	1.23	1.26	1.25	1.47	ppb
Vanadium	51-2	0.73	0.62	0.57	0.64	12.84	ppb
Yttrium	89-1				90		%
Yttrium	89-2				66		%
Zinc	66-2	16.12	16.40	17.07	16.53	2.96	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-11DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012RW043-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:36:04	DataFile Name :	095SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.11	0.10	0.11	4.60	ppb
Zirconium	91-1	0.10	0.11	0.12	0.11	6.44	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-12DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW161-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:39:28 DataFile Name : 096SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.48	1.92	-4.89	-1.48		ppb
Antimony	121-1	0.18	0.19	0.20	0.19	6.84	ppb
Arsenic	75-2	0.78	1.09	0.77	0.88	20.72	ppb
Barium	135-1	31.61	31.89	31.85	31.78	0.47	ppb
Barium	137-1	32.10	32.16	32.33	32.20	0.38	ppb
Beryllium	9-1	0.06	0.12	0.17	0.11	47.61	ppb
Bismuth	209-1				113		%
Bismuth	209-2				91		%
Boron	10-1	64.88	73.49	70.66	69.68	6.30	ppb
Boron	11-1	71.43	70.77	73.11	71.77	1.68	ppb
Cadmium	111-1	-0.12	0.00	0.00	-0.04		ppb
Cadmium	106-1	-2.32	-0.80	-0.78	-1.30		ppb
Cadmium	108-1	-0.03	-0.07	0.09	0.00		ppb
Calcium	43-1	33702.05	33730.09	33203.50	33545.21	0.88	ppb
Calcium	44-1	34685.91	34228.49	33713.95	34209.45	1.42	ppb
Chromium	52-2	0.26	0.10	0.21	0.19	42.75	ppb
Cobalt	59-2	0.07	0.08	0.07	0.07	5.50	ppb
Copper	63-2	0.89	0.92	0.85	0.89	3.65	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				103		%
Holmium	165-2				88		%
Indium	115-1				95		%
Indium	115-2				72		%
Iron	56-2	730.73	731.83	732.53	731.70	0.12	ppb
Iron	57-2	741.39	698.67	721.41	720.49	2.97	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.23	0.21	0.22	4.15	ppb
Lead	207-1	0.19	0.19	0.19	0.19	1.40	ppb
Lead	208-1	0.21	0.21	0.20	0.20	2.86	ppb
Lithium	6-1				84		%
Magnesium	24-2	4567.24	4647.53	4649.11	4621.29	1.01	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-12DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW161-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:39:28 DataFile Name : 096SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	68.84	69.94	71.94	70.24	2.24	ppb
Molybdenum	94-1	0.33	0.31	0.40	0.35	14.18	ppb
Molybdenum	95-1	0.20	0.32	0.35	0.29	27.74	ppb
Molybdenum	96-1	0.29	0.34	0.37	0.33	12.55	ppb
Molybdenum	97-1	0.26	0.24	0.23	0.24	6.95	ppb
Molybdenum	98-1	0.32	0.30	0.33	0.32	4.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.83	-0.57	-0.63	-0.68		ppb
Phosphorus	31-2	37.50	-8.51	-8.51	6.83	389.07	ppb
Potassium	39-2	1287.53	1282.00	1273.59	1281.04	0.55	ppb
Rhodium	103-1				91		%
Rhodium	103-2				78		%
Scandium	45-1				77		%
Scandium	45-2				54		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	3.31	-1.34	1.72	1.23	192.09	ppb
Selenium	82-1	0.29	1.63	0.01	0.64	134.47	ppb
Silicon	28-1	1987.60	1992.79	1975.88	1985.42	0.44	ppb
Silver	109-1	0.02	0.03	0.03	0.03	18.73	ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.03	ppb
Sodium	23-2	11433.27	11314.66	11383.33	11377.08	0.52	ppb
Strontium	86-1	165.62	167.68	167.65	166.98	0.71	ppb
Strontium	88-1	176.69	176.30	177.24	176.74	0.27	ppb
Sulfur	34-1	3890.63	3600.82	3460.71	3650.72	6.01	ppb
Terbium	159-1				103		%
Terbium	159-2				87		%
Thallium	203-1	0.00	0.01	0.01	0.01	71.70	ppb
Thallium	205-1	0.00	0.00	0.02	0.01	95.04	ppb
Tin	118-1	0.11	0.16	0.16	0.14	20.47	ppb
Titanium	47-1	0.11	0.06	0.08	0.09	29.81	ppb
Uranium	238-1	0.23	0.22	0.23	0.23	1.67	ppb
Vanadium	51-2	0.11	0.01	0.08	0.07	79.54	ppb
Yttrium	89-1				89		%
Yttrium	89-2				65		%
Zinc	66-2	11.38	12.24	15.06	12.89	14.94	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-12DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012RW161-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:39:28	DataFile Name :	096SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.07	0.06	0.06	22.24	ppb
Zirconium	91-1	0.06	0.04	0.04	0.05	20.22	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-13DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW162-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:42:50 DataFile Name : 097SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.97	-4.89	-1.55	-1.49		ppb
Antimony	121-1	0.09	0.15	0.17	0.14	29.30	ppb
Arsenic	75-2	1.09	1.17	1.13	1.13	3.57	ppb
Barium	135-1	29.25	29.89	29.19	29.44	1.32	ppb
Barium	137-1	29.13	30.63	29.86	29.87	2.51	ppb
Beryllium	9-1	0.13	0.13	0.09	0.12	23.83	ppb
Bismuth	209-1				112		%
Bismuth	209-2				90		%
Boron	10-1	72.13	79.51	78.59	76.74	5.24	ppb
Boron	11-1	74.28	79.83	80.00	78.04	4.17	ppb
Cadmium	111-1	-0.05	-0.10	0.06	-0.03		ppb
Cadmium	106-1	-1.14	-1.57	0.42	-0.77		ppb
Cadmium	108-1	0.05	-0.03	0.09	0.04	158.55	ppb
Calcium	43-1	35513.57	35491.38	35993.07	35666.01	0.79	ppb
Calcium	44-1	36223.70	36010.56	36154.32	36129.53	0.30	ppb
Chromium	52-2	0.19	0.31	0.10	0.20	51.95	ppb
Cobalt	59-2	0.13	0.11	0.06	0.10	38.45	ppb
Copper	63-2	0.82	0.83	0.85	0.83	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				87		%
Indium	115-1				93		%
Indium	115-2				71		%
Iron	56-2	805.89	809.26	790.07	801.74	1.28	ppb
Iron	57-2	807.79	824.36	749.82	793.99	4.93	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.10	0.09	15.83	ppb
Lead	207-1	0.09	0.07	0.08	0.08	13.48	ppb
Lead	208-1	0.09	0.09	0.09	0.09	1.95	ppb
Lithium	6-1				83		%
Magnesium	24-2	5247.77	5231.86	5010.77	5163.47	2.57	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-13DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW162-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:42:50 DataFile Name : 097SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	87.33	89.38	86.69	87.80	1.60	ppb
Molybdenum	94-1	0.31	0.23	0.30	0.28	14.89	ppb
Molybdenum	95-1	0.17	0.10	0.17	0.15	27.76	ppb
Molybdenum	96-1	0.26	0.23	0.20	0.23	12.40	ppb
Molybdenum	97-1	0.17	0.12	0.27	0.19	39.82	ppb
Molybdenum	98-1	0.16	0.17	0.25	0.20	25.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.40	-0.54	-0.60	-0.51		ppb
Phosphorus	31-2	-8.51	-8.51	-8.51	-8.51		ppb
Potassium	39-2	1654.20	1536.94	1507.58	1566.24	4.95	ppb
Rhodium	103-1				90		%
Rhodium	103-2				76		%
Scandium	45-1				76		%
Scandium	45-2				54		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.19	1.76	0.21	0.72	124.30	ppb
Selenium	82-1	0.75	1.61	-0.19	0.72	124.84	ppb
Silicon	28-1	2278.77	2265.27	2252.15	2265.40	0.59	ppb
Silver	109-1	0.04	0.03	0.04	0.03	22.02	ppb
Silver	107-1	0.03	0.03	0.02	0.03	9.54	ppb
Sodium	23-2	12876.63	12834.44	12601.82	12770.96	1.16	ppb
Strontium	86-1	189.26	185.57	184.48	186.44	1.35	ppb
Strontium	88-1	197.69	195.14	194.18	195.67	0.93	ppb
Sulfur	34-1	4701.08	4635.19	4544.96	4627.08	1.69	ppb
Terbium	159-1				102		%
Terbium	159-2				87		%
Thallium	203-1	0.00	0.00	0.01	0.00	118.91	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	46.74	ppb
Tin	118-1	0.12	0.15	0.14	0.14	8.20	ppb
Titanium	47-1	0.15	0.23	0.12	0.17	35.77	ppb
Uranium	238-1	0.22	0.20	0.22	0.21	3.84	ppb
Vanadium	51-2	0.06	0.00	0.02	0.03	122.54	ppb
Yttrium	89-1				88		%
Yttrium	89-2				65		%
Zinc	66-2	14.92	13.60	15.47	14.66	6.55	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-13DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012RW162-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:42:50	DataFile Name :	097SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.06	0.06	6.85	ppb
Zirconium	91-1	0.07	0.06	0.09	0.07	17.32	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-14DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW163-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:46:15 DataFile Name : 098SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.93	-4.89	-4.89	-2.62		ppb
Antimony	121-1	0.11	0.14	0.19	0.15	26.50	ppb
Arsenic	75-2	0.81	0.98	1.51	1.10	33.59	ppb
Barium	135-1	26.66	27.13	27.19	26.99	1.08	ppb
Barium	137-1	26.50	26.77	28.30	27.19	3.57	ppb
Beryllium	9-1	0.14	0.12	0.09	0.12	20.89	ppb
Bismuth	209-1				111		%
Bismuth	209-2				91		%
Boron	10-1	78.16	79.27	90.68	82.70	8.38	ppb
Boron	11-1	78.75	80.18	85.72	81.55	4.52	ppb
Cadmium	111-1	-0.07	-0.07	-0.09	-0.08		ppb
Cadmium	106-1	-1.04	-1.11	-1.28	-1.14		ppb
Cadmium	108-1	0.01	0.05	0.06	0.04	63.33	ppb
Calcium	43-1	36551.61	36015.09	38962.54	37176.41	4.22	ppb
Calcium	44-1	36820.91	36844.05	39704.23	37789.73	4.39	ppb
Chromium	52-2	0.90	0.93	1.18	1.00	15.18	ppb
Cobalt	59-2	0.10	0.07	0.10	0.09	22.48	ppb
Copper	63-2	0.25	0.27	0.18	0.23	19.25	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				101		%
Holmium	165-2				88		%
Indium	115-1				92		%
Indium	115-2				71		%
Iron	56-2	638.01	614.70	633.25	628.65	1.96	ppb
Iron	57-2	620.66	619.97	605.01	615.21	1.44	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.06	0.04	39.63	ppb
Lead	207-1	0.05	0.04	0.04	0.04	18.80	ppb
Lead	208-1	0.04	0.04	0.04	0.04	7.16	ppb
Lithium	6-1				83		%
Magnesium	24-2	5496.39	5231.18	5447.32	5391.63	2.62	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-14DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW163-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:46:15 DataFile Name : 098SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	80.46	78.91	78.11	79.16	1.51	ppb
Molybdenum	94-1	0.19	0.14	0.23	0.19	21.98	ppb
Molybdenum	95-1	0.20	0.22	0.14	0.19	24.11	ppb
Molybdenum	96-1	0.18	0.17	0.26	0.20	25.75	ppb
Molybdenum	97-1	0.14	0.17	0.18	0.17	12.36	ppb
Molybdenum	98-1	0.16	0.19	0.24	0.20	18.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.60	-0.34	-0.68	-0.54		ppb
Phosphorus	31-2	-8.51	36.43	-8.51	6.47	400.99	ppb
Potassium	39-2	1548.63	1457.73	1505.96	1504.11	3.02	ppb
Rhodium	103-1				90		%
Rhodium	103-2				78		%
Scandium	45-1				74		%
Scandium	45-2				54		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	0.19	-1.34	-0.83		ppb
Selenium	82-1	0.36	0.76	1.08	0.73	48.66	ppb
Silicon	28-1	2365.98	2323.78	2557.71	2415.82	5.16	ppb
Silver	109-1	0.03	0.02	0.04	0.03	33.93	ppb
Silver	107-1	0.02	0.03	0.03	0.03	12.73	ppb
Sodium	23-2	13677.08	13374.84	13631.76	13561.22	1.20	ppb
Strontium	86-1	200.88	196.56	208.16	201.87	2.90	ppb
Strontium	88-1	210.71	206.92	218.41	212.01	2.76	ppb
Sulfur	34-1	5562.58	5632.75	7686.62	6293.98	19.17	ppb
Terbium	159-1				101		%
Terbium	159-2				87		%
Thallium	203-1	0.01	0.01	0.02	0.01	48.87	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	34.59	ppb
Tin	118-1	0.17	0.17	0.13	0.16	13.18	ppb
Titanium	47-1	0.02	0.25	0.21	0.16	77.40	ppb
Uranium	238-1	0.40	0.40	0.44	0.41	6.47	ppb
Vanadium	51-2	0.05	0.11	0.09	0.08	38.05	ppb
Yttrium	89-1				87		%
Yttrium	89-2				65		%
Zinc	66-2	2.34	2.11	2.26	2.24	5.19	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-14DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012RW163-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:46:15	DataFile Name :	098SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.06	0.05	0.06	20.66	ppb
Zirconium	91-1	0.08	0.04	0.04	0.06	42.52	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-15DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW086-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:49:38 DataFile Name : 099SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.83	-1.57	-4.89	-0.54		ppb
Antimony	121-1	0.09	0.11	0.14	0.11	19.59	ppb
Arsenic	75-2	0.14	0.37	0.07	0.19	80.89	ppb
Barium	135-1	4.74	4.82	4.53	4.70	3.26	ppb
Barium	137-1	4.74	4.73	4.72	4.73	0.15	ppb
Beryllium	9-1	0.03	0.08	0.09	0.07	45.31	ppb
Bismuth	209-1				112		%
Bismuth	209-2				90		%
Boron	10-1	776.35	772.57	786.68	778.53	0.94	ppb
Boron	11-1	785.16	801.87	814.42	800.48	1.83	ppb
Cadmium	111-1	-0.03	-0.15	-0.08	-0.09		ppb
Cadmium	106-1	-0.41	-2.15	-1.34	-1.30		ppb
Cadmium	108-1	0.13	0.01	-0.03	0.04	218.53	ppb
Calcium	43-1	86687.61	86355.30	87426.46	86823.13	0.63	ppb
Calcium	44-1	87974.41	87601.28	89581.96	88385.88	1.19	ppb
Chromium	52-2	1.13	1.21	0.82	1.05	19.30	ppb
Cobalt	59-2	-0.01	0.03	0.01	0.01	290.92	ppb
Copper	63-2	0.47	0.47	0.36	0.43	14.51	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				104		%
Holmium	165-2				89		%
Indium	115-1				94		%
Indium	115-2				74		%
Iron	56-2	1333.08	1361.39	1308.45	1334.31	1.99	ppb
Iron	57-2	1277.74	1354.54	1209.19	1280.49	5.68	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	10.78	ppb
Lead	207-1	0.05	0.05	0.04	0.05	12.82	ppb
Lead	208-1	0.04	0.04	0.04	0.04	0.15	ppb
Lithium	6-1				82		%
Magnesium	24-2	56763.67	57891.84	54975.34	56543.62	2.60	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-15DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW086-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:49:38 DataFile Name : 099SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	170.31	179.66	164.35	171.44	4.50	ppb
Molybdenum	94-1	0.81	0.64	0.63	0.69	14.25	ppb
Molybdenum	95-1	0.01	0.03	0.03	0.02	40.74	ppb
Molybdenum	96-1	0.15	0.14	0.21	0.16	22.56	ppb
Molybdenum	97-1	0.05	0.06	0.05	0.05	11.74	ppb
Molybdenum	98-1	0.05	0.07	0.08	0.06	24.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.14	-1.30	-1.16	-1.20		ppb
Phosphorus	31-2	-8.51	36.29	-8.51	6.42	402.64	ppb
Potassium	39-2	736.01	783.02	721.50	746.84	4.31	ppb
Rhodium	103-1				91		%
Rhodium	103-2				78		%
Scandium	45-1				78		%
Scandium	45-2				57		%
Selenium	77-2	0.00	0.00	8.75	2.92	173.21	ppb
Selenium	78-2	-1.34	0.13	3.06	0.62	363.52	ppb
Selenium	82-1	0.32	1.24	0.80	0.79	57.88	ppb
Silicon	28-1	2625.50	2619.10	2656.49	2633.70	0.76	ppb
Silver	109-1	0.02	0.01	0.03	0.02	48.99	ppb
Silver	107-1	0.03	0.03	0.03	0.03	1.96	ppb
Sodium	23-2	145851.60	148496.50	140835.04	145061.05	2.68	ppb
Strontium	86-1	1240.17	1266.42	1255.73	1254.11	1.05	ppb
Strontium	88-1	1236.36	1255.23	1251.76	1247.79	0.81	ppb
Sulfur	34-1	140373.18	139636.52	143316.02	141108.57	1.38	ppb
Terbium	159-1				103		%
Terbium	159-2				88		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	142.37	ppb
Tin	118-1	0.14	0.15	0.17	0.15	10.88	ppb
Titanium	47-1	0.31	0.06	0.32	0.23	64.85	ppb
Uranium	238-1	0.39	0.41	0.40	0.40	2.34	ppb
Vanadium	51-2	0.23	0.25	0.25	0.25	4.45	ppb
Yttrium	89-1				89		%
Yttrium	89-2				68		%
Zinc	66-2	0.44	0.79	0.68	0.64	28.37	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-15DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW086-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:49:38	DataFile Name :	099SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.42	0.39	0.41	0.40	3.65	ppb
Zirconium	91-1	0.35	0.38	0.46	0.39	14.37	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-16DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0441-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:53:02	DataFile Name :	100SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.77	-4.89	-4.89	-1.67		ppb
Antimony	121-1	0.24	0.22	0.22	0.23	5.31	ppb
Arsenic	75-2	0.71	0.67	0.81	0.73	9.79	ppb
Barium	135-1	30.19	30.52	29.65	30.12	1.46	ppb
Barium	137-1	30.10	30.67	30.58	30.45	1.01	ppb
Beryllium	9-1	0.06	0.01	0.11	0.06	85.48	ppb
Bismuth	209-1				113		%
Bismuth	209-2				91		%
Boron	10-1	100.57	98.60	96.39	98.52	2.12	ppb
Boron	11-1	102.56	98.30	99.21	100.02	2.24	ppb
Cadmium	111-1	-0.07	-0.01	-0.07	-0.05		ppb
Cadmium	106-1	-1.73	-1.03	-1.57	-1.44		ppb
Cadmium	108-1	0.09	-0.07	-0.03	0.00		ppb
Calcium	43-1	39236.92	39661.60	39574.54	39491.02	0.57	ppb
Calcium	44-1	40461.93	40244.86	40348.04	40351.61	0.27	ppb
Chromium	52-2	0.26	0.36	0.29	0.30	16.02	ppb
Cobalt	59-2	0.11	0.09	0.04	0.08	46.41	ppb
Copper	63-2	0.50	0.56	0.59	0.55	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				104		%
Holmium	165-2				89		%
Indium	115-1				96		%
Indium	115-2				74		%
Iron	56-2	236.42	245.92	240.57	240.97	1.97	ppb
Iron	57-2	242.39	251.26	261.90	251.85	3.88	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.09	0.06	0.08	17.18	ppb
Lead	207-1	0.09	0.09	0.10	0.09	10.59	ppb
Lead	208-1	0.07	0.08	0.08	0.08	7.60	ppb
Lithium	6-1				85		%
Magnesium	24-2	5933.69	6213.98	6225.51	6124.39	2.70	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-16DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0441-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:53:02	DataFile Name :	100SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.75	26.65	27.61	27.00	1.95	ppb
Molybdenum	94-1	0.42	0.52	0.49	0.48	10.65	ppb
Molybdenum	95-1	0.51	0.55	0.59	0.55	7.84	ppb
Molybdenum	96-1	0.56	0.54	0.53	0.54	2.92	ppb
Molybdenum	97-1	0.49	0.48	0.49	0.49	1.47	ppb
Molybdenum	98-1	0.51	0.51	0.58	0.53	7.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.51	-0.28	-0.59	-0.46		ppb
Phosphorus	31-2	121.73	35.96	-8.51	49.73	133.14	ppb
Potassium	39-2	1849.40	1810.27	1871.99	1843.89	1.69	ppb
Rhodium	103-1				93		%
Rhodium	103-2				80		%
Scandium	45-1				79		%
Scandium	45-2				56		%
Selenium	77-2	0.00	8.76	0.00	2.92	173.21	ppb
Selenium	78-2	0.13	-1.34	-1.34	-0.85		ppb
Selenium	82-1	-0.33	0.38	0.30	0.12	330.83	ppb
Silicon	28-1	1883.78	1885.89	1888.88	1886.18	0.14	ppb
Silver	109-1	0.03	0.02	0.02	0.03	23.57	ppb
Silver	107-1	0.02	0.03	0.04	0.03	32.33	ppb
Sodium	23-2	12443.42	12782.92	12839.03	12688.46	1.69	ppb
Strontium	86-1	200.46	201.13	198.67	200.08	0.64	ppb
Strontium	88-1	211.74	211.09	206.32	209.72	1.41	ppb
Sulfur	34-1	8508.23	8505.47	8339.61	8451.10	1.14	ppb
Terbium	159-1				104		%
Terbium	159-2				89		%
Thallium	203-1	0.00	0.01	0.01	0.00	221.87	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	19.63	ppb
Tin	118-1	0.13	0.16	0.15	0.14	9.98	ppb
Titanium	47-1	0.09	0.03	0.07	0.06	51.35	ppb
Uranium	238-1	1.28	1.23	1.29	1.27	2.43	ppb
Vanadium	51-2	0.29	0.28	0.19	0.25	21.89	ppb
Yttrium	89-1				91		%
Yttrium	89-2				68		%
Zinc	66-2	10.91	11.79	11.76	11.49	4.35	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-16DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0441-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:53:02	DataFile Name :	100SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.04	0.04	6.66	ppb
Zirconium	91-1	0.04	0.04	0.07	0.05	33.90	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-18DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW026-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:56:25 DataFile Name : 101SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.66	-4.89	2.13	-1.47		ppb
Antimony	121-1	0.09	0.10	0.14	0.11	23.05	ppb
Arsenic	75-2	0.49	0.72	0.57	0.59	20.21	ppb
Barium	135-1	14.89	14.65	14.68	14.74	0.91	ppb
Barium	137-1	14.97	15.18	15.28	15.14	1.05	ppb
Beryllium	9-1	0.03	0.06	0.03	0.04	53.15	ppb
Bismuth	209-1				113		%
Bismuth	209-2				89		%
Boron	10-1	70.24	68.89	70.21	69.78	1.11	ppb
Boron	11-1	66.38	67.06	69.18	67.54	2.16	ppb
Cadmium	111-1	-0.04	0.01	-0.05	-0.02		ppb
Cadmium	106-1	-1.33	-0.53	-1.38	-1.08		ppb
Cadmium	108-1	-0.07	0.05	0.13	0.04	265.82	ppb
Calcium	43-1	31988.66	32454.58	31694.13	32045.79	1.20	ppb
Calcium	44-1	33001.46	32839.78	32423.88	32755.04	0.91	ppb
Chromium	52-2	0.57	0.66	0.85	0.69	20.84	ppb
Cobalt	59-2	0.38	0.48	0.39	0.41	12.98	ppb
Copper	63-2	0.33	0.28	0.33	0.31	9.46	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				102		%
Holmium	165-2				87		%
Indium	115-1				94		%
Indium	115-2				71		%
Iron	56-2	1208.94	1262.21	1304.48	1258.54	3.80	ppb
Iron	57-2	1176.99	1247.71	1323.91	1249.54	5.88	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	28.10	ppb
Lead	207-1	0.03	0.04	0.01	0.02	53.98	ppb
Lead	208-1	0.02	0.02	0.01	0.02	27.17	ppb
Lithium	6-1				85		%
Magnesium	24-2	4310.41	4509.36	4577.09	4465.62	3.10	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-18DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW026-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:56:25 DataFile Name : 101SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	145.46	154.10	159.79	153.12	4.71	ppb
Molybdenum	94-1	0.80	0.55	0.72	0.69	18.47	ppb
Molybdenum	95-1	0.81	0.85	0.91	0.86	6.09	ppb
Molybdenum	96-1	0.75	0.87	0.75	0.79	8.71	ppb
Molybdenum	97-1	0.90	0.84	0.75	0.83	9.34	ppb
Molybdenum	98-1	0.88	0.90	0.90	0.89	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.49	7.86	8.84	8.06	8.62	ppb
Phosphorus	31-2	35.06	-8.51	-8.51	6.01	418.23	ppb
Potassium	39-2	794.34	773.14	890.74	819.40	7.65	ppb
Rhodium	103-1				93		%
Rhodium	103-2				77		%
Scandium	45-1				79		%
Scandium	45-2				54		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.17	0.17	-1.34	-0.33		ppb
Selenium	82-1	0.60	0.23	0.41	0.41	44.69	ppb
Silicon	28-1	1565.85	1554.84	1520.87	1547.19	1.52	ppb
Silver	109-1	0.03	0.03	0.02	0.03	19.04	ppb
Silver	107-1	0.01	0.02	0.02	0.02	17.24	ppb
Sodium	23-2	10180.63	10730.52	10822.59	10577.91	3.28	ppb
Strontium	86-1	148.30	147.00	146.70	147.34	0.58	ppb
Strontium	88-1	155.52	155.98	154.23	155.24	0.58	ppb
Sulfur	34-1	12186.94	12203.98	11571.00	11987.31	3.01	ppb
Terbium	159-1				103		%
Terbium	159-2				86		%
Thallium	203-1	-0.01	0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.01	0.01	0.01	49.84	ppb
Tin	118-1	0.19	0.14	0.19	0.18	17.23	ppb
Titanium	47-1	0.03	0.20	0.03	0.09	118.39	ppb
Uranium	238-1	0.65	0.62	0.65	0.64	2.54	ppb
Vanadium	51-2	0.07	0.05	0.05	0.06	21.10	ppb
Yttrium	89-1				90		%
Yttrium	89-2				66		%
Zinc	66-2	1.50	1.77	2.54	1.94	27.94	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-18DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW026-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:56:25	DataFile Name :	101SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.05	0.04	10.87	ppb
Zirconium	91-1	0.04	0.03	0.08	0.05	51.17	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-19DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW147-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:59:48 DataFile Name : 102SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.89	-1.63	-4.89	-3.80		ppb
Antimony	121-1	0.11	0.12	0.13	0.12	8.13	ppb
Arsenic	75-2	1.63	1.71	1.58	1.64	3.73	ppb
Barium	135-1	28.03	28.05	28.60	28.23	1.15	ppb
Barium	137-1	28.95	28.26	28.98	28.73	1.42	ppb
Beryllium	9-1	0.02	0.03	0.11	0.05	95.58	ppb
Bismuth	209-1				111		%
Bismuth	209-2				91		%
Boron	10-1	61.50	60.77	62.95	61.74	1.80	ppb
Boron	11-1	59.71	60.34	61.01	60.35	1.08	ppb
Cadmium	111-1	-0.06	-0.07	-0.07	-0.06		ppb
Cadmium	106-1	-0.93	-1.10	-1.01	-1.01		ppb
Cadmium	108-1	-0.03	-0.07	0.10	0.00		ppb
Calcium	43-1	29262.99	29482.90	28889.41	29211.77	1.03	ppb
Calcium	44-1	30277.38	30171.49	29558.55	30002.47	1.29	ppb
Chromium	52-2	0.35	0.38	0.40	0.37	7.01	ppb
Cobalt	59-2	0.08	0.03	0.04	0.05	55.50	ppb
Copper	63-2	0.21	0.15	0.23	0.20	20.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				88		%
Indium	115-1				94		%
Indium	115-2				73		%
Iron	56-2	863.69	843.84	862.34	856.62	1.29	ppb
Iron	57-2	838.69	848.51	847.21	844.80	0.63	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.01	0.01	56.20	ppb
Lead	207-1	0.01	0.01	0.02	0.01	22.73	ppb
Lead	208-1	0.01	0.02	0.01	0.01	35.79	ppb
Lithium	6-1				84		%
Magnesium	24-2	4019.98	4016.73	4013.54	4016.75	0.08	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-19DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW147-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:59:48 DataFile Name : 102SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	209.50	205.10	207.18	207.26	1.06	ppb
Molybdenum	94-1	0.15	0.15	0.14	0.15	2.96	ppb
Molybdenum	95-1	0.12	0.05	0.11	0.09	40.37	ppb
Molybdenum	96-1	0.13	0.15	0.16	0.15	10.51	ppb
Molybdenum	97-1	0.11	0.09	0.15	0.12	25.92	ppb
Molybdenum	98-1	0.11	0.15	0.17	0.15	20.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.00	-0.86	-0.92	-0.93		ppb
Phosphorus	31-2	-8.51	-8.51	36.09	6.36	404.99	ppb
Potassium	39-2	1051.58	963.35	1019.11	1011.35	4.41	ppb
Rhodium	103-1				91		%
Rhodium	103-2				78		%
Scandium	45-1				76		%
Scandium	45-2				56		%
Selenium	77-2	0.00	0.00	9.06	3.02	173.21	ppb
Selenium	78-2	-1.34	0.16	-1.34	-0.84		ppb
Selenium	82-1	0.48	0.98	0.79	0.75	33.21	ppb
Silicon	28-1	1974.75	1935.62	1937.77	1949.38	1.13	ppb
Silver	109-1	0.02	0.03	0.02	0.03	16.41	ppb
Silver	107-1	0.02	0.02	0.01	0.02	31.40	ppb
Sodium	23-2	9454.00	9168.12	9428.68	9350.27	1.69	ppb
Strontium	86-1	148.83	147.96	147.11	147.97	0.58	ppb
Strontium	88-1	154.03	155.37	155.04	154.81	0.45	ppb
Sulfur	34-1	6000.02	5926.68	5553.43	5826.71	4.11	ppb
Terbium	159-1				101		%
Terbium	159-2				87		%
Thallium	203-1	0.00	0.01	-0.01	0.00	2143.38	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	143.97	ppb
Tin	118-1	0.16	0.12	0.13	0.14	15.11	ppb
Titanium	47-1	0.16	0.10	0.05	0.10	55.59	ppb
Uranium	238-1	0.07	0.06	0.07	0.06	6.52	ppb
Vanadium	51-2	0.09	0.01	0.07	0.06	74.22	ppb
Yttrium	89-1				88		%
Yttrium	89-2				67		%
Zinc	66-2	0.09	-0.04	-0.08	-0.01		ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-19DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW147-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:59:48	DataFile Name :	102SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.02	0.03	0.03	29.82	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	35.44	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:03:10	DataFile Name :	103CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47615.71	47709.51	48308.05	47877.76	0.78	ppb
Antimony	121-1	454.40	452.73	456.30	454.48	0.39	ppb
Arsenic	75-2	480.97	478.35	467.35	475.56	1.52	ppb
Barium	135-1	2329.84	2329.28	2371.67	2343.60	1.04	ppb
Barium	137-1	2338.99	2316.72	2336.73	2330.81	0.53	ppb
Beryllium	9-1	507.84	508.09	504.85	506.93	0.36	ppb
Bismuth	209-1				108		%
Bismuth	209-2				89		%
Boron	10-1	502.29	505.02	536.44	514.59	3.69	ppb
Boron	11-1	491.32	506.01	519.84	505.72	2.82	ppb
Cadmium	111-1	445.67	446.39	450.46	447.51	0.58	ppb
Cadmium	106-1	438.42	439.70	449.28	442.47	1.34	ppb
Cadmium	108-1	443.91	441.89	451.78	445.86	1.17	ppb
Calcium	43-1	236605.77	234235.77	240843.75	237228.43	1.41	ppb
Calcium	44-1	236206.50	233939.99	237547.69	235898.06	0.77	ppb
Chromium	52-2	507.79	507.49	505.71	507.00	0.22	ppb
Cobalt	59-2	499.58	504.58	502.01	502.06	0.50	ppb
Copper	63-2	989.33	995.09	998.10	994.17	0.45	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				104		%
Holmium	165-2				91		%
Indium	115-1				94		%
Indium	115-2				77		%
Iron	56-2	124247.17	124544.31	124480.20	124423.89	0.13	ppb
Iron	57-2	119857.20	121534.67	120596.99	120662.96	0.70	ppb
Krypton	83-1						cps
Lead	206-1	490.21	493.98	499.17	494.45	0.91	ppb
Lead	207-1	494.55	498.65	496.08	496.43	0.42	ppb
Lead	208-1	494.39	495.25	496.99	495.54	0.27	ppb
Lithium	6-1				78		%
Magnesium	24-2	240162.49	241848.14	241100.84	241037.16	0.35	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:03:10	DataFile Name :	103CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	960.30	965.85	969.94	965.36	0.50	ppb
Molybdenum	94-1	2452.27	2477.62	2460.43	2463.44	0.53	ppb
Molybdenum	95-1	2444.01	2467.14	2437.29	2449.48	0.64	ppb
Molybdenum	96-1	2447.12	2449.09	2432.59	2442.93	0.37	ppb
Molybdenum	97-1	2483.50	2466.46	2472.76	2474.24	0.35	ppb
Molybdenum	98-1	2462.94	2458.50	2449.48	2456.97	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.78	511.64	506.98	508.80	0.49	ppb
Phosphorus	31-2	9056.91	8519.71	8585.76	8720.79	3.36	ppb
Potassium	39-2	112182.55	112486.18	113118.91	112595.88	0.42	ppb
Rhodium	103-1				92		%
Rhodium	103-2				81		%
Scandium	45-1				84		%
Scandium	45-2				68		%
Selenium	77-2	395.61	358.82	468.73	407.72	13.72	ppb
Selenium	78-2	457.96	460.21	432.56	450.24	3.41	ppb
Selenium	82-1	464.78	461.98	458.40	461.72	0.69	ppb
Silicon	28-1	463.55	464.36	478.93	468.95	1.85	ppb
Silver	109-1	455.93	457.96	460.13	458.01	0.46	ppb
Silver	107-1	454.21	452.90	459.78	455.63	0.80	ppb
Sodium	23-2	240852.63	240667.91	242914.81	241478.45	0.52	ppb
Strontium	86-1	484.01	483.18	482.08	483.09	0.20	ppb
Strontium	88-1	499.12	494.22	496.71	496.69	0.49	ppb
Sulfur	34-1	8236.07	8164.95	8485.65	8295.56	2.03	ppb
Terbium	159-1				104		%
Terbium	159-2				90		%
Thallium	203-1	487.87	491.21	490.73	489.94	0.37	ppb
Thallium	205-1	489.22	489.22	492.85	490.43	0.43	ppb
Tin	118-1	466.37	469.31	470.66	468.78	0.47	ppb
Titanium	47-1	2440.60	2405.31	2436.34	2427.42	0.79	ppb
Uranium	238-1	510.18	511.66	514.20	512.01	0.40	ppb
Vanadium	51-2	492.43	492.77	495.31	493.50	0.32	ppb
Yttrium	89-1				94		%
Yttrium	89-2				76		%
Zinc	66-2	956.89	983.29	978.49	972.89	1.45	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:03:10	DataFile Name :	103CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	487.84	491.70	483.88	487.81	0.80	ppb
Zirconium	91-1	472.41	465.83	466.83	468.36	0.76	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:06:25	DataFile Name :	104CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.07	0.97	1.12	0.01	21722.78	ppb
Antimony	121-1	1.25	1.33	1.38	1.32	5.17	ppb
Arsenic	75-2	0.22	0.22	0.22	0.22	0.30	ppb
Barium	135-1	0.10	0.07	0.09	0.09	16.90	ppb
Barium	137-1	0.07	0.13	0.12	0.11	29.23	ppb
Beryllium	9-1	0.47	0.55	0.20	0.41	44.18	ppb
Bismuth	209-1				113		%
Bismuth	209-2				93		%
Boron	10-1	20.58	20.18	17.00	19.25	10.19	ppb
Boron	11-1	20.04	19.74	16.90	18.90	9.18	ppb
Cadmium	111-1	-0.03	0.06	0.02	0.01	339.51	ppb
Cadmium	106-1	-1.22	-0.27	-0.30	-0.60		ppb
Cadmium	108-1	0.09	0.01	0.09	0.06	72.84	ppb
Calcium	43-1	-8.01	-1.44	-17.78	-9.07		ppb
Calcium	44-1	9.77	4.91	5.54	6.74	39.20	ppb
Chromium	52-2	0.07	0.10	0.11	0.09	24.17	ppb
Cobalt	59-2	0.02	-0.02	0.02	0.01	274.53	ppb
Copper	63-2	0.07	0.07	0.14	0.10	41.15	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				104		%
Holmium	165-2				91		%
Indium	115-1				99		%
Indium	115-2				79		%
Iron	56-2	8.10	7.84	7.06	7.66	7.04	ppb
Iron	57-2	7.03	4.13	2.63	4.60	48.65	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.04	0.03	33.86	ppb
Lead	207-1	0.05	0.06	0.02	0.04	45.66	ppb
Lead	208-1	0.04	0.04	0.04	0.04	6.50	ppb
Lithium	6-1				81		%
Magnesium	24-2	6.81	7.21	3.41	5.81	35.94	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:06:25	DataFile Name :	104CCBE_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.07	0.20	0.09	127.06	ppb
Molybdenum	94-1	1.00	1.15	1.40	1.18	17.38	ppb
Molybdenum	95-1	1.10	1.52	1.61	1.41	19.50	ppb
Molybdenum	96-1	1.13	1.33	1.65	1.37	19.10	ppb
Molybdenum	97-1	0.96	1.33	1.53	1.27	22.83	ppb
Molybdenum	98-1	1.18	1.40	1.61	1.40	15.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.30	-1.26	-1.09	-1.22		ppb
Phosphorus	31-2	-8.51	-8.51	31.94	4.98	469.42	ppb
Potassium	39-2	-19.52	-13.37	1.67	-10.41		ppb
Rhodium	103-1				97		%
Rhodium	103-2				84		%
Scandium	45-1				83		%
Scandium	45-2				63		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	0.03	0.02	0.02	14.34	ppb
Selenium	82-1	1.42	0.58	0.36	0.79	70.75	ppb
Silicon	28-1	-45.57	-45.74	-44.56	-45.29		ppb
Silver	109-1	0.04	0.03	0.04	0.04	10.50	ppb
Silver	107-1	0.04	0.04	0.04	0.04	2.61	ppb
Sodium	23-2	68.37	63.05	68.46	66.63	4.65	ppb
Strontium	86-1	-0.01	0.06	-0.10	-0.02		ppb
Strontium	88-1	0.03	0.04	0.03	0.03	12.80	ppb
Sulfur	34-1	-1888.53	-1864.11	-1472.51	-1741.72		ppb
Terbium	159-1				104		%
Terbium	159-2				90		%
Thallium	203-1	0.12	0.11	0.12	0.11	8.17	ppb
Thallium	205-1	0.14	0.12	0.11	0.12	13.08	ppb
Tin	118-1	0.29	0.31	0.33	0.31	6.75	ppb
Titanium	47-1	0.26	0.21	0.38	0.28	31.45	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	9.27	ppb
Vanadium	51-2	0.05	-0.01	0.01	0.02	169.94	ppb
Yttrium	89-1				95		%
Yttrium	89-2				74		%
Zinc	66-2	-0.15	-0.48	-0.18	-0.27		ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:06:25	DataFile Name :	104CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.09	0.10	0.09	7.88	ppb
Zirconium	91-1	0.07	0.07	0.10	0.08	21.51	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-20DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW201-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 21:09:50 DataFile Name : 105SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.53	8.13	-1.62	2.68	185.73	ppb
Antimony	121-1	0.67	0.71	0.76	0.72	6.00	ppb
Arsenic	75-2	0.23	0.04	0.10	0.12	80.14	ppb
Barium	135-1	5.13	5.08	5.16	5.12	0.84	ppb
Barium	137-1	5.19	5.13	5.34	5.22	2.04	ppb
Beryllium	9-1	0.34	0.19	0.24	0.26	30.88	ppb
Bismuth	209-1				111		%
Bismuth	209-2				90		%
Boron	10-1	657.62	684.64	669.27	670.51	2.02	ppb
Boron	11-1	666.12	677.45	690.80	678.12	1.82	ppb
Cadmium	111-1	-0.03	-0.01	-0.06	-0.03		ppb
Cadmium	106-1	-1.34	-1.20	-1.95	-1.49		ppb
Cadmium	108-1	0.05	0.01	-0.03	0.01	352.81	ppb
Calcium	43-1	56303.96	56967.54	57772.31	57014.61	1.29	ppb
Calcium	44-1	57824.63	58219.84	58764.81	58269.76	0.81	ppb
Chromium	52-2	0.21	0.33	0.33	0.29	23.17	ppb
Cobalt	59-2	0.07	0.10	0.09	0.09	20.07	ppb
Copper	63-2	0.31	0.29	0.26	0.28	9.08	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				103		%
Holmium	165-2				89		%
Indium	115-1				95		%
Indium	115-2				75		%
Iron	56-2	23.86	22.40	23.77	23.35	3.52	ppb
Iron	57-2	17.65	14.27	25.50	19.14	30.09	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.03	0.03	31.91	ppb
Lead	207-1	0.05	0.02	0.03	0.03	49.52	ppb
Lead	208-1	0.04	0.03	0.03	0.03	28.44	ppb
Lithium	6-1				81		%
Magnesium	24-2	43972.23	44721.34	44278.08	44323.88	0.85	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-20DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW201-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 21:09:50 DataFile Name : 105SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16.71	16.20	15.59	16.17	3.48	ppb
Molybdenum	94-1	1.07	1.14	1.20	1.14	5.74	ppb
Molybdenum	95-1	0.54	0.65	0.63	0.60	9.75	ppb
Molybdenum	96-1	0.57	0.71	0.78	0.69	16.05	ppb
Molybdenum	97-1	0.57	0.58	0.79	0.64	19.66	ppb
Molybdenum	98-1	0.57	0.66	0.80	0.68	17.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.71	-0.89	-0.86	-0.82		ppb
Phosphorus	31-2	-8.51	79.21	-8.51	20.73	244.29	ppb
Potassium	39-2	2300.36	2345.00	2360.86	2335.41	1.34	ppb
Rhodium	103-1				92		%
Rhodium	103-2				79		%
Scandium	45-1				79		%
Scandium	45-2				57		%
Selenium	77-2	8.61	0.00	0.00	2.87	173.21	ppb
Selenium	78-2	0.10	-1.34	1.53	0.10	1483.68	ppb
Selenium	82-1	0.21	1.75	1.19	1.05	74.47	ppb
Silicon	28-1	2283.50	2339.31	2347.53	2323.45	1.50	ppb
Silver	109-1	0.07	0.07	0.05	0.06	13.53	ppb
Silver	107-1	0.06	0.07	0.06	0.06	13.33	ppb
Sodium	23-2	57271.35	57677.02	58126.64	57691.67	0.74	ppb
Strontium	86-1	1008.96	1031.19	1024.45	1021.54	1.12	ppb
Strontium	88-1	1014.52	1022.93	1028.18	1021.88	0.67	ppb
Sulfur	34-1	81782.46	82019.04	82942.09	82247.86	0.74	ppb
Terbium	159-1				103		%
Terbium	159-2				88		%
Thallium	203-1	0.16	0.13	0.08	0.12	32.17	ppb
Thallium	205-1	0.19	0.12	0.10	0.14	31.57	ppb
Tin	118-1	0.29	0.29	0.29	0.29	1.64	ppb
Titanium	47-1	0.01	0.22	0.19	0.14	81.55	ppb
Uranium	238-1	6.21	6.17	6.36	6.25	1.62	ppb
Vanadium	51-2	0.18	0.15	0.24	0.19	23.92	ppb
Yttrium	89-1				91		%
Yttrium	89-2				70		%
Zinc	66-2	1.27	1.19	1.09	1.19	7.55	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-20DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW201-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 21:09:50	DataFile Name :	105SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.41	0.39	0.40	0.40	3.09	ppb
Zirconium	91-1	0.48	0.36	0.39	0.41	15.88	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-21DLX5 Instrumnet Name : P8
 Client Sample ID : LF012OW009-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 21:13:12 DataFile Name : 106SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.58	1.84	-1.56	-0.43		ppb
Antimony	121-1	0.45	0.45	0.47	0.46	3.17	ppb
Arsenic	75-2	0.66	1.00	0.97	0.88	21.65	ppb
Barium	135-1	38.62	38.01	36.96	37.87	2.22	ppb
Barium	137-1	37.92	39.36	38.19	38.49	1.98	ppb
Beryllium	9-1	0.18	0.23	0.10	0.17	39.09	ppb
Bismuth	209-1				111		%
Bismuth	209-2				89		%
Boron	10-1	73.95	68.54	65.97	69.49	5.87	ppb
Boron	11-1	69.82	67.10	66.96	67.96	2.37	ppb
Cadmium	111-1	0.03	-0.13	-0.12	-0.07		ppb
Cadmium	106-1	0.28	-1.90	-1.73	-1.12		ppb
Cadmium	108-1	0.05	-0.03	0.05	0.03	180.43	ppb
Calcium	43-1	24378.88	24021.75	24246.76	24215.79	0.75	ppb
Calcium	44-1	24873.86	24985.02	24849.62	24902.83	0.29	ppb
Chromium	52-2	0.28	0.25	0.15	0.23	30.14	ppb
Cobalt	59-2	0.03	0.02	0.03	0.03	22.08	ppb
Copper	63-2	0.17	0.20	0.19	0.19	8.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				87		%
Indium	115-1				94		%
Indium	115-2				72		%
Iron	56-2	841.40	843.17	843.54	842.70	0.14	ppb
Iron	57-2	825.70	776.83	806.51	803.01	3.07	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.02	0.02	32.45	ppb
Lead	207-1	0.03	0.04	0.02	0.03	34.52	ppb
Lead	208-1	0.03	0.03	0.02	0.03	17.45	ppb
Lithium	6-1				81		%
Magnesium	24-2	3169.72	3170.16	3181.45	3173.78	0.21	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-21DLX5 Instrumnet Name : P8
 Client Sample ID : LF012OW009-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 21:13:12 DataFile Name : 106SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	58.32	58.94	61.49	59.58	2.82	ppb
Molybdenum	94-1	0.36	0.47	0.49	0.44	15.58	ppb
Molybdenum	95-1	0.41	0.48	0.52	0.47	11.77	ppb
Molybdenum	96-1	0.44	0.48	0.56	0.49	12.15	ppb
Molybdenum	97-1	0.50	0.47	0.55	0.51	8.40	ppb
Molybdenum	98-1	0.44	0.53	0.60	0.52	14.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.65	-0.40	-0.83	-0.63		ppb
Phosphorus	31-2	36.05	-8.51	-8.51	6.34	405.55	ppb
Potassium	39-2	1257.99	1194.09	1174.51	1208.86	3.61	ppb
Rhodium	103-1				92		%
Rhodium	103-2				78		%
Scandium	45-1				77		%
Scandium	45-2				55		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	0.17	1.71	0.18	853.34	ppb
Selenium	82-1	0.30	0.35	1.01	0.55	71.63	ppb
Silicon	28-1	1546.21	1520.38	1525.33	1530.64	0.90	ppb
Silver	109-1	0.03	0.04	0.04	0.04	16.29	ppb
Silver	107-1	0.04	0.05	0.03	0.04	19.54	ppb
Sodium	23-2	6218.05	6300.51	6277.85	6265.47	0.68	ppb
Strontium	86-1	121.26	119.19	119.53	119.99	0.92	ppb
Strontium	88-1	125.13	125.24	127.87	126.08	1.23	ppb
Sulfur	34-1	2656.80	2522.03	2144.62	2441.15	10.88	ppb
Terbium	159-1				102		%
Terbium	159-2				86		%
Thallium	203-1	0.03	0.02	0.02	0.02	22.46	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	16.81	ppb
Tin	118-1	0.18	0.19	0.25	0.21	17.89	ppb
Titanium	47-1	0.25	0.11	0.23	0.20	37.85	ppb
Uranium	238-1	0.27	0.27	0.27	0.27	0.85	ppb
Vanadium	51-2	0.09	0.07	0.12	0.09	28.09	ppb
Yttrium	89-1				89		%
Yttrium	89-2				66		%
Zinc	66-2	4.32	4.84	4.36	4.51	6.47	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-21DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012OW009-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 21:13:12	DataFile Name :	106SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.06	0.07	0.06	23.01	ppb
Zirconium	91-1	0.03	0.07	0.10	0.07	47.74	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-22DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW042-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 21:16:36 DataFile Name : 107SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.94	5.53	8.89	9.79	48.72	ppb
Antimony	121-1	0.28	0.31	0.35	0.32	11.30	ppb
Arsenic	75-2	0.69	0.73	0.96	0.79	18.01	ppb
Barium	135-1	21.97	22.68	22.54	22.40	1.69	ppb
Barium	137-1	23.42	23.13	22.87	23.14	1.18	ppb
Beryllium	9-1	0.10	0.03	0.09	0.07	49.37	ppb
Bismuth	209-1				111		%
Bismuth	209-2				90		%
Boron	10-1	41.41	36.52	33.40	37.11	10.89	ppb
Boron	11-1	38.25	35.93	38.46	37.55	3.75	ppb
Cadmium	111-1	-0.07	-0.04	0.00	-0.03		ppb
Cadmium	106-1	-1.38	-0.95	-0.38	-0.90		ppb
Cadmium	108-1	0.05	-0.07	0.09	0.03	330.67	ppb
Calcium	43-1	23748.43	23404.57	23392.88	23515.29	0.86	ppb
Calcium	44-1	24224.23	24101.45	24196.37	24174.02	0.27	ppb
Chromium	52-2	0.36	0.43	0.54	0.44	21.07	ppb
Cobalt	59-2	0.17	0.16	0.14	0.16	11.66	ppb
Copper	63-2	0.53	0.53	0.52	0.52	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				87		%
Indium	115-1				94		%
Indium	115-2				73		%
Iron	56-2	195.19	202.90	203.12	200.40	2.25	ppb
Iron	57-2	194.44	208.56	187.21	196.73	5.52	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.05	0.05	7.37	ppb
Lead	207-1	0.06	0.07	0.08	0.07	13.98	ppb
Lead	208-1	0.06	0.06	0.06	0.06	5.31	ppb
Lithium	6-1				82		%
Magnesium	24-2	1967.49	2042.73	2008.24	2006.16	1.88	ppb

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-22DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW042-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 21:16:36 DataFile Name : 107SMPL_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	50.28	54.57	52.79	52.55	4.11	ppb
Molybdenum	94-1	0.30	0.38	0.40	0.36	14.37	ppb
Molybdenum	95-1	0.26	0.31	0.31	0.30	9.99	ppb
Molybdenum	96-1	0.34	0.41	0.35	0.37	9.69	ppb
Molybdenum	97-1	0.41	0.32	0.32	0.35	15.02	ppb
Molybdenum	98-1	0.36	0.30	0.36	0.34	10.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.04	-0.86	-0.92	-0.94		ppb
Phosphorus	31-2	-8.51	38.29	-8.51	7.09	381.01	ppb
Potassium	39-2	1470.33	1577.85	1562.78	1536.98	3.79	ppb
Rhodium	103-1				91		%
Rhodium	103-2				78		%
Scandium	45-1				77		%
Scandium	45-2				54		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.34	3.22	0.16	0.68	342.49	ppb
Selenium	82-1	0.86	0.05	0.97	0.63	80.30	ppb
Silicon	28-1	1062.17	1044.42	1068.14	1058.24	1.17	ppb
Silver	109-1	0.04	0.02	0.04	0.03	24.92	ppb
Silver	107-1	0.04	0.03	0.03	0.03	22.37	ppb
Sodium	23-2	9092.22	9475.46	9348.16	9305.28	2.10	ppb
Strontium	86-1	70.83	70.87	70.68	70.79	0.14	ppb
Strontium	88-1	71.83	72.14	71.74	71.90	0.29	ppb
Sulfur	34-1	2835.49	2602.38	2624.92	2687.60	4.78	ppb
Terbium	159-1				102		%
Terbium	159-2				87		%
Thallium	203-1	0.02	0.02	0.01	0.02	24.80	ppb
Thallium	205-1	0.01	0.03	0.02	0.02	39.82	ppb
Tin	118-1	0.19	0.15	0.21	0.18	15.54	ppb
Titanium	47-1	0.53	0.40	0.23	0.39	39.59	ppb
Uranium	238-1	0.17	0.18	0.17	0.17	3.11	ppb
Vanadium	51-2	0.17	0.21	0.12	0.17	28.62	ppb
Yttrium	89-1				89		%
Yttrium	89-2				67		%
Zinc	66-2	1.38	1.60	1.29	1.42	10.89	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-22DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012RW042-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 21:16:36	DataFile Name :	107SMPL_P8041718- M8

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.09	0.07	24.20	ppb
Zirconium	91-1	0.07	0.07	0.08	0.07	7.09	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:20:00	DataFile Name :	108CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48327.46	49011.38	47821.59	48386.81	1.23	ppb
Antimony	121-1	462.13	467.93	464.22	464.76	0.63	ppb
Arsenic	75-2	475.66	481.41	474.71	477.26	0.76	ppb
Barium	135-1	2368.36	2386.15	2381.78	2378.76	0.39	ppb
Barium	137-1	2392.59	2384.40	2363.66	2380.22	0.63	ppb
Beryllium	9-1	509.21	510.42	507.54	509.06	0.28	ppb
Bismuth	209-1				108		%
Bismuth	209-2				88		%
Boron	10-1	504.51	528.05	513.22	515.26	2.31	ppb
Boron	11-1	499.41	512.23	520.21	510.62	2.05	ppb
Cadmium	111-1	447.68	451.17	445.31	448.05	0.66	ppb
Cadmium	106-1	446.78	448.96	443.37	446.37	0.63	ppb
Cadmium	108-1	442.63	446.35	443.20	444.06	0.45	ppb
Calcium	43-1	232866.78	234591.61	235693.68	234384.03	0.61	ppb
Calcium	44-1	231939.05	233325.74	234278.60	233181.13	0.50	ppb
Chromium	52-2	509.56	513.16	503.27	508.66	0.98	ppb
Cobalt	59-2	502.65	503.88	500.78	502.44	0.31	ppb
Copper	63-2	996.14	1000.65	992.65	996.48	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				91		%
Indium	115-1				94		%
Indium	115-2				76		%
Iron	56-2	125817.08	125799.08	125587.58	125734.58	0.10	ppb
Iron	57-2	120799.97	121441.25	120734.43	120991.88	0.32	ppb
Krypton	83-1						cps
Lead	206-1	499.69	503.14	499.39	500.74	0.42	ppb
Lead	207-1	499.60	496.46	498.21	498.09	0.32	ppb
Lead	208-1	497.63	500.46	501.02	499.70	0.36	ppb
Lithium	6-1				78		%
Magnesium	24-2	235428.62	237300.77	236680.37	236469.92	0.40	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:20:00	DataFile Name :	108CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	967.91	976.02	968.86	970.93	0.46	ppb
Molybdenum	94-1	2473.33	2471.63	2486.77	2477.24	0.33	ppb
Molybdenum	95-1	2452.62	2460.50	2472.46	2461.86	0.41	ppb
Molybdenum	96-1	2465.68	2461.62	2501.91	2476.40	0.90	ppb
Molybdenum	97-1	2503.44	2497.94	2510.71	2504.03	0.26	ppb
Molybdenum	98-1	2471.95	2472.11	2479.65	2474.57	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.44	512.33	506.41	508.73	0.62	ppb
Phosphorus	31-2	8599.51	8714.71	8148.79	8487.67	3.52	ppb
Potassium	39-2	113847.06	115041.33	114214.95	114367.78	0.53	ppb
Rhodium	103-1				91		%
Rhodium	103-2				80		%
Scandium	45-1				85		%
Scandium	45-2				68		%
Selenium	77-2	406.81	378.96	367.62	384.47	5.24	ppb
Selenium	78-2	489.75	445.10	474.97	469.94	4.84	ppb
Selenium	82-1	458.62	468.43	467.87	464.97	1.19	ppb
Silicon	28-1	452.60	458.54	458.88	456.67	0.77	ppb
Silver	109-1	454.96	458.51	447.01	453.49	1.30	ppb
Silver	107-1	454.34	451.20	454.06	453.20	0.38	ppb
Sodium	23-2	242723.48	244354.83	242475.03	243184.45	0.42	ppb
Strontium	86-1	485.26	484.20	490.24	486.57	0.66	ppb
Strontium	88-1	498.00	496.78	499.77	498.19	0.30	ppb
Sulfur	34-1	7598.88	8172.88	8053.40	7941.72	3.81	ppb
Terbium	159-1				104		%
Terbium	159-2				90		%
Thallium	203-1	492.86	490.06	493.85	492.26	0.40	ppb
Thallium	205-1	491.21	496.66	500.22	496.03	0.91	ppb
Tin	118-1	478.17	479.66	475.81	477.88	0.41	ppb
Titanium	47-1	2356.65	2381.39	2444.55	2394.20	1.89	ppb
Uranium	238-1	516.13	513.03	508.32	512.50	0.77	ppb
Vanadium	51-2	491.75	504.10	500.95	498.93	1.29	ppb
Yttrium	89-1				94		%
Yttrium	89-2				76		%
Zinc	66-2	967.99	985.90	971.18	975.02	0.98	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:20:00	DataFile Name :	108CCV_P8041718- MS

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	490.13	493.46	498.43	494.01	0.84	ppb
Zirconium	91-1	471.86	473.64	477.40	474.30	0.60	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:23:14	DataFile Name :	109CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.89	-4.89	-2.07	-3.95		ppb
Antimony	121-1	1.27	1.41	1.55	1.41	9.90	ppb
Arsenic	75-2	0.12	0.12	0.25	0.16	43.75	ppb
Barium	135-1	0.04	0.14	0.05	0.08	69.40	ppb
Barium	137-1	0.12	0.09	0.12	0.11	13.00	ppb
Beryllium	9-1	0.37	0.40	0.37	0.38	5.11	ppb
Bismuth	209-1				112		%
Bismuth	209-2				94		%
Boron	10-1	21.62	17.38	17.78	18.93	12.36	ppb
Boron	11-1	22.25	19.46	20.05	20.58	7.14	ppb
Cadmium	111-1	-0.05	0.02	-0.01	-0.01		ppb
Cadmium	106-1	-1.42	-0.91	-1.32	-1.22		ppb
Cadmium	108-1	0.13	-0.03	-0.07	0.01	1007.54	ppb
Calcium	43-1	-16.73	-19.90	-11.40	-16.01		ppb
Calcium	44-1	7.19	4.57	6.11	5.96	22.08	ppb
Chromium	52-2	0.21	0.07	0.17	0.15	49.21	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	74.92	ppb
Copper	63-2	0.08	0.08	0.09	0.08	5.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				91		%
Indium	115-1				97		%
Indium	115-2				79		%
Iron	56-2	9.16	9.11	6.52	8.26	18.32	ppb
Iron	57-2	10.57	7.39	7.04	8.33	23.39	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.03	0.03	33.58	ppb
Lead	207-1	0.04	0.05	0.05	0.05	9.98	ppb
Lead	208-1	0.04	0.04	0.04	0.04	8.80	ppb
Lithium	6-1				80		%
Magnesium	24-2	27.10	13.86	5.02	15.33	72.49	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:23:14	DataFile Name :	109CCBE_P8041718- M:

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.25	0.04	0.12	93.68	ppb
Molybdenum	94-1	1.13	1.08	1.46	1.22	16.73	ppb
Molybdenum	95-1	1.21	1.40	1.75	1.45	18.71	ppb
Molybdenum	96-1	1.15	1.33	1.62	1.37	17.28	ppb
Molybdenum	97-1	1.13	1.41	1.83	1.45	24.23	ppb
Molybdenum	98-1	1.23	1.47	1.78	1.49	18.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.45	-1.39	-1.36	-1.40		ppb
Phosphorus	31-2	-8.51	-8.51	29.56	4.18	525.60	ppb
Potassium	39-2	12.78	-1.61	-13.27	-0.70		ppb
Rhodium	103-1				96		%
Rhodium	103-2				84		%
Scandium	45-1				82		%
Scandium	45-2				64		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.34	0.02	-1.34	0.01	22056.35	ppb
Selenium	82-1	0.24	0.59	0.00	0.28	105.94	ppb
Silicon	28-1	-43.73	-46.55	-40.85	-43.71		ppb
Silver	109-1	0.04	0.05	0.05	0.05	8.35	ppb
Silver	107-1	0.04	0.04	0.05	0.04	16.26	ppb
Sodium	23-2	77.54	77.05	64.72	73.10	9.93	ppb
Strontium	86-1	0.09	0.00	0.03	0.04	124.91	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	5.12	ppb
Sulfur	34-1	-1678.98	-1892.22	-1411.78	-1661.00		ppb
Terbium	159-1				103		%
Terbium	159-2				90		%
Thallium	203-1	0.14	0.13	0.12	0.13	6.76	ppb
Thallium	205-1	0.14	0.13	0.12	0.13	8.90	ppb
Tin	118-1	0.30	0.34	0.30	0.31	6.73	ppb
Titanium	47-1	0.12	0.18	0.25	0.18	34.91	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	6.06	ppb
Vanadium	51-2	0.03	0.03	-0.01	0.02	115.61	ppb
Yttrium	89-1				93		%
Yttrium	89-2				74		%
Zinc	66-2	-0.29	-0.43	-0.11	-0.27		ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:23:14	DataFile Name :	109CCBE_P8041718- M

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.09	0.08	0.09	4.24	ppb
Zirconium	91-1	0.10	0.07	0.09	0.09	14.85	ppb

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:46:46	DataFile Name :	003CALB_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	17	22	43.28	cps
Antimony	121-1	408	600	708	572	26.55	cps
Arsenic	75-2	11	2	2	5	108.30	cps
Barium	135-1	25	42	25	31	31.50	cps
Barium	137-1	50	42	58	50	16.67	cps
Beryllium	9-1	106	67	83	85	22.90	cps
Bismuth	209-1	4314973	4399557	4323147	4345892	1.07	cps
Bismuth	209-2	1140745	1142052	1148942	1143913	0.39	cps
Boron	10-1	58	100	58	72	33.31	cps
Boron	11-1	200	300	267	256	19.92	cps
Cadmium	111-1	560	586	634	593	6.33	cps
Cadmium	106-1	792	842	900	845	6.42	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	883	833	692	803	12.38	cps
Calcium	44-1	10212	9996	10363	10190	1.81	cps
Chromium	52-2	287	263	277	276	4.25	cps
Cobalt	59-2	40	50	73	54	31.42	cps
Copper	63-2	160	137	177	158	12.73	cps
Dysprosium	156-1	42	0	0	14	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	50	33	33	39	24.75	cps
Gadolinium	160-2	3	10	0	4	114.60	cps
Holmium	165-1	6395628	6425901	6360710	6394079	0.51	cps
Holmium	165-2	1370789	1363725	1366728	1367081	0.26	cps
Indium	115-1	5048150	5037336	5001895	5029127	0.48	cps
Indium	115-2	231219	231171	233350	231913	0.54	cps
Iron	56-2	1139	1439	1456	1345	13.26	cps
Iron	57-2	50	33	50	44	21.66	cps
Krypton	83-1	460	400	400	420	8.25	cps
Lead	206-1	244	206	144	198	25.44	cps
Lead	207-1	156	106	172	144	24.02	cps
Lead	208-1	739	717	667	707	5.23	cps
Lithium	6-1	783943	790384	782129	785485	0.55	cps
Magnesium	24-2	425	442	425	431	2.23	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:46:46	DataFile Name :	003CALB_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	20	10	13	43.30	cps
Molybdenum	94-1	200	183	233	206	12.39	cps
Molybdenum	95-1	133	225	300	219	38.04	cps
Molybdenum	96-1	233	158	275	222	26.61	cps
Molybdenum	97-1	92	183	158	144	32.81	cps
Molybdenum	98-1	175	183	267	208	24.33	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	873	903	783	853	7.32	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2317	2309	2167	2264	3.72	cps
Rhodium	103-1	4633152	4561124	4615845	4603374	0.82	cps
Rhodium	103-2	1255434	1257475	1262945	1258618	0.31	cps
Scandium	45-1	2627805	2637880	2613373	2626353	0.47	cps
Scandium	45-2	22999	23673	23406	23360	1.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	-109	-75	4	-60	-96.15	cps
Silicon	28-1	387964	387078	390631	388558	0.48	cps
Silver	109-1	17	42	8	22	78.07	cps
Silver	107-1	42	8	58	36	70.51	cps
Sodium	23-2	3226	3284	3242	3251	0.92	cps
Strontium	86-1	683	667	533	628	13.10	cps
Strontium	88-1	108	108	92	103	9.36	cps
Sulfur	34-1	310429	310118	306472	309006	0.71	cps
Terbium	159-1	6507450	6553677	6532680	6531269	0.35	cps
Terbium	159-2	1302048	1301005	1314833	1305962	0.59	cps
Thallium	203-1	100	133	167	133	25.00	cps
Thallium	205-1	250	292	275	272	7.70	cps
Tin	118-1	425	483	483	464	7.26	cps
Titanium	47-1	117	117	125	119	4.03	cps
Uranium	238-1	75	33	67	58	37.80	cps
Vanadium	51-2	7	7	10	8	24.71	cps
Yttrium	89-1	5115809	5100179	5156941	5124309	0.57	cps
Yttrium	89-2	168497	168467	169032	168665	0.19	cps
Zinc	66-2	50	97	43	63	45.89	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:46:46	DataFile Name :	003CALB_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	358	358	375	364	2.65	cps
Zirconium	91-1	92	117	58	89	32.92	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:54:11	DataFile Name :	005CAL5_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	75	75	75	0.00	cps
Antimony	121-1	12848	12848	13099	12932	1.12	cps
Arsenic	75-2	56	106	98	86	31.22	cps
Barium	135-1	13549	13199	12974	13241	2.19	cps
Barium	137-1	23221	23296	23013	23177	0.63	cps
Beryllium	9-1	789	789	900	826	7.77	cps
Bismuth	209-1	4339440	4347879	4315163	4334161	0.39	cps
Bismuth	209-2	1116133	1110859	1116567	1114520	0.29	cps
Boron	10-1	2067	2025	1917	2003	3.87	cps
Boron	11-1	9420	8962	9612	9331	3.58	cps
Cadmium	111-1	1952	2059	2059	2023	3.05	cps
Cadmium	106-1	1058	1108	1075	1081	2.36	cps
Cadmium	108-1	92	96	75	88	12.60	cps
Calcium	43-1	7027	6852	6910	6930	1.29	cps
Calcium	44-1	110744	109240	109600	109861	0.71	cps
Chromium	52-2	1443	1510	1410	1455	3.50	cps
Cobalt	59-2	1320	1117	1393	1277	11.23	cps
Copper	63-2	2267	2210	2360	2279	3.32	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	3	17	3	8	99.04	cps
Gadolinium	160-1	17	58	17	31	78.72	cps
Gadolinium	160-2	0	10	3	4	114.60	cps
Holmium	165-1	6239842	6172224	6120135	6177400	0.97	cps
Holmium	165-2	1334288	1325761	1337986	1332678	0.47	cps
Indium	115-1	4973615	4921985	4866083	4920561	1.09	cps
Indium	115-2	224507	224645	225558	224904	0.25	cps
Iron	56-2	20338	19909	20343	20197	1.23	cps
Iron	57-2	444	522	578	515	13.01	cps
Krypton	83-1	453	443	443	447	1.29	cps
Lead	206-1	4095	4545	4423	4355	5.35	cps
Lead	207-1	4418	4062	4029	4169	5.17	cps
Lead	208-1	18423	18612	18106	18380	1.39	cps
Lithium	6-1	778631	780603	779057	779430	0.13	cps
Magnesium	24-2	10096	10513	9929	10179	2.95	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:54:11	DataFile Name :	005CAL5_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	160	210	193	188	13.56	cps
Molybdenum	94-1	10254	9921	10037	10071	1.68	cps
Molybdenum	95-1	12373	12248	12448	12356	0.82	cps
Molybdenum	96-1	13466	13941	14291	13899	2.98	cps
Molybdenum	97-1	7527	7494	8211	7744	5.23	cps
Molybdenum	98-1	20758	19440	20124	20107	3.28	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1007	1097	1270	1125	11.90	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	7936	7552	7511	7666	3.06	cps
Rhodium	103-1	4622978	4463384	4561312	4549224	1.77	cps
Rhodium	103-2	1230802	1225220	1231846	1229290	0.29	cps
Scandium	45-1	2612041	2596867	2588828	2599245	0.45	cps
Scandium	45-2	22111	22682	22675	22489	1.46	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	7	19	17	14	41.92	cps
Selenium	82-1	332	357	349	346	3.68	cps
Silicon	28-1	429202	428637	427339	428393	0.22	cps
Silver	109-1	6885	6127	6494	6502	5.84	cps
Silver	107-1	6527	6577	6552	6552	0.38	cps
Sodium	23-2	24397	25399	25023	24939	2.03	cps
Strontium	86-1	2167	2267	2275	2236	2.70	cps
Strontium	88-1	14583	14333	14375	14430	0.93	cps
Sulfur	34-1	309429	308832	307677	308646	0.29	cps
Terbium	159-1	6361293	6370840	6358461	6363531	0.10	cps
Terbium	159-2	1281394	1274544	1285101	1280346	0.42	cps
Thallium	203-1	5610	5310	5618	5513	3.19	cps
Thallium	205-1	12707	13775	12565	13016	5.08	cps
Tin	118-1	21101	20951	20834	20962	0.64	cps
Titanium	47-1	3326	3259	3159	3248	2.58	cps
Uranium	238-1	17112	16937	16286	16779	2.59	cps
Vanadium	51-2	2114	2120	2024	2086	2.59	cps
Yttrium	89-1	5027437	5033909	5130357	5063901	1.14	cps
Yttrium	89-2	167484	166211	166610	166768	0.39	cps
Zinc	66-2	253	337	280	290	14.68	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:54:11	DataFile Name :	005CALS_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9137	8720	8061	8639	6.28	cps
Zirconium	91-1	2200	1892	1884	1992	9.06	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:57:57	DataFile Name :	006CAL5_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4276	4676	4318	4423	4.97	cps
Antimony	121-1	331935	334866	332906	333235	0.45	cps
Arsenic	75-2	4182	4117	4177	4159	0.86	cps
Barium	135-1	360596	364961	368211	364589	1.05	cps
Barium	137-1	628293	633305	629353	630317	0.42	cps
Beryllium	9-1	38023	37410	37872	37768	0.85	cps
Bismuth	209-1	4395431	4335958	4331710	4354366	0.82	cps
Bismuth	209-2	1102187	1112447	1104756	1106463	0.48	cps
Boron	10-1	3967	4318	4426	4237	5.66	cps
Boron	11-1	19481	19973	21317	20257	4.69	cps
Cadmium	111-1	72006	71987	72393	72129	0.32	cps
Cadmium	106-1	8136	8353	8245	8245	1.32	cps
Cadmium	108-1	4955	5314	5093	5121	3.53	cps
Calcium	43-1	63235	64951	66508	64898	2.52	cps
Calcium	44-1	1062837	1060710	1069166	1064238	0.41	cps
Chromium	52-2	29358	29485	30046	29629	1.24	cps
Cobalt	59-2	65426	64555	65098	65026	0.68	cps
Copper	63-2	111667	110088	110219	110658	0.79	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	25	8	42	25	66.68	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	33	50	8	31	68.64	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	6198863	6219522	6251224	6223203	0.42	cps
Holmium	165-2	1320713	1334582	1329851	1328382	0.53	cps
Indium	115-1	4896749	4913151	4900228	4903376	0.18	cps
Indium	115-2	222628	223934	221837	222800	0.48	cps
Iron	56-2	988871	988564	987113	988183	0.10	cps
Iron	57-2	25329	24661	24489	24826	1.79	cps
Krypton	83-1	317	383	330	343	10.28	cps
Lead	206-1	228753	230742	231768	230421	0.67	cps
Lead	207-1	207176	208428	209993	208532	0.68	cps
Lead	208-1	936248	940277	943218	939914	0.37	cps
Lithium	6-1	782742	777655	784927	781775	0.48	cps
Magnesium	24-2	104432	103181	102528	103380	0.94	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 13:57:57 DataFile Name : 006CAL5_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17568	16790	16870	17076	2.50	cps
Molybdenum	94-1	541275	545411	545377	544021	0.44	cps
Molybdenum	95-1	663353	658980	668457	663597	0.71	cps
Molybdenum	96-1	736685	743657	744465	741602	0.58	cps
Molybdenum	97-1	411937	415696	416861	414831	0.62	cps
Molybdenum	98-1	1058419	1066985	1070106	1065170	0.57	cps
Neodymium	150-1	27	20	27	24	15.75	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	19694	19741	19541	19658	0.53	cps
Phosphorus	31-2	258	367	300	308	17.72	cps
Potassium	39-2	31795	30877	32046	31573	1.95	cps
Rhodium	103-1	4545068	4449617	4459473	4484719	1.17	cps
Rhodium	103-2	1212118	1218140	1212739	1214332	0.27	cps
Scandium	45-1	2547475	2566067	2589220	2567588	0.81	cps
Scandium	45-2	22128	22158	22278	22188	0.36	cps
Selenium	77-2	30	20	17	22	31.22	cps
Selenium	78-2	128	87	98	104	20.19	cps
Selenium	82-1	4490	4474	4623	4529	1.80	cps
Silicon	28-1	525898	519535	521071	522168	0.64	cps
Silver	109-1	332123	333936	336086	334048	0.59	cps
Silver	107-1	348118	353238	346567	349308	1.00	cps
Sodium	23-2	233719	234170	233866	233918	0.10	cps
Strontium	86-1	86399	87245	87404	87016	0.62	cps
Strontium	88-1	760584	754904	755340	756943	0.42	cps
Sulfur	34-1	321831	320545	319188	320521	0.41	cps
Terbium	159-1	6409510	6369910	6428267	6402562	0.47	cps
Terbium	159-2	1271255	1281374	1269483	1274037	0.50	cps
Thallium	203-1	279924	287790	280385	282700	1.56	cps
Thallium	205-1	675248	675190	676568	675668	0.12	cps
Tin	118-1	220460	226658	226038	224386	1.52	cps
Titanium	47-1	160856	159508	161049	160471	0.52	cps
Uranium	238-1	904008	900938	905065	903337	0.24	cps
Vanadium	51-2	22545	22649	21968	22387	1.64	cps
Yttrium	89-1	5056875	5031418	5048523	5045605	0.26	cps
Yttrium	89-2	162797	163260	162439	162832	0.25	cps
Zinc	66-2	10504	10588	10057	10383	2.75	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 13:57:57	DataFile Name :	006CALS_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	452445	453897	457383	454575	0.56	cps
Zirconium	91-1	98942	101451	103114	101169	2.08	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:01:44	DataFile Name :	007CAL5_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10980	10438	10588	10668	2.62	cps
Antimony	121-1	852714	848881	855899	852498	0.41	cps
Arsenic	75-2	9835	9870	9913	9873	0.39	cps
Barium	135-1	922333	901868	922147	915449	1.28	cps
Barium	137-1	1618317	1615770	1621157	1618415	0.17	cps
Beryllium	9-1	94945	94224	93452	94207	0.79	cps
Bismuth	209-1	4409074	4439914	4450902	4433297	0.49	cps
Bismuth	209-2	1106679	1111932	1107859	1108823	0.25	cps
Boron	10-1	9837	10388	10880	10368	5.03	cps
Boron	11-1	48065	48458	48784	48436	0.74	cps
Cadmium	111-1	179797	182984	182590	181790	0.96	cps
Cadmium	106-1	19548	18989	19498	19345	1.60	cps
Cadmium	108-1	13098	12781	12598	12826	1.97	cps
Calcium	43-1	161064	163457	159008	161176	1.38	cps
Calcium	44-1	2644867	2661848	2690735	2665817	0.87	cps
Chromium	52-2	70553	70476	71019	70683	0.42	cps
Cobalt	59-2	156393	155466	155493	155784	0.34	cps
Copper	63-2	268583	269548	264914	267682	0.91	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	33	42	28	62.46	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	25	50	17	31	56.77	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	6334044	6313015	6331382	6326147	0.18	cps
Holmium	165-2	1347985	1345016	1331578	1341527	0.65	cps
Indium	115-1	4971743	4970121	4967624	4969829	0.04	cps
Indium	115-2	219150	221599	218209	219653	0.80	cps
Iron	56-2	2419904	2437224	2427317	2428148	0.36	cps
Iron	57-2	59025	58847	60103	59325	1.15	cps
Krypton	83-1	363	400	393	386	5.06	cps
Lead	206-1	582834	588683	587259	586259	0.52	cps
Lead	207-1	540914	533670	533207	535930	0.81	cps
Lead	208-1	2406490	2399272	2395997	2400587	0.22	cps
Lithium	6-1	790179	789917	788467	789521	0.12	cps
Magnesium	24-2	249244	248720	243306	247090	1.33	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:01:44	DataFile Name :	007CAL5_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	41739	41853	41047	41546	1.05	cps
Molybdenum	94-1	1371204	1369350	1377221	1372592	0.30	cps
Molybdenum	95-1	1676112	1698051	1694230	1689464	0.69	cps
Molybdenum	96-1	1888133	1895019	1909921	1897691	0.59	cps
Molybdenum	97-1	1044774	1043225	1048805	1045601	0.28	cps
Molybdenum	98-1	2749398	2747853	2748581	2748611	0.03	cps
Neodymium	150-1	47	40	47	44	8.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	46652	46160	46220	46344	0.58	cps
Phosphorus	31-2	775	833	633	747	13.77	cps
Potassium	39-2	72889	74087	72202	73059	1.31	cps
Rhodium	103-1	4554249	4522035	4550127	4542137	0.39	cps
Rhodium	103-2	1211221	1208261	1199553	1206345	0.50	cps
Scandium	45-1	2554764	2571779	2589254	2571932	0.67	cps
Scandium	45-2	21190	21313	21306	21270	0.33	cps
Selenium	77-2	57	73	73	68	14.19	cps
Selenium	78-2	239	267	202	236	13.79	cps
Selenium	82-1	11050	11324	11404	11259	1.65	cps
Silicon	28-1	712791	713681	716392	714288	0.26	cps
Silver	109-1	837894	834442	833231	835189	0.29	cps
Silver	107-1	872013	874373	877885	874757	0.34	cps
Sodium	23-2	557071	560599	552806	556826	0.70	cps
Strontium	86-1	215687	221580	221102	219456	1.49	cps
Strontium	88-1	1909055	1938949	1927397	1925134	0.78	cps
Sulfur	34-1	344915	340712	341649	342425	0.64	cps
Terbium	159-1	6555317	6470906	6554799	6527007	0.74	cps
Terbium	159-2	1279511	1278811	1273078	1277133	0.28	cps
Thallium	203-1	716304	720107	724403	720271	0.56	cps
Thallium	205-1	1739869	1782318	1742510	1754899	1.36	cps
Tin	118-1	568990	574478	573192	572220	0.50	cps
Titanium	47-1	400021	398925	403001	400649	0.53	cps
Uranium	238-1	2366677	2383702	2381477	2377285	0.39	cps
Vanadium	51-2	53609	53582	53615	53602	0.03	cps
Yttrium	89-1	5079122	5114202	5095377	5096234	0.34	cps
Yttrium	89-2	161475	161522	160350	161116	0.41	cps
Zinc	66-2	25103	25303	25554	25320	0.89	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:01:44	DataFile Name :	007CALS_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1153672	1166848	1162175	1160898	0.58	cps
Zirconium	91-1	258164	257986	255883	257344	0.49	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 14:05:24 DataFile Name : 008CAL5_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19756	19848	20507	20037	2.04	cps
Antimony	121-1	1766723	1760813	1749674	1759070	0.49	cps
Arsenic	75-2	19529	19228	18935	19231	1.54	cps
Barium	135-1	1904010	1899080	1875401	1892830	0.81	cps
Barium	137-1	3279914	3281154	3259272	3273447	0.38	cps
Beryllium	9-1	183758	185068	184269	184365	0.36	cps
Bismuth	209-1	4538641	4559425	4507967	4535345	0.57	cps
Bismuth	209-2	1108279	1107700	1112586	1109522	0.24	cps
Boron	10-1	19456	19681	21375	20170	5.20	cps
Boron	11-1	95642	96624	99553	97273	2.09	cps
Cadmium	111-1	366979	363327	362989	364431	0.61	cps
Cadmium	106-1	39007	38557	38072	38545	1.21	cps
Cadmium	108-1	25366	25783	26105	25751	1.44	cps
Calcium	43-1	319536	318958	323657	320717	0.80	cps
Calcium	44-1	5202989	5165119	5195694	5187934	0.39	cps
Chromium	52-2	136902	135791	135279	135991	0.61	cps
Cobalt	59-2	301739	299794	301128	300887	0.33	cps
Copper	63-2	520099	516475	518372	518315	0.35	cps
Dysprosium	156-1	42	25	17	28	45.82	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	17	33	58	36	58.08	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	50	42	67	53	24.12	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	6431597	6449811	6360792	6414067	0.73	cps
Holmium	165-2	1335349	1346261	1338571	1340060	0.42	cps
Indium	115-1	4931177	4924144	4974089	4943137	0.55	cps
Indium	115-2	216214	214129	215403	215249	0.49	cps
Iron	56-2	4677008	4620384	4641626	4646339	0.62	cps
Iron	57-2	116466	117402	116925	116931	0.40	cps
Krypton	83-1	363	353	383	367	4.17	cps
Lead	206-1	1195569	1202890	1200638	1199699	0.31	cps
Lead	207-1	1089294	1093691	1092272	1091752	0.21	cps
Lead	208-1	4998507	4999861	5010809	5003059	0.13	cps
Lithium	6-1	791418	787647	787692	788919	0.27	cps
Magnesium	24-2	475456	473045	476063	474855	0.34	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:05:24	DataFile Name :	008CAL5_P8041718- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80279	79388	79555	79740	0.59	cps
Molybdenum	94-1	2764047	2820847	2788816	2791237	1.02	cps
Molybdenum	95-1	3380663	3389158	3425885	3398569	0.71	cps
Molybdenum	96-1	3827055	3775348	3880298	3827567	1.37	cps
Molybdenum	97-1	2162001	2144110	2121725	2142612	0.94	cps
Molybdenum	98-1	5460781	5373992	5455936	5430236	0.90	cps
Neodymium	150-1	93	80	80	84	9.12	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	88978	88355	87721	88351	0.71	cps
Phosphorus	31-2	1492	1392	1458	1447	3.52	cps
Potassium	39-2	137929	137559	137205	137565	0.26	cps
Rhodium	103-1	4559899	4506139	4517618	4527885	0.63	cps
Rhodium	103-2	1186962	1189679	1191812	1189484	0.20	cps
Scandium	45-1	2559026	2533580	2556179	2549595	0.55	cps
Scandium	45-2	20929	20749	20665	20781	0.65	cps
Selenium	77-2	83	140	133	119	26.05	cps
Selenium	78-2	450	444	474	456	3.45	cps
Selenium	82-1	22406	23047	22264	22572	1.85	cps
Silicon	28-1	1022264	1025243	1016823	1021444	0.42	cps
Silver	109-1	1718614	1725079	1705362	1716352	0.59	cps
Silver	107-1	1784378	1779260	1770526	1778055	0.39	cps
Sodium	23-2	1078985	1079186	1067405	1075192	0.63	cps
Strontium	86-1	437780	435486	441085	438117	0.64	cps
Strontium	88-1	3826307	3800888	3827061	3818085	0.39	cps
Sulfur	34-1	373897	377637	372841	374792	0.67	cps
Terbium	159-1	6560010	6661352	6579253	6600205	0.82	cps
Terbium	159-2	1282027	1282375	1281458	1281953	0.04	cps
Thallium	203-1	1483681	1481864	1470211	1478585	0.49	cps
Thallium	205-1	3581694	3589567	3592637	3587966	0.16	cps
Tin	118-1	1150122	1152113	1154151	1152129	0.17	cps
Titanium	47-1	794308	790799	793316	792808	0.23	cps
Uranium	238-1	4881583	4851937	4859563	4864361	0.32	cps
Vanadium	51-2	103075	102381	103868	103108	0.72	cps
Yttrium	89-1	5105930	5108100	5152453	5122161	0.51	cps
Yttrium	89-2	157894	158406	156444	157581	0.65	cps
Zinc	66-2	49097	48441	49572	49036	1.16	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:05:24	DataFile Name :	008CALS_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2327042	2365076	2376441	2356186	1.10	cps
Zirconium	91-1	510957	509834	513407	511399	0.36	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:08:59	DataFile Name :	009CAL5_P8041718- M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37910	37876	37902	37896	0.05	cps
Antimony	121-1	3580055	3590756	3548811	3573207	0.61	cps
Arsenic	75-2	37649	37399	37636	37561	0.38	cps
Barium	135-1	3832342	3823960	3797773	3818025	0.47	cps
Barium	137-1	6652292	6597275	6599431	6616332	0.47	cps
Beryllium	9-1	363708	360468	363082	362419	0.47	cps
Bismuth	209-1	4600899	4679491	4642951	4641114	0.85	cps
Bismuth	209-2	1106312	1118163	1113127	1112534	0.53	cps
Boron	10-1	40182	41152	41093	40809	1.33	cps
Boron	11-1	188606	193368	194457	192144	1.62	cps
Cadmium	111-1	737124	733375	731989	734163	0.36	cps
Cadmium	106-1	76568	78445	74238	76417	2.76	cps
Cadmium	108-1	52121	52184	51770	52025	0.43	cps
Calcium	43-1	638424	638157	639584	638722	0.12	cps
Calcium	44-1	10264458	10303734	10383768	10317320	0.59	cps
Chromium	52-2	263566	263582	263696	263615	0.03	cps
Cobalt	59-2	588787	584520	580809	584706	0.68	cps
Copper	63-2	1006066	1008581	1007697	1007448	0.13	cps
Dysprosium	156-1	58	67	67	64	7.53	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	92	42	50	61	43.83	cps
Gadolinium	160-2	0	20	10	10	100.00	cps
Holmium	165-1	6646990	6597990	6600872	6615284	0.42	cps
Holmium	165-2	1344405	1358568	1352516	1351830	0.53	cps
Indium	115-1	5012941	4980137	5004171	4999083	0.34	cps
Indium	115-2	209089	209564	209876	209510	0.19	cps
Iron	56-2	8966696	8933064	8929612	8943124	0.23	cps
Iron	57-2	224666	224761	224389	224605	0.09	cps
Krypton	83-1	387	417	433	412	5.74	cps
Lead	206-1	2539856	2494256	2535558	2523223	1.00	cps
Lead	207-1	2317694	2304975	2336602	2319757	0.69	cps
Lead	208-1	10384230	10299041	10415646	10366306	0.58	cps
Lithium	6-1	793877	796184	792630	794230	0.23	cps
Magnesium	24-2	913502	904148	899796	905816	0.77	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:08:59	DataFile Name :	009CAL5_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	153870	153910	153280	153686	0.23	cps
Molybdenum	94-1	5560410	5602441	5560900	5574583	0.43	cps
Molybdenum	95-1	6845364	6737323	6829649	6804112	0.86	cps
Molybdenum	96-1	7652912	7669563	7690184	7670886	0.24	cps
Molybdenum	97-1	4317226	4269774	4299581	4295527	0.56	cps
Molybdenum	98-1	11063436	11004134	10942440	11003337	0.55	cps
Neodymium	150-1	220	120	267	202	37.05	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	170357	170068	169524	169983	0.25	cps
Phosphorus	31-2	2809	2659	2892	2787	4.24	cps
Potassium	39-2	259237	259656	257347	258747	0.48	cps
Rhodium	103-1	4540598	4514551	4533430	4529526	0.30	cps
Rhodium	103-2	1174182	1177068	1173390	1174880	0.16	cps
Scandium	45-1	2519992	2547552	2552462	2540002	0.69	cps
Scandium	45-2	19844	19891	19534	19756	0.98	cps
Selenium	77-2	217	260	237	238	9.12	cps
Selenium	78-2	909	907	857	891	3.30	cps
Selenium	82-1	45059	45705	45295	45353	0.72	cps
Silicon	28-1	1434622	1441963	1418179	1431588	0.85	cps
Silver	109-1	3468789	3455684	3444313	3456262	0.35	cps
Silver	107-1	3582290	3566130	3589129	3579183	0.33	cps
Sodium	23-2	2067339	2052133	2051439	2056970	0.44	cps
Strontium	86-1	882414	881774	885723	883304	0.24	cps
Strontium	88-1	7603816	7655257	7691642	7650238	0.58	cps
Sulfur	34-1	456977	450556	455993	454508	0.76	cps
Terbium	159-1	6783040	6735590	6764077	6760902	0.35	cps
Terbium	159-2	1282380	1288901	1291084	1287455	0.35	cps
Thallium	203-1	3121095	3082400	3096330	3099942	0.63	cps
Thallium	205-1	7256787	7191113	7210709	7219536	0.47	cps
Tin	118-1	2394637	2357415	2367502	2373185	0.81	cps
Titanium	47-1	1602354	1606102	1601617	1603358	0.15	cps
Uranium	238-1	9908603	9964584	9908479	9927222	0.33	cps
Vanadium	51-2	200685	200797	199858	200447	0.26	cps
Yttrium	89-1	5193605	5175190	5166248	5178348	0.27	cps
Yttrium	89-2	154101	156757	153794	154884	1.05	cps
Zinc	66-2	95720	95197	96036	95651	0.44	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:08:59	DataFile Name :	009CALS_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4735815	4761196	4755007	4750673	0.28	cps
Zirconium	91-1	1033987	1046986	1047880	1042951	0.75	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:12:31	DataFile Name :	010CAL5_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72578	75610	74915	74368	2.14	cps
Antimony	121-1	7009036	6984021	7062571	7018543	0.57	cps
Arsenic	75-2	72232	73049	74014	73098	1.22	cps
Barium	135-1	7491550	7538648	7522734	7517644	0.32	cps
Barium	137-1	13140234	13082070	13036669	13086324	0.40	cps
Beryllium	9-1	695388	695835	696374	695866	0.07	cps
Bismuth	209-1	4613740	4635893	4444942	4564858	2.29	cps
Bismuth	209-2	1094583	1094901	1089645	1093043	0.27	cps
Boron	10-1	78247	77988	81238	79157	2.28	cps
Boron	11-1	372124	374545	382234	376301	1.40	cps
Cadmium	111-1	1449254	1447271	1440013	1445513	0.34	cps
Cadmium	106-1	149261	146280	149124	148222	1.14	cps
Cadmium	108-1	101465	103342	101466	102091	1.06	cps
Calcium	43-1	1261413	1279861	1260888	1267387	0.85	cps
Calcium	44-1	20276555	20248397	20153654	20226202	0.32	cps
Chromium	52-2	512098	517629	522544	517423	1.01	cps
Cobalt	59-2	1128436	1143862	1153538	1141945	1.11	cps
Copper	63-2	1973913	1975273	1964438	1971208	0.30	cps
Dysprosium	156-1	100	150	125	125	20.00	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	58	25	50	44	39.04	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	33	92	100	75	48.43	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	6576338	6666547	6335245	6526043	2.62	cps
Holmium	165-2	1341352	1343242	1337437	1340677	0.22	cps
Indium	115-1	4881993	4885157	4708789	4825313	2.09	cps
Indium	115-2	203253	204209	203727	203730	0.23	cps
Iron	56-2	17759199	17954565	17926323	17880029	0.59	cps
Iron	57-2	445957	451504	451286	449582	0.70	cps
Krypton	83-1	417	300	373	363	16.23	cps
Lead	206-1	4902526	4915106	4896474	4904702	0.19	cps
Lead	207-1	4613924	4564064	4486336	4554775	1.41	cps
Lead	208-1	20305627	20311178	20038948	20218584	0.77	cps
Lithium	6-1	774431	777237	741974	764547	2.56	cps
Magnesium	24-2	1786952	1801295	1808537	1798928	0.61	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:12:31	DataFile Name :	010CAL5_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	295438	300582	301746	299256	1.12	cps
Molybdenum	94-1	10970026	10955070	11055864	10993653	0.49	cps
Molybdenum	95-1	13406351	13659753	13549485	13538530	0.94	cps
Molybdenum	96-1	15157878	15161261	15213086	15177408	0.20	cps
Molybdenum	97-1	8366776	8438166	8436851	8413931	0.49	cps
Molybdenum	98-1	21978168	21873483	21621781	21824477	0.84	cps
Neodymium	150-1	347	320	347	338	4.56	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	327033	328684	328024	327914	0.25	cps
Phosphorus	31-2	5551	5676	5743	5657	1.72	cps
Potassium	39-2	501604	507009	508623	505745	0.73	cps
Rhodium	103-1	4460664	4454350	4259769	4391594	2.60	cps
Rhodium	103-2	1143974	1143831	1144506	1144104	0.03	cps
Scandium	45-1	2496958	2512797	2359618	2456458	3.43	cps
Scandium	45-2	19964	19327	19233	19508	2.04	cps
Selenium	77-2	513	483	530	509	4.65	cps
Selenium	78-2	1524	1652	1706	1627	5.73	cps
Selenium	82-1	88264	88398	88897	88520	0.38	cps
Silicon	28-1	2320107	2312000	2329470	2320526	0.38	cps
Silver	109-1	6808443	6814162	6722829	6781811	0.75	cps
Silver	107-1	7049364	7006439	7093771	7049858	0.62	cps
Sodium	23-2	3984324	4015622	4005983	4001976	0.40	cps
Strontium	86-1	1762269	1753323	1778597	1764730	0.73	cps
Strontium	88-1	15100269	15111575	15109766	15107203	0.04	cps
Sulfur	34-1	630785	622656	622869	625437	0.74	cps
Terbium	159-1	6771580	6799623	6530020	6700408	2.21	cps
Terbium	159-2	1288137	1271261	1280609	1280003	0.66	cps
Thallium	203-1	6072526	6065752	6011757	6050012	0.55	cps
Thallium	205-1	14236911	14314971	14235656	14262513	0.32	cps
Tin	118-1	4706414	4696780	4679668	4694287	0.29	cps
Titanium	47-1	3147043	3123834	3125634	3132170	0.41	cps
Uranium	238-1	19971923	19849769	20221785	20014492	0.95	cps
Vanadium	51-2	390574	394149	394535	393086	0.56	cps
Yttrium	89-1	5169508	5195576	4872041	5079042	3.54	cps
Yttrium	89-2	150684	152383	152365	151811	0.64	cps
Zinc	66-2	182009	183043	184330	183127	0.63	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:12:31	DataFile Name :	010CALS_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9345677	9290040	9344897	9326871	0.34	cps
Zirconium	91-1	2111957	2099423	2117413	2109598	0.44	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:15:59	DataFile Name :	011CAL5_P8041718- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	378037	378748	383266	380017	0.75	cps
Antimony	121-1	23054	24924	28064	25347	9.99	cps
Arsenic	75-2	135	135	130	133	2.41	cps
Barium	135-1	1842	2309	2242	2131	11.85	cps
Barium	137-1	3784	3434	3751	3656	5.28	cps
Beryllium	9-1	750	594	567	637	15.51	cps
Bismuth	209-1	4331603	4330683	4319235	4327174	0.16	cps
Bismuth	209-2	1027310	1031613	1030600	1029841	0.22	cps
Boron	10-1	4242	3984	4142	4123	3.16	cps
Boron	11-1	19856	17536	15934	17776	11.09	cps
Cadmium	111-1	1017	1066	860	981	10.97	cps
Cadmium	106-1	1000	1092	775	956	17.05	cps
Cadmium	108-1	29	33	17	26	32.86	cps
Calcium	43-1	6397728	6480421	6457731	6445293	0.66	cps
Calcium	44-1	103517100	103546136	105238409	104100548	0.95	cps
Chromium	52-2	15309	15332	15706	15449	1.44	cps
Cobalt	59-2	14257	13824	14194	14092	1.66	cps
Copper	63-2	2520	2390	2184	2365	7.18	cps
Dysprosium	156-1	67	75	92	78	16.37	cps
Dysprosium	156-2	23	13	17	18	28.64	cps
Erbium	164-1	42	8	25	25	66.68	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	108	67	42	72	46.63	cps
Gadolinium	160-2	23	17	17	19	20.36	cps
Holmium	165-1	6461325	6450564	6495559	6469149	0.36	cps
Holmium	165-2	1326318	1325164	1328182	1326555	0.11	cps
Indium	115-1	4763332	4834739	4795340	4797804	0.75	cps
Indium	115-2	207081	205191	204827	205699	0.59	cps
Iron	56-2	87073699	86565994	86795419	86811704	0.29	cps
Iron	57-2	2225955	2228596	2241717	2232089	0.38	cps
Krypton	83-1	400	437	367	401	8.73	cps
Lead	206-1	27480	26935	26350	26922	2.10	cps
Lead	207-1	23378	23227	22860	23155	1.15	cps
Lead	208-1	108528	106884	104654	106689	1.82	cps
Lithium	6-1	760050	766822	777816	768229	1.17	cps
Magnesium	24-2	8936512	8939960	8938955	8938476	0.02	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:15:59	DataFile Name :	011CAL5_P8041718- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1150	1147	1310	1202	7.77	cps
Molybdenum	94-1	14325	15076	15459	14953	3.86	cps
Molybdenum	95-1	23421	24398	25400	24406	4.05	cps
Molybdenum	96-1	26176	27821	29341	27779	5.70	cps
Molybdenum	97-1	13816	15309	16269	15131	8.17	cps
Molybdenum	98-1	36191	37695	40612	38166	5.89	cps
Neodymium	150-1	73	100	133	102	29.41	cps
Neodymium	150-2	20	7	27	18	57.27	cps
Nickel	60-2	9924	9704	9864	9830	1.16	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	2597364	2613258	2618397	2609673	0.42	cps
Rhodium	103-1	4251842	4220471	4240173	4237495	0.37	cps
Rhodium	103-2	1093074	1095580	1095735	1094797	0.14	cps
Scandium	45-1	2457020	2454957	2503104	2471694	1.10	cps
Scandium	45-2	19691	19280	19784	19585	1.37	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	6	2	6	4	49.54	cps
Selenium	82-1	84	65	101	83	22.03	cps
Silicon	28-1	534309	550003	549670	544661	1.65	cps
Silver	109-1	533	600	500	544	9.35	cps
Silver	107-1	617	675	525	606	12.49	cps
Sodium	23-2	20230067	20176246	20359072	20255128	0.46	cps
Strontium	86-1	59280	57606	58568	58485	1.44	cps
Strontium	88-1	504343	503536	509050	505643	0.59	cps
Sulfur	34-1	271705	274970	279022	275232	1.33	cps
Terbium	159-1	6667524	6630227	6640929	6646227	0.29	cps
Terbium	159-2	1267472	1262101	1272538	1267370	0.41	cps
Thallium	203-1	3634	3551	3484	3556	2.11	cps
Thallium	205-1	8278	7886	8045	8070	2.44	cps
Tin	118-1	12974	13149	13374	13165	1.52	cps
Titanium	47-1	2117	2317	1842	2092	11.40	cps
Uranium	238-1	2034	2175	2067	2092	3.54	cps
Vanadium	51-2	210	150	167	176	17.64	cps
Yttrium	89-1	5020695	5015333	5019684	5018571	0.06	cps
Yttrium	89-2	153282	153437	153128	153282	0.10	cps
Zinc	66-2	963	917	1037	972	6.22	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:15:59	DataFile Name :	011CALS_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2575	2759	2667	2667	3.44	cps
Zirconium	91-1	575	650	475	567	15.49	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 14:29:47 DataFile Name : 012ICV01_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2525	2184	2092	2267	10.08	cps
Antimony	121-1	1340522	1355456	1348166	1348048	0.55	cps
Arsenic	75-2	15249	15470	15201	15307	0.94	cps
Barium	135-1	148331	146653	147371	147452	0.57	cps
Barium	137-1	258236	257836	261154	259076	0.70	cps
Beryllium	9-1	71499	71745	73012	72085	1.13	cps
Bismuth	209-1	4574993	4584281	4612761	4590678	0.43	cps
Bismuth	209-2	1128714	1111975	1121870	1120853	0.75	cps
Boron	10-1	41720	41971	43466	42386	2.23	cps
Boron	11-1	197562	202535	204970	201689	1.87	cps
Cadmium	111-1	148472	148735	146925	148044	0.66	cps
Cadmium	106-1	23955	25450	24181	24529	3.28	cps
Cadmium	108-1	13324	13324	13348	13332	0.11	cps
Calcium	43-1	29131	28597	28596	28775	1.07	cps
Calcium	44-1	441738	446759	444786	444428	0.57	cps
Chromium	52-2	53953	53696	54670	54106	0.93	cps
Cobalt	59-2	123383	122062	120616	122020	1.13	cps
Copper	63-2	105382	105114	104506	105000	0.43	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	42	100	64	49.38	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	33	33	58	42	34.65	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	6418807	6478185	6475370	6457454	0.52	cps
Holmium	165-2	1345984	1331536	1335482	1337668	0.56	cps
Indium	115-1	4966979	5016186	4969810	4984325	0.55	cps
Indium	115-2	217873	213607	215470	215650	0.99	cps
Iron	56-2	379078	376764	371466	375769	1.04	cps
Iron	57-2	9187	9353	9909	9483	3.99	cps
Krypton	83-1	383	383	373	380	1.52	cps
Lead	206-1	971132	971568	968882	970527	0.15	cps
Lead	207-1	848118	856084	850795	851666	0.48	cps
Lead	208-1	3969238	3989366	3978767	3979124	0.25	cps
Lithium	6-1	799168	802678	802364	801403	0.24	cps
Magnesium	24-2	22619	22594	23403	22872	2.01	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 14:29:47 DataFile Name : 012ICV01_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15956	16093	15579	15876	1.68	cps
Molybdenum	94-1	2680849	2644519	2673822	2666397	0.72	cps
Molybdenum	95-1	1463258	1463187	1464258	1463568	0.04	cps
Molybdenum	96-1	1905267	1906108	1894913	1902096	0.33	cps
Molybdenum	97-1	897797	897098	903755	899550	0.41	cps
Molybdenum	98-1	2358345	2391685	2370329	2373453	0.71	cps
Neodymium	150-1	7	27	53	29	81.04	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	36685	36137	36685	36502	0.87	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	23629	24555	24021	24069	1.93	cps
Rhodium	103-1	4538690	4607957	4664289	4603645	1.37	cps
Rhodium	103-2	1207133	1208541	1206435	1207370	0.09	cps
Scandium	45-1	2563024	2564209	2565505	2564246	0.05	cps
Scandium	45-2	21293	21283	20599	21058	1.89	cps
Selenium	77-2	147	100	83	110	29.85	cps
Selenium	78-2	352	343	322	339	4.47	cps
Selenium	82-1	17925	17777	17862	17855	0.42	cps
Silicon	28-1	1504308	1495329	1508846	1502828	0.46	cps
Silver	109-1	663752	661814	664171	663246	0.19	cps
Silver	107-1	691951	695371	691523	692948	0.30	cps
Sodium	23-2	93524	90562	89439	91175	2.31	cps
Strontium	86-1	930965	921461	937456	929961	0.87	cps
Strontium	88-1	8037002	8039645	8131461	8069370	0.67	cps
Sulfur	34-1	289831	283736	280522	284696	1.66	cps
Terbium	159-1	6622540	6613318	6614735	6616864	0.08	cps
Terbium	159-2	1286019	1270634	1280385	1279013	0.61	cps
Thallium	203-1	1198297	1200987	1198252	1199179	0.13	cps
Thallium	205-1	2932413	2981223	2950567	2954734	0.83	cps
Tin	118-1	2513468	2532370	2504621	2516819	0.56	cps
Titanium	47-1	342271	344428	340677	342459	0.55	cps
Uranium	238-1	10669553	10741787	10787270	10732870	0.55	cps
Vanadium	51-2	40692	41227	40074	40665	1.42	cps
Yttrium	89-1	5147212	5201708	5169318	5172746	0.53	cps
Yttrium	89-2	158163	156474	157439	157359	0.54	cps
Zinc	66-2	19537	19153	19868	19519	1.83	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:29:47	DataFile Name :	012ICV01_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4993402	4998217	5016513	5002711	0.24	cps
Zirconium	91-1	1089133	1087629	1092345	1089702	0.22	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 14:36:28 DataFile Name : 013CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	33	22	43.28	cps
Antimony	121-1	2909	4017	4976	3967	26.08	cps
Arsenic	75-2	17	9	11	12	31.24	cps
Barium	135-1	33	25	67	42	52.92	cps
Barium	137-1	92	33	58	61	47.89	cps
Beryllium	9-1	211	211	228	217	4.44	cps
Bismuth	209-1	4589769	4625011	4620798	4611860	0.42	cps
Bismuth	209-2	1118126	1112904	1111749	1114260	0.30	cps
Boron	10-1	1025	1067	1025	1039	2.32	cps
Boron	11-1	4459	4509	4634	4534	1.99	cps
Cadmium	111-1	733	584	583	633	13.64	cps
Cadmium	106-1	1033	825	808	889	14.10	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Calcium	43-1	817	758	750	775	4.69	cps
Calcium	44-1	10313	10988	10287	10529	3.77	cps
Chromium	52-2	173	270	253	232	22.25	cps
Cobalt	59-2	43	50	67	53	22.54	cps
Copper	63-2	127	93	170	130	29.57	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	25	33	19	89.21	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	58	58	67	61	7.87	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	6434380	6383579	6427025	6414995	0.43	cps
Holmium	165-2	1327354	1322098	1331115	1326856	0.34	cps
Indium	115-1	5100353	5056473	5011994	5056273	0.87	cps
Indium	115-2	219433	216810	217019	217754	0.67	cps
Iron	56-2	1611	1789	1667	1689	5.39	cps
Iron	57-2	39	50	39	43	15.06	cps
Krypton	83-1	360	363	333	352	4.67	cps
Lead	206-1	361	367	467	398	14.92	cps
Lead	207-1	289	361	239	296	20.74	cps
Lead	208-1	1456	1467	1478	1467	0.76	cps
Lithium	6-1	799198	801994	803515	801569	0.27	cps
Magnesium	24-2	450	408	492	450	9.26	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 14:36:28 DataFile Name : 013CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	17	10	13	25.01	cps
Molybdenum	94-1	733	783	1075	864	21.36	cps
Molybdenum	95-1	800	1250	1625	1225	33.72	cps
Molybdenum	96-1	958	1292	1784	1345	30.87	cps
Molybdenum	97-1	675	850	833	786	12.29	cps
Molybdenum	98-1	1584	2100	2317	2000	18.84	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	600	700	630	643	7.98	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2134	2050	2084	2089	2.01	cps
Rhodium	103-1	4642785	4636271	4606924	4628660	0.41	cps
Rhodium	103-2	1208503	1215779	1204067	1209449	0.49	cps
Scandium	45-1	2553289	2535004	2510589	2532960	0.85	cps
Scandium	45-2	20525	20231	20622	20460	0.99	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-32	38	20	9	415.47	cps
Silicon	28-1	347180	342991	346827	345666	0.67	cps
Silver	109-1	83	50	108	81	36.33	cps
Silver	107-1	92	75	92	86	11.18	cps
Sodium	23-2	4509	4226	4309	4348	3.35	cps
Strontium	86-1	558	517	567	547	4.90	cps
Strontium	88-1	200	225	158	194	17.32	cps
Sulfur	34-1	281953	285576	286204	284578	0.81	cps
Terbium	159-1	6633092	6549015	6667968	6616691	0.92	cps
Terbium	159-2	1277415	1265971	1257579	1266988	0.79	cps
Thallium	203-1	492	525	483	500	4.41	cps
Thallium	205-1	1225	1225	1075	1175	7.37	cps
Tin	118-1	1158	1433	1617	1403	16.45	cps
Titanium	47-1	233	150	142	175	28.97	cps
Uranium	238-1	158	208	350	239	41.62	cps
Vanadium	51-2	0	7	7	4	86.60	cps
Yttrium	89-1	5171509	5073880	5174560	5139983	1.11	cps
Yttrium	89-2	156498	158289	156370	157052	0.68	cps
Zinc	66-2	57	33	30	40	36.33	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:36:28	DataFile Name :	013CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	617	583	550	583	5.71	cps
Zirconium	91-1	125	100	192	139	34.12	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 14:39:52 DataFile Name : 014ICSA01_P8041718-1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	364393	358574	350169	357712	2.00	cps
Antimony	121-1	10313	10746	11230	10763	4.26	cps
Arsenic	75-2	26	28	20	25	15.62	cps
Barium	135-1	2275	2284	2400	2320	3.01	cps
Barium	137-1	4276	4334	4117	4243	2.64	cps
Beryllium	9-1	344	328	317	330	4.24	cps
Bismuth	209-1	4480408	4067170	4474413	4340664	5.46	cps
Bismuth	209-2	1074552	1068880	1058722	1067385	0.75	cps
Boron	10-1	983	833	858	892	9.01	cps
Boron	11-1	4376	3801	3942	4040	7.42	cps
Cadmium	111-1	858	1031	944	944	9.16	cps
Cadmium	106-1	717	733	883	778	11.80	cps
Cadmium	108-1	783	654	683	707	9.58	cps
Calcium	43-1	1286298	1306361	1301588	1298082	0.81	cps
Calcium	44-1	20828206	20924929	20819334	20857490	0.28	cps
Chromium	52-2	12542	12606	12593	12580	0.27	cps
Cobalt	59-2	1520	1497	1483	1500	1.24	cps
Copper	63-2	8213	7929	7886	8009	2.22	cps
Dysprosium	156-1	17	33	33	28	34.63	cps
Dysprosium	156-2	3	17	3	8	99.04	cps
Erbium	164-1	17	50	50	39	49.48	cps
Erbium	164-2	7	13	0	7	99.98	cps
Gadolinium	160-1	25	50	42	39	32.73	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	6563821	5909981	6559794	6344532	5.93	cps
Holmium	165-2	1341855	1340239	1323276	1335123	0.77	cps
Indium	115-1	4901119	4540657	4965425	4802400	4.77	cps
Indium	115-2	214086	211893	207903	211294	1.48	cps
Iron	56-2	36228884	36212395	35613074	36018118	0.97	cps
Iron	57-2	910443	904390	889588	901474	1.19	cps
Krypton	83-1	400	393	380	391	2.60	cps
Lead	206-1	24056	23667	23979	23901	0.86	cps
Lead	207-1	19198	18753	18787	18913	1.31	cps
Lead	208-1	90739	88973	90684	90132	1.11	cps
Lithium	6-1	753200	687666	750651	730506	5.08	cps
Magnesium	24-2	1820225	1812127	1794249	1808867	0.73	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 14:39:52 DataFile Name : 014ICSA01_P8041718-1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1347	1333	1333	1338	0.58	cps
Molybdenum	94-1	3080256	3113465	3114466	3102729	0.63	cps
Molybdenum	95-1	5326847	5418550	5376962	5374120	0.85	cps
Molybdenum	96-1	5806799	5770705	5732935	5770147	0.64	cps
Molybdenum	97-1	3356819	3398086	3382437	3379114	0.62	cps
Molybdenum	98-1	8587534	8763096	8630665	8660432	1.06	cps
Neodymium	150-1	60	20	20	33	69.28	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	3230	3054	3017	3100	3.68	cps
Phosphorus	31-2	27978	27102	27528	27536	1.59	cps
Potassium	39-2	1062779	1054698	1031306	1049594	1.56	cps
Rhodium	103-1	4445084	4057430	4513444	4338653	5.67	cps
Rhodium	103-2	1170994	1154104	1141271	1155456	1.29	cps
Scandium	45-1	2553127	2333012	2527204	2471114	4.87	cps
Scandium	45-2	20332	20101	19868	20100	1.15	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-20	-4	-17	-14	-59.40	cps
Silicon	28-1	431132	433311	428477	430973	0.56	cps
Silver	109-1	508	483	508	500	2.89	cps
Silver	107-1	500	583	750	611	20.83	cps
Sodium	23-2	4157600	4103845	4049108	4103518	1.32	cps
Strontium	86-1	60911	60242	59782	60312	0.94	cps
Strontium	88-1	522324	523236	519922	521827	0.33	cps
Sulfur	34-1	1839661	1834599	1841542	1838601	0.20	cps
Terbium	159-1	6664087	6125355	6775774	6521739	5.33	cps
Terbium	159-2	1277573	1266023	1255874	1266490	0.86	cps
Thallium	203-1	1450	1625	1358	1478	9.17	cps
Thallium	205-1	3476	3826	4284	3862	10.50	cps
Tin	118-1	2075	2142	2075	2097	1.84	cps
Titanium	47-1	1278340	1332110	1300036	1303495	2.08	cps
Uranium	238-1	508	558	508	525	5.50	cps
Vanadium	51-2	73	47	60	60	22.22	cps
Yttrium	89-1	5172959	4683266	5225825	5027350	5.95	cps
Yttrium	89-2	157735	154634	154062	155477	1.27	cps
Zinc	66-2	1270	1200	1237	1236	2.83	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:39:52	DataFile Name :	014ICSA01_P8041718-1

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2375	2017	2509	2300	11.06	cps
Zirconium	91-1	625	633	550	603	7.61	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:43:12	DataFile Name :	015ICSB_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	352529	353277	346504	350770	1.06	cps
Antimony	121-1	147978	150987	147253	148739	1.33	cps
Arsenic	75-2	1572	1420	1528	1507	5.18	cps
Barium	135-1	32583	32959	32925	32822	0.63	cps
Barium	137-1	56873	55920	55626	56140	1.16	cps
Beryllium	9-1	13740	14224	14241	14068	2.02	cps
Bismuth	209-1	4540447	4466269	4576515	4527744	1.24	cps
Bismuth	209-2	1077636	1080615	1072511	1076920	0.38	cps
Boron	10-1	617	650	592	619	4.72	cps
Boron	11-1	3276	3676	3267	3406	6.85	cps
Cadmium	111-1	29477	29995	29063	29512	1.58	cps
Cadmium	106-1	3309	3351	3326	3328	0.63	cps
Cadmium	108-1	2475	2475	2571	2507	2.21	cps
Calcium	43-1	1280891	1302993	1268618	1284167	1.36	cps
Calcium	44-1	20418855	20601809	20501083	20507249	0.45	cps
Chromium	52-2	23123	23396	22829	23116	1.23	cps
Cobalt	59-2	25056	25717	24395	25056	2.64	cps
Copper	63-2	28546	28212	27902	28220	1.14	cps
Dysprosium	156-1	25	42	17	28	45.82	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	75	58	58	64	15.05	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	67	100	33	67	50.00	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	6576928	6617176	6650559	6614887	0.56	cps
Holmium	165-2	1340365	1338818	1332460	1337214	0.31	cps
Indium	115-1	5007100	5022776	4971945	5000607	0.52	cps
Indium	115-2	210724	211448	210380	210851	0.26	cps
Iron	56-2	35439224	35349467	35187429	35325373	0.36	cps
Iron	57-2	889053	887453	882538	886348	0.38	cps
Krypton	83-1	377	387	457	407	10.72	cps
Lead	206-1	121958	121671	122492	122040	0.34	cps
Lead	207-1	103609	101991	102802	102800	0.79	cps
Lead	208-1	475585	472747	476263	474865	0.39	cps
Lithium	6-1	742094	745936	742312	743447	0.29	cps
Magnesium	24-2	1786544	1790911	1755698	1777717	1.08	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:43:12	DataFile Name :	015ICSB_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4654	4434	4371	4486	3.32	cps
Molybdenum	94-1	3059226	3062827	3084417	3068823	0.44	cps
Molybdenum	95-1	5374437	5390508	5344948	5369964	0.43	cps
Molybdenum	96-1	5746802	5752040	5748060	5748967	0.05	cps
Molybdenum	97-1	3345665	3396179	3384768	3375538	0.78	cps
Molybdenum	98-1	8633975	8608681	8633177	8625277	0.17	cps
Neodymium	150-1	20	27	40	29	35.25	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	10181	9940	9927	10016	1.42	cps
Phosphorus	31-2	27378	27336	26242	26985	2.39	cps
Potassium	39-2	1034245	1027370	1012567	1024727	1.08	cps
Rhodium	103-1	4499456	4498012	4500267	4499245	0.03	cps
Rhodium	103-2	1160699	1163861	1152203	1158921	0.52	cps
Scandium	45-1	2538533	2516173	2532327	2529011	0.46	cps
Scandium	45-2	19974	20034	19544	19851	1.35	cps
Selenium	77-2	13	7	0	7	99.98	cps
Selenium	78-2	56	28	44	43	32.83	cps
Selenium	82-1	1763	1760	1824	1782	2.01	cps
Silicon	28-1	431065	426084	424770	427306	0.78	cps
Silver	109-1	128272	127347	125396	127005	1.16	cps
Silver	107-1	132410	133059	132673	132714	0.25	cps
Sodium	23-2	4047489	4064956	4024278	4045574	0.50	cps
Strontium	86-1	59808	60862	62309	60993	2.06	cps
Strontium	88-1	519548	520968	529077	523198	0.98	cps
Sulfur	34-1	1799772	1803775	1790131	1797893	0.39	cps
Terbium	159-1	6644529	6753396	6716325	6704750	0.83	cps
Terbium	159-2	1276851	1276792	1274686	1276110	0.10	cps
Thallium	203-1	121949	121889	122107	121982	0.09	cps
Thallium	205-1	291952	287554	294001	291169	1.13	cps
Tin	118-1	1892	1750	2275	1972	13.77	cps
Titanium	47-1	1280135	1280353	1286709	1282399	0.29	cps
Uranium	238-1	283	458	475	406	26.18	cps
Vanadium	51-2	7906	8109	7992	8002	1.28	cps
Yttrium	89-1	5148572	5127606	5167588	5147922	0.39	cps
Yttrium	89-2	155378	153094	153218	153897	0.83	cps
Zinc	66-2	3140	3067	3027	3078	1.87	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:43:12	DataFile Name :	015ICSB_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1358	1558	1558	1492	7.74	cps
Zirconium	91-1	308	383	292	328	14.90	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:46:32	DataFile Name :	016CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	195961	194017	194929	194969	0.50	cps
Antimony	121-1	3527077	3535365	3522488	3528310	0.18	cps
Arsenic	75-2	38008	37631	37985	37875	0.56	cps
Barium	135-1	3813355	3841820	3841508	3832228	0.43	cps
Barium	137-1	6632167	6637880	6589676	6619907	0.40	cps
Beryllium	9-1	353829	352984	353453	353422	0.12	cps
Bismuth	209-1	4493202	4467957	4471580	4477580	0.30	cps
Bismuth	209-2	1061337	1058555	1059805	1059899	0.13	cps
Boron	10-1	39304	40149	41737	40397	3.06	cps
Boron	11-1	182978	188025	192888	187964	2.64	cps
Cadmium	111-1	707390	712596	710344	710110	0.37	cps
Cadmium	106-1	73023	75168	74540	74244	1.49	cps
Cadmium	108-1	51139	50172	50992	50768	1.03	cps
Calcium	43-1	3157873	3169062	3215562	3180832	0.96	cps
Calcium	44-1	51424034	51163008	51111348	51232797	0.33	cps
Chromium	52-2	276003	278124	276044	276724	0.44	cps
Cobalt	59-2	588355	593382	591404	591047	0.43	cps
Copper	63-2	980236	978561	986105	981634	0.40	cps
Dysprosium	156-1	108	83	108	100	14.43	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	17	8	33	19	65.47	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	33	100	83	72	48.04	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	6551588	6575182	6612930	6579900	0.47	cps
Holmium	165-2	1334285	1330203	1330349	1331612	0.17	cps
Indium	115-1	4906135	4965599	4916278	4929337	0.65	cps
Indium	115-2	206551	206141	207350	206681	0.30	cps
Iron	56-2	44252733	44618762	44837482	44569659	0.66	cps
Iron	57-2	1118456	1123034	1116842	1119444	0.29	cps
Krypton	83-1	447	447	330	408	16.52	cps
Lead	206-1	2523210	2464155	2459170	2482178	1.44	cps
Lead	207-1	2264697	2261365	2258540	2261534	0.14	cps
Lead	208-1	10141415	10129063	10148196	10139558	0.10	cps
Lithium	6-1	746264	748379	749872	748172	0.24	cps
Magnesium	24-2	4535525	4597696	4591498	4574906	0.75	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:46:32	DataFile Name :	016CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	155787	157594	158379	157253	0.85	cps
Molybdenum	94-1	5624168	5620517	5664756	5636480	0.44	cps
Molybdenum	95-1	6887626	6883001	6868911	6879846	0.14	cps
Molybdenum	96-1	7700878	7731146	7658260	7696761	0.48	cps
Molybdenum	97-1	4321108	4349295	4328755	4333053	0.34	cps
Molybdenum	98-1	11078720	11077224	11067822	11074589	0.05	cps
Neodymium	150-1	153	187	220	187	17.86	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	171501	171730	173766	172332	0.72	cps
Phosphorus	31-2	3009	3151	2900	3020	4.15	cps
Potassium	39-2	1309860	1341262	1341637	1330920	1.37	cps
Rhodium	103-1	4374668	4380709	4370895	4375424	0.11	cps
Rhodium	103-2	1141759	1138933	1136871	1139188	0.22	cps
Scandium	45-1	2551831	2541210	2545838	2546293	0.21	cps
Scandium	45-2	20111	20208	20976	20432	2.32	cps
Selenium	77-2	237	220	267	241	9.81	cps
Selenium	78-2	806	791	830	809	2.43	cps
Selenium	82-1	44640	44812	44534	44662	0.31	cps
Silicon	28-1	1438972	1433790	1442645	1438469	0.31	cps
Silver	109-1	3419418	3474496	3424828	3439581	0.88	cps
Silver	107-1	3535808	3573837	3568205	3559283	0.58	cps
Sodium	23-2	10254118	10404389	10326751	10328419	0.73	cps
Strontium	86-1	907718	906837	913128	909228	0.37	cps
Strontium	88-1	7866417	7862417	7837240	7855358	0.20	cps
Sulfur	34-1	456604	455856	454639	455700	0.22	cps
Terbium	159-1	6744012	6784186	6732574	6753591	0.40	cps
Terbium	159-2	1276515	1275568	1267406	1273163	0.39	cps
Thallium	203-1	2994639	3047799	3048924	3030454	1.02	cps
Thallium	205-1	7071058	7073780	7141884	7095574	0.57	cps
Tin	118-1	2391679	2367901	2367782	2375787	0.58	cps
Titanium	47-1	1624598	1608105	1607095	1613266	0.61	cps
Uranium	238-1	9953984	9980690	9922142	9952272	0.29	cps
Vanadium	51-2	207212	207231	208422	207622	0.33	cps
Yttrium	89-1	5189945	5137519	5154794	5160753	0.52	cps
Yttrium	89-2	156198	154196	155716	155370	0.67	cps
Zinc	66-2	91956	93556	93707	93073	1.04	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 14:46:32	DataFile Name :	016CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4785827	4758818	4732793	4759146	0.56	cps
Zirconium	91-1	1046846	1046577	1043354	1045592	0.19	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:11:59 DataFile Name : 017CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	25	17	14	91.65	cps
Antimony	121-1	2292	3026	3726	3014	23.78	cps
Arsenic	75-2	6	2	7	5	57.32	cps
Barium	135-1	25	25	33	28	17.33	cps
Barium	137-1	17	33	58	36	58.08	cps
Beryllium	9-1	117	189	139	148	24.97	cps
Bismuth	209-1	4780662	4746293	4768470	4765141	0.37	cps
Bismuth	209-2	1137410	1147958	1142062	1142477	0.46	cps
Boron	10-1	367	308	342	339	8.63	cps
Boron	11-1	1825	1542	1959	1775	11.99	cps
Cadmium	111-1	740	580	630	650	12.64	cps
Cadmium	106-1	1058	825	892	925	12.99	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	642	700	675	672	4.35	cps
Calcium	44-1	9971	10454	10004	10143	2.66	cps
Chromium	52-2	187	217	233	212	11.14	cps
Cobalt	59-2	43	47	43	44	4.34	cps
Copper	63-2	110	73	140	108	30.98	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	8	22	57.30	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	50	25	33	36	35.25	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	6597587	6610791	6615156	6607845	0.14	cps
Holmium	165-2	1363562	1363958	1351480	1359666	0.52	cps
Indium	115-1	5184514	5160076	5177432	5174007	0.24	cps
Indium	115-2	221479	223192	220565	221745	0.60	cps
Iron	56-2	1867	1778	1767	1804	3.04	cps
Iron	57-2	61	56	33	50	29.40	cps
Krypton	83-1	343	403	327	358	11.27	cps
Lead	206-1	356	422	361	380	9.74	cps
Lead	207-1	272	344	272	296	14.07	cps
Lead	208-1	1328	1461	1333	1374	5.49	cps
Lithium	6-1	803441	811420	803405	806089	0.57	cps
Magnesium	24-2	433	658	625	572	21.22	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:11:59	DataFile Name :	017CCBE_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	37	7	22	67.63	cps
Molybdenum	94-1	733	1025	1367	1042	30.43	cps
Molybdenum	95-1	917	1367	1625	1303	27.52	cps
Molybdenum	96-1	933	1383	1842	1386	32.77	cps
Molybdenum	97-1	475	967	1142	861	40.14	cps
Molybdenum	98-1	1292	1775	2784	1950	39.03	cps
Neodymium	150-1	27	13	7	16	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	610	550	593	584	5.30	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	1984	1892	2075	1984	4.62	cps
Rhodium	103-1	4759951	4734441	4731985	4742126	0.33	cps
Rhodium	103-2	1223461	1229683	1229848	1227664	0.30	cps
Scandium	45-1	2557364	2552385	2578812	2562853	0.55	cps
Scandium	45-2	20662	20939	21036	20879	0.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	21	-45	41	6	809.04	cps
Silicon	28-1	343581	338999	339992	340857	0.71	cps
Silver	109-1	58	75	83	72	17.62	cps
Silver	107-1	117	92	67	92	27.27	cps
Sodium	23-2	4793	4876	4701	4790	1.83	cps
Strontium	86-1	675	608	608	631	6.10	cps
Strontium	88-1	192	167	233	197	17.08	cps
Sulfur	34-1	293924	293781	293233	293646	0.12	cps
Terbium	159-1	6813181	6763580	6806456	6794406	0.40	cps
Terbium	159-2	1291988	1307003	1295008	1298000	0.61	cps
Thallium	203-1	425	425	442	431	2.23	cps
Thallium	205-1	867	1000	933	933	7.14	cps
Tin	118-1	817	975	1025	939	11.58	cps
Titanium	47-1	208	242	150	200	23.20	cps
Uranium	238-1	58	58	25	47	40.76	cps
Vanadium	51-2	7	13	7	9	43.25	cps
Yttrium	89-1	5235308	5263286	5250512	5249702	0.27	cps
Yttrium	89-2	160666	160413	158379	159819	0.78	cps
Zinc	66-2	63	77	80	73	12.03	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:11:59	DataFile Name :	017CCBE_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	525	425	558	503	13.80	cps
Zirconium	91-1	92	183	117	131	36.30	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:15:24	DataFile Name :	018SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	67	83	92	32.78	cps
Antimony	121-1	13674	15051	14734	14486	4.98	cps
Arsenic	75-2	85	70	57	71	19.58	cps
Barium	135-1	13749	13641	14058	13816	1.57	cps
Barium	137-1	23338	23589	23881	23602	1.15	cps
Beryllium	9-1	750	833	856	813	6.85	cps
Bismuth	209-1	4728613	4749338	4730147	4736033	0.24	cps
Bismuth	209-2	1133055	1127020	1122847	1127640	0.46	cps
Boron	10-1	2217	2034	2242	2164	5.26	cps
Boron	11-1	10196	9821	10021	10012	1.87	cps
Cadmium	111-1	1936	2046	1965	1982	2.87	cps
Cadmium	106-1	975	1092	1142	1070	8.00	cps
Cadmium	108-1	96	92	79	89	9.76	cps
Calcium	43-1	6860	6919	6343	6707	4.72	cps
Calcium	44-1	105453	104664	106477	105531	0.86	cps
Chromium	52-2	1237	1343	1283	1288	4.15	cps
Cobalt	59-2	1290	1110	1117	1172	8.71	cps
Copper	63-2	2014	2034	2214	2087	5.28	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	50	42	56	31.22	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	33	25	17	25	33.34	cps
Gadolinium	160-2	17	3	0	7	132.33	cps
Holmium	165-1	6633469	6596146	6572802	6600806	0.46	cps
Holmium	165-2	1345751	1339456	1332766	1339324	0.48	cps
Indium	115-1	5147106	5170782	5102400	5140096	0.68	cps
Indium	115-2	218260	216480	218881	217874	0.57	cps
Iron	56-2	19581	19169	18997	19249	1.56	cps
Iron	57-2	444	472	506	474	6.45	cps
Krypton	83-1	353	390	400	381	6.45	cps
Lead	206-1	4834	4879	4818	4844	0.65	cps
Lead	207-1	4579	4484	4356	4473	2.49	cps
Lead	208-1	20135	20035	19935	20035	0.50	cps
Lithium	6-1	799274	798655	796194	798041	0.20	cps
Magnesium	24-2	9329	9245	9070	9215	1.43	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:15:24	DataFile Name :	018SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	147	163	160	157	5.63	cps
Molybdenum	94-1	11022	10796	11230	11016	1.97	cps
Molybdenum	95-1	12406	12757	13374	12845	3.81	cps
Molybdenum	96-1	14191	15718	14650	14853	5.27	cps
Molybdenum	97-1	8220	8495	8386	8367	1.66	cps
Molybdenum	98-1	19740	20808	20967	20505	3.25	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	993	847	960	933	8.24	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	6869	6902	7185	6985	2.49	cps
Rhodium	103-1	4712399	4698980	4715889	4709089	0.19	cps
Rhodium	103-2	1228313	1208655	1211694	1216221	0.87	cps
Scandium	45-1	2531560	2583134	2531381	2548691	1.17	cps
Scandium	45-2	20131	20428	20849	20469	1.76	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	13	9	19	14	34.32	cps
Selenium	82-1	416	401	332	383	11.68	cps
Silicon	28-1	375950	373813	377878	375880	0.54	cps
Silver	109-1	6785	6419	6385	6530	3.40	cps
Silver	107-1	6635	6985	6318	6646	5.02	cps
Sodium	23-2	24438	24380	24781	24533	0.88	cps
Strontium	86-1	2284	2350	2234	2289	2.56	cps
Strontium	88-1	14900	15059	14283	14747	2.78	cps
Sulfur	34-1	294688	294564	295173	294808	0.11	cps
Terbium	159-1	6797786	6828434	6720920	6782380	0.82	cps
Terbium	159-2	1285799	1279531	1276062	1280464	0.39	cps
Thallium	203-1	6168	6010	6018	6066	1.47	cps
Thallium	205-1	14476	14751	14576	14601	0.95	cps
Tin	118-1	22678	21735	22128	22180	2.14	cps
Titanium	47-1	3226	3050	3017	3098	3.61	cps
Uranium	238-1	18314	18848	17805	18323	2.85	cps
Vanadium	51-2	1853	1900	1873	1876	1.25	cps
Yttrium	89-1	5231206	5199457	5223224	5217963	0.32	cps
Yttrium	89-2	157901	156194	157334	157143	0.55	cps
Zinc	66-2	200	280	297	259	19.96	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:15:24	DataFile Name :	018SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9529	8978	9104	9204	3.13	cps
Zirconium	91-1	2209	2225	2167	2200	1.37	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : PB108278BL Instrumnet Name : P8
 Client Sample ID : PB108278BL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:20:18 DataFile Name : 019CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	8	11	43.34	cps
Antimony	121-1	708	1158	1475	1114	34.59	cps
Arsenic	75-2	4	2	4	3	34.64	cps
Barium	135-1	8	25	42	25	66.68	cps
Barium	137-1	50	17	25	31	56.77	cps
Beryllium	9-1	122	178	100	133	30.05	cps
Bismuth	209-1	4691164	4697667	4659652	4682828	0.43	cps
Bismuth	209-2	1109678	1120768	1118732	1116393	0.53	cps
Boron	10-1	358	308	267	311	14.75	cps
Boron	11-1	1442	1667	1425	1511	8.93	cps
Cadmium	111-1	618	637	637	631	1.70	cps
Cadmium	106-1	892	908	917	906	1.41	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	558	758	700	672	15.30	cps
Calcium	44-1	8953	8528	9028	8837	3.05	cps
Chromium	52-2	233	210	233	226	5.97	cps
Cobalt	59-2	50	50	23	41	37.46	cps
Copper	63-2	120	103	113	112	7.47	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	33	42	25	33	25.01	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	6510663	6560689	6475152	6515501	0.66	cps
Holmium	165-2	1324952	1336370	1328502	1329942	0.44	cps
Indium	115-1	5122777	5068802	5057926	5083168	0.68	cps
Indium	115-2	218031	216154	215020	216402	0.70	cps
Iron	56-2	1556	1784	1283	1541	16.25	cps
Iron	57-2	67	39	22	43	52.72	cps
Krypton	83-1	427	363	353	381	10.44	cps
Lead	206-1	267	206	272	248	14.91	cps
Lead	207-1	256	261	206	241	12.71	cps
Lead	208-1	1128	1167	1122	1139	2.13	cps
Lithium	6-1	787804	790249	786259	788104	0.26	cps
Magnesium	24-2	633	367	558	519	26.47	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : PB108278BL Instrumnet Name : P8
 Client Sample ID : PB108278BL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:20:18 DataFile Name : 019CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	17	20	14	48.02	cps
Molybdenum	94-1	317	350	533	400	29.17	cps
Molybdenum	95-1	192	417	558	389	47.55	cps
Molybdenum	96-1	258	625	658	514	43.19	cps
Molybdenum	97-1	200	367	417	328	34.61	cps
Molybdenum	98-1	458	783	942	728	33.86	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	577	533	477	529	9.48	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2359	2184	2067	2203	6.66	cps
Rhodium	103-1	4623716	4652283	4638105	4638034	0.31	cps
Rhodium	103-2	1204810	1202062	1199268	1202047	0.23	cps
Scandium	45-1	2536913	2564754	2519045	2540238	0.91	cps
Scandium	45-2	20085	20602	20559	20415	1.41	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-77	21	31	-9	-686.66	cps
Silicon	28-1	336214	340360	341947	339507	0.87	cps
Silver	109-1	50	92	67	69	30.20	cps
Silver	107-1	108	75	117	100	22.05	cps
Sodium	23-2	4493	4601	4334	4476	3.00	cps
Strontium	86-1	617	717	817	717	13.95	cps
Strontium	88-1	133	108	108	117	12.37	cps
Sulfur	34-1	294953	291048	291886	292629	0.70	cps
Terbium	159-1	6727417	6772693	6614508	6704873	1.22	cps
Terbium	159-2	1267903	1274407	1267238	1269849	0.31	cps
Thallium	203-1	342	433	350	375	13.52	cps
Thallium	205-1	933	850	900	895	4.69	cps
Tin	118-1	642	517	575	578	10.83	cps
Titanium	47-1	75	108	92	92	18.18	cps
Uranium	238-1	17	33	25	25	33.32	cps
Vanadium	51-2	10	13	10	11	17.30	cps
Yttrium	89-1	5187854	5192615	5184703	5188391	0.08	cps
Yttrium	89-2	154792	155153	155733	155226	0.31	cps
Zinc	66-2	23	23	37	28	27.73	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108278BL	Instrumnet Name :	P8
Client Sample ID :	PB108278BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:20:18	DataFile Name :	019CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	358	392	500	417	17.78	cps
Zirconium	91-1	92	92	150	111	30.31	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108278BS	Instrumnet Name :	P8
Client Sample ID :	PB108278BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:23:42	DataFile Name :	020LCS6_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38820	39999	38536	39119	1.98	cps
Antimony	121-1	3548211	3543686	3535676	3542524	0.18	cps
Arsenic	75-2	38537	37618	37185	37780	1.83	cps
Barium	135-1	3816750	3797462	3773499	3795903	0.57	cps
Barium	137-1	6607957	6608690	6528838	6581828	0.70	cps
Beryllium	9-1	358853	358086	358103	358347	0.12	cps
Bismuth	209-1	4697702	4696133	4745538	4713124	0.60	cps
Bismuth	209-2	1114907	1106099	1114602	1111869	0.45	cps
Boron	10-1	36740	39121	40249	38703	4.63	cps
Boron	11-1	180522	184362	190760	185215	2.79	cps
Cadmium	111-1	729876	728604	722389	726956	0.55	cps
Cadmium	106-1	75428	74825	74749	75001	0.50	cps
Cadmium	108-1	50566	52310	51105	51327	1.74	cps
Calcium	43-1	636184	642599	644393	641058	0.67	cps
Calcium	44-1	10241091	10304050	10391740	10312294	0.73	cps
Chromium	52-2	268483	269160	265580	267741	0.71	cps
Cobalt	59-2	596855	590571	591682	593036	0.57	cps
Copper	63-2	1020428	1016376	1006964	1014589	0.68	cps
Dysprosium	156-1	33	75	8	39	86.61	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	50	33	42	42	20.00	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	42	75	58	58	28.57	cps
Gadolinium	160-2	13	10	0	8	89.21	cps
Holmium	165-1	6715612	6620460	6729767	6688613	0.89	cps
Holmium	165-2	1357767	1351470	1356510	1355249	0.25	cps
Indium	115-1	5045706	5032189	5056613	5044836	0.24	cps
Indium	115-2	213669	213004	213533	213402	0.16	cps
Iron	56-2	9098515	9087640	9080648	9088935	0.10	cps
Iron	57-2	228667	228250	226979	227965	0.39	cps
Krypton	83-1	383	403	390	392	2.60	cps
Lead	206-1	2455476	2478438	2466342	2466752	0.47	cps
Lead	207-1	2282633	2299012	2258825	2280157	0.89	cps
Lead	208-1	10190248	10272803	10210929	10224660	0.42	cps
Lithium	6-1	786442	788471	792899	789270	0.42	cps
Magnesium	24-2	921543	924913	918344	921600	0.36	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : PB108278BS Instrumnet Name : P8
 Client Sample ID : PB108278BS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:23:42 DataFile Name : 020LCS6_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	155053	157237	154533	155608	0.92	cps
Molybdenum	94-1	5551686	5477662	5551107	5526818	0.77	cps
Molybdenum	95-1	6741610	6788555	6752344	6760837	0.36	cps
Molybdenum	96-1	7666201	7627543	7563586	7619110	0.68	cps
Molybdenum	97-1	4229367	4257642	4304817	4263942	0.89	cps
Molybdenum	98-1	10800955	10992120	10953257	10915444	0.93	cps
Neodymium	150-1	160	153	180	164	8.44	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	173209	173260	169123	171864	1.38	cps
Phosphorus	31-2	2600	2875	2750	2742	5.02	cps
Potassium	39-2	266530	265966	263802	265433	0.54	cps
Rhodium	103-1	4613565	4655519	4583322	4617468	0.79	cps
Rhodium	103-2	1186556	1182469	1187616	1185547	0.23	cps
Scandium	45-1	2593551	2607471	2594633	2598552	0.30	cps
Scandium	45-2	20649	20325	20241	20405	1.05	cps
Selenium	77-2	257	253	283	264	6.22	cps
Selenium	78-2	874	893	841	869	3.02	cps
Selenium	82-1	44955	44757	45018	44910	0.30	cps
Silicon	28-1	1484673	1474322	1492884	1483960	0.63	cps
Silver	109-1	3469065	3455287	3501787	3475380	0.69	cps
Silver	107-1	3584782	3579589	3563045	3575805	0.32	cps
Sodium	23-2	2117449	2139987	2129261	2128899	0.53	cps
Strontium	86-1	875684	878378	877279	877114	0.15	cps
Strontium	88-1	7599253	7591564	7619767	7603528	0.19	cps
Sulfur	34-1	468929	465907	456422	463753	1.41	cps
Terbium	159-1	6851494	6860176	6856889	6856186	0.06	cps
Terbium	159-2	1296907	1301150	1293598	1297218	0.29	cps
Thallium	203-1	3095159	3070719	3051035	3072304	0.72	cps
Thallium	205-1	7230945	7169365	7149548	7183286	0.59	cps
Tin	118-1	2361478	2342566	2377589	2360544	0.74	cps
Titanium	47-1	1627740	1640249	1624697	1630895	0.51	cps
Uranium	238-1	9812546	9814450	9855709	9827568	0.25	cps
Vanadium	51-2	203046	205405	202305	203585	0.80	cps
Yttrium	89-1	5219163	5305418	5245181	5256587	0.84	cps
Yttrium	89-2	158346	158140	160025	158837	0.65	cps
Zinc	66-2	96134	95936	93858	95309	1.32	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108278BS	Instrumnet Name :	P8
Client Sample ID :	PB108278BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:23:42	DataFile Name :	020LCS6_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4716476	4716242	4716925	4716548	0.01	cps
Zirconium	91-1	1026855	1029789	1036366	1031003	0.47	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-01 Instrumnet Name : P8
 Client Sample ID : LF012RW035-180409 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:26:58 DataFile Name : 021SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	50	50	53	9.12	cps
Antimony	121-1	29392	35582	41541	35505	17.11	cps
Arsenic	75-2	148	196	206	183	16.81	cps
Barium	135-1	204770	203759	207754	205428	1.01	cps
Barium	137-1	349385	359095	362921	357134	1.95	cps
Beryllium	9-1	217	294	272	261	15.34	cps
Bismuth	209-1	4741395	4687977	4740982	4723451	0.65	cps
Bismuth	209-2	1042372	1044780	1036883	1041345	0.39	cps
Boron	10-1	13198	13115	12906	13073	1.15	cps
Boron	11-1	62729	60947	62194	61957	1.48	cps
Cadmium	111-1	833	940	801	858	8.44	cps
Cadmium	106-1	842	925	808	858	7.00	cps
Cadmium	108-1	50	29	21	33	45.07	cps
Calcium	43-1	1806607	1808523	1797435	1804188	0.33	cps
Calcium	44-1	29122401	29064953	28779814	28989056	0.63	cps
Chromium	52-2	663	670	583	639	7.55	cps
Cobalt	59-2	237	190	210	212	11.03	cps
Copper	63-2	3340	3370	3244	3318	2.00	cps
Dysprosium	156-1	58	50	42	50	16.67	cps
Dysprosium	156-2	7	7	17	10	57.72	cps
Erbium	164-1	67	58	50	58	14.29	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	67	67	67	67	0.00	cps
Gadolinium	160-2	7	17	20	14	48.02	cps
Holmium	165-1	6269264	6300094	6370822	6313393	0.82	cps
Holmium	165-2	1210732	1227519	1216500	1218250	0.70	cps
Indium	115-1	5009008	5035559	5072770	5039112	0.64	cps
Indium	115-2	191153	190311	188155	189873	0.81	cps
Iron	56-2	15364	14803	14591	14920	2.68	cps
Iron	57-2	367	339	383	363	6.19	cps
Krypton	83-1	430	440	377	416	8.19	cps
Lead	206-1	4579	3684	3123	3795	19.35	cps
Lead	207-1	4023	3306	2706	3345	19.71	cps
Lead	208-1	18161	14715	12258	15045	19.71	cps
Lithium	6-1	961556	983141	1021984	988894	3.10	cps
Magnesium	24-2	200452	193221	192106	195260	2.32	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-01	Instrumnet Name :	P8
Client Sample ID :	LF012RW035-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:26:58	DataFile Name :	021SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3631	3681	3320	3544	5.50	cps
Molybdenum	94-1	7061	7377	7611	7350	3.76	cps
Molybdenum	95-1	8853	9637	11222	9904	12.18	cps
Molybdenum	96-1	10171	11397	12515	11361	10.32	cps
Molybdenum	97-1	5268	6627	6969	6288	14.31	cps
Molybdenum	98-1	13582	16736	17854	16057	13.80	cps
Neodymium	150-1	100	127	133	120	14.70	cps
Neodymium	150-2	17	17	7	13	43.29	cps
Nickel	60-2	963	940	1023	976	4.41	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	102296	102774	99694	101588	1.63	cps
Rhodium	103-1	4261687	4231750	4286069	4259836	0.64	cps
Rhodium	103-2	1051980	1047520	1034946	1044815	0.85	cps
Scandium	45-1	2263315	2264440	2223326	2250360	1.04	cps
Scandium	45-2	15853	15359	14915	15375	3.05	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	69	114	149	111	36.43	cps
Silicon	28-1	10825855	10684624	10608612	10706364	1.03	cps
Silver	109-1	6102	5176	4576	5285	14.54	cps
Silver	107-1	6360	5568	4584	5504	16.16	cps
Sodium	23-2	859368	843167	832552	845029	1.60	cps
Strontium	86-1	1083585	1083982	1086646	1084738	0.15	cps
Strontium	88-1	9292607	9476660	9380945	9383404	0.98	cps
Sulfur	34-1	831632	818059	815595	821762	1.05	cps
Terbium	159-1	6516377	6515620	6536571	6522856	0.18	cps
Terbium	159-2	1164639	1166326	1162434	1164467	0.17	cps
Thallium	203-1	6560	4343	2934	4612	39.64	cps
Thallium	205-1	14951	9596	6777	10441	39.77	cps
Tin	118-1	15985	15534	15877	15799	1.49	cps
Titanium	47-1	892	750	942	861	11.55	cps
Uranium	238-1	31215	32109	32778	32034	2.45	cps
Vanadium	51-2	1817	1753	1727	1766	2.62	cps
Yttrium	89-1	4772822	4789647	4813554	4792008	0.43	cps
Yttrium	89-2	129372	128413	126591	128125	1.10	cps
Zinc	66-2	1390	1253	1377	1340	5.62	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-01	Instrumnet Name :	P8
Client Sample ID :	LF012RW035-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:26:58	DataFile Name :	021SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4327	3659	3626	3871	10.22	cps
Zirconium	91-1	842	950	875	889	6.24	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-02	Instrumnet Name :	P8
Client Sample ID :	LF012MW028-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:30:21	DataFile Name :	022SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	25	42	33	25.01	cps
Antimony	121-1	17471	19715	21001	19396	9.21	cps
Arsenic	75-2	265	270	291	275	4.96	cps
Barium	135-1	223514	228031	226938	226161	1.04	cps
Barium	137-1	395244	396482	396854	396193	0.21	cps
Beryllium	9-1	206	189	167	187	10.43	cps
Bismuth	209-1	4756809	4679845	4738480	4725045	0.85	cps
Bismuth	209-2	1026911	1033628	1021707	1027415	0.58	cps
Boron	10-1	36965	36706	37375	37015	0.91	cps
Boron	11-1	169238	173603	175427	172756	1.84	cps
Cadmium	111-1	19492	19182	19623	19432	1.17	cps
Cadmium	106-1	2609	2692	2492	2598	3.87	cps
Cadmium	108-1	1233	1158	1121	1171	4.89	cps
Calcium	43-1	3335288	3262232	3240473	3279331	1.51	cps
Calcium	44-1	53090166	53464579	52873413	53142719	0.56	cps
Chromium	52-2	667	727	630	674	7.24	cps
Cobalt	59-2	5758	6061	5935	5918	2.58	cps
Copper	63-2	35693	35786	35225	35568	0.85	cps
Dysprosium	156-1	33	75	100	69	48.50	cps
Dysprosium	156-2	23	23	17	21	18.21	cps
Erbium	164-1	100	142	117	119	17.56	cps
Erbium	164-2	27	3	20	17	72.13	cps
Gadolinium	160-1	75	150	117	114	33.00	cps
Gadolinium	160-2	20	20	20	20	0.00	cps
Holmium	165-1	6582232	6527666	6542333	6550743	0.43	cps
Holmium	165-2	1223413	1232229	1219935	1225192	0.52	cps
Indium	115-1	4988047	4978241	4908725	4958337	0.87	cps
Indium	115-2	180384	179012	179166	179521	0.42	cps
Iron	56-2	2385197	2361325	2348328	2364950	0.79	cps
Iron	57-2	59287	57631	57714	58211	1.60	cps
Krypton	83-1	390	463	357	403	13.53	cps
Lead	206-1	24179	24246	24530	24318	0.77	cps
Lead	207-1	20962	20946	21218	21042	0.73	cps
Lead	208-1	96975	96093	97805	96958	0.88	cps
Lithium	6-1	1136037	1177039	1183685	1165587	2.21	cps
Magnesium	24-2	369127	367508	366074	367570	0.42	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-02	Instrumnet Name :	P8
Client Sample ID :	LF012MW028-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:30:21	DataFile Name :	022SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	94530	93826	93584	93980	0.52	cps
Molybdenum	94-1	5318	5718	5643	5560	3.83	cps
Molybdenum	95-1	7394	7728	8186	7769	5.12	cps
Molybdenum	96-1	8211	8878	9529	8873	7.42	cps
Molybdenum	97-1	4668	4768	5260	4898	6.47	cps
Molybdenum	98-1	11989	12198	12373	12187	1.58	cps
Neodymium	150-1	87	80	100	89	11.46	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	12352	12299	12222	12291	0.53	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	76131	75302	75445	75626	0.59	cps
Rhodium	103-1	4269372	4267833	4240289	4259165	0.38	cps
Rhodium	103-2	1013420	1021553	1017062	1017345	0.40	cps
Scandium	45-1	2168538	2112796	2147320	2142885	1.31	cps
Scandium	45-2	14738	14474	14291	14501	1.55	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	64	-2	69	44	89.95	cps
Silicon	28-1	19504841	19431761	19219980	19385527	0.76	cps
Silver	109-1	4559	4676	4559	4598	1.47	cps
Silver	107-1	5035	4968	4659	4887	4.10	cps
Sodium	23-2	1926322	1919307	1862529	1902719	1.84	cps
Strontium	86-1	1842393	1865076	1825678	1844383	1.07	cps
Strontium	88-1	15922024	15767230	15610605	15766619	0.99	cps
Sulfur	34-1	2145783	2127285	2072259	2115109	1.81	cps
Terbium	159-1	6702768	6653805	6608799	6655124	0.71	cps
Terbium	159-2	1162683	1173683	1164588	1166984	0.50	cps
Thallium	203-1	675	783	758	739	7.68	cps
Thallium	205-1	2200	2000	1942	2047	6.62	cps
Tin	118-1	10863	10997	10613	10824	1.80	cps
Titanium	47-1	625	633	800	686	14.39	cps
Uranium	238-1	24149	23548	24792	24163	2.57	cps
Vanadium	51-2	357	270	303	310	14.10	cps
Yttrium	89-1	4769301	4731810	4716255	4739122	0.58	cps
Yttrium	89-2	122997	122167	120206	121790	1.18	cps
Zinc	66-2	21347	20983	20856	21062	1.21	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-02	Instrumnet Name :	P8
Client Sample ID :	LF012MW028-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:30:21	DataFile Name :	022SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3134	2842	3076	3017	5.12	cps
Zirconium	91-1	625	767	592	661	14.06	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-03	Instrumnet Name :	P8
Client Sample ID :	LF012MW200-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:33:42	DataFile Name :	023SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	17	19	24.73	cps
Antimony	121-1	9520	10313	11539	10457	9.72	cps
Arsenic	75-2	491	472	487	483	2.03	cps
Barium	135-1	103208	103578	102780	103189	0.39	cps
Barium	137-1	181082	179325	180433	180280	0.49	cps
Beryllium	9-1	178	156	139	157	12.39	cps
Bismuth	209-1	4634796	4667736	4639989	4647507	0.38	cps
Bismuth	209-2	1016881	1013255	1006174	1012103	0.54	cps
Boron	10-1	47588	49870	48842	48767	2.34	cps
Boron	11-1	229442	234088	233079	232203	1.05	cps
Cadmium	111-1	633	735	655	674	7.92	cps
Cadmium	106-1	708	817	775	767	7.13	cps
Cadmium	108-1	13	29	29	24	40.76	cps
Calcium	43-1	2563373	2538242	2501472	2534362	1.23	cps
Calcium	44-1	41007583	40771553	40513921	40764352	0.61	cps
Chromium	52-2	520	453	423	466	10.63	cps
Cobalt	59-2	700	773	800	758	6.83	cps
Copper	63-2	2240	2214	2020	2158	5.56	cps
Dysprosium	156-1	58	58	42	53	18.23	cps
Dysprosium	156-2	0	20	3	8	137.80	cps
Erbium	164-1	75	50	25	50	50.00	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	83	50	50	61	31.50	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	6439193	6460583	6541918	6480565	0.84	cps
Holmium	165-2	1209923	1215817	1212506	1212749	0.24	cps
Indium	115-1	4831250	4776936	4839734	4815973	0.71	cps
Indium	115-2	176978	174659	173897	175178	0.92	cps
Iron	56-2	2907308	2852953	2854528	2871596	1.08	cps
Iron	57-2	71823	70210	71220	71085	1.15	cps
Krypton	83-1	423	373	487	428	13.28	cps
Lead	206-1	2284	2378	2084	2248	6.69	cps
Lead	207-1	1906	1645	2006	1852	10.07	cps
Lead	208-1	8896	8868	8557	8774	2.15	cps
Lithium	6-1	1193150	1206036	1218856	1206014	1.07	cps
Magnesium	24-2	523996	517483	514163	518547	0.96	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-03	Instrumnet Name :	P8
Client Sample ID :	LF012MW200-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:33:42	DataFile Name :	023SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83374	81405	82572	82450	1.20	cps
Molybdenum	94-1	3817	4201	3901	3973	5.08	cps
Molybdenum	95-1	5151	5293	5143	5196	1.62	cps
Molybdenum	96-1	5910	6235	6260	6135	3.18	cps
Molybdenum	97-1	3059	3692	3417	3390	9.37	cps
Molybdenum	98-1	8061	8461	8720	8414	3.94	cps
Neodymium	150-1	47	53	100	67	43.58	cps
Neodymium	150-2	3	0	20	8	137.80	cps
Nickel	60-2	1310	1197	1207	1238	5.07	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	65294	65269	65771	65445	0.43	cps
Rhodium	103-1	4176261	4151816	4195973	4174683	0.53	cps
Rhodium	103-2	994910	996096	992181	994396	0.20	cps
Scandium	45-1	2089788	2084758	2101296	2091947	0.41	cps
Scandium	45-2	13880	13920	14134	13978	0.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	30	87	-90	9	1025.26	cps
Silicon	28-1	20030637	20013400	19872436	19972158	0.43	cps
Silver	109-1	1850	1534	1400	1595	14.50	cps
Silver	107-1	1650	1575	1600	1609	2.37	cps
Sodium	23-2	2594084	2602223	2566076	2587461	0.73	cps
Strontium	86-1	2028613	2070945	2075746	2058435	1.26	cps
Strontium	88-1	17516447	17437527	17523644	17492539	0.27	cps
Sulfur	34-1	1580109	1571432	1565560	1572367	0.47	cps
Terbium	159-1	6636411	6634227	6656087	6642241	0.18	cps
Terbium	159-2	1156178	1158267	1139093	1151179	0.91	cps
Thallium	203-1	358	350	358	356	1.35	cps
Thallium	205-1	858	858	908	875	3.30	cps
Tin	118-1	9162	9354	9270	9262	1.04	cps
Titanium	47-1	650	658	700	670	4.00	cps
Uranium	238-1	11289	11347	10613	11083	3.68	cps
Vanadium	51-2	183	153	170	169	8.90	cps
Yttrium	89-1	4665440	4668671	4733180	4689097	0.81	cps
Yttrium	89-2	120244	119181	118959	119461	0.57	cps
Zinc	66-2	3777	3837	3691	3768	1.96	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-03	Instrumnet Name :	P8
Client Sample ID :	LF012MW200-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:33:42	DataFile Name :	023SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2359	2409	2300	2356	2.30	cps
Zirconium	91-1	558	508	517	528	5.08	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0439-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:37:02	DataFile Name :	024SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	67	42	58	24.74	cps
Antimony	121-1	15001	16152	16494	15882	4.93	cps
Arsenic	75-2	250	283	233	256	9.96	cps
Barium	135-1	218061	215256	219194	217504	0.93	cps
Barium	137-1	380440	377672	378521	378878	0.37	cps
Beryllium	9-1	139	161	128	143	11.91	cps
Bismuth	209-1	4652181	4655544	4709080	4672268	0.68	cps
Bismuth	209-2	1004488	1006195	1006129	1005604	0.10	cps
Boron	10-1	35503	36188	36397	36029	1.30	cps
Boron	11-1	163041	166100	168826	165989	1.74	cps
Cadmium	111-1	17735	18352	17647	17911	2.14	cps
Cadmium	106-1	1992	2434	2150	2192	10.21	cps
Cadmium	108-1	1071	1108	1242	1140	7.87	cps
Calcium	43-1	3059609	3061720	3066509	3062613	0.12	cps
Calcium	44-1	49871283	49977471	49605980	49818245	0.38	cps
Chromium	52-2	837	730	740	769	7.66	cps
Cobalt	59-2	5271	5588	5631	5497	3.58	cps
Copper	63-2	31686	31008	31653	31449	1.22	cps
Dysprosium	156-1	125	100	167	131	25.80	cps
Dysprosium	156-2	17	13	20	17	20.01	cps
Erbium	164-1	142	100	92	111	24.11	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	108	108	83	100	14.43	cps
Gadolinium	160-2	17	20	7	14	48.02	cps
Holmium	165-1	6421906	6423401	6554610	6466639	1.18	cps
Holmium	165-2	1200348	1206963	1196727	1201346	0.43	cps
Indium	115-1	4770606	4832425	4830198	4811076	0.73	cps
Indium	115-2	170366	174031	170336	171577	1.24	cps
Iron	56-2	1999295	2005150	2005394	2003280	0.17	cps
Iron	57-2	50403	48959	49566	49643	1.46	cps
Krypton	83-1	460	360	353	391	15.28	cps
Lead	206-1	22749	23528	22621	22966	2.14	cps
Lead	207-1	19271	19927	19677	19625	1.69	cps
Lead	208-1	88438	90442	91248	90043	1.61	cps
Lithium	6-1	1232594	1248880	1253351	1244942	0.88	cps
Magnesium	24-2	336351	332709	331057	333372	0.81	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0439-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:37:02	DataFile Name :	024SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	86627	86908	86385	86640	0.30	cps
Molybdenum	94-1	4801	4726	4643	4723	1.68	cps
Molybdenum	95-1	6685	6177	7019	6627	6.40	cps
Molybdenum	96-1	7036	6794	7511	7113	5.13	cps
Molybdenum	97-1	4268	4376	4026	4223	4.24	cps
Molybdenum	98-1	10822	10955	10921	10899	0.64	cps
Neodymium	150-1	80	113	80	91	21.13	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	11091	11522	11205	11273	1.98	cps
Phosphorus	31-2	33	8	0	14	124.92	cps
Potassium	39-2	69799	69548	70611	69986	0.79	cps
Rhodium	103-1	4101155	4143858	4158352	4134455	0.72	cps
Rhodium	103-2	981602	990395	983688	985228	0.47	cps
Scandium	45-1	2070812	2067649	2045860	2061440	0.66	cps
Scandium	45-2	13784	13794	13507	13695	1.19	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-29	62	50	28	178.66	cps
Silicon	28-1	17740516	17741360	17773408	17751761	0.11	cps
Silver	109-1	3492	3292	3059	3281	6.61	cps
Silver	107-1	3301	3817	3484	3534	7.41	cps
Sodium	23-2	1759751	1771467	1740901	1757373	0.88	cps
Strontium	86-1	1730566	1745595	1739205	1738456	0.43	cps
Strontium	88-1	14813866	15028545	14829144	14890518	0.80	cps
Sulfur	34-1	1974967	1970280	1986328	1977192	0.42	cps
Terbium	159-1	6576302	6606486	6654897	6612562	0.60	cps
Terbium	159-2	1130476	1143640	1142904	1139007	0.65	cps
Thallium	203-1	308	400	475	394	21.16	cps
Thallium	205-1	942	1075	1050	1022	6.93	cps
Tin	118-1	9062	9395	9495	9318	2.44	cps
Titanium	47-1	1101	625	683	803	32.30	cps
Uranium	238-1	22897	23907	24058	23621	2.67	cps
Vanadium	51-2	277	220	287	261	13.77	cps
Yttrium	89-1	4653317	4646985	4673483	4657928	0.30	cps
Yttrium	89-2	116099	117242	117019	116786	0.52	cps
Zinc	66-2	18563	18743	18826	18711	0.72	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0439-180409	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:37:02	DataFile Name :	024SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2459	2592	2134	2395	9.85	cps
Zirconium	91-1	617	500	533	550	10.93	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:40:23 DataFile Name : 025SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	108	92	119	29.05	cps
Antimony	121-1	9587	10088	11530	10402	9.70	cps
Arsenic	75-2	283	241	274	266	8.42	cps
Barium	135-1	50757	50163	51024	50648	0.87	cps
Barium	137-1	88109	88764	87069	87981	0.97	cps
Beryllium	9-1	161	156	122	146	14.38	cps
Bismuth	209-1	4621471	4682725	4689205	4664467	0.80	cps
Bismuth	209-2	1007376	896244	1006532	970050	6.59	cps
Boron	10-1	51167	51610	53961	52246	2.87	cps
Boron	11-1	243177	248264	249555	246999	1.37	cps
Cadmium	111-1	745	656	746	716	7.21	cps
Cadmium	106-1	883	733	808	808	9.28	cps
Cadmium	108-1	21	4	17	14	62.43	cps
Calcium	43-1	3900935	3933458	3933661	3922684	0.48	cps
Calcium	44-1	63122226	63380012	63227283	63243174	0.20	cps
Chromium	52-2	777	667	767	737	8.26	cps
Cobalt	59-2	703	903	837	814	12.50	cps
Copper	63-2	1183	1147	1217	1182	2.96	cps
Dysprosium	156-1	92	158	117	122	27.56	cps
Dysprosium	156-2	37	20	10	22	60.63	cps
Erbium	164-1	100	75	133	103	28.48	cps
Erbium	164-2	10	33	17	20	60.08	cps
Gadolinium	160-1	150	125	108	128	16.41	cps
Gadolinium	160-2	7	27	43	26	71.82	cps
Holmium	165-1	6465428	6563810	6493104	6507447	0.78	cps
Holmium	165-2	1221224	1092405	1211744	1175124	6.11	cps
Indium	115-1	4737931	4766837	4804654	4769807	0.70	cps
Indium	115-2	170506	154692	169649	164949	5.39	cps
Iron	56-2	1377113	1337443	1348114	1354223	1.52	cps
Iron	57-2	34326	34905	34048	34426	1.27	cps
Krypton	83-1	390	340	377	369	7.02	cps
Lead	206-1	1817	2084	1917	1939	6.95	cps
Lead	207-1	1561	1706	1739	1669	5.66	cps
Lead	208-1	7184	7907	7790	7627	5.08	cps
Lithium	6-1	1229190	1224026	1232611	1228609	0.35	cps
Magnesium	24-2	1186574	1180792	1195319	1187562	0.62	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:40:23	DataFile Name :	025SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50374	50207	50748	50443	0.55	cps
Molybdenum	94-1	2867	2884	2575	2775	6.25	cps
Molybdenum	95-1	3059	3267	3609	3312	8.39	cps
Molybdenum	96-1	3676	3701	3884	3753	3.03	cps
Molybdenum	97-1	1992	2209	2392	2198	9.11	cps
Molybdenum	98-1	5310	5218	5760	5429	5.34	cps
Neodymium	150-1	133	153	140	142	7.16	cps
Neodymium	150-2	20	10	17	16	32.73	cps
Nickel	60-2	1783	1840	1934	1852	4.09	cps
Phosphorus	31-2	25	17	17	19	24.73	cps
Potassium	39-2	75729	75285	76400	75804	0.74	cps
Rhodium	103-1	4065241	4123249	4135024	4107838	0.91	cps
Rhodium	103-2	980054	876286	981404	945915	6.38	cps
Scandium	45-1	2054035	2043277	2060662	2052658	0.43	cps
Scandium	45-2	13760	12145	13427	13111	6.50	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	84	101	48	78	34.72	cps
Silicon	28-1	20901571	21034707	20775398	20903892	0.62	cps
Silver	109-1	1108	1083	1117	1103	1.57	cps
Silver	107-1	1342	1183	1083	1203	10.83	cps
Sodium	23-2	3580138	3516234	3550688	3549020	0.90	cps
Strontium	86-1	4122359	4134993	4145339	4134230	0.28	cps
Strontium	88-1	35696638	35842648	35931660	35823649	0.33	cps
Sulfur	34-1	4345300	4338900	4314912	4333037	0.37	cps
Terbium	159-1	6603394	6584821	6734671	6640962	1.23	cps
Terbium	159-2	1153938	1037680	1156028	1115882	6.07	cps
Thallium	203-1	217	342	200	253	30.63	cps
Thallium	205-1	508	575	508	531	7.25	cps
Tin	118-1	7027	7486	8386	7633	9.06	cps
Titanium	47-1	725	708	934	789	15.90	cps
Uranium	238-1	26479	26880	27791	27050	2.48	cps
Vanadium	51-2	303	330	457	363	22.55	cps
Yttrium	89-1	4631861	4671602	4686367	4663276	0.60	cps
Yttrium	89-2	118229	104917	116031	113059	6.31	cps
Zinc	66-2	343	453	323	373	18.75	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:40:23	DataFile Name :	025SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2075	2734	2309	2373	14.08	cps
Zirconium	91-1	575	492	458	508	11.82	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05DUP	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410DL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:43:44	DataFile Name :	026SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	125	75	103	24.77	cps
Antimony	121-1	10480	10763	11372	10872	4.19	cps
Arsenic	75-2	231	213	230	225	4.54	cps
Barium	135-1	51233	53333	52672	52413	2.05	cps
Barium	137-1	91524	90970	88706	90400	1.65	cps
Beryllium	9-1	78	194	94	122	51.63	cps
Bismuth	209-1	4726146	4698824	4732331	4719100	0.38	cps
Bismuth	209-2	1004911	1005661	1001274	1003949	0.23	cps
Boron	10-1	52254	52781	53718	52918	1.40	cps
Boron	11-1	248051	251577	254123	251250	1.21	cps
Cadmium	111-1	630	601	658	630	4.50	cps
Cadmium	106-1	733	675	708	706	4.15	cps
Cadmium	108-1	0	13	13	8	86.60	cps
Calcium	43-1	3963260	3947927	3938755	3949981	0.31	cps
Calcium	44-1	63965497	64278904	64026304	64090235	0.26	cps
Chromium	52-2	650	703	760	704	7.81	cps
Cobalt	59-2	767	763	793	774	2.12	cps
Copper	63-2	1047	1167	1073	1096	5.75	cps
Dysprosium	156-1	100	100	92	97	4.95	cps
Dysprosium	156-2	13	23	17	18	28.64	cps
Erbium	164-1	92	150	75	106	37.31	cps
Erbium	164-2	23	23	30	26	15.07	cps
Gadolinium	160-1	142	175	125	147	17.29	cps
Gadolinium	160-2	33	27	13	24	41.66	cps
Holmium	165-1	6640268	6601744	6667081	6636364	0.49	cps
Holmium	165-2	1221454	1219540	1216968	1219321	0.18	cps
Indium	115-1	4787246	4790074	4799893	4792404	0.14	cps
Indium	115-2	168353	167644	166135	167377	0.68	cps
Iron	56-2	1344526	1340251	1338361	1341046	0.24	cps
Iron	57-2	33424	33585	33563	33524	0.26	cps
Krypton	83-1	377	327	320	341	9.08	cps
Lead	206-1	1839	2011	1922	1924	4.48	cps
Lead	207-1	1500	1450	1400	1450	3.45	cps
Lead	208-1	6995	7068	7434	7166	3.29	cps
Lithium	6-1	1222771	1212638	1217403	1217604	0.42	cps
Magnesium	24-2	1194702	1210222	1179121	1194682	1.30	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05DUP Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:43:44 DataFile Name : 026SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50364	49993	49521	49959	0.85	cps
Molybdenum	94-1	2775	2717	2684	2725	1.70	cps
Molybdenum	95-1	3226	3142	3351	3239	3.24	cps
Molybdenum	96-1	3767	4101	3692	3854	5.64	cps
Molybdenum	97-1	2284	2234	1917	2145	9.27	cps
Molybdenum	98-1	5510	5601	5635	5582	1.16	cps
Neodymium	150-1	133	133	127	131	2.94	cps
Neodymium	150-2	20	17	23	20	16.65	cps
Nickel	60-2	1740	1717	1720	1726	0.73	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	75218	73895	72512	73875	1.83	cps
Rhodium	103-1	4153756	4139198	4161925	4151626	0.28	cps
Rhodium	103-2	979904	974072	966418	973465	0.69	cps
Scandium	45-1	2060395	2059031	2065509	2061645	0.17	cps
Scandium	45-2	13236	13043	13196	13159	0.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	55	167	110	111	50.45	cps
Silicon	28-1	21038875	21034512	20992355	21021914	0.12	cps
Silver	109-1	1308	1092	1008	1136	13.63	cps
Silver	107-1	1158	1117	1100	1125	2.67	cps
Sodium	23-2	3540584	3525090	3535010	3533561	0.22	cps
Strontium	86-1	4215259	4199726	4168119	4194368	0.57	cps
Strontium	88-1	36990698	36565422	36237370	36597830	1.03	cps
Sulfur	34-1	4401070	4365285	4359239	4375198	0.52	cps
Terbium	159-1	6761245	6767926	6773158	6767443	0.09	cps
Terbium	159-2	1157110	1151641	1139691	1149481	0.78	cps
Thallium	203-1	208	167	175	183	12.03	cps
Thallium	205-1	425	442	583	483	18.00	cps
Tin	118-1	7602	7544	7653	7600	0.71	cps
Titanium	47-1	800	908	1050	920	13.64	cps
Uranium	238-1	27022	26780	27849	27217	2.06	cps
Vanadium	51-2	347	377	240	321	22.37	cps
Yttrium	89-1	4703101	4680455	4649126	4677561	0.58	cps
Yttrium	89-2	114202	114639	113648	114163	0.44	cps
Zinc	66-2	337	397	373	369	8.20	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05DUP	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410DL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:43:44	DataFile Name :	026SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2259	2167	1959	2128	7.23	cps
Zirconium	91-1	625	517	350	497	27.86	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05LX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 15:47:05	DataFile Name :	027SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	50	83	64	27.15	cps
Antimony	121-1	2384	2342	2200	2309	4.16	cps
Arsenic	75-2	54	63	43	53	19.21	cps
Barium	135-1	11422	11539	10947	11303	2.78	cps
Barium	137-1	18964	19148	19440	19184	1.25	cps
Beryllium	9-1	117	111	106	111	5.00	cps
Bismuth	209-1	4984005	5091773	4980547	5018775	1.26	cps
Bismuth	209-2	1108530	1101554	1099469	1103184	0.43	cps
Boron	10-1	13874	13866	14466	14069	2.45	cps
Boron	11-1	66262	66906	65768	66312	0.86	cps
Cadmium	111-1	621	705	595	640	9.00	cps
Cadmium	106-1	858	942	800	867	8.21	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	874508	876298	871415	874074	0.28	cps
Calcium	44-1	14192624	14250029	14165521	14202725	0.30	cps
Chromium	52-2	327	317	360	334	6.78	cps
Cobalt	59-2	170	243	180	198	20.11	cps
Copper	63-2	490	523	463	492	6.11	cps
Dysprosium	156-1	8	50	75	44	75.78	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	58	25	25	36	53.30	cps
Erbium	164-2	0	0	20	7	173.21	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	6876112	6934083	6934323	6914839	0.49	cps
Holmium	165-2	1317553	1308338	1307422	1311104	0.43	cps
Indium	115-1	5077251	5147970	5149252	5124824	0.80	cps
Indium	115-2	192202	192308	188655	191055	1.09	cps
Iron	56-2	305547	308368	304628	306181	0.64	cps
Iron	57-2	7502	7736	7791	7676	2.00	cps
Krypton	83-1	377	327	407	370	10.92	cps
Lead	206-1	517	706	533	585	17.87	cps
Lead	207-1	578	622	517	572	9.26	cps
Lead	208-1	2484	2756	2233	2491	10.49	cps
Lithium	6-1	953982	962339	942933	953084	1.02	cps
Magnesium	24-2	267963	266543	263378	265962	0.88	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05LX5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410L Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 15:47:05 DataFile Name : 027SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11728	11455	11331	11505	1.77	cps
Molybdenum	94-1	700	833	908	814	12.97	cps
Molybdenum	95-1	700	950	850	833	15.10	cps
Molybdenum	96-1	1000	992	1092	1028	5.40	cps
Molybdenum	97-1	575	567	558	567	1.47	cps
Molybdenum	98-1	1392	1367	1425	1395	2.10	cps
Neodymium	150-1	47	33	80	53	45.07	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	783	873	773	810	6.80	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	18813	18104	19030	18649	2.60	cps
Rhodium	103-1	4613501	4603519	4519769	4578930	1.12	cps
Rhodium	103-2	1095157	1095822	1088544	1093174	0.37	cps
Scandium	45-1	2260442	2241253	2237349	2246348	0.55	cps
Scandium	45-2	15452	15279	15449	15393	0.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	7	4	86.68	cps
Selenium	82-1	-21	70	-50	0	-13559.00	cps
Silicon	28-1	4937663	4951284	4983435	4957461	0.47	cps
Silver	109-1	1380	450	483	771	68.40	cps
Silver	107-1	692	533	433	553	23.57	cps
Sodium	23-2	792088	801134	789126	794116	0.79	cps
Strontium	86-1	903402	899824	902035	901754	0.20	cps
Strontium	88-1	7855975	7912933	7866428	7878445	0.38	cps
Sulfur	34-1	1229249	1234245	1225782	1229759	0.35	cps
Terbium	159-1	7085930	7105855	7123476	7105087	0.26	cps
Terbium	159-2	1250892	1248175	1248982	1249350	0.11	cps
Thallium	203-1	175	192	108	158	27.85	cps
Thallium	205-1	383	350	308	347	10.82	cps
Tin	118-1	1659	1458	1417	1511	8.55	cps
Titanium	47-1	367	475	542	461	19.18	cps
Uranium	238-1	5943	6169	6035	6049	1.87	cps
Vanadium	51-2	87	87	120	98	19.68	cps
Yttrium	89-1	4957486	5028097	5065158	5016914	1.09	cps
Yttrium	89-2	131062	129302	128958	129774	0.87	cps
Zinc	66-2	120	100	140	120	16.67	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05LX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 15:47:05	DataFile Name :	027SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	667	617	742	675	9.33	cps
Zirconium	91-1	117	167	142	142	17.65	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:50:28	DataFile Name :	028CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	161433	162688	160028	161383	0.82	cps
Antimony	121-1	3547503	3545648	3528793	3540648	0.29	cps
Arsenic	75-2	33216	32975	33975	33388	1.56	cps
Barium	135-1	3983287	3947256	3959206	3963250	0.46	cps
Barium	137-1	6947692	6860080	6869608	6892460	0.70	cps
Beryllium	9-1	325735	326302	327006	326347	0.20	cps
Bismuth	209-1	5044221	5073586	5006005	5041271	0.67	cps
Bismuth	209-2	1111611	1056368	1119786	1095922	3.15	cps
Boron	10-1	38770	38937	40425	39377	2.31	cps
Boron	11-1	182302	184639	187839	184927	1.50	cps
Cadmium	111-1	737872	732278	730148	733433	0.54	cps
Cadmium	106-1	75713	76198	76535	76149	0.54	cps
Cadmium	108-1	52088	52410	51874	52124	0.52	cps
Calcium	43-1	3023399	3041123	3017178	3027233	0.41	cps
Calcium	44-1	48932807	48864663	48953689	48917053	0.10	cps
Chromium	52-2	239787	238753	239821	239454	0.25	cps
Cobalt	59-2	524613	528456	528016	527028	0.40	cps
Copper	63-2	893886	892023	896057	893989	0.23	cps
Dysprosium	156-1	17	75	67	53	59.77	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	42	8	58	36	70.51	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	58	83	75	72	17.62	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	7220903	7192780	7171782	7195155	0.34	cps
Holmium	165-2	1382654	1310149	1382974	1358592	3.09	cps
Indium	115-1	5226537	5192843	5138988	5186123	0.85	cps
Indium	115-2	197049	185865	197532	193482	3.41	cps
Iron	56-2	38835568	39258055	39149697	39081106	0.56	cps
Iron	57-2	977942	979205	985470	980872	0.41	cps
Krypton	83-1	393	397	370	387	3.76	cps
Lead	206-1	2736749	2720351	2739573	2732224	0.38	cps
Lead	207-1	2558659	2510730	2501229	2523539	1.22	cps
Lead	208-1	11304907	11227577	11183175	11238553	0.55	cps
Lithium	6-1	779478	778167	779218	778954	0.09	cps
Magnesium	24-2	3887681	3845226	3892111	3875006	0.67	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:50:28	DataFile Name :	028CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133062	134075	133864	133667	0.40	cps
Molybdenum	94-1	5784784	5770673	5736679	5764045	0.43	cps
Molybdenum	95-1	7094885	7005440	6981913	7027412	0.85	cps
Molybdenum	96-1	7835606	7812013	7829042	7825554	0.16	cps
Molybdenum	97-1	4492745	4423144	4448129	4454673	0.79	cps
Molybdenum	98-1	11314829	11360532	11335028	11336796	0.20	cps
Neodymium	150-1	193	140	153	162	17.11	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	153795	154455	155038	154429	0.40	cps
Phosphorus	31-2	2284	2259	2425	2323	3.87	cps
Potassium	39-2	1063779	1058125	1069076	1063660	0.51	cps
Rhodium	103-1	4582046	4590089	4607419	4593185	0.28	cps
Rhodium	103-2	1124364	1063950	1121206	1103173	3.08	cps
Scandium	45-1	2461402	2424848	2399965	2428738	1.27	cps
Scandium	45-2	17084	16073	17247	16801	3.79	cps
Selenium	77-2	160	250	227	212	22.01	cps
Selenium	78-2	717	717	867	767	11.30	cps
Selenium	82-1	44585	43836	44797	44406	1.14	cps
Silicon	28-1	1411535	1441358	1450304	1434399	1.42	cps
Silver	109-1	3651577	3624860	3622862	3633100	0.44	cps
Silver	107-1	3777538	3740749	3781435	3766574	0.60	cps
Sodium	23-2	8593611	8652237	8714397	8653415	0.70	cps
Strontium	86-1	906010	911029	906841	907960	0.30	cps
Strontium	88-1	7929769	7932553	7947056	7936459	0.12	cps
Sulfur	34-1	428051	424603	427360	426671	0.43	cps
Terbium	159-1	7421210	7363977	7285846	7357011	0.92	cps
Terbium	159-2	1307285	1241651	1314334	1287757	3.11	cps
Thallium	203-1	3368985	3332853	3332076	3344638	0.63	cps
Thallium	205-1	7927211	7889716	7822496	7879808	0.67	cps
Tin	118-1	2499847	2451773	2461353	2470991	1.03	cps
Titanium	47-1	1535305	1505352	1526747	1522468	1.01	cps
Uranium	238-1	11399440	11477238	11404857	11427178	0.38	cps
Vanadium	51-2	178433	177714	177768	177972	0.22	cps
Yttrium	89-1	5280461	5321663	5313321	5305148	0.41	cps
Yttrium	89-2	141659	134509	142434	139534	3.13	cps
Zinc	66-2	81873	83318	82426	82539	0.88	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P8
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:50:28	DataFile Name :	028CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4811326	4806345	4822350	4813340	0.17	cps
Zirconium	91-1	1053160	1060682	1047392	1053744	0.63	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P8
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 15:57:28 DataFile Name : 029CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	0	3	173.21	cps
Antimony	121-1	3926	4743	5376	4682	15.53	cps
Arsenic	75-2	9	13	6	9	39.96	cps
Barium	135-1	92	33	50	58	51.51	cps
Barium	137-1	133	142	100	125	17.63	cps
Beryllium	9-1	211	189	217	206	7.15	cps
Bismuth	209-1	5241275	5177518	5190111	5202968	0.65	cps
Bismuth	209-2	1172428	1184783	1177388	1178200	0.53	cps
Boron	10-1	1392	1308	1267	1322	4.81	cps
Boron	11-1	5943	6652	6152	6249	5.83	cps
Cadmium	111-1	641	817	617	692	15.80	cps
Cadmium	106-1	850	1067	817	911	14.90	cps
Cadmium	108-1	0	13	13	8	86.60	cps
Calcium	43-1	600	542	442	528	15.17	cps
Calcium	44-1	12356	12615	12573	12514	1.11	cps
Chromium	52-2	223	233	207	221	6.09	cps
Cobalt	59-2	47	57	37	47	21.43	cps
Copper	63-2	187	203	263	218	18.52	cps
Dysprosium	156-1	33	0	17	17	99.99	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	25	8	67	33	90.15	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	7087173	7135256	7042800	7088410	0.65	cps
Holmium	165-2	1374072	1385948	1378593	1379537	0.43	cps
Indium	115-1	5332276	5318451	5382600	5344442	0.63	cps
Indium	115-2	209600	210643	208769	209671	0.45	cps
Iron	56-2	2072	1917	1961	1984	4.04	cps
Iron	57-2	44	72	72	63	25.47	cps
Krypton	83-1	310	360	377	349	9.94	cps
Lead	206-1	467	494	528	496	6.17	cps
Lead	207-1	500	422	483	469	8.74	cps
Lead	208-1	2028	1911	1922	1954	3.30	cps
Lithium	6-1	816994	811929	813697	814207	0.32	cps
Magnesium	24-2	425	500	425	450	9.62	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:57:28	DataFile Name :	029CCBE_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	17	27	23	24.74	cps
Molybdenum	94-1	1183	1575	1650	1470	17.05	cps
Molybdenum	95-1	1442	1992	2550	1995	27.79	cps
Molybdenum	96-1	1984	2267	2850	2367	18.67	cps
Molybdenum	97-1	1075	1267	1584	1308	19.62	cps
Molybdenum	98-1	2434	3342	3976	3251	23.85	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	680	777	653	703	9.23	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1675	1550	1825	1684	8.18	cps
Rhodium	103-1	4843269	4803686	4861157	4836038	0.61	cps
Rhodium	103-2	1192442	1202572	1183204	1192739	0.81	cps
Scandium	45-1	2430790	2462237	2433509	2442179	0.71	cps
Scandium	45-2	17835	18038	17568	17814	1.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	0	3	91.69	cps
Selenium	82-1	17	-25	-72	-27	-166.69	cps
Silicon	28-1	282008	285456	283652	283705	0.61	cps
Silver	109-1	317	292	375	328	13.05	cps
Silver	107-1	325	408	367	367	11.36	cps
Sodium	23-2	4109	3926	3934	3990	2.60	cps
Strontium	86-1	667	692	550	636	11.89	cps
Strontium	88-1	442	375	500	439	14.25	cps
Sulfur	34-1	267138	266834	267340	267104	0.10	cps
Terbium	159-1	7265759	7279381	7221337	7255492	0.42	cps
Terbium	159-2	1310555	1324959	1310991	1315501	0.62	cps
Thallium	203-1	583	450	508	514	13.01	cps
Thallium	205-1	1133	1050	1125	1103	4.16	cps
Tin	118-1	1217	1367	1458	1347	9.06	cps
Titanium	47-1	108	183	208	167	31.23	cps
Uranium	238-1	317	317	283	306	6.30	cps
Vanadium	51-2	17	7	7	10	57.72	cps
Yttrium	89-1	5308400	5278981	5266937	5284772	0.40	cps
Yttrium	89-2	144885	145444	144794	145041	0.24	cps
Zinc	66-2	70	73	63	69	7.40	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P8
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 15:57:28	DataFile Name :	029CCBE_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	875	850	950	892	5.84	cps
Zirconium	91-1	175	200	167	181	9.61	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-06 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:00:51 DataFile Name : 030SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25290	23946	25282	24839	3.11	cps
Antimony	121-1	3421840	3452322	3424038	3432733	0.50	cps
Arsenic	75-2	28745	28027	28973	28581	1.73	cps
Barium	135-1	3742992	3726529	3733385	3734302	0.22	cps
Barium	137-1	6453967	6415432	6404027	6424475	0.41	cps
Beryllium	9-1	269683	270236	263820	267913	1.33	cps
Bismuth	209-1	4843155	4890814	4871422	4868464	0.49	cps
Bismuth	209-2	1028892	1031736	1038610	1033079	0.48	cps
Boron	10-1	82437	82739	84306	83160	1.21	cps
Boron	11-1	382100	393772	402299	392723	2.58	cps
Cadmium	111-1	667331	666707	662935	665658	0.36	cps
Cadmium	106-1	68190	68734	69019	68648	0.61	cps
Cadmium	108-1	47174	47224	46861	47086	0.42	cps
Calcium	43-1	4484195	4416674	4494638	4465169	0.95	cps
Calcium	44-1	72626354	72187114	72428845	72414104	0.30	cps
Chromium	52-2	196001	195576	197525	196367	0.52	cps
Cobalt	59-2	441385	440699	441083	441056	0.08	cps
Copper	63-2	782282	778987	782454	781241	0.25	cps
Dysprosium	156-1	192	242	183	206	15.35	cps
Dysprosium	156-2	20	20	43	28	48.49	cps
Erbium	164-1	3292	3176	3467	3312	4.43	cps
Erbium	164-2	557	617	633	602	6.70	cps
Gadolinium	160-1	300	350	458	369	21.91	cps
Gadolinium	160-2	73	80	40	64	33.25	cps
Holmium	165-1	6759407	6728075	6809717	6765733	0.61	cps
Holmium	165-2	1252243	1250144	1266687	1256358	0.72	cps
Indium	115-1	4769145	4800153	4814438	4794579	0.48	cps
Indium	115-2	168991	167053	169339	168461	0.73	cps
Iron	56-2	7831798	7847631	7861078	7846835	0.19	cps
Iron	57-2	195124	196695	197485	196434	0.61	cps
Krypton	83-1	377	357	360	364	2.94	cps
Lead	206-1	2607783	2595111	2649755	2617550	1.09	cps
Lead	207-1	2382777	2396811	2437947	2405845	1.19	cps
Lead	208-1	10686135	10680069	10844472	10736892	0.87	cps
Lithium	6-1	1186807	1185934	1210353	1194365	1.16	cps
Magnesium	24-2	1782974	1771704	1792498	1782392	0.58	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-06 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:00:51 DataFile Name : 030SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	154793	155994	156000	155596	0.45	cps
Molybdenum	94-1	5177558	5217891	5201090	5198846	0.39	cps
Molybdenum	95-1	6315219	6351153	6415071	6360481	0.80	cps
Molybdenum	96-1	7149135	7222470	7213252	7194952	0.56	cps
Molybdenum	97-1	4022155	4020505	4058728	4033796	0.54	cps
Molybdenum	98-1	10343541	10288776	10287839	10306719	0.31	cps
Neodymium	150-1	247	207	273	242	13.85	cps
Neodymium	150-2	17	30	30	26	30.11	cps
Nickel	60-2	131453	132261	131419	131711	0.36	cps
Phosphorus	31-2	8	0	50	19	137.78	cps
Potassium	39-2	242217	240284	243733	242078	0.71	cps
Rhodium	103-1	4206230	4189353	4238043	4211209	0.59	cps
Rhodium	103-2	988927	988785	998031	991914	0.53	cps
Scandium	45-1	2113446	2072193	2099497	2095045	1.00	cps
Scandium	45-2	13827	13427	13450	13568	1.66	cps
Selenium	77-2	157	193	147	166	14.84	cps
Selenium	78-2	641	626	617	628	1.93	cps
Selenium	82-1	39689	40013	39928	39877	0.42	cps
Silicon	28-1	21917345	21788798	21796711	21834285	0.33	cps
Silver	109-1	3239059	3227158	3235405	3233874	0.19	cps
Silver	107-1	3321920	3350068	3332250	3334746	0.43	cps
Sodium	23-2	4875413	4856394	4849061	4860289	0.28	cps
Strontium	86-1	4983219	5059786	5054548	5032518	0.85	cps
Strontium	88-1	43325020	43475693	43187171	43329294	0.33	cps
Sulfur	34-1	4401525	4374176	4357097	4377599	0.51	cps
Terbium	159-1	6917776	6902976	6934847	6918533	0.23	cps
Terbium	159-2	1178821	1178314	1200447	1185861	1.07	cps
Thallium	203-1	3261679	3282952	3276178	3273603	0.33	cps
Thallium	205-1	7680798	7748751	7770813	7733454	0.61	cps
Tin	118-1	2182038	2220232	2221687	2207986	1.02	cps
Titanium	47-1	1321615	1303395	1310936	1311982	0.70	cps
Uranium	238-1	10985815	11123795	11154871	11088160	0.81	cps
Vanadium	51-2	144072	143971	145937	144660	0.77	cps
Yttrium	89-1	4731480	4762289	4734771	4742846	0.36	cps
Yttrium	89-2	117880	116253	119046	117726	1.19	cps
Zinc	66-2	66559	66951	67848	67119	0.99	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-06	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410M9	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:00:51	DataFile Name :	030SMPL_P8041718- M9

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4399334	4364332	4423955	4395873	0.68	cps
Zirconium	91-1	951717	959298	955024	955346	0.40	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-07 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:04:05 DataFile Name : 031SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24347	25507	25357	25070	2.52	cps
Antimony	121-1	3522499	3495940	3506887	3508442	0.38	cps
Arsenic	75-2	28878	28487	28312	28559	1.01	cps
Barium	135-1	3820436	3795656	3816943	3811012	0.35	cps
Barium	137-1	6527674	6606017	6621830	6585174	0.77	cps
Beryllium	9-1	272564	271542	272014	272040	0.19	cps
Bismuth	209-1	4818536	4820211	4836794	4825180	0.21	cps
Bismuth	209-2	1016512	1021634	1023072	1020406	0.34	cps
Boron	10-1	87055	87651	87701	87469	0.41	cps
Boron	11-1	403176	404205	414017	407132	1.47	cps
Cadmium	111-1	677333	675591	678014	676979	0.18	cps
Cadmium	106-1	69504	69806	69211	69507	0.43	cps
Cadmium	108-1	48040	48696	47864	48200	0.91	cps
Calcium	43-1	4545893	4556293	4562718	4554968	0.19	cps
Calcium	44-1	74033952	73787670	74318285	74046636	0.36	cps
Chromium	52-2	198137	196748	195429	196772	0.69	cps
Cobalt	59-2	445355	444199	439107	442887	0.75	cps
Copper	63-2	790207	789124	788750	789361	0.10	cps
Dysprosium	156-1	125	150	217	164	28.91	cps
Dysprosium	156-2	30	17	33	27	33.06	cps
Erbium	164-1	3484	3609	3559	3551	1.77	cps
Erbium	164-2	507	643	630	593	12.70	cps
Gadolinium	160-1	442	475	433	450	4.90	cps
Gadolinium	160-2	63	57	63	61	6.29	cps
Holmium	165-1	6690141	6806333	6747915	6748130	0.86	cps
Holmium	165-2	1250208	1241559	1247513	1246427	0.36	cps
Indium	115-1	4717529	4739182	4752255	4736322	0.37	cps
Indium	115-2	165088	162798	164450	164112	0.72	cps
Iron	56-2	7891873	7944947	7785755	7874192	1.03	cps
Iron	57-2	198910	197124	195091	197042	0.97	cps
Krypton	83-1	427	303	433	388	18.88	cps
Lead	206-1	2664848	2686651	2678284	2676594	0.41	cps
Lead	207-1	2463594	2466685	2491009	2473763	0.61	cps
Lead	208-1	11025535	11027455	11104156	11052382	0.41	cps
Lithium	6-1	1207577	1237921	1215746	1220415	1.29	cps
Magnesium	24-2	1789238	1813109	1797564	1799970	0.67	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-07 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:04:05 DataFile Name : 031SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	157274	156454	155248	156325	0.65	cps
Molybdenum	94-1	5267203	5333709	5328135	5309682	0.69	cps
Molybdenum	95-1	6427508	6514566	6449005	6463693	0.70	cps
Molybdenum	96-1	7299127	7239719	7265926	7268258	0.41	cps
Molybdenum	97-1	4101882	4077272	4092131	4090429	0.30	cps
Molybdenum	98-1	10445495	10542244	10455714	10481151	0.51	cps
Neodymium	150-1	253	300	347	300	15.56	cps
Neodymium	150-2	17	3	10	10	66.70	cps
Nickel	60-2	134195	132752	132984	133310	0.58	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	242736	240105	241300	241381	0.55	cps
Rhodium	103-1	4128088	4157361	4155969	4147139	0.40	cps
Rhodium	103-2	978779	978508	970364	975884	0.49	cps
Scandium	45-1	2053584	2083556	2075151	2070764	0.75	cps
Scandium	45-2	13310	13286	13286	13294	0.10	cps
Selenium	77-2	177	123	173	158	18.93	cps
Selenium	78-2	591	670	585	615	7.74	cps
Selenium	82-1	40659	40732	40213	40534	0.69	cps
Silicon	28-1	22319445	22347006	22265460	22310637	0.19	cps
Silver	109-1	3263579	3277666	3261437	3267560	0.27	cps
Silver	107-1	3388426	3362978	3400579	3383994	0.57	cps
Sodium	23-2	4905506	4908293	4907132	4906977	0.03	cps
Strontium	86-1	5181604	5122679	5151687	5151990	0.57	cps
Strontium	88-1	44472054	44647211	44666670	44595312	0.24	cps
Sulfur	34-1	4429510	4466721	4426136	4440789	0.51	cps
Terbium	159-1	6741623	6893798	6905311	6846911	1.33	cps
Terbium	159-2	1179589	1182632	1183510	1181910	0.17	cps
Thallium	203-1	3373161	3340056	3338293	3350503	0.59	cps
Thallium	205-1	7899520	7909499	7965019	7924679	0.45	cps
Tin	118-1	2295494	2306389	2295182	2299022	0.28	cps
Titanium	47-1	1320538	1335258	1342063	1332619	0.83	cps
Uranium	238-1	11467371	11319963	11389989	11392441	0.65	cps
Vanadium	51-2	146389	146796	144667	145951	0.77	cps
Yttrium	89-1	4672473	4725238	4709483	4702398	0.58	cps
Yttrium	89-2	114599	114129	113907	114212	0.31	cps
Zinc	66-2	68455	67363	66974	67597	1.14	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-07	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410MS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:04:05	DataFile Name :	031SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4467067	4489261	4448245	4468191	0.46	cps
Zirconium	91-1	972035	974388	974082	973502	0.13	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05A	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:07:19	DataFile Name :	032SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23754	22494	22151	22800	3.70	cps
Antimony	121-1	3382768	3376228	3379734	3379577	0.10	cps
Arsenic	75-2	26648	25952	26269	26290	1.32	cps
Barium	135-1	3673596	3729194	3682988	3695259	0.81	cps
Barium	137-1	6403262	6406593	6398142	6402666	0.07	cps
Beryllium	9-1	261332	261518	259533	260794	0.42	cps
Bismuth	209-1	4736013	4727338	4813154	4758835	0.99	cps
Bismuth	209-2	991781	993996	989242	991673	0.24	cps
Boron	10-1	82337	84046	84851	83744	1.53	cps
Boron	11-1	388046	394663	397852	393520	1.27	cps
Cadmium	111-1	650807	653142	652496	652149	0.18	cps
Cadmium	106-1	65954	67678	66758	66797	1.29	cps
Cadmium	108-1	45966	45924	45272	45721	0.85	cps
Calcium	43-1	4374489	4336956	4319809	4343751	0.64	cps
Calcium	44-1	70212299	70455597	70490124	70386007	0.22	cps
Chromium	52-2	185834	184359	183079	184424	0.75	cps
Cobalt	59-2	420145	415121	414120	416462	0.78	cps
Copper	63-2	748042	743444	737603	743030	0.70	cps
Dysprosium	156-1	208	100	167	158	34.51	cps
Dysprosium	156-2	13	20	20	18	21.66	cps
Erbium	164-1	3409	3242	3301	3317	2.55	cps
Erbium	164-2	663	617	660	647	4.03	cps
Gadolinium	160-1	325	458	383	389	17.19	cps
Gadolinium	160-2	77	53	73	68	18.62	cps
Holmium	165-1	6656081	6631777	6680537	6656132	0.37	cps
Holmium	165-2	1205715	1202070	1196068	1201284	0.41	cps
Indium	115-1	4606170	4603626	4628636	4612811	0.30	cps
Indium	115-2	155570	156054	155337	155653	0.24	cps
Iron	56-2	7428058	7423188	7379610	7410285	0.36	cps
Iron	57-2	185105	185376	184223	184902	0.33	cps
Krypton	83-1	383	327	427	379	13.24	cps
Lead	206-1	2610954	2636206	2646760	2631307	0.70	cps
Lead	207-1	2392901	2408472	2433638	2411670	0.85	cps
Lead	208-1	10747718	10814188	10935383	10832430	0.88	cps
Lithium	6-1	1171164	1161599	1153196	1161987	0.77	cps
Magnesium	24-2	1712771	1688695	1667888	1689785	1.33	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05A	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:07:19	DataFile Name :	032SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	147431	146192	146252	146625	0.48	cps
Molybdenum	94-1	5126194	5071464	5089364	5095674	0.55	cps
Molybdenum	95-1	6266778	6252925	6225219	6248307	0.34	cps
Molybdenum	96-1	7006346	7000041	6975599	6993995	0.23	cps
Molybdenum	97-1	3954361	3950212	3963638	3956070	0.17	cps
Molybdenum	98-1	9999955	10113264	10112307	10075175	0.65	cps
Neodymium	150-1	227	340	273	280	20.34	cps
Neodymium	150-2	7	13	27	16	65.47	cps
Nickel	60-2	125267	124817	124430	124838	0.34	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	226958	221959	222016	223644	1.28	cps
Rhodium	103-1	4053530	4059338	4074159	4062342	0.26	cps
Rhodium	103-2	939491	936263	927790	934515	0.65	cps
Scandium	45-1	2014626	2017158	1963495	1998426	1.52	cps
Scandium	45-2	12673	12369	12312	12451	1.56	cps
Selenium	77-2	187	213	137	179	21.76	cps
Selenium	78-2	569	526	567	554	4.35	cps
Selenium	82-1	38727	39075	38766	38856	0.49	cps
Silicon	28-1	21203122	21124847	21143033	21157001	0.19	cps
Silver	109-1	3140914	3164550	3170744	3158736	0.50	cps
Silver	107-1	3280543	3260782	3247740	3263022	0.51	cps
Sodium	23-2	4669480	4582292	4605029	4618934	0.98	cps
Strontium	86-1	4903153	4962548	4891178	4918960	0.78	cps
Strontium	88-1	42546511	42852754	42470698	42623321	0.47	cps
Sulfur	34-1	4255761	4218825	4209640	4228075	0.58	cps
Terbium	159-1	6737298	6762380	6796878	6765519	0.44	cps
Terbium	159-2	1132091	1131777	1133631	1132499	0.09	cps
Thallium	203-1	3258872	3291350	3276747	3275656	0.50	cps
Thallium	205-1	7659830	7700639	7758253	7706240	0.64	cps
Tin	118-1	2200350	2218826	2211800	2210325	0.42	cps
Titanium	47-1	1278895	1262757	1275260	1272304	0.67	cps
Uranium	238-1	11173862	11198372	11311752	11227995	0.66	cps
Vanadium	51-2	138123	135195	134599	135972	1.39	cps
Yttrium	89-1	4518417	4565821	4542584	4542274	0.52	cps
Yttrium	89-2	108114	108863	108490	108489	0.35	cps
Zinc	66-2	62882	62842	63157	62960	0.27	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05A	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:07:19	DataFile Name :	032SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4324700	4327673	4283596	4311989	0.57	cps
Zirconium	91-1	927724	936763	937000	933829	0.57	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-08	Instrumnet Name :	P8
Client Sample ID :	LF012OW009-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:10:33	DataFile Name :	033SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	242	308	247	23.67	cps
Antimony	121-1	10488	11138	12273	11300	7.99	cps
Arsenic	75-2	256	289	307	284	9.25	cps
Barium	135-1	295415	292686	295892	294664	0.59	cps
Barium	137-1	510510	511345	514451	512102	0.41	cps
Beryllium	9-1	428	461	389	426	8.49	cps
Bismuth	209-1	4858345	4825971	4838883	4841066	0.34	cps
Bismuth	209-2	1034059	1024762	1027633	1028818	0.46	cps
Boron	10-1	17178	18221	18621	18006	4.14	cps
Boron	11-1	82990	84507	84440	83979	1.02	cps
Cadmium	111-1	700	780	732	737	5.43	cps
Cadmium	106-1	750	825	767	781	5.05	cps
Cadmium	108-1	42	21	13	25	60.10	cps
Calcium	43-1	1323264	1324854	1333667	1327261	0.42	cps
Calcium	44-1	21094813	21253398	21335824	21228012	0.58	cps
Chromium	52-2	507	483	477	489	3.22	cps
Cobalt	59-2	343	300	300	314	7.96	cps
Copper	63-2	990	973	963	976	1.38	cps
Dysprosium	156-1	300	300	292	297	1.62	cps
Dysprosium	156-2	60	67	67	64	5.98	cps
Erbium	164-1	267	325	183	258	27.56	cps
Erbium	164-2	67	60	43	57	21.21	cps
Gadolinium	160-1	367	325	308	333	9.01	cps
Gadolinium	160-2	87	103	63	84	23.80	cps
Holmium	165-1	6544363	6653484	6615888	6604578	0.84	cps
Holmium	165-2	1213377	1205323	1215106	1211269	0.43	cps
Indium	115-1	4772401	4790401	4791348	4784716	0.22	cps
Indium	115-2	167356	164979	165828	166054	0.73	cps
Iron	56-2	1217916	1209584	1203998	1210499	0.58	cps
Iron	57-2	30979	30835	30712	30842	0.43	cps
Krypton	83-1	360	333	360	351	4.39	cps
Lead	206-1	3150	3134	2906	3063	4.46	cps
Lead	207-1	2606	2539	2667	2604	2.45	cps
Lead	208-1	12036	11969	11830	11945	0.88	cps
Lithium	6-1	1136696	1140937	1132619	1136750	0.37	cps
Magnesium	24-2	189835	188061	186407	188101	0.91	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-08	Instrumnet Name :	P8
Client Sample ID :	LF012OW009-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:10:33	DataFile Name :	033SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31265	29785	30240	30430	2.49	cps
Molybdenum	94-1	4935	4926	5251	5037	3.68	cps
Molybdenum	95-1	6327	6494	7394	6738	8.52	cps
Molybdenum	96-1	6452	7536	7786	7258	9.77	cps
Molybdenum	97-1	3809	4117	4543	4156	8.86	cps
Molybdenum	98-1	9679	11205	11664	10849	9.58	cps
Neodymium	150-1	480	453	473	469	2.96	cps
Neodymium	150-2	30	43	43	39	19.79	cps
Nickel	60-2	1153	1047	1070	1090	5.14	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	43443	43719	43251	43471	0.54	cps
Rhodium	103-1	4170168	4190408	4199863	4186813	0.36	cps
Rhodium	103-2	986472	977364	969599	977812	0.86	cps
Scandium	45-1	2022955	2013808	2032528	2023097	0.46	cps
Scandium	45-2	13010	12779	12502	12764	1.99	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	52	61	5	39	75.39	cps
Silicon	28-1	13486784	13510196	13505307	13500762	0.09	cps
Silver	109-1	883	850	708	814	11.42	cps
Silver	107-1	1083	950	1017	1017	6.56	cps
Sodium	23-2	855009	852231	852529	853256	0.18	cps
Strontium	86-1	954979	954267	961087	956778	0.39	cps
Strontium	88-1	8397198	8411360	8548043	8452200	0.99	cps
Sulfur	34-1	466348	468494	469746	468196	0.37	cps
Terbium	159-1	6717071	6730920	6745817	6731269	0.21	cps
Terbium	159-2	1146106	1143268	1140574	1143316	0.24	cps
Thallium	203-1	1325	1175	1183	1228	6.87	cps
Thallium	205-1	3434	3050	2792	3092	10.44	cps
Tin	118-1	17779	16611	16786	17059	3.69	cps
Titanium	47-1	1383	1217	1425	1342	8.22	cps
Uranium	238-1	29093	28709	29503	29101	1.36	cps
Vanadium	51-2	223	177	240	213	15.39	cps
Yttrium	89-1	4555878	4562700	4600751	4573110	0.53	cps
Yttrium	89-2	112280	110234	110294	110936	1.05	cps
Zinc	66-2	2214	2254	2230	2232	0.90	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-08	Instrumnet Name :	P8
Client Sample ID :	LF012OW009-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:10:33	DataFile Name :	033SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3667	4168	3701	3845	7.27	cps
Zirconium	91-1	992	1067	850	970	11.35	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-09	Instrumnet Name :	P8
Client Sample ID :	LF012RW042-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:13:55	DataFile Name :	034SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	367	317	342	7.32	cps
Antimony	121-1	10913	11514	11739	11389	3.75	cps
Arsenic	75-2	298	311	309	306	2.29	cps
Barium	135-1	182281	184409	184129	183606	0.63	cps
Barium	137-1	318272	319611	318872	318918	0.21	cps
Beryllium	9-1	411	356	328	365	11.63	cps
Bismuth	209-1	4912766	4981905	4998699	4964457	0.92	cps
Bismuth	209-2	1041646	1023984	1037020	1034216	0.89	cps
Boron	10-1	10162	11180	10779	10707	4.79	cps
Boron	11-1	50131	50883	50473	50495	0.75	cps
Cadmium	111-1	653	630	740	674	8.61	cps
Cadmium	106-1	692	708	783	728	6.71	cps
Cadmium	108-1	33	29	13	25	44.09	cps
Calcium	43-1	1334246	1331395	1331174	1332272	0.13	cps
Calcium	44-1	21468197	21209108	21070640	21249315	0.95	cps
Chromium	52-2	450	410	540	467	14.27	cps
Cobalt	59-2	570	633	503	569	11.43	cps
Copper	63-2	2200	2064	2144	2136	3.22	cps
Dysprosium	156-1	317	433	317	356	18.94	cps
Dysprosium	156-2	43	87	40	57	45.95	cps
Erbium	164-1	333	367	342	347	5.00	cps
Erbium	164-2	60	63	30	51	35.92	cps
Gadolinium	160-1	300	358	325	328	8.93	cps
Gadolinium	160-2	77	93	73	81	13.22	cps
Holmium	165-1	6669090	6748614	6775722	6731142	0.82	cps
Holmium	165-2	1231989	1211517	1227199	1223568	0.88	cps
Indium	115-1	4829116	4855568	4862142	4848942	0.36	cps
Indium	115-2	169125	167296	168643	168355	0.56	cps
Iron	56-2	351378	353239	350035	351551	0.46	cps
Iron	57-2	8581	8975	8469	8675	3.06	cps
Krypton	83-1	303	340	363	336	9.01	cps
Lead	206-1	3712	3601	3634	3649	1.56	cps
Lead	207-1	2984	3117	2995	3032	2.44	cps
Lead	208-1	14031	13992	14120	14048	0.47	cps
Lithium	6-1	1101275	1101169	1103385	1101943	0.11	cps
Magnesium	24-2	124667	122122	121651	122813	1.32	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-09	Instrumnet Name :	P8
Client Sample ID :	LF012RW042-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:13:55	DataFile Name :	034SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26883	26562	26709	26718	0.60	cps
Molybdenum	94-1	3326	3534	3534	3464	3.47	cps
Molybdenum	95-1	3817	3984	3967	3923	2.34	cps
Molybdenum	96-1	4143	4434	4843	4473	7.86	cps
Molybdenum	97-1	2525	2942	2792	2753	7.67	cps
Molybdenum	98-1	6435	6994	6910	6780	4.44	cps
Neodymium	150-1	453	533	447	478	10.09	cps
Neodymium	150-2	43	43	77	54	35.36	cps
Nickel	60-2	1027	1043	967	1012	3.98	cps
Phosphorus	31-2	17	17	17	17	0.00	cps
Potassium	39-2	56430	57862	56155	56816	1.61	cps
Rhodium	103-1	4245211	4288220	4239298	4257576	0.63	cps
Rhodium	103-2	994534	981196	990667	988799	0.69	cps
Scandium	45-1	2035094	2007457	2039151	2027234	0.85	cps
Scandium	45-2	13106	12990	13080	13058	0.47	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	114	120	75	103	23.88	cps
Silicon	28-1	10011921	9905130	9949908	9955653	0.54	cps
Silver	109-1	792	733	667	731	8.56	cps
Silver	107-1	875	683	683	747	14.81	cps
Sodium	23-2	1330495	1330915	1326698	1329369	0.17	cps
Strontium	86-1	593805	595601	601818	597075	0.70	cps
Strontium	88-1	5315999	5302993	5279202	5299398	0.35	cps
Sulfur	34-1	486641	484375	479740	483585	0.73	cps
Terbium	159-1	6863062	6878522	6839516	6860367	0.29	cps
Terbium	159-2	1160767	1146205	1161517	1156163	0.75	cps
Thallium	203-1	975	708	833	839	15.90	cps
Thallium	205-1	1975	1900	1609	1828	10.60	cps
Tin	118-1	11706	11889	11772	11789	0.79	cps
Titanium	47-1	1800	1592	2017	1803	11.79	cps
Uranium	238-1	21244	21695	21311	21416	1.14	cps
Vanadium	51-2	387	397	397	393	1.47	cps
Yttrium	89-1	4697090	4710043	4673743	4693625	0.39	cps
Yttrium	89-2	113412	112325	113053	112930	0.49	cps
Zinc	66-2	1257	1173	1313	1248	5.64	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-09	Instrumnet Name :	P8
Client Sample ID :	LF012RW042-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:13:55	DataFile Name :	034SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3160	2542	2434	2712	14.45	cps
Zirconium	91-1	800	442	592	611	29.46	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-10 Instrumnet Name : P8
 Client Sample ID : LF012RW160-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:17:17 DataFile Name : 035SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	8	17	50.01	cps
Antimony	121-1	9996	10947	11072	10671	5.51	cps
Arsenic	75-2	104	89	91	94	8.54	cps
Barium	135-1	325233	322875	324192	324100	0.36	cps
Barium	137-1	563436	569356	566758	566517	0.52	cps
Beryllium	9-1	189	239	239	222	12.99	cps
Bismuth	209-1	4902097	4979509	4997153	4959586	1.02	cps
Bismuth	209-2	1042807	1036640	1046412	1041953	0.47	cps
Boron	10-1	21859	22944	22193	22332	2.49	cps
Boron	11-1	102272	104698	106082	104351	1.85	cps
Cadmium	111-1	3483	3275	3243	3334	3.91	cps
Cadmium	106-1	1142	1033	1100	1092	5.01	cps
Cadmium	108-1	238	158	158	185	24.74	cps
Calcium	43-1	1739170	1741807	1755750	1745576	0.51	cps
Calcium	44-1	27959319	28376000	28116552	28150624	0.75	cps
Chromium	52-2	410	553	487	483	14.84	cps
Cobalt	59-2	473	527	493	498	5.41	cps
Copper	63-2	1730	1620	1667	1672	3.30	cps
Dysprosium	156-1	42	50	42	44	10.82	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	17	50	50	39	49.48	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	42	42	58	47	20.38	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	6755642	6834795	6871998	6820812	0.87	cps
Holmium	165-2	1231016	1225028	1238590	1231545	0.55	cps
Indium	115-1	4863556	4897548	4910271	4890458	0.49	cps
Indium	115-2	169668	169368	167797	168945	0.59	cps
Iron	56-2	292404	291729	291692	291942	0.14	cps
Iron	57-2	7519	7536	7252	7436	2.14	cps
Krypton	83-1	347	323	333	334	3.50	cps
Lead	206-1	6263	6880	6407	6517	4.95	cps
Lead	207-1	5329	5629	5540	5500	2.80	cps
Lead	208-1	25422	25633	25555	25537	0.42	cps
Lithium	6-1	1090695	1075550	1090358	1085534	0.80	cps
Magnesium	24-2	263904	263332	259748	262328	0.86	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-10 Instrumnet Name : P8
 Client Sample ID : LF012RW160-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:17:17 DataFile Name : 035SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	55376	53997	54084	54486	1.42	cps
Molybdenum	94-1	2809	2742	3292	2948	10.19	cps
Molybdenum	95-1	4059	4026	4534	4206	6.76	cps
Molybdenum	96-1	4601	4134	5093	4609	10.40	cps
Molybdenum	97-1	2542	2517	2859	2639	7.22	cps
Molybdenum	98-1	6469	6785	7302	6852	6.14	cps
Neodymium	150-1	40	40	33	38	10.19	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1053	1130	1093	1092	3.51	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	45701	45190	43803	44898	2.19	cps
Rhodium	103-1	4214716	4306161	4293153	4271343	1.16	cps
Rhodium	103-2	996715	995029	990660	994135	0.31	cps
Scandium	45-1	2062952	2089106	2060923	2070994	0.76	cps
Scandium	45-2	13587	13573	12953	13371	2.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	2	2	114.63	cps
Selenium	82-1	68	80	58	69	16.25	cps
Silicon	28-1	14819907	14728213	14803314	14783812	0.33	cps
Silver	109-1	775	675	525	658	19.11	cps
Silver	107-1	725	742	575	681	13.49	cps
Sodium	23-2	1468415	1494112	1491826	1484785	0.96	cps
Strontium	86-1	1291374	1296510	1301450	1296445	0.39	cps
Strontium	88-1	11369003	11276092	11298325	11314474	0.43	cps
Sulfur	34-1	550209	548807	549337	549451	0.13	cps
Terbium	159-1	6878608	7058892	6975669	6971056	1.29	cps
Terbium	159-2	1178890	1168786	1167754	1171810	0.53	cps
Thallium	203-1	508	542	608	553	9.21	cps
Thallium	205-1	1358	1458	1517	1445	5.54	cps
Tin	118-1	10454	10813	11205	10824	3.47	cps
Titanium	47-1	934	633	583	717	26.45	cps
Uranium	238-1	17162	16428	17304	16965	2.77	cps
Vanadium	51-2	150	90	103	114	27.53	cps
Yttrium	89-1	4678984	4698500	4719456	4698980	0.43	cps
Yttrium	89-2	113544	113550	113631	113575	0.04	cps
Zinc	66-2	1290	1260	1313	1288	2.08	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-10	Instrumnet Name :	P8
Client Sample ID :	LF012RW160-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:17:17	DataFile Name :	035SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1592	1450	1725	1589	8.66	cps
Zirconium	91-1	442	358	300	367	19.42	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-11	Instrumnet Name :	P8
Client Sample ID :	LF012RW043-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:20:40	DataFile Name :	036SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	150	100	131	20.52	cps
Antimony	121-1	13140	12782	13816	13246	3.97	cps
Arsenic	75-2	269	320	263	284	11.15	cps
Barium	135-1	229591	230819	234560	231657	1.12	cps
Barium	137-1	401776	402659	405814	403416	0.53	cps
Beryllium	9-1	161	200	250	204	21.87	cps
Bismuth	209-1	5002110	5009286	4953071	4988156	0.61	cps
Bismuth	209-2	1038484	1040293	1035219	1037999	0.25	cps
Boron	10-1	26350	25991	25908	26083	0.90	cps
Boron	11-1	123486	127176	127377	126013	1.74	cps
Cadmium	111-1	1034	970	920	975	5.87	cps
Cadmium	106-1	917	892	742	850	11.14	cps
Cadmium	108-1	29	42	29	33	21.65	cps
Calcium	43-1	2073155	2094998	2076351	2081502	0.57	cps
Calcium	44-1	33401332	33233857	33185238	33273476	0.34	cps
Chromium	52-2	753	727	797	759	4.66	cps
Cobalt	59-2	713	730	800	748	6.15	cps
Copper	63-2	2377	2184	2170	2244	5.16	cps
Dysprosium	156-1	392	275	317	328	18.04	cps
Dysprosium	156-2	63	47	53	54	15.40	cps
Erbium	164-1	383	275	342	333	16.40	cps
Erbium	164-2	53	40	47	47	14.28	cps
Gadolinium	160-1	358	358	400	372	6.46	cps
Gadolinium	160-2	73	70	63	69	7.39	cps
Holmium	165-1	6767515	6810131	6813340	6796995	0.38	cps
Holmium	165-2	1229954	1239149	1245527	1238210	0.63	cps
Indium	115-1	4919874	4899154	4871370	4896799	0.50	cps
Indium	115-2	165838	166905	168849	167197	0.91	cps
Iron	56-2	1410877	1384103	1389523	1394834	1.01	cps
Iron	57-2	35602	34387	35279	35089	1.79	cps
Krypton	83-1	367	327	367	353	6.54	cps
Lead	206-1	16617	17307	17095	17006	2.08	cps
Lead	207-1	14614	15143	14442	14733	2.48	cps
Lead	208-1	67411	69131	67411	67984	1.46	cps
Lithium	6-1	1039928	1043186	1044224	1042446	0.22	cps
Magnesium	24-2	341940	340311	340708	340986	0.25	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-11	Instrumnet Name :	P8
Client Sample ID :	LF012RW043-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:20:40	DataFile Name :	036SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17001	16941	16577	16839	1.36	cps
Molybdenum	94-1	4868	5068	5260	5065	3.87	cps
Molybdenum	95-1	7194	7386	7978	7519	5.43	cps
Molybdenum	96-1	8495	8320	8636	8484	1.87	cps
Molybdenum	97-1	4434	4434	4518	4462	1.08	cps
Molybdenum	98-1	12356	12615	11948	12306	2.73	cps
Neodymium	150-1	367	367	500	411	18.73	cps
Neodymium	150-2	53	83	43	60	34.70	cps
Nickel	60-2	1550	1610	1510	1557	3.23	cps
Phosphorus	31-2	25	8	17	17	50.01	cps
Potassium	39-2	60464	60347	59627	60146	0.75	cps
Rhodium	103-1	4308554	4261719	4268139	4279470	0.59	cps
Rhodium	103-2	990609	988540	986777	988642	0.19	cps
Scandium	45-1	2069704	2048290	2039561	2052518	0.76	cps
Scandium	45-2	13300	13056	13160	13172	0.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	62	88	9	53	76.63	cps
Silicon	28-1	15604856	15606773	15502876	15571502	0.38	cps
Silver	109-1	717	600	508	608	17.17	cps
Silver	107-1	683	692	650	675	3.27	cps
Sodium	23-2	1682815	1640792	1634464	1652690	1.59	cps
Strontium	86-1	1595407	1611881	1619131	1608806	0.76	cps
Strontium	88-1	13817144	13812390	13763622	13797719	0.21	cps
Sulfur	34-1	843319	843064	842846	843076	0.03	cps
Terbium	159-1	6927885	6913809	6974718	6938804	0.46	cps
Terbium	159-2	1168258	1166338	1168318	1167638	0.10	cps
Thallium	203-1	508	542	458	503	8.34	cps
Thallium	205-1	1400	1342	1217	1320	7.10	cps
Tin	118-1	9279	9304	9004	9195	1.81	cps
Titanium	47-1	950	992	975	972	2.16	cps
Uranium	238-1	136601	136736	136609	136649	0.06	cps
Vanadium	51-2	827	747	720	764	7.26	cps
Yttrium	89-1	4684886	4721517	4692198	4699534	0.41	cps
Yttrium	89-2	112680	113003	112935	112873	0.15	cps
Zinc	66-2	4934	4808	4668	4803	2.78	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-11	Instrumnet Name :	P8
Client Sample ID :	LF012RW043-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:20:40	DataFile Name :	036SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2409	2325	2200	2311	4.54	cps
Zirconium	91-1	517	467	575	519	10.44	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-12 Instrumnet Name : P8
 Client Sample ID : LF012RW161-180411 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:24:01 DataFile Name : 037SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	8	22	57.30	cps
Antimony	121-1	8678	9545	10146	9457	7.80	cps
Arsenic	75-2	257	230	269	252	7.95	cps
Barium	135-1	247865	248587	248387	248280	0.15	cps
Barium	137-1	433060	435825	435331	434739	0.34	cps
Beryllium	9-1	228	189	178	198	13.25	cps
Bismuth	209-1	4928853	4929313	4732520	4863562	2.33	cps
Bismuth	209-2	1034596	1030936	1035326	1033619	0.23	cps
Boron	10-1	23695	25139	24405	24413	2.96	cps
Boron	11-1	111859	115017	116327	114401	2.01	cps
Cadmium	111-1	941	1032	1018	997	4.90	cps
Cadmium	106-1	792	850	817	820	3.57	cps
Cadmium	108-1	25	25	42	31	31.50	cps
Calcium	43-1	1843614	1803565	1816481	1821220	1.12	cps
Calcium	44-1	28834784	28989521	28910961	28911756	0.27	cps
Chromium	52-2	320	307	367	331	9.51	cps
Cobalt	59-2	330	293	323	316	6.19	cps
Copper	63-2	3234	2877	3097	3069	5.86	cps
Dysprosium	156-1	50	17	25	31	56.77	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	67	50	53	24.12	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	58	58	42	53	18.23	cps
Gadolinium	160-2	20	3	0	8	137.80	cps
Holmium	165-1	6786941	6756537	6485006	6676161	2.49	cps
Holmium	165-2	1221984	1219012	1218014	1219670	0.17	cps
Indium	115-1	4787723	4810963	4609708	4736131	2.32	cps
Indium	115-2	165112	166458	163672	165081	0.84	cps
Iron	56-2	822614	825856	821131	823201	0.29	cps
Iron	57-2	20649	20621	20209	20493	1.20	cps
Krypton	83-1	290	303	343	312	8.89	cps
Lead	206-1	6157	6191	6324	6224	1.42	cps
Lead	207-1	5157	5696	5657	5503	5.46	cps
Lead	208-1	24899	25461	24854	25072	1.35	cps
Lithium	6-1	1040283	1040465	1025834	1035527	0.81	cps
Magnesium	24-2	277462	270033	270723	272739	1.50	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-12 Instrumnet Name : P8
 Client Sample ID : LF012RW161-180411 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:24:01 DataFile Name : 037SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34469	33921	33540	33977	1.37	cps
Molybdenum	94-1	2459	2534	2392	2461	2.88	cps
Molybdenum	95-1	3209	3417	3242	3289	3.40	cps
Molybdenum	96-1	3492	4401	3609	3834	12.89	cps
Molybdenum	97-1	2334	2034	2442	2270	9.32	cps
Molybdenum	98-1	5251	5435	5510	5399	2.46	cps
Neodymium	150-1	33	40	33	36	10.82	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	977	1153	1007	1046	9.04	cps
Phosphorus	31-2	33	8	17	19	65.47	cps
Potassium	39-2	45157	45726	44103	44995	1.83	cps
Rhodium	103-1	4237938	4217330	4068477	4174582	2.21	cps
Rhodium	103-2	981937	981390	971390	978239	0.61	cps
Scandium	45-1	2024796	2037446	1946906	2003050	2.45	cps
Scandium	45-2	12923	13163	12509	12865	2.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	4	3	91.69	cps
Selenium	82-1	117	126	30	91	58.74	cps
Silicon	28-1	16770611	16830031	16685094	16761912	0.43	cps
Silver	109-1	675	417	650	581	24.54	cps
Silver	107-1	658	550	400	536	24.20	cps
Sodium	23-2	1560929	1536180	1526038	1541049	1.16	cps
Strontium	86-1	1335435	1337267	1335172	1335958	0.09	cps
Strontium	88-1	11694313	11683578	11864485	11747458	0.86	cps
Sulfur	34-1	567877	570843	564073	567598	0.60	cps
Terbium	159-1	6864457	6890760	6678833	6811350	1.70	cps
Terbium	159-2	1154993	1154878	1149632	1153168	0.27	cps
Thallium	203-1	425	325	408	386	13.88	cps
Thallium	205-1	942	900	808	883	7.72	cps
Tin	118-1	7769	8044	8486	8100	4.47	cps
Titanium	47-1	600	500	450	517	14.78	cps
Uranium	238-1	24492	25360	25118	24990	1.79	cps
Vanadium	51-2	90	43	97	77	37.91	cps
Yttrium	89-1	4608844	4615656	4482637	4569045	1.64	cps
Yttrium	89-2	112710	111178	108433	110774	1.96	cps
Zinc	66-2	3944	3761	3914	3873	2.54	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-12	Instrumnet Name :	P8
Client Sample ID :	LF012RW161-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:24:01	DataFile Name :	037SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1158	1342	1258	1253	7.33	cps
Zirconium	91-1	292	383	325	333	13.92	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-13	Instrumnet Name :	P8
Client Sample ID :	LF012RW162-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:27:23	DataFile Name :	038SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	25	17	50.01	cps
Antimony	121-1	8603	8536	9337	8826	5.03	cps
Arsenic	75-2	319	324	306	316	3.01	cps
Barium	135-1	227258	230780	225522	227853	1.18	cps
Barium	137-1	397492	399700	395992	397728	0.47	cps
Beryllium	9-1	167	183	167	172	5.59	cps
Bismuth	209-1	4924545	4886010	4945046	4918534	0.61	cps
Bismuth	209-2	1022010	1017279	1012355	1017215	0.47	cps
Boron	10-1	25340	26359	27060	26253	3.29	cps
Boron	11-1	121040	122881	125486	123136	1.81	cps
Cadmium	111-1	618	662	649	643	3.57	cps
Cadmium	106-1	750	783	708	747	5.03	cps
Cadmium	108-1	17	4	25	15	68.61	cps
Calcium	43-1	1843344	1865081	1882222	1863549	1.05	cps
Calcium	44-1	30124281	30213633	30225213	30187709	0.18	cps
Chromium	52-2	463	513	497	491	5.18	cps
Cobalt	59-2	430	430	513	458	10.51	cps
Copper	63-2	2800	2587	2774	2720	4.27	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	33	50	25	36	35.25	cps
Gadolinium	160-2	0	0	20	7	173.21	cps
Holmium	165-1	6755631	6788872	6787028	6777177	0.28	cps
Holmium	165-2	1211739	1204103	1198527	1204790	0.55	cps
Indium	115-1	4714572	4773547	4735658	4741259	0.63	cps
Indium	115-2	162280	159872	160429	160860	0.78	cps
Iron	56-2	902587	890261	893977	895608	0.71	cps
Iron	57-2	22084	22819	21896	22266	2.19	cps
Krypton	83-1	313	390	360	354	10.90	cps
Lead	206-1	2939	3112	3173	3075	3.94	cps
Lead	207-1	2434	2511	2617	2521	3.65	cps
Lead	208-1	11263	11602	12136	11667	3.77	cps
Lithium	6-1	1014640	1006768	997533	1006314	0.85	cps
Magnesium	24-2	301083	299104	299932	300040	0.33	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-13	Instrumnet Name :	P8
Client Sample ID :	LF012RW162-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:27:23	DataFile Name :	038SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	42411	41224	41348	41661	1.57	cps
Molybdenum	94-1	1775	1742	2109	1875	10.81	cps
Molybdenum	95-1	2192	2425	2792	2470	12.25	cps
Molybdenum	96-1	2742	2609	2825	2725	4.01	cps
Molybdenum	97-1	1533	1684	1592	1603	4.72	cps
Molybdenum	98-1	3767	3984	3759	3837	3.33	cps
Neodymium	150-1	53	40	27	40	33.33	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1180	1100	1180	1153	4.00	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	53344	51495	52525	52454	1.77	cps
Rhodium	103-1	4161272	4159068	4141443	4153928	0.26	cps
Rhodium	103-2	958997	951955	957987	956313	0.40	cps
Scandium	45-1	1980613	2002819	1976137	1986523	0.72	cps
Scandium	45-2	12703	12596	11955	12418	3.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	130	8	93	77	81.70	cps
Silicon	28-1	18657196	18784227	18668938	18703454	0.38	cps
Silver	109-1	508	667	533	569	14.95	cps
Silver	107-1	567	642	558	589	7.79	cps
Sodium	23-2	1701044	1715879	1725556	1714160	0.72	cps
Strontium	86-1	1553657	1514294	1548279	1538743	1.39	cps
Strontium	88-1	13010706	12970522	13004293	12995174	0.17	cps
Sulfur	34-1	618572	622273	620793	620546	0.30	cps
Terbium	159-1	6826262	6875700	6920403	6874122	0.69	cps
Terbium	159-2	1147092	1136360	1133956	1139136	0.61	cps
Thallium	203-1	217	242	233	231	5.52	cps
Thallium	205-1	800	775	700	758	6.86	cps
Tin	118-1	7653	7903	7511	7689	2.58	cps
Titanium	47-1	633	525	558	572	9.70	cps
Uranium	238-1	24433	24475	24216	24375	0.57	cps
Vanadium	51-2	80	67	77	74	9.32	cps
Yttrium	89-1	4589038	4568112	4604743	4587297	0.40	cps
Yttrium	89-2	108392	107421	106730	107514	0.78	cps
Zinc	66-2	4341	4601	4024	4322	6.68	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-13	Instrumnet Name :	P8
Client Sample ID :	LF012RW162-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:27:23	DataFile Name :	038SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1217	1167	1408	1264	10.09	cps
Zirconium	91-1	358	225	267	283	24.08	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-14	Instrumnet Name :	P8
Client Sample ID :	LF012RW163-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:30:45	DataFile Name :	039SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	33	19	65.48	cps
Antimony	121-1	9179	9003	9654	9279	3.63	cps
Arsenic	75-2	300	311	350	320	8.19	cps
Barium	135-1	204237	201689	203404	203110	0.64	cps
Barium	137-1	354995	354423	351673	353697	0.50	cps
Beryllium	9-1	206	206	167	193	11.66	cps
Bismuth	209-1	4779529	4846295	4902580	4842801	1.27	cps
Bismuth	209-2	1011511	997880	1005692	1005028	0.68	cps
Boron	10-1	26901	26984	26659	26848	0.63	cps
Boron	11-1	124326	127478	127133	126312	1.37	cps
Cadmium	111-1	561	490	617	556	11.45	cps
Cadmium	106-1	725	642	833	733	13.11	cps
Cadmium	108-1	13	25	29	22	39.04	cps
Calcium	43-1	1912727	1896046	1895038	1901270	0.52	cps
Calcium	44-1	30459531	30423332	30389216	30424026	0.12	cps
Chromium	52-2	1450	1570	1573	1531	4.59	cps
Cobalt	59-2	423	413	433	423	2.36	cps
Copper	63-2	830	627	757	738	13.96	cps
Dysprosium	156-1	17	8	42	22	78.07	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	0	67	50	39	89.22	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	6635652	6671534	6637550	6648245	0.30	cps
Holmium	165-2	1196092	1181535	1176110	1184579	0.87	cps
Indium	115-1	4686831	4709293	4713417	4703180	0.30	cps
Indium	115-2	160191	157688	157625	158501	0.92	cps
Iron	56-2	699563	689528	688525	692539	0.88	cps
Iron	57-2	17628	17812	17478	17639	0.95	cps
Krypton	83-1	293	360	377	343	12.84	cps
Lead	206-1	1395	1545	1533	1491	5.61	cps
Lead	207-1	1317	1361	1295	1324	2.56	cps
Lead	208-1	6095	6145	6212	6151	0.95	cps
Lithium	6-1	1002855	997582	981379	993939	1.13	cps
Magnesium	24-2	308257	306045	302027	305443	1.03	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-14	Instrumnet Name :	P8
Client Sample ID :	LF012RW163-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:30:45	DataFile Name :	039SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37644	36849	36839	37111	1.25	cps
Molybdenum	94-1	1375	1559	1592	1508	7.74	cps
Molybdenum	95-1	1984	1900	2034	1972	3.42	cps
Molybdenum	96-1	2309	2209	2275	2264	2.25	cps
Molybdenum	97-1	1358	1217	1425	1333	7.98	cps
Molybdenum	98-1	3267	3326	3251	3281	1.20	cps
Neodymium	150-1	73	47	53	58	24.02	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1230	1190	1083	1168	6.49	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	50282	51110	50107	50500	1.06	cps
Rhodium	103-1	4028062	4064735	4103727	4065508	0.93	cps
Rhodium	103-2	946790	936526	944332	942549	0.57	cps
Scandium	45-1	1963410	1939183	1941434	1948009	0.69	cps
Scandium	45-2	12336	12369	11858	12188	2.34	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	113	78	46	79	42.66	cps
Silicon	28-1	19235656	19351016	19161218	19249296	0.50	cps
Silver	109-1	483	550	517	517	6.45	cps
Silver	107-1	483	517	533	511	4.98	cps
Sodium	23-2	1825791	1808324	1787478	1807197	1.06	cps
Strontium	86-1	1616643	1618550	1625900	1620364	0.30	cps
Strontium	88-1	13711528	13899230	13879912	13830223	0.75	cps
Sulfur	34-1	688231	688989	679647	685622	0.76	cps
Terbium	159-1	6720617	6739493	6798305	6752805	0.60	cps
Terbium	159-2	1120379	1116701	1122803	1119961	0.27	cps
Thallium	203-1	308	267	342	306	12.30	cps
Thallium	205-1	875	683	858	806	13.18	cps
Tin	118-1	7069	7669	7494	7411	4.17	cps
Titanium	47-1	542	417	525	494	13.73	cps
Uranium	238-1	44497	44037	44238	44257	0.52	cps
Vanadium	51-2	143	123	140	136	7.90	cps
Yttrium	89-1	4521608	4517427	4494560	4511198	0.32	cps
Yttrium	89-2	106743	105336	103979	105353	1.31	cps
Zinc	66-2	703	723	653	693	5.20	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-14	Instrumnet Name :	P8
Client Sample ID :	LF012RW163-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:30:45	DataFile Name :	039SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	933	942	917	931	1.37	cps
Zirconium	91-1	225	217	350	264	28.31	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:50:16	DataFile Name :	042CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167442	167426	164020	166296	1.19	cps
Antimony	121-1	3599730	3612361	3580023	3597372	0.45	cps
Arsenic	75-2	33567	33491	33062	33373	0.82	cps
Barium	135-1	3858895	3889713	3890218	3879609	0.46	cps
Barium	137-1	6694826	6718238	6707480	6706848	0.17	cps
Beryllium	9-1	339626	339516	341033	340058	0.25	cps
Bismuth	209-1	4851582	4836027	4823811	4837140	0.29	cps
Bismuth	209-2	1080313	1084431	1075107	1079950	0.43	cps
Boron	10-1	39371	40508	42589	40823	4.00	cps
Boron	11-1	183054	189892	191463	188136	2.38	cps
Cadmium	111-1	768254	765574	769008	767612	0.24	cps
Cadmium	106-1	79653	79317	76634	78535	2.11	cps
Cadmium	108-1	54447	54857	54840	54715	0.42	cps
Calcium	43-1	3051286	3064898	3090768	3068984	0.65	cps
Calcium	44-1	49266343	49080500	49293334	49213392	0.24	cps
Chromium	52-2	239678	239866	241355	240300	0.38	cps
Cobalt	59-2	523037	523871	527219	524709	0.42	cps
Copper	63-2	893179	888711	889166	890352	0.28	cps
Dysprosium	156-1	42	83	100	75	40.06	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	58	17	8	28	96.44	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	92	42	83	72	37.09	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	6948488	6932882	6939081	6940151	0.11	cps
Holmium	165-2	1338566	1341559	1332744	1337623	0.34	cps
Indium	115-1	5033244	5044350	4995090	5024228	0.51	cps
Indium	115-2	194506	194795	193231	194178	0.43	cps
Iron	56-2	39493586	39343626	39259355	39365522	0.30	cps
Iron	57-2	984523	984271	982991	983928	0.08	cps
Krypton	83-1	363	320	350	344	6.44	cps
Lead	206-1	2655347	2595042	2629447	2626612	1.15	cps
Lead	207-1	2419423	2418980	2426647	2421684	0.18	cps
Lead	208-1	10821497	10769009	10851941	10814149	0.39	cps
Lithium	6-1	753627	756302	760794	756908	0.48	cps
Magnesium	24-2	4006902	3991664	4000500	3999689	0.19	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:50:16	DataFile Name :	042CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	135742	134200	133789	134577	0.76	cps
Molybdenum	94-1	5616523	5588859	5641390	5615591	0.47	cps
Molybdenum	95-1	6859642	6834392	6887616	6860550	0.39	cps
Molybdenum	96-1	7717000	7620989	7674322	7670770	0.63	cps
Molybdenum	97-1	4301942	4317147	4284851	4301313	0.38	cps
Molybdenum	98-1	11063426	10965041	11025839	11018102	0.45	cps
Neodymium	150-1	220	207	167	198	14.04	cps
Neodymium	150-2	20	10	7	12	56.76	cps
Nickel	60-2	151965	154452	154691	153702	0.98	cps
Phosphorus	31-2	2509	2359	2267	2378	5.13	cps
Potassium	39-2	1086450	1089632	1088323	1088135	0.15	cps
Rhodium	103-1	4510355	4471142	4454677	4478725	0.64	cps
Rhodium	103-2	1093988	1096607	1100193	1096930	0.28	cps
Scandium	45-1	2462536	2479039	2432214	2457929	0.97	cps
Scandium	45-2	17244	17865	18235	17781	2.82	cps
Selenium	77-2	223	167	190	193	14.73	cps
Selenium	78-2	713	785	767	755	4.97	cps
Selenium	82-1	42928	43132	42980	43013	0.25	cps
Silicon	28-1	1412234	1439069	1447944	1433082	1.30	cps
Silver	109-1	3383538	3414472	3348498	3382170	0.98	cps
Silver	107-1	3482037	3484353	3468896	3478429	0.24	cps
Sodium	23-2	8978889	9091846	8994568	9021768	0.68	cps
Strontium	86-1	884707	889201	893813	889240	0.51	cps
Strontium	88-1	7740941	7855753	7826294	7807663	0.76	cps
Sulfur	34-1	436752	441478	444453	440894	0.88	cps
Terbium	159-1	7116622	7057638	7108201	7094154	0.45	cps
Terbium	159-2	1263386	1274945	1271083	1269805	0.46	cps
Thallium	203-1	3227566	3179695	3227090	3211450	0.86	cps
Thallium	205-1	7545997	7536019	7550347	7544121	0.10	cps
Tin	118-1	2402707	2391372	2427824	2407301	0.77	cps
Titanium	47-1	1523804	1532218	1526605	1527542	0.28	cps
Uranium	238-1	10933551	10793533	10871410	10866165	0.65	cps
Vanadium	51-2	180044	178943	178473	179153	0.45	cps
Yttrium	89-1	5151663	5194096	5219323	5188361	0.66	cps
Yttrium	89-2	141595	140881	142427	141634	0.55	cps
Zinc	66-2	82704	82819	82504	82676	0.19	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P8
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:50:16	DataFile Name :	042CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4748252	4714546	4747667	4736822	0.41	cps
Zirconium	91-1	1030447	1026446	1034457	1030450	0.39	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:56:43	DataFile Name :	043CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	8	14	69.31	cps
Antimony	121-1	5985	6877	8436	7099	17.48	cps
Arsenic	75-2	28	7	7	14	82.82	cps
Barium	135-1	67	42	58	56	22.91	cps
Barium	137-1	75	25	25	42	69.28	cps
Beryllium	9-1	406	394	311	370	13.94	cps
Bismuth	209-1	5157678	5197004	5175547	5176743	0.38	cps
Bismuth	209-2	1150059	1146893	1150643	1149198	0.18	cps
Boron	10-1	1292	1267	1142	1233	6.52	cps
Boron	11-1	6535	6177	5910	6207	5.05	cps
Cadmium	111-1	791	573	653	672	16.43	cps
Cadmium	106-1	1025	717	800	847	18.83	cps
Cadmium	108-1	8	0	4	4	99.96	cps
Calcium	43-1	533	558	525	539	3.22	cps
Calcium	44-1	10821	10680	10763	10755	0.66	cps
Chromium	52-2	173	173	223	190	15.19	cps
Cobalt	59-2	47	40	23	37	32.79	cps
Copper	63-2	220	187	173	193	12.43	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	8	8	17	86.62	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	17	58	50	42	52.91	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	7074459	6986717	7022272	7027816	0.63	cps
Holmium	165-2	1347385	1337996	1337828	1341069	0.41	cps
Indium	115-1	5309543	5274614	5275922	5286693	0.37	cps
Indium	115-2	203361	202039	202464	202621	0.33	cps
Iron	56-2	2400	2600	2384	2461	4.90	cps
Iron	57-2	56	22	50	43	41.93	cps
Krypton	83-1	377	370	367	371	1.37	cps
Lead	206-1	428	411	406	415	2.79	cps
Lead	207-1	400	394	356	383	6.32	cps
Lead	208-1	1783	1839	1711	1778	3.60	cps
Lithium	6-1	783319	790866	791565	788583	0.58	cps
Magnesium	24-2	408	392	392	397	2.42	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : CCB23 Instrumnet Name : P8
 Client Sample ID : CCB23 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 16:56:43 DataFile Name : 043CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	27	40	30	29.40	cps
Molybdenum	94-1	1542	1834	2009	1795	13.14	cps
Molybdenum	95-1	1817	2284	3025	2375	25.66	cps
Molybdenum	96-1	2275	2717	3276	2756	18.19	cps
Molybdenum	97-1	1142	1542	2117	1600	30.63	cps
Molybdenum	98-1	3209	3817	5051	4026	23.32	cps
Neodymium	150-1	27	7	0	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	523	440	513	492	9.24	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	1567	1400	1383	1450	6.99	cps
Rhodium	103-1	4738742	4840180	4764347	4781090	1.10	cps
Rhodium	103-2	1166896	1162880	1163207	1164328	0.19	cps
Scandium	45-1	2428880	2400442	2437669	2422331	0.80	cps
Scandium	45-2	17197	17091	17274	17187	0.54	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-6	-19	0	-9	-115.41	cps
Silicon	28-1	275532	275842	273068	274814	0.55	cps
Silver	109-1	208	200	242	217	10.18	cps
Silver	107-1	267	292	258	272	6.37	cps
Sodium	23-2	4876	4493	4184	4518	7.67	cps
Strontium	86-1	633	625	475	578	15.42	cps
Strontium	88-1	267	267	200	244	15.75	cps
Sulfur	34-1	265858	265559	265362	265593	0.09	cps
Terbium	159-1	7259586	7142093	7191802	7197827	0.82	cps
Terbium	159-2	1275762	1271578	1269046	1272129	0.27	cps
Thallium	203-1	925	700	892	839	14.48	cps
Thallium	205-1	1925	1867	1609	1800	9.36	cps
Tin	118-1	1500	1342	1825	1556	15.84	cps
Titanium	47-1	133	158	167	153	11.36	cps
Uranium	238-1	150	117	133	133	12.50	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	5200498	5148592	5176921	5175337	0.50	cps
Yttrium	89-2	142046	141471	139891	141136	0.79	cps
Zinc	66-2	67	53	67	62	12.38	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P8
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 16:56:43	DataFile Name :	043CCBE_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	750	808	875	811	7.71	cps
Zirconium	91-1	233	133	100	156	44.61	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-15	Instrumnet Name :	P8
Client Sample ID :	LF014MW086-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:00:07	DataFile Name :	044SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	50	28	69.27	cps
Antimony	121-1	23380	27137	31864	27460	15.48	cps
Arsenic	75-2	89	74	72	78	11.65	cps
Barium	135-1	35098	33920	33903	34307	2.00	cps
Barium	137-1	59434	59752	59007	59398	0.63	cps
Beryllium	9-1	300	356	378	344	11.63	cps
Bismuth	209-1	4731162	4718817	4698068	4716016	0.35	cps
Bismuth	209-2	1005478	999401	1003610	1002830	0.31	cps
Boron	10-1	263402	271071	273883	269452	2.01	cps
Boron	11-1	1224754	1241691	1260138	1242194	1.42	cps
Cadmium	111-1	814	672	742	743	9.54	cps
Cadmium	106-1	750	700	800	750	6.67	cps
Cadmium	108-1	46	38	38	40	11.94	cps
Calcium	43-1	4558548	4539918	4514548	4537671	0.49	cps
Calcium	44-1	73558762	73125229	73239037	73307676	0.31	cps
Chromium	52-2	1627	1660	1403	1563	8.93	cps
Cobalt	59-2	93	110	130	111	16.52	cps
Copper	63-2	1440	1330	1467	1412	5.13	cps
Dysprosium	156-1	442	358	467	422	13.43	cps
Dysprosium	156-2	83	83	117	94	20.37	cps
Erbium	164-1	625	417	425	489	24.13	cps
Erbium	164-2	90	67	117	91	27.46	cps
Gadolinium	160-1	417	592	500	503	17.41	cps
Gadolinium	160-2	123	90	120	111	16.52	cps
Holmium	165-1	6555472	6550987	6653156	6586539	0.88	cps
Holmium	165-2	1237103	1226442	1245020	1236188	0.75	cps
Indium	115-1	4685276	4661143	4741717	4696045	0.88	cps
Indium	115-2	169234	166497	168336	168022	0.83	cps
Iron	56-2	1494549	1501466	1484776	1493597	0.56	cps
Iron	57-2	36086	37428	36548	36688	1.86	cps
Krypton	83-1	467	540	473	493	8.22	cps
Lead	206-1	1906	1867	1667	1813	7.07	cps
Lead	207-1	1572	1472	1506	1517	3.36	cps
Lead	208-1	7468	7257	6918	7214	3.85	cps
Lithium	6-1	958398	976806	983016	972740	1.32	cps
Magnesium	24-2	3265405	3239673	3236295	3247125	0.49	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-15 Instrumnet Name : P8
 Client Sample ID : LF014MW086-180411 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:00:07 DataFile Name : 044SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83534	80909	82136	82193	1.60	cps
Molybdenum	94-1	8495	8720	9212	8809	4.16	cps
Molybdenum	95-1	1709	2184	2617	2170	20.94	cps
Molybdenum	96-1	3359	4109	4434	3967	13.90	cps
Molybdenum	97-1	1367	1458	1742	1522	12.84	cps
Molybdenum	98-1	2975	3609	4368	3651	19.09	cps
Neodymium	150-1	460	507	433	467	7.95	cps
Neodymium	150-2	50	47	57	51	9.96	cps
Nickel	60-2	700	593	597	630	9.63	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	26660	25958	26710	26443	1.59	cps
Rhodium	103-1	4046404	4038508	4070311	4051741	0.41	cps
Rhodium	103-2	955606	944155	950500	950087	0.60	cps
Scandium	45-1	2027481	2067274	2046286	2047014	0.97	cps
Scandium	45-2	13063	12950	13046	13020	0.47	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	16	-28	29	6	509.24	cps
Silicon	28-1	22256625	22006346	22182427	22148466	0.58	cps
Silver	109-1	2325	2025	1634	1995	17.39	cps
Silver	107-1	2217	2275	1717	2070	14.83	cps
Sodium	23-2	18475298	18487747	18448030	18470358	0.11	cps
Strontium	86-1	9382319	9247457	9329881	9319886	0.73	cps
Strontium	88-1	81446308	80947823	81587073	81327068	0.41	cps
Sulfur	34-1	9494035	9537432	9586239	9539235	0.48	cps
Terbium	159-1	6760769	6716314	6823818	6766967	0.80	cps
Terbium	159-2	1175474	1159761	1170798	1168678	0.69	cps
Thallium	203-1	2109	1542	1375	1675	22.95	cps
Thallium	205-1	4801	4026	3451	4093	16.56	cps
Tin	118-1	9003	8553	9362	8973	4.52	cps
Titanium	47-1	617	700	758	692	10.29	cps
Uranium	238-1	41203	42047	42448	41899	1.52	cps
Vanadium	51-2	310	307	283	300	4.84	cps
Yttrium	89-1	4626289	4662810	4675783	4654961	0.55	cps
Yttrium	89-2	115366	113553	114162	114360	0.81	cps
Zinc	66-2	333	330	300	321	5.72	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-15	Instrumnet Name :	P8
Client Sample ID :	LF014MW086-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:00:07	DataFile Name :	044SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	21242	20633	20157	20678	2.63	cps
Zirconium	91-1	4859	4576	4484	4640	4.21	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-16	Instrumnet Name :	P8
Client Sample ID :	DUP-0441-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:03:28	DataFile Name :	045SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	42	25	47	53.91	cps
Antimony	121-1	16219	17896	19657	17924	9.59	cps
Arsenic	75-2	193	172	170	178	6.91	cps
Barium	135-1	230557	228741	228710	229336	0.46	cps
Barium	137-1	403046	400180	401456	401561	0.36	cps
Beryllium	9-1	211	228	189	209	9.32	cps
Bismuth	209-1	4908234	4893563	4820719	4874172	0.96	cps
Bismuth	209-2	1017749	1018245	1019100	1018365	0.07	cps
Boron	10-1	32204	33231	32580	32672	1.59	cps
Boron	11-1	156007	154263	151988	154086	1.31	cps
Cadmium	111-1	830	904	798	844	6.46	cps
Cadmium	106-1	692	733	717	714	2.94	cps
Cadmium	108-1	13	25	29	22	39.04	cps
Calcium	43-1	2151814	2131870	2125818	2136500	0.64	cps
Calcium	44-1	34378507	34172495	33903334	34151445	0.70	cps
Chromium	52-2	303	377	327	336	11.17	cps
Cobalt	59-2	437	423	417	426	2.39	cps
Copper	63-2	1904	1817	1887	1869	2.46	cps
Dysprosium	156-1	100	75	42	72	40.52	cps
Dysprosium	156-2	3	13	7	8	65.47	cps
Erbium	164-1	67	50	100	72	35.26	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	92	100	117	103	12.38	cps
Gadolinium	160-2	17	7	30	18	65.83	cps
Holmium	165-1	6651421	6765147	6647852	6688140	1.00	cps
Holmium	165-2	1214939	1215654	1211555	1214049	0.18	cps
Indium	115-1	4745653	4731404	4717403	4731487	0.30	cps
Indium	115-2	164070	163570	163946	163862	0.16	cps
Iron	56-2	267716	265742	263349	265603	0.82	cps
Iron	57-2	6857	6730	6441	6676	3.20	cps
Krypton	83-1	310	290	330	310	6.45	cps
Lead	206-1	2473	2506	2417	2465	1.82	cps
Lead	207-1	2189	2334	2306	2276	3.37	cps
Lead	208-1	9630	10152	10146	9976	3.01	cps
Lithium	6-1	1086632	1099109	1058045	1081262	1.95	cps
Magnesium	24-2	344114	346302	345303	345239	0.32	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-16	Instrumnet Name :	P8
Client Sample ID :	DUP-0441-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:03:28	DataFile Name :	045SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13420	13403	13430	13418	0.10	cps
Molybdenum	94-1	5485	4993	5051	5176	5.19	cps
Molybdenum	95-1	7411	7302	8144	7619	6.01	cps
Molybdenum	96-1	8186	8386	8678	8417	2.94	cps
Molybdenum	97-1	4701	4909	4976	4862	2.95	cps
Molybdenum	98-1	12440	12348	13023	12604	2.91	cps
Neodymium	150-1	80	120	60	87	35.26	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	1023	1100	923	1016	8.72	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	61024	59677	60338	60347	1.12	cps
Rhodium	103-1	4197354	4166247	4105277	4156293	1.13	cps
Rhodium	103-2	956470	959631	959352	958484	0.18	cps
Scandium	45-1	2083582	2030354	1996281	2036739	2.16	cps
Scandium	45-2	12623	12339	12386	12449	1.22	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	76	146	114	112	30.96	cps
Silicon	28-1	16284879	16050967	15886011	16073952	1.25	cps
Silver	109-1	942	842	792	858	8.90	cps
Silver	107-1	925	767	900	864	9.85	cps
Sodium	23-2	1660920	1659612	1680620	1667050	0.71	cps
Strontium	86-1	1676022	1640134	1633766	1649974	1.38	cps
Strontium	88-1	14152675	14143035	14002362	14099357	0.60	cps
Sulfur	34-1	883939	872938	870215	875697	0.83	cps
Terbium	159-1	6715028	6805451	6781040	6767173	0.69	cps
Terbium	159-2	1144624	1148889	1153205	1148906	0.37	cps
Thallium	203-1	617	683	608	636	6.46	cps
Thallium	205-1	1509	1525	1625	1553	4.06	cps
Tin	118-1	6977	7661	7819	7486	5.98	cps
Titanium	47-1	467	533	475	492	7.39	cps
Uranium	238-1	137174	135431	136054	136220	0.65	cps
Vanadium	51-2	480	330	430	413	18.48	cps
Yttrium	89-1	4652227	4624849	4525879	4600985	1.44	cps
Yttrium	89-2	109175	109418	109313	109302	0.11	cps
Zinc	66-2	3444	3317	3147	3303	4.51	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-16	Instrumnet Name :	P8
Client Sample ID :	DUP-0441-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:03:28	DataFile Name :	045SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2225	2242	2275	2248	1.13	cps
Zirconium	91-1	392	567	508	489	18.23	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-18 Instrumnet Name : P8
 Client Sample ID : LF012MW026-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:06:49 DataFile Name : 046SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	17	50	47	61.97	cps
Antimony	121-1	9687	10822	11030	10513	6.87	cps
Arsenic	75-2	172	180	174	175	2.20	cps
Barium	135-1	108450	108693	107727	108290	0.46	cps
Barium	137-1	189254	190883	189719	189952	0.44	cps
Beryllium	9-1	222	200	283	235	18.35	cps
Bismuth	209-1	4802520	4694386	4797161	4764689	1.28	cps
Bismuth	209-2	995037	996878	1002493	998136	0.39	cps
Boron	10-1	20841	21826	20407	21025	3.46	cps
Boron	11-1	99897	99259	100081	99746	0.43	cps
Cadmium	111-1	953	883	1006	948	6.51	cps
Cadmium	106-1	825	758	758	781	4.93	cps
Cadmium	108-1	71	50	29	50	41.67	cps
Calcium	43-1	1629636	1630086	1619260	1626327	0.38	cps
Calcium	44-1	26020103	26073368	26027629	26040366	0.11	cps
Chromium	52-2	1073	1193	1120	1129	5.36	cps
Cobalt	59-2	1400	1537	1390	1442	5.68	cps
Copper	63-2	877	960	930	922	4.58	cps
Dysprosium	156-1	83	33	50	56	45.83	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	58	42	67	56	22.91	cps
Erbium	164-2	7	20	7	11	69.25	cps
Gadolinium	160-1	83	83	83	83	0.00	cps
Gadolinium	160-2	13	27	23	21	32.88	cps
Holmium	165-1	6503679	6530962	6441059	6491900	0.71	cps
Holmium	165-2	1165802	1173765	1178270	1172612	0.54	cps
Indium	115-1	4618649	4640711	4653123	4637494	0.38	cps
Indium	115-2	157462	156027	157752	157080	0.59	cps
Iron	56-2	1289341	1286492	1292108	1289314	0.22	cps
Iron	57-2	32371	32098	33023	32498	1.46	cps
Krypton	83-1	290	307	337	311	7.60	cps
Lead	206-1	1139	1089	1117	1115	2.25	cps
Lead	207-1	1022	989	978	996	2.32	cps
Lead	208-1	4506	4378	4695	4526	3.52	cps
Lithium	6-1	1026517	1012252	1021644	1020138	0.71	cps
Magnesium	24-2	237942	233859	232623	234808	1.19	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-18	Instrumnet Name :	P8
Client Sample ID :	LF012MW026-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:06:49	DataFile Name :	046SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67083	66826	66380	66763	0.53	cps
Molybdenum	94-1	6769	6494	6944	6735	3.37	cps
Molybdenum	95-1	9996	10963	11297	10752	6.29	cps
Molybdenum	96-1	11647	11572	11922	11714	1.58	cps
Molybdenum	97-1	7027	7152	6402	6860	5.86	cps
Molybdenum	98-1	17971	16436	18213	17540	5.50	cps
Neodymium	150-1	60	47	87	64	31.60	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	8863	9400	9100	9121	2.95	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	24531	26250	25107	25296	3.46	cps
Rhodium	103-1	4040395	4021189	4063554	4041713	0.52	cps
Rhodium	103-2	928199	929746	930366	929437	0.12	cps
Scandium	45-1	1951919	1937111	1923293	1937441	0.74	cps
Scandium	45-2	11969	11935	11979	11961	0.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	58	37	44	46	23.91	cps
Silicon	28-1	12371013	12417442	12274696	12354384	0.59	cps
Silver	109-1	642	567	633	614	6.70	cps
Silver	107-1	733	533	567	611	17.54	cps
Sodium	23-2	1305626	1304463	1317441	1309177	0.55	cps
Strontium	86-1	1113304	1110667	1106361	1110111	0.32	cps
Strontium	88-1	9793507	9735503	9773505	9767505	0.30	cps
Sulfur	34-1	944484	1057419	1052053	1017985	6.26	cps
Terbium	159-1	6595707	6618962	6585091	6599920	0.26	cps
Terbium	159-2	1115476	1111605	1115491	1114190	0.20	cps
Thallium	203-1	383	400	492	425	13.73	cps
Thallium	205-1	942	858	1000	933	7.63	cps
Tin	118-1	6085	6235	7060	6460	8.13	cps
Titanium	47-1	558	517	617	564	8.91	cps
Uranium	238-1	68347	68506	68154	68335	0.26	cps
Vanadium	51-2	87	93	123	101	19.32	cps
Yttrium	89-1	4411486	4420759	4389749	4407331	0.36	cps
Yttrium	89-2	105389	105235	104231	104952	0.60	cps
Zinc	66-2	753	663	670	696	7.21	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-18	Instrumnet Name :	P8
Client Sample ID :	LF012MW026-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:06:49	DataFile Name :	046SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1959	1800	1892	1884	4.22	cps
Zirconium	91-1	417	425	442	428	2.98	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-19	Instrumnet Name :	P8
Client Sample ID :	LF012MW147-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:10:11	DataFile Name :	047SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	17	17	50.01	cps
Antimony	121-1	9329	9854	10855	10013	7.74	cps
Arsenic	75-2	380	406	417	401	4.74	cps
Barium	135-1	200352	200402	202424	201059	0.59	cps
Barium	137-1	349368	353974	350557	351300	0.68	cps
Beryllium	9-1	117	178	106	133	29.17	cps
Bismuth	209-1	4739861	4820861	4792700	4784474	0.86	cps
Bismuth	209-2	994792	994028	988126	992315	0.37	cps
Boron	10-1	18396	18788	18104	18429	1.86	cps
Boron	11-1	86845	88740	86837	87474	1.25	cps
Cadmium	111-1	641	577	598	605	5.43	cps
Cadmium	106-1	742	683	733	720	4.39	cps
Cadmium	108-1	4	8	33	15	103.25	cps
Calcium	43-1	1427645	1435215	1420419	1427760	0.52	cps
Calcium	44-1	22841568	22821922	22578305	22747265	0.64	cps
Chromium	52-2	520	520	607	549	9.12	cps
Cobalt	59-2	187	223	173	194	13.32	cps
Copper	63-2	610	647	520	592	11.01	cps
Dysprosium	156-1	50	42	42	44	10.82	cps
Dysprosium	156-2	17	7	10	11	45.82	cps
Erbium	164-1	25	58	75	53	48.24	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	92	25	50	56	60.62	cps
Gadolinium	160-2	10	20	7	12	56.76	cps
Holmium	165-1	6406988	6497251	6475021	6459753	0.73	cps
Holmium	165-2	1167641	1167954	1163675	1166423	0.20	cps
Indium	115-1	4545526	4581038	4612459	4579675	0.73	cps
Indium	115-2	154758	155325	154276	154786	0.34	cps
Iron	56-2	870843	867983	870439	869755	0.18	cps
Iron	57-2	21617	21901	22157	21892	1.23	cps
Krypton	83-1	310	237	293	280	13.73	cps
Lead	206-1	1400	1383	1406	1396	0.83	cps
Lead	207-1	1228	1256	1078	1187	8.06	cps
Lead	208-1	5606	5401	5490	5499	1.88	cps
Lithium	6-1	988365	990776	977227	985456	0.73	cps
Magnesium	24-2	212023	210581	209758	210787	0.54	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-19 Instrumnet Name : P8
 Client Sample ID : LF012MW147-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:10:11 DataFile Name : 047SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	88971	88270	89572	88937	0.73	cps
Molybdenum	94-1	1725	1659	1925	1770	7.84	cps
Molybdenum	95-1	1934	2050	2034	2006	3.15	cps
Molybdenum	96-1	2575	2384	2500	2486	3.89	cps
Molybdenum	97-1	1317	1317	1408	1347	3.93	cps
Molybdenum	98-1	3409	3751	3817	3659	5.99	cps
Neodymium	150-1	47	87	27	53	57.28	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	687	683	663	678	1.86	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	31728	32079	32606	32138	1.37	cps
Rhodium	103-1	3995553	4009615	4011175	4005447	0.21	cps
Rhodium	103-2	924858	917779	920736	921124	0.39	cps
Scandium	45-1	1898111	1909809	1897310	1901744	0.37	cps
Scandium	45-2	11632	11812	11582	11675	1.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	48	95	51	65	40.90	cps
Silicon	28-1	14700406	14716028	14726288	14714241	0.09	cps
Silver	109-1	575	383	458	472	20.45	cps
Silver	107-1	517	508	500	508	1.64	cps
Sodium	23-2	1134706	1125583	1119317	1126535	0.69	cps
Strontium	86-1	1075421	1072763	1073560	1073915	0.13	cps
Strontium	88-1	9506361	9492410	9522865	9507212	0.16	cps
Sulfur	34-1	636598	633309	632082	633996	0.37	cps
Terbium	159-1	6635827	6587751	6589016	6604198	0.41	cps
Terbium	159-2	1110563	1104162	1101678	1105468	0.41	cps
Thallium	203-1	317	250	283	283	11.76	cps
Thallium	205-1	608	817	742	722	14.61	cps
Tin	118-1	6143	6527	6469	6380	3.24	cps
Titanium	47-1	450	500	408	453	10.14	cps
Uranium	238-1	7561	7411	7711	7561	1.98	cps
Vanadium	51-2	53	57	53	54	3.54	cps
Yttrium	89-1	4362942	4370114	4361621	4364892	0.10	cps
Yttrium	89-2	103045	102346	102518	102636	0.35	cps
Zinc	66-2	407	377	370	384	5.08	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-19	Instrumnet Name :	P8
Client Sample ID :	LF012MW147-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:10:11	DataFile Name :	047SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1417	1408	1267	1364	6.18	cps
Zirconium	91-1	283	208	275	256	16.09	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-20 Instrumnet Name : P8
 Client Sample ID : LF012MW201-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:13:34 DataFile Name : 048SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	33	33	0.02	cps
Antimony	121-1	8762	9846	9746	9451	6.34	cps
Arsenic	75-2	31	43	35	36	15.53	cps
Barium	135-1	34438	34346	34136	34306	0.45	cps
Barium	137-1	59669	58539	58363	58857	1.20	cps
Beryllium	9-1	172	206	156	178	14.32	cps
Bismuth	209-1	4573683	4641995	4683056	4632911	1.19	cps
Bismuth	209-2	966020	961170	952539	959910	0.71	cps
Boron	10-1	191266	195742	198370	195126	1.84	cps
Boron	11-1	894158	870480	892248	885629	1.49	cps
Cadmium	111-1	601	627	648	625	3.77	cps
Cadmium	106-1	767	767	717	750	3.85	cps
Cadmium	108-1	21	8	17	15	41.67	cps
Calcium	43-1	2633140	2657899	2667282	2652774	0.66	cps
Calcium	44-1	42821474	42799873	42924240	42848529	0.16	cps
Chromium	52-2	243	347	310	300	17.46	cps
Cobalt	59-2	400	307	367	358	13.22	cps
Copper	63-2	760	737	690	729	4.89	cps
Dysprosium	156-1	217	258	200	225	13.35	cps
Dysprosium	156-2	30	37	37	34	11.18	cps
Erbium	164-1	200	308	133	214	41.29	cps
Erbium	164-2	40	53	57	50	17.64	cps
Gadolinium	160-1	183	183	275	214	24.74	cps
Gadolinium	160-2	67	33	63	54	33.72	cps
Holmium	165-1	6452900	6440262	6526127	6473096	0.72	cps
Holmium	165-2	1168139	1170276	1160818	1166411	0.43	cps
Indium	115-1	4470203	4563224	4548237	4527221	1.10	cps
Indium	115-2	157209	153761	153388	154786	1.36	cps
Iron	56-2	20732	20644	20632	20670	0.26	cps
Iron	57-2	539	411	650	533	22.41	cps
Krypton	83-1	343	333	360	346	3.90	cps
Lead	206-1	928	1045	950	974	6.36	cps
Lead	207-1	861	728	861	817	9.43	cps
Lead	208-1	3756	3789	3628	3724	2.28	cps
Lithium	6-1	987821	996930	997823	994191	0.56	cps
Magnesium	24-2	2325150	2293495	2277141	2298595	1.06	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-20	Instrumnet Name :	P8
Client Sample ID :	LF012MW201-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:13:34	DataFile Name :	048SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6788	6525	6768	6694	2.19	cps
Molybdenum	94-1	3156	2575	2417	2716	14.32	cps
Molybdenum	95-1	2417	2867	2492	2592	9.30	cps
Molybdenum	96-1	2692	2925	3226	2948	9.07	cps
Molybdenum	97-1	1925	1584	1617	1709	11.03	cps
Molybdenum	98-1	3859	4126	4468	4151	7.35	cps
Neodymium	150-1	240	180	213	211	14.24	cps
Neodymium	150-2	10	33	20	21	55.45	cps
Nickel	60-2	760	840	787	796	5.12	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	69473	66766	67797	68012	2.01	cps
Rhodium	103-1	3902969	3918907	3979604	3933827	1.03	cps
Rhodium	103-2	916634	910049	911299	912660	0.38	cps
Scandium	45-1	1915843	1948671	1942465	1935659	0.90	cps
Scandium	45-2	12399	12155	12099	12218	1.31	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	0	2	6	2	114.63	cps
Selenium	82-1	112	105	78	98	18.15	cps
Silicon	28-1	16874808	17007893	17149995	17010898	0.81	cps
Silver	109-1	525	342	483	450	21.36	cps
Silver	107-1	458	617	550	542	14.68	cps
Sodium	23-2	6466723	6443416	6388235	6432791	0.63	cps
Strontium	86-1	6956481	7050660	7115573	7040905	1.14	cps
Strontium	88-1	61341612	60510647	61755841	61202700	1.04	cps
Sulfur	34-1	4917335	4996350	4999182	4970955	0.93	cps
Terbium	159-1	6602043	6613599	6571556	6595733	0.33	cps
Terbium	159-2	1109798	1103765	1100228	1104597	0.44	cps
Thallium	203-1	300	308	308	306	1.57	cps
Thallium	205-1	733	708	733	725	1.99	cps
Tin	118-1	6160	5776	6268	6068	4.26	cps
Titanium	47-1	492	558	750	600	22.35	cps
Uranium	238-1	609027	614476	614824	612776	0.53	cps
Vanadium	51-2	227	240	230	232	2.99	cps
Yttrium	89-1	4431462	4431132	4419168	4427254	0.16	cps
Yttrium	89-2	107361	106142	105272	106258	0.99	cps
Zinc	66-2	530	503	523	519	2.67	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-20	Instrumnet Name :	P8
Client Sample ID :	LF012MW201-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:13:34	DataFile Name :	048SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2534	2534	2809	2625	6.05	cps
Zirconium	91-1	725	642	667	678	6.31	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-21 Instrumnet Name : P8
 Client Sample ID : LF012OW009-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:16:55 DataFile Name : 049SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	17	58	64	78.62	cps
Antimony	121-1	9996	10363	10079	10146	1.90	cps
Arsenic	75-2	224	215	167	202	15.27	cps
Barium	135-1	278538	278585	278124	278416	0.09	cps
Barium	137-1	489934	486184	491437	489185	0.55	cps
Beryllium	9-1	133	183	189	169	18.16	cps
Bismuth	209-1	4698517	4766593	4766747	4743952	0.83	cps
Bismuth	209-2	925224	974399	1000402	966675	3.95	cps
Boron	10-1	20215	19197	19531	19648	2.64	cps
Boron	11-1	93378	91744	91238	92120	1.21	cps
Cadmium	111-1	494	470	435	466	6.38	cps
Cadmium	106-1	692	642	600	644	7.12	cps
Cadmium	108-1	4	13	21	13	66.64	cps
Calcium	43-1	1234275	1265795	1237717	1245929	1.39	cps
Calcium	44-1	20137205	19824577	19869261	19943681	0.85	cps
Chromium	52-2	273	340	417	343	20.89	cps
Cobalt	59-2	237	247	273	252	7.52	cps
Copper	63-2	830	927	943	900	6.80	cps
Dysprosium	156-1	83	75	67	75	11.11	cps
Dysprosium	156-2	20	23	17	20	16.65	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	20	0	20	13	86.60	cps
Gadolinium	160-1	83	50	67	67	25.00	cps
Gadolinium	160-2	30	23	23	26	15.07	cps
Holmium	165-1	6409913	6427996	6453238	6430382	0.34	cps
Holmium	165-2	1075338	1149331	1164290	1129653	4.22	cps
Indium	115-1	4594544	4583251	4637573	4605123	0.62	cps
Indium	115-2	146981	153852	158556	153130	3.80	cps
Iron	56-2	913006	911853	915860	913573	0.23	cps
Iron	57-2	23197	23159	23203	23186	0.10	cps
Krypton	83-1	320	340	423	361	15.18	cps
Lead	206-1	1078	1178	1150	1135	4.55	cps
Lead	207-1	1028	911	945	961	6.25	cps
Lead	208-1	4373	4462	4600	4478	2.56	cps
Lithium	6-1	932837	954638	941414	942963	1.16	cps
Magnesium	24-2	175199	173816	175445	174820	0.50	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-21	Instrumnet Name :	P8
Client Sample ID :	LF012OW009-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:16:55	DataFile Name :	049SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27781	27323	27584	27563	0.83	cps
Molybdenum	94-1	2450	2875	2950	2759	9.78	cps
Molybdenum	95-1	3826	3901	4026	3917	2.58	cps
Molybdenum	96-1	4276	4226	4318	4273	1.07	cps
Molybdenum	97-1	2017	2342	2542	2300	11.52	cps
Molybdenum	98-1	6077	6368	6243	6229	2.35	cps
Neodymium	150-1	73	67	107	82	26.06	cps
Neodymium	150-2	17	3	7	9	78.08	cps
Nickel	60-2	843	900	790	844	6.51	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	41136	39273	40100	40170	2.32	cps
Rhodium	103-1	4064376	4028610	4012693	4035226	0.66	cps
Rhodium	103-2	872091	926115	941579	913262	3.99	cps
Scandium	45-1	1939106	1944460	1926345	1936637	0.48	cps
Scandium	45-2	11115	12095	11778	11663	4.29	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	38	30	-64	1	3958.32	cps
Silicon	28-1	12301432	12254710	12248202	12268114	0.24	cps
Silver	109-1	575	550	383	503	20.72	cps
Silver	107-1	550	417	550	506	15.23	cps
Sodium	23-2	790069	786636	790257	788987	0.26	cps
Strontium	86-1	912511	909110	908757	910126	0.23	cps
Strontium	88-1	8026831	8034098	7963309	8008079	0.49	cps
Sulfur	34-1	459870	449972	445638	451826	1.61	cps
Terbium	159-1	6532917	6529825	6590032	6550925	0.52	cps
Terbium	159-2	1018438	1086221	1106189	1070283	4.30	cps
Thallium	203-1	200	250	275	242	15.80	cps
Thallium	205-1	600	533	600	578	6.66	cps
Tin	118-1	6127	5860	6385	6124	4.29	cps
Titanium	47-1	567	525	467	519	9.67	cps
Uranium	238-1	29060	30013	29536	29536	1.61	cps
Vanadium	51-2	133	153	127	138	10.07	cps
Yttrium	89-1	4391420	4429121	4445766	4422102	0.63	cps
Yttrium	89-2	98053	104690	105261	102668	3.90	cps
Zinc	66-2	1890	1673	1697	1753	6.78	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-21	Instrumnet Name :	P8
Client Sample ID :	LF012OW009-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:16:55	DataFile Name :	049SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1275	1125	1192	1197	6.28	cps
Zirconium	91-1	283	225	142	217	32.86	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-22 Instrumnet Name : P8
 Client Sample ID : LF012RW042-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:20:17 DataFile Name : 050SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	200	283	233	18.90	cps
Antimony	121-1	10530	11580	12348	11486	7.95	cps
Arsenic	75-2	228	259	206	231	11.69	cps
Barium	135-1	168121	170409	172433	170321	1.27	cps
Barium	137-1	293409	293569	300787	295922	1.42	cps
Beryllium	9-1	167	150	128	148	13.17	cps
Bismuth	209-1	4704926	4715784	4746836	4722515	0.46	cps
Bismuth	209-2	980847	975706	978639	978397	0.26	cps
Boron	10-1	10538	10796	10688	10674	1.22	cps
Boron	11-1	51812	51895	52464	52057	0.68	cps
Cadmium	111-1	578	590	612	593	2.85	cps
Cadmium	106-1	725	683	783	731	6.88	cps
Cadmium	108-1	42	25	17	28	45.82	cps
Calcium	43-1	1199210	1205545	1221428	1208727	0.95	cps
Calcium	44-1	19639419	19665597	19791465	19698827	0.41	cps
Chromium	52-2	393	320	303	339	14.13	cps
Cobalt	59-2	520	523	543	529	2.39	cps
Copper	63-2	1450	1550	1467	1489	3.60	cps
Dysprosium	156-1	117	133	167	139	18.33	cps
Dysprosium	156-2	37	47	33	39	17.85	cps
Erbium	164-1	175	183	158	172	7.39	cps
Erbium	164-2	7	20	37	21	71.19	cps
Gadolinium	160-1	158	183	117	153	22.05	cps
Gadolinium	160-2	23	33	57	38	45.29	cps
Holmium	165-1	6429447	6473351	6448262	6450353	0.34	cps
Holmium	165-2	1161253	1156991	1147634	1155293	0.60	cps
Indium	115-1	4632469	4624025	4647728	4634741	0.26	cps
Indium	115-2	156208	155871	157368	156482	0.50	cps
Iron	56-2	216087	215192	213762	215014	0.55	cps
Iron	57-2	5023	5234	5329	5196	3.01	cps
Krypton	83-1	360	383	333	359	6.97	cps
Lead	206-1	1767	2000	1850	1872	6.32	cps
Lead	207-1	1639	1645	1611	1632	1.10	cps
Lead	208-1	7051	7301	7318	7223	2.07	cps
Lithium	6-1	892602	891648	886397	890216	0.38	cps
Magnesium	24-2	112159	113525	110846	112177	1.19	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-22 Instrumnet Name : P8
 Client Sample ID : LF012RW042-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:20:17 DataFile Name : 050SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23831	23540	23500	23624	0.76	cps
Molybdenum	94-1	2450	2342	2492	2428	3.19	cps
Molybdenum	95-1	3126	3101	3067	3098	0.94	cps
Molybdenum	96-1	3567	3259	3576	3467	5.21	cps
Molybdenum	97-1	2092	1950	2075	2039	3.80	cps
Molybdenum	98-1	4743	4868	5210	4940	4.89	cps
Neodymium	150-1	307	200	240	249	21.65	cps
Neodymium	150-2	20	33	30	28	24.98	cps
Nickel	60-2	757	753	843	784	6.50	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	51679	50349	52106	51378	1.78	cps
Rhodium	103-1	4025595	4091942	4014917	4044151	1.03	cps
Rhodium	103-2	934309	935481	935788	935192	0.08	cps
Scandium	45-1	1910822	1925924	1921793	1919513	0.41	cps
Scandium	45-2	12442	12286	12069	12266	1.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	55	22	102	60	68.17	cps
Silicon	28-1	8709089	8704278	8677972	8697113	0.19	cps
Silver	109-1	475	358	417	417	14.00	cps
Silver	107-1	492	400	483	458	11.06	cps
Sodium	23-2	1219715	1222025	1195678	1212472	1.20	cps
Strontium	86-1	550079	555049	560724	555284	0.96	cps
Strontium	88-1	4895306	4899437	4946686	4913810	0.58	cps
Sulfur	34-1	453325	452321	455241	453629	0.33	cps
Terbium	159-1	6535350	6495760	6527674	6519595	0.32	cps
Terbium	159-2	1094318	1097567	1088685	1093523	0.41	cps
Thallium	203-1	258	225	133	206	31.49	cps
Thallium	205-1	683	583	517	594	14.11	cps
Tin	118-1	6093	6120	5651	5955	4.42	cps
Titanium	47-1	900	1083	1293	1092	17.98	cps
Uranium	238-1	19441	19741	19742	19641	0.88	cps
Vanadium	51-2	310	350	367	342	8.51	cps
Yttrium	89-1	4414817	4435633	4405264	4418571	0.35	cps
Yttrium	89-2	104812	104999	106296	105369	0.77	cps
Zinc	66-2	620	643	623	629	2.01	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-22	Instrumnet Name :	P8
Client Sample ID :	LF012RW042-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:20:17	DataFile Name :	050SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1517	1709	1584	1603	6.07	cps
Zirconium	91-1	367	358	342	356	3.58	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01 Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:23:40 DataFile Name : 051SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	25	39	32.73	cps
Antimony	121-1	8561	8728	9154	8814	3.46	cps
Arsenic	75-2	937	994	924	952	3.93	cps
Barium	135-1	333295	335963	339470	336242	0.92	cps
Barium	137-1	588880	589369	586981	588410	0.21	cps
Beryllium	9-1	139	133	139	137	2.34	cps
Bismuth	209-1	4720764	4746175	4795604	4754181	0.80	cps
Bismuth	209-2	982999	992091	966936	980675	1.30	cps
Boron	10-1	19022	19497	19789	19436	1.99	cps
Boron	11-1	88683	93354	93153	91730	2.88	cps
Cadmium	111-1	665	649	539	618	11.08	cps
Cadmium	106-1	883	842	700	808	11.89	cps
Cadmium	108-1	17	4	25	15	68.61	cps
Calcium	43-1	1608348	1608847	1606357	1607851	0.08	cps
Calcium	44-1	25758536	25708649	25670873	25712686	0.17	cps
Chromium	52-2	720	770	750	747	3.37	cps
Cobalt	59-2	540	590	540	557	5.19	cps
Copper	63-2	543	600	540	561	6.01	cps
Dysprosium	156-1	33	50	17	33	49.99	cps
Dysprosium	156-2	3	17	17	12	63.01	cps
Erbium	164-1	33	75	75	61	39.37	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	42	58	33	44	28.65	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	6391349	6472467	6525909	6463242	1.05	cps
Holmium	165-2	1154112	1156256	1124061	1144809	1.57	cps
Indium	115-1	4580742	4595780	4577320	4584614	0.21	cps
Indium	115-2	153442	152019	148756	151405	1.59	cps
Iron	56-2	2735657	2737906	2725173	2732912	0.25	cps
Iron	57-2	68027	66190	67279	67165	1.37	cps
Krypton	83-1	343	297	277	306	11.20	cps
Lead	206-1	933	1017	1078	1009	7.18	cps
Lead	207-1	828	917	961	902	7.53	cps
Lead	208-1	4039	4106	4328	4158	3.64	cps
Lithium	6-1	872745	868155	864000	868300	0.50	cps
Magnesium	24-2	207037	204651	207568	206418	0.75	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01 Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:23:40 DataFile Name : 051SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117018	115405	115687	116037	0.74	cps
Molybdenum	94-1	1959	2017	2184	2053	5.69	cps
Molybdenum	95-1	3192	2859	3267	3106	7.00	cps
Molybdenum	96-1	3317	3459	3659	3478	4.94	cps
Molybdenum	97-1	2084	1867	2100	2017	6.45	cps
Molybdenum	98-1	4718	5118	5010	4948	4.18	cps
Neodymium	150-1	107	80	60	82	28.48	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	747	667	617	677	9.69	cps
Phosphorus	31-2	33	17	8	19	65.47	cps
Potassium	39-2	41061	39958	41044	40688	1.55	cps
Rhodium	103-1	3995995	4033069	3986076	4005047	0.62	cps
Rhodium	103-2	921051	920818	890665	910845	1.92	cps
Scandium	45-1	1920147	1909057	1895716	1908307	0.64	cps
Scandium	45-2	11325	11999	11218	11514	3.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	38	96	79	71	41.82	cps
Silicon	28-1	15719144	15672793	15643573	15678503	0.24	cps
Silver	109-1	400	375	417	397	5.28	cps
Silver	107-1	358	375	333	356	5.90	cps
Sodium	23-2	1120787	1120040	1101372	1114066	0.99	cps
Strontium	86-1	1089618	1085759	1083945	1086441	0.27	cps
Strontium	88-1	9555339	9620519	9540092	9571983	0.45	cps
Sulfur	34-1	601599	596726	600443	599589	0.42	cps
Terbium	159-1	6564020	6553923	6703709	6607217	1.27	cps
Terbium	159-2	1090179	1099225	1062345	1083916	1.77	cps
Thallium	203-1	150	250	258	219	27.47	cps
Thallium	205-1	592	475	550	539	10.97	cps
Tin	118-1	5251	5518	6068	5613	7.42	cps
Titanium	47-1	517	567	625	569	9.52	cps
Uranium	238-1	4059	4068	3884	4004	2.59	cps
Vanadium	51-2	120	107	97	108	10.86	cps
Yttrium	89-1	4410656	4390650	4422169	4407825	0.36	cps
Yttrium	89-2	103173	102854	98486	101504	2.58	cps
Zinc	66-2	267	230	237	244	7.99	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:23:40	DataFile Name :	051SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	975	1025	875	958	7.97	cps
Zirconium	91-1	250	233	442	308	37.55	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01DUP Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410DL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:27:03 DataFile Name : 052SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	0	22	94.38	cps
Antimony	121-1	8245	8661	8937	8614	4.05	cps
Arsenic	75-2	926	1013	963	967	4.52	cps
Barium	135-1	334841	334643	338717	336067	0.68	cps
Barium	137-1	583339	585266	584020	584208	0.17	cps
Beryllium	9-1	144	117	78	113	29.64	cps
Bismuth	209-1	4761731	4805270	4795474	4787491	0.48	cps
Bismuth	209-2	988943	988145	980576	985888	0.47	cps
Boron	10-1	18930	18738	19364	19010	1.69	cps
Boron	11-1	89739	90401	92036	90726	1.30	cps
Cadmium	111-1	530	548	570	549	3.69	cps
Cadmium	106-1	700	683	708	697	1.83	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	1582152	1617242	1557735	1585710	1.89	cps
Calcium	44-1	25476252	25618560	25390467	25495093	0.45	cps
Chromium	52-2	777	780	733	763	3.41	cps
Cobalt	59-2	537	450	593	527	13.71	cps
Copper	63-2	450	593	613	552	16.13	cps
Dysprosium	156-1	83	42	42	56	43.30	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	67	83	67	72	13.33	cps
Erbium	164-2	17	3	3	8	99.04	cps
Gadolinium	160-1	75	75	58	69	13.85	cps
Gadolinium	160-2	17	17	0	11	86.60	cps
Holmium	165-1	6430484	6484581	6539201	6484755	0.84	cps
Holmium	165-2	1152419	1146957	1162097	1153824	0.66	cps
Indium	115-1	4530696	4591705	4555678	4559360	0.67	cps
Indium	115-2	151576	151952	151748	151758	0.12	cps
Iron	56-2	2716166	2698602	2714543	2709770	0.36	cps
Iron	57-2	65632	65638	66123	65798	0.43	cps
Krypton	83-1	307	390	290	329	16.29	cps
Lead	206-1	1072	1122	1028	1074	4.40	cps
Lead	207-1	911	811	983	902	9.59	cps
Lead	208-1	4239	4034	4334	4202	3.65	cps
Lithium	6-1	852837	855717	852987	853847	0.19	cps
Magnesium	24-2	201339	202311	203536	202396	0.54	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01DUP Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410DL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:27:03 DataFile Name : 052SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	112159	114746	114323	113743	1.22	cps
Molybdenum	94-1	2025	2425	2242	2231	8.98	cps
Molybdenum	95-1	2784	2975	2900	2887	3.35	cps
Molybdenum	96-1	3701	3125	3242	3356	9.06	cps
Molybdenum	97-1	1917	1825	1825	1856	2.85	cps
Molybdenum	98-1	4409	4659	4968	4679	5.98	cps
Neodymium	150-1	53	60	87	67	26.46	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	713	647	623	661	7.06	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	39966	39698	40008	39891	0.42	cps
Rhodium	103-1	3968272	3999495	3996955	3988240	0.43	cps
Rhodium	103-2	911224	912573	914683	912827	0.19	cps
Scandium	45-1	1885682	1873953	1891220	1883618	0.47	cps
Scandium	45-2	11605	11482	11438	11508	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	53	25	105	61	67.01	cps
Silicon	28-1	15576176	15500360	15572906	15549814	0.28	cps
Silver	109-1	350	408	342	367	9.91	cps
Silver	107-1	467	408	392	422	9.33	cps
Sodium	23-2	1095757	1110358	1098352	1101489	0.71	cps
Strontium	86-1	1083554	1089763	1084720	1086013	0.30	cps
Strontium	88-1	9590337	9628922	9623183	9614147	0.22	cps
Sulfur	34-1	594523	593891	594452	594289	0.06	cps
Terbium	159-1	6507998	6546863	6632757	6562539	0.97	cps
Terbium	159-2	1092387	1089387	1091578	1091118	0.14	cps
Thallium	203-1	142	183	283	203	35.91	cps
Thallium	205-1	450	483	508	481	6.09	cps
Tin	118-1	5543	5877	5818	5746	3.10	cps
Titanium	47-1	475	667	542	561	17.34	cps
Uranium	238-1	4434	3867	4309	4204	7.08	cps
Vanadium	51-2	80	93	60	78	21.57	cps
Yttrium	89-1	4326801	4351118	4389339	4355753	0.72	cps
Yttrium	89-2	101504	100503	101840	101282	0.69	cps
Zinc	66-2	287	300	233	273	12.91	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01DUP	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410DL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:27:03	DataFile Name :	052SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1033	1125	950	1036	8.45	cps
Zirconium	91-1	308	233	267	269	13.95	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01LX5 Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410L Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 17:30:25 DataFile Name : 053SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	33	14	124.91	cps
Antimony	121-1	2250	2225	2034	2170	5.46	cps
Arsenic	75-2	231	220	176	209	14.05	cps
Barium	135-1	71443	72458	70915	71605	1.10	cps
Barium	137-1	126299	124355	126004	125553	0.83	cps
Beryllium	9-1	139	128	94	120	19.22	cps
Bismuth	209-1	5058679	4954759	5055587	5023008	1.18	cps
Bismuth	209-2	1080524	1079908	1072052	1077494	0.44	cps
Boron	10-1	6335	6418	6552	6435	1.70	cps
Boron	11-1	29122	29941	29790	29618	1.47	cps
Cadmium	111-1	642	669	538	616	11.28	cps
Cadmium	106-1	892	917	758	856	9.95	cps
Cadmium	108-1	4	8	8	7	34.59	cps
Calcium	43-1	342950	346712	349045	346235	0.89	cps
Calcium	44-1	5644313	5640592	5646884	5643930	0.06	cps
Chromium	52-2	263	347	317	309	13.67	cps
Cobalt	59-2	147	140	127	138	7.39	cps
Copper	63-2	277	310	283	290	6.08	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	33	50	17	33	50.00	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	17	33	42	31	41.66	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	6787912	6648507	6767690	6734703	1.12	cps
Holmium	165-2	1246109	1233976	1229778	1236621	0.69	cps
Indium	115-1	4886894	4746572	4888415	4840627	1.68	cps
Indium	115-2	170920	170714	170148	170594	0.23	cps
Iron	56-2	594963	594737	592314	594005	0.25	cps
Iron	57-2	15025	14480	14753	14753	1.85	cps
Krypton	83-1	337	397	293	342	15.16	cps
Lead	206-1	372	289	333	331	12.58	cps
Lead	207-1	311	361	339	337	7.43	cps
Lead	208-1	1372	1361	1383	1372	0.81	cps
Lithium	6-1	753394	745013	754639	751016	0.70	cps
Magnesium	24-2	47589	46276	46644	46836	1.45	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 17:30:25	DataFile Name :	053SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25954	26886	26709	26517	1.87	cps
Molybdenum	94-1	675	575	608	619	8.22	cps
Molybdenum	95-1	725	750	800	758	5.04	cps
Molybdenum	96-1	792	833	1008	878	13.10	cps
Molybdenum	97-1	508	575	600	561	8.44	cps
Molybdenum	98-1	1317	1225	1208	1250	4.67	cps
Neodymium	150-1	33	13	7	18	78.05	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	400	377	397	391	3.23	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	10304	9837	9779	9973	2.89	cps
Rhodium	103-1	4379222	4219101	4346987	4315103	1.96	cps
Rhodium	103-2	1012005	1014304	1015233	1013847	0.16	cps
Scandium	45-1	2049807	2013057	2012418	2025094	1.06	cps
Scandium	45-2	13173	13220	12886	13093	1.38	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	2	-62	63	1	6385.15	cps
Silicon	28-1	3731369	3729074	3730777	3730407	0.03	cps
Silver	109-1	233	192	200	208	10.58	cps
Silver	107-1	192	225	225	214	9.00	cps
Sodium	23-2	242083	245549	241881	243171	0.85	cps
Strontium	86-1	236981	237582	234184	236249	0.77	cps
Strontium	88-1	2128701	2136248	2110266	2125072	0.63	cps
Sulfur	34-1	309487	309209	308311	309002	0.20	cps
Terbium	159-1	6918382	6763212	6845267	6842287	1.13	cps
Terbium	159-2	1182822	1173937	1163671	1173477	0.82	cps
Thallium	203-1	158	133	175	156	13.48	cps
Thallium	205-1	350	442	367	386	12.65	cps
Tin	118-1	1092	1200	1133	1142	4.79	cps
Titanium	47-1	192	200	325	239	31.28	cps
Uranium	238-1	875	967	950	931	5.25	cps
Vanadium	51-2	33	20	20	24	31.49	cps
Yttrium	89-1	4758018	4507194	4681555	4648922	2.77	cps
Yttrium	89-2	114478	113214	113077	113590	0.68	cps
Zinc	66-2	63	73	107	81	27.98	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01LX5	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 17:30:25	DataFile Name :	053SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	350	492	317	386	24.07	cps
Zirconium	91-1	42	108	83	78	43.30	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:39:54	DataFile Name :	054CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	157811	156935	154752	156499	1.01	cps
Antimony	121-1	3526584	3541134	3491726	3519815	0.72	cps
Arsenic	75-2	32269	31723	31840	31944	0.90	cps
Barium	135-1	3838134	3862903	3801685	3834240	0.80	cps
Barium	137-1	6598935	6671198	6625538	6631890	0.55	cps
Beryllium	9-1	319090	320986	318839	319638	0.37	cps
Bismuth	209-1	4910878	4878728	4837124	4875577	0.76	cps
Bismuth	209-2	1056959	1059929	1063063	1059984	0.29	cps
Boron	10-1	35787	37584	38711	37361	3.95	cps
Boron	11-1	167418	174946	174978	172447	2.53	cps
Cadmium	111-1	758112	759177	755322	757537	0.26	cps
Cadmium	106-1	77163	77750	76567	77160	0.77	cps
Cadmium	108-1	53050	53778	52837	53222	0.93	cps
Calcium	43-1	2944241	2959888	2945927	2950018	0.29	cps
Calcium	44-1	47367439	47796805	47723191	47629145	0.48	cps
Chromium	52-2	233595	230997	231769	232120	0.57	cps
Cobalt	59-2	513693	509359	509055	510702	0.51	cps
Copper	63-2	863724	861025	860914	861888	0.18	cps
Dysprosium	156-1	50	83	92	75	29.40	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	42	58	58	53	18.23	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	42	67	67	58	24.74	cps
Gadolinium	160-2	10	7	20	12	56.76	cps
Holmium	165-1	6964061	6969256	6885672	6939663	0.67	cps
Holmium	165-2	1299274	1301668	1303860	1301601	0.18	cps
Indium	115-1	5018914	5012414	4976952	5002760	0.45	cps
Indium	115-2	185585	186144	186847	186192	0.34	cps
Iron	56-2	37945237	37952894	37641698	37846610	0.47	cps
Iron	57-2	956409	943422	938970	946267	0.96	cps
Krypton	83-1	307	350	357	338	8.04	cps
Lead	206-1	2682751	2647061	2610977	2646930	1.36	cps
Lead	207-1	2413920	2442593	2411700	2422738	0.71	cps
Lead	208-1	10906839	10884027	10768953	10853273	0.68	cps
Lithium	6-1	690884	695689	690643	692406	0.41	cps
Magnesium	24-2	3868728	3844244	3802786	3838586	0.87	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:39:54	DataFile Name :	054CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	128962	127589	128134	128228	0.54	cps
Molybdenum	94-1	5533158	5583952	5528967	5548692	0.55	cps
Molybdenum	95-1	6690288	6700220	6773980	6721496	0.68	cps
Molybdenum	96-1	7517107	7525527	7487767	7510134	0.26	cps
Molybdenum	97-1	4262266	4235414	4247526	4248402	0.32	cps
Molybdenum	98-1	10900536	10877574	10894603	10890904	0.11	cps
Neodymium	150-1	253	100	153	169	46.09	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	149802	148421	148882	149035	0.47	cps
Phosphorus	31-2	2167	2225	2317	2236	3.38	cps
Potassium	39-2	1041421	1033509	1025762	1033564	0.76	cps
Rhodium	103-1	4449596	4429989	4401117	4426900	0.55	cps
Rhodium	103-2	1074438	1073785	1078765	1075663	0.25	cps
Scandium	45-1	2354452	2415752	2372609	2380938	1.32	cps
Scandium	45-2	16807	16884	16463	16718	1.34	cps
Selenium	77-2	240	230	203	224	8.45	cps
Selenium	78-2	769	694	676	713	6.87	cps
Selenium	82-1	42265	42145	41991	42133	0.33	cps
Silicon	28-1	1328598	1344049	1366018	1346222	1.40	cps
Silver	109-1	3295650	3319374	3311094	3308706	0.36	cps
Silver	107-1	3448949	3465076	3457863	3457296	0.23	cps
Sodium	23-2	8665299	8692546	8615522	8657789	0.45	cps
Strontium	86-1	863837	866343	861414	863865	0.29	cps
Strontium	88-1	7629838	7650945	7628703	7636495	0.16	cps
Sulfur	34-1	424951	428926	423246	425708	0.68	cps
Terbium	159-1	7077054	7019583	7082643	7059760	0.49	cps
Terbium	159-2	1238303	1236088	1237614	1237335	0.09	cps
Thallium	203-1	3212231	3212846	3194647	3206575	0.32	cps
Thallium	205-1	7571013	7643676	7499699	7571462	0.95	cps
Tin	118-1	2422203	2394335	2389583	2402040	0.73	cps
Titanium	47-1	1494196	1489516	1486858	1490190	0.25	cps
Uranium	238-1	11044036	10932324	10779971	10918777	1.21	cps
Vanadium	51-2	173603	172311	172186	172700	0.45	cps
Yttrium	89-1	5062127	5119254	5078212	5086531	0.58	cps
Yttrium	89-2	135336	134518	136865	135573	0.88	cps
Zinc	66-2	80140	78155	79500	79265	1.28	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV24	Instrumnet Name :	P8
Client Sample ID :	CCV24	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:39:54	DataFile Name :	054CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4602308	4624405	4612601	4613105	0.24	cps
Zirconium	91-1	1002772	1002208	1007219	1004066	0.27	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : CCB24 Instrumnet Name : P8
 Client Sample ID : CCB24 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:44:42 DataFile Name : 055CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	8	14	69.31	cps
Antimony	121-1	4784	5760	6860	5802	17.90	cps
Arsenic	75-2	15	11	15	14	15.77	cps
Barium	135-1	75	83	42	67	33.07	cps
Barium	137-1	142	117	100	119	17.56	cps
Beryllium	9-1	250	228	278	252	9.95	cps
Bismuth	209-1	5034614	5050087	5068239	5050980	0.33	cps
Bismuth	209-2	1096817	1101558	1100082	1099486	0.22	cps
Boron	10-1	2017	1800	1525	1781	13.84	cps
Boron	11-1	8128	7994	7727	7950	2.56	cps
Cadmium	111-1	587	702	590	626	10.49	cps
Cadmium	106-1	742	900	783	808	10.15	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	558	508	633	567	11.10	cps
Calcium	44-1	10438	10796	10454	10563	1.92	cps
Chromium	52-2	173	230	253	219	18.79	cps
Cobalt	59-2	53	37	27	39	34.63	cps
Copper	63-2	207	160	193	187	12.88	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	33	25	25	28	17.31	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	6857549	6879572	6836901	6858007	0.31	cps
Holmium	165-2	1274817	1281835	1284002	1280218	0.38	cps
Indium	115-1	5087380	5077911	5068428	5077906	0.19	cps
Indium	115-2	186755	186120	187695	186856	0.42	cps
Iron	56-2	2167	2234	1900	2100	8.40	cps
Iron	57-2	72	56	56	61	15.74	cps
Krypton	83-1	323	370	290	328	12.26	cps
Lead	206-1	372	306	383	354	11.89	cps
Lead	207-1	300	306	328	311	4.72	cps
Lead	208-1	1300	1345	1433	1359	4.99	cps
Lithium	6-1	710491	715894	719894	715426	0.66	cps
Magnesium	24-2	450	458	442	450	1.85	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : CCB24 Instrumnet Name : P8
 Client Sample ID : CCB24 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:44:42 DataFile Name : 055CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	13	13	13	0.00	cps
Molybdenum	94-1	1550	1859	2209	1872	17.59	cps
Molybdenum	95-1	2025	2292	3109	2475	22.81	cps
Molybdenum	96-1	2400	2934	3067	2800	12.60	cps
Molybdenum	97-1	1133	1525	2059	1572	29.53	cps
Molybdenum	98-1	2892	4434	4259	3862	21.86	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	390	330	313	344	11.71	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	1417	1433	1483	1445	2.40	cps
Rhodium	103-1	4621365	4578389	4597964	4599239	0.47	cps
Rhodium	103-2	1092598	1097874	1096212	1095561	0.25	cps
Scandium	45-1	2262454	2246777	2280748	2263326	0.75	cps
Scandium	45-2	15462	15302	15212	15325	0.83	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	21	-87	57	-3	-2429.91	cps
Silicon	28-1	255403	254287	254733	254808	0.22	cps
Silver	109-1	200	267	275	247	16.63	cps
Silver	107-1	308	217	267	264	17.39	cps
Sodium	23-2	4459	3851	4459	4256	8.25	cps
Strontium	86-1	508	683	658	617	15.35	cps
Strontium	88-1	500	358	300	386	26.64	cps
Sulfur	34-1	248659	252358	251889	250969	0.80	cps
Terbium	159-1	6943031	7028491	6981074	6984199	0.61	cps
Terbium	159-2	1219209	1211388	1215563	1215387	0.32	cps
Thallium	203-1	650	675	642	656	2.65	cps
Thallium	205-1	1525	1517	1575	1539	2.05	cps
Tin	118-1	1350	1575	1550	1492	8.27	cps
Titanium	47-1	92	175	267	178	49.24	cps
Uranium	238-1	333	325	225	294	20.48	cps
Vanadium	51-2	10	3	20	11	75.52	cps
Yttrium	89-1	4971760	4957346	5040601	4989902	0.89	cps
Yttrium	89-2	129012	128914	127753	128560	0.54	cps
Zinc	66-2	37	30	40	36	14.32	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB24	Instrumnet Name :	P8
Client Sample ID :	CCB24	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:44:42	DataFile Name :	055CCBE_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	900	808	983	897	9.76	cps
Zirconium	91-1	217	233	200	217	7.69	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01MS Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410M Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:48:05 DataFile Name : 056SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19998	20440	20132	20190	1.12	cps
Antimony	121-1	3052612	3051057	3055539	3053070	0.07	cps
Arsenic	75-2	23566	23694	23763	23675	0.42	cps
Barium	135-1	3610057	3652663	3656618	3639779	0.71	cps
Barium	137-1	6230215	6271057	6258025	6253099	0.33	cps
Beryllium	9-1	234615	228419	228400	230478	1.55	cps
Bismuth	209-1	4888111	4802284	4792523	4827639	1.09	cps
Bismuth	209-2	986655	993402	979125	986394	0.72	cps
Boron	10-1	45573	46008	46092	45891	0.61	cps
Boron	11-1	200118	206295	209798	205403	2.39	cps
Cadmium	111-1	588764	592000	588231	589665	0.35	cps
Cadmium	106-1	60051	60512	60729	60431	0.57	cps
Cadmium	108-1	40895	41372	41284	41184	0.62	cps
Calcium	43-1	2069807	2056703	2052312	2059608	0.44	cps
Calcium	44-1	33222996	32824084	32971441	33006174	0.61	cps
Chromium	52-2	163151	160963	161014	161709	0.77	cps
Cobalt	59-2	370446	369861	368731	369679	0.24	cps
Copper	63-2	665994	664683	663138	664605	0.22	cps
Dysprosium	156-1	108	150	150	136	17.67	cps
Dysprosium	156-2	13	3	13	10	57.75	cps
Erbium	164-1	3209	3042	2984	3078	3.79	cps
Erbium	164-2	533	517	453	501	8.42	cps
Gadolinium	160-1	292	392	267	317	20.89	cps
Gadolinium	160-2	50	63	47	53	16.53	cps
Holmium	165-1	6523006	6466290	6491107	6493468	0.44	cps
Holmium	165-2	1161138	1167523	1157385	1162015	0.44	cps
Indium	115-1	4460072	4426453	4446839	4444455	0.38	cps
Indium	115-2	148432	148570	147312	148105	0.47	cps
Iron	56-2	8128637	8074419	8006588	8069881	0.76	cps
Iron	57-2	200583	201125	198335	200014	0.74	cps
Krypton	83-1	303	367	340	337	9.45	cps
Lead	206-1	2418952	2422574	2404857	2415461	0.39	cps
Lead	207-1	2220084	2232743	2220812	2224546	0.32	cps
Lead	208-1	9938052	9976666	9949382	9954700	0.20	cps
Lithium	6-1	866833	879550	883678	876687	1.00	cps
Magnesium	24-2	727784	727808	721397	725663	0.51	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01MS Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410M Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:48:05 DataFile Name : 056SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	200361	201700	199157	200406	0.63	cps
Molybdenum	94-1	4542107	4517691	4586434	4548744	0.77	cps
Molybdenum	95-1	5554267	5559030	5619670	5577656	0.65	cps
Molybdenum	96-1	6203562	6246280	6280089	6243311	0.61	cps
Molybdenum	97-1	3521521	3505140	3516828	3514496	0.24	cps
Molybdenum	98-1	9081977	9028009	9043742	9051243	0.31	cps
Neodymium	150-1	160	180	227	189	18.11	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	108919	111210	109493	109874	1.08	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	175818	173041	175117	174659	0.83	cps
Rhodium	103-1	3936870	3937576	3999242	3957896	0.90	cps
Rhodium	103-2	902607	902276	895491	900125	0.45	cps
Scandium	45-1	1903173	1891147	1882837	1892386	0.54	cps
Scandium	45-2	11632	11722	11118	11490	2.84	cps
Selenium	77-2	173	130	160	154	14.37	cps
Selenium	78-2	437	530	494	487	9.60	cps
Selenium	82-1	34270	34292	34354	34305	0.13	cps
Silicon	28-1	16375299	16244458	16106120	16241959	0.83	cps
Silver	109-1	2884722	2861372	2846678	2864257	0.67	cps
Silver	107-1	2974569	2962822	2970836	2969409	0.20	cps
Sodium	23-2	2290155	2306285	2262798	2286412	0.96	cps
Strontium	86-1	1807010	1806937	1808732	1807560	0.06	cps
Strontium	88-1	15546973	15572633	15606474	15575360	0.19	cps
Sulfur	34-1	597529	592318	594488	594778	0.44	cps
Terbium	159-1	6516084	6618086	6585610	6573260	0.79	cps
Terbium	159-2	1092847	1102144	1093285	1096092	0.48	cps
Thallium	203-1	3027964	2981033	3023127	3010708	0.86	cps
Thallium	205-1	7142291	7120113	7186391	7149598	0.47	cps
Tin	118-1	1930059	2002484	1977829	1970124	1.87	cps
Titanium	47-1	1103056	1106446	1096229	1101911	0.47	cps
Uranium	238-1	10305940	10210593	10291917	10269483	0.50	cps
Vanadium	51-2	118123	118166	117393	117894	0.37	cps
Yttrium	89-1	4372904	4391110	4375845	4379953	0.22	cps
Yttrium	89-2	101789	102850	100060	101567	1.39	cps
Zinc	66-2	55223	55621	55280	55375	0.39	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01MS	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410M	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:48:05	DataFile Name :	056SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3808462	3857285	3833668	3833138	0.64	cps
Zirconium	91-1	829542	831612	828810	829988	0.18	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01MSD Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410M Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:51:21 DataFile Name : 057SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20816	20749	20641	20735	0.43	cps
Antimony	121-1	3205928	3186371	3175209	3189169	0.49	cps
Arsenic	75-2	24457	24379	24626	24487	0.52	cps
Barium	135-1	3785255	3775229	3778871	3779785	0.13	cps
Barium	137-1	6599054	6527772	6586065	6570963	0.58	cps
Beryllium	9-1	240024	238093	236471	238196	0.75	cps
Bismuth	209-1	4746423	4676376	4696180	4706326	0.77	cps
Bismuth	209-2	966910	953329	954532	958257	0.78	cps
Boron	10-1	44328	45607	47321	45752	3.28	cps
Boron	11-1	204945	213490	211797	210077	2.15	cps
Cadmium	111-1	624114	617822	620893	620943	0.51	cps
Cadmium	106-1	62914	62997	62897	62936	0.09	cps
Cadmium	108-1	43149	43846	43006	43334	1.04	cps
Calcium	43-1	2033292	2041285	2021485	2032021	0.49	cps
Calcium	44-1	32571451	32400204	31981758	32317804	0.94	cps
Chromium	52-2	168935	168729	168193	168619	0.23	cps
Cobalt	59-2	385456	384762	381229	383816	0.59	cps
Copper	63-2	695294	689032	691825	692050	0.45	cps
Dysprosium	156-1	142	133	117	131	9.75	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	3084	3092	3334	3170	4.48	cps
Erbium	164-2	507	493	543	514	5.03	cps
Gadolinium	160-1	267	308	167	247	29.45	cps
Gadolinium	160-2	30	70	57	52	39.00	cps
Holmium	165-1	6394427	6378756	6403681	6392288	0.20	cps
Holmium	165-2	1148466	1134696	1138791	1140651	0.62	cps
Indium	115-1	4371519	4366351	4371991	4369954	0.07	cps
Indium	115-2	144977	141038	142297	142770	1.41	cps
Iron	56-2	8178278	8095660	8118388	8130775	0.52	cps
Iron	57-2	205300	201912	202256	203156	0.92	cps
Krypton	83-1	293	333	293	307	7.53	cps
Lead	206-1	2566041	2566244	2543104	2558463	0.52	cps
Lead	207-1	2351522	2357143	2344430	2351032	0.27	cps
Lead	208-1	10589975	10585816	10485618	10553803	0.56	cps
Lithium	6-1	863925	863205	856459	861196	0.48	cps
Magnesium	24-2	700278	696122	692294	696231	0.57	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-01MSD Instrumnet Name : P8
 Client Sample ID : SS032MW008-180410M Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:51:21 DataFile Name : 057SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	201105	198339	200781	200075	0.76	cps
Molybdenum	94-1	4786805	4789808	4769720	4782111	0.23	cps
Molybdenum	95-1	5837010	5828375	5822791	5829392	0.12	cps
Molybdenum	96-1	6598430	6528985	6531370	6552928	0.60	cps
Molybdenum	97-1	3694352	3699401	3690559	3694771	0.12	cps
Molybdenum	98-1	9404307	9445044	9424815	9424722	0.22	cps
Neodymium	150-1	193	253	220	222	13.53	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	116367	114758	114455	115194	0.89	cps
Phosphorus	31-2	33	8	8	17	86.62	cps
Potassium	39-2	178643	176973	175507	177041	0.89	cps
Rhodium	103-1	3876911	3869627	3854817	3867118	0.29	cps
Rhodium	103-2	890116	879179	880969	883421	0.66	cps
Scandium	45-1	1849705	1846550	1843775	1846677	0.16	cps
Scandium	45-2	11335	11215	11452	11334	1.05	cps
Selenium	77-2	163	163	143	157	7.37	cps
Selenium	78-2	506	556	526	529	4.75	cps
Selenium	82-1	35849	36236	35689	35925	0.78	cps
Silicon	28-1	15752595	15825733	15728987	15769105	0.32	cps
Silver	109-1	3009793	3026220	3041124	3025712	0.52	cps
Silver	107-1	3082507	3113992	3101148	3099216	0.51	cps
Sodium	23-2	2250076	2243312	2233747	2242378	0.37	cps
Strontium	86-1	1823127	1822984	1845582	1830564	0.71	cps
Strontium	88-1	15768003	15714039	15808589	15763544	0.30	cps
Sulfur	34-1	578076	575201	571335	574871	0.59	cps
Terbium	159-1	6524917	6526431	6466603	6505984	0.52	cps
Terbium	159-2	1082449	1076377	1076450	1078425	0.32	cps
Thallium	203-1	3219156	3184868	3197280	3200435	0.54	cps
Thallium	205-1	7578700	7540671	7475381	7531584	0.69	cps
Tin	118-1	2056681	2052134	2054703	2054506	0.11	cps
Titanium	47-1	1140659	1146288	1140060	1142336	0.30	cps
Uranium	238-1	11021836	10950481	10865080	10945799	0.72	cps
Vanadium	51-2	123959	123267	122365	123197	0.65	cps
Yttrium	89-1	4272985	4279667	4309566	4287406	0.45	cps
Yttrium	89-2	100271	97082	96682	98011	2.01	cps
Zinc	66-2	58215	57164	58279	57886	1.08	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01MSD	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410M	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:51:21	DataFile Name :	057SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4025511	4027246	4023728	4025495	0.04	cps
Zirconium	91-1	872468	872090	873070	872543	0.06	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01A	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:54:36	DataFile Name :	058SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20390	19431	19489	19770	2.72	cps
Antimony	121-1	3045375	3014055	3028948	3029460	0.52	cps
Arsenic	75-2	23283	23450	23425	23386	0.39	cps
Barium	135-1	3612335	3629249	3621340	3620974	0.23	cps
Barium	137-1	6216752	6269300	6303297	6263116	0.70	cps
Beryllium	9-1	224091	223097	223091	223426	0.26	cps
Bismuth	209-1	4659852	4615711	4637451	4637672	0.48	cps
Bismuth	209-2	946934	950569	944734	947412	0.31	cps
Boron	10-1	42163	44403	43784	43450	2.66	cps
Boron	11-1	196208	203963	202723	200964	2.07	cps
Cadmium	111-1	588070	584210	592122	588134	0.67	cps
Cadmium	106-1	60394	60076	59465	59978	0.79	cps
Cadmium	108-1	42124	41263	41267	41552	1.19	cps
Calcium	43-1	1938317	1971891	1989403	1966537	1.32	cps
Calcium	44-1	31710917	31850036	31495553	31685502	0.56	cps
Chromium	52-2	160842	161350	161286	161159	0.17	cps
Cobalt	59-2	364304	364043	365752	364700	0.25	cps
Copper	63-2	661350	660709	661708	661256	0.08	cps
Dysprosium	156-1	92	92	92	92	0.00	cps
Dysprosium	156-2	13	17	20	17	20.01	cps
Erbium	164-1	2800	2800	2942	2848	2.87	cps
Erbium	164-2	497	473	483	484	2.42	cps
Gadolinium	160-1	342	442	358	381	14.08	cps
Gadolinium	160-2	43	33	43	40	14.43	cps
Holmium	165-1	6271086	6292891	6318908	6294295	0.38	cps
Holmium	165-2	1129527	1125795	1124528	1126617	0.23	cps
Indium	115-1	4280660	4301011	4352760	4311477	0.86	cps
Indium	115-2	143167	142891	142304	142787	0.31	cps
Iron	56-2	7864080	7843494	7856159	7854578	0.13	cps
Iron	57-2	192291	194014	196273	194193	1.03	cps
Krypton	83-1	403	317	330	350	13.33	cps
Lead	206-1	2402013	2449701	2435270	2428994	1.01	cps
Lead	207-1	2205131	2258726	2253981	2239279	1.32	cps
Lead	208-1	9956624	10079334	10031896	10022618	0.62	cps
Lithium	6-1	826541	821195	822901	823546	0.33	cps
Magnesium	24-2	699378	686362	693652	693131	0.94	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01A	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:54:36	DataFile Name :	058SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	193506	194429	194917	194284	0.37	cps
Molybdenum	94-1	4509271	4561086	4531489	4533949	0.57	cps
Molybdenum	95-1	5517452	5568843	5539850	5542048	0.46	cps
Molybdenum	96-1	6208939	6231146	6257673	6232586	0.39	cps
Molybdenum	97-1	3500013	3517440	3500981	3506145	0.28	cps
Molybdenum	98-1	8996394	9004111	8986195	8995567	0.10	cps
Neodymium	150-1	160	193	140	164	16.38	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	108472	109667	109382	109173	0.57	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	169331	168995	170115	169480	0.34	cps
Rhodium	103-1	3812683	3847058	3839932	3833225	0.47	cps
Rhodium	103-2	872023	872319	868912	871085	0.22	cps
Scandium	45-1	1799394	1805261	1811513	1805389	0.34	cps
Scandium	45-2	11388	11181	10714	11095	3.11	cps
Selenium	77-2	163	160	153	159	3.20	cps
Selenium	78-2	457	487	491	478	3.82	cps
Selenium	82-1	33895	34203	34327	34142	0.65	cps
Silicon	28-1	15376053	15393913	15473748	15414571	0.34	cps
Silver	109-1	2870204	2862575	2878374	2870384	0.28	cps
Silver	107-1	2943237	2968004	2932105	2947782	0.62	cps
Sodium	23-2	2222046	2192263	2217573	2210627	0.73	cps
Strontium	86-1	1765778	1796140	1792274	1784730	0.93	cps
Strontium	88-1	15203582	15348929	15267647	15273386	0.48	cps
Sulfur	34-1	565391	560100	561476	562322	0.49	cps
Terbium	159-1	6355066	6381067	6383305	6373146	0.25	cps
Terbium	159-2	1062346	1059138	1061352	1060945	0.15	cps
Thallium	203-1	3015158	3042753	3062716	3040209	0.79	cps
Thallium	205-1	7124695	7197347	7159399	7160480	0.51	cps
Tin	118-1	1940310	1941487	1941038	1940945	0.03	cps
Titanium	47-1	1077475	1080880	1078577	1078977	0.16	cps
Uranium	238-1	10328355	10385822	10389922	10368033	0.33	cps
Vanadium	51-2	116624	115803	116325	116251	0.36	cps
Yttrium	89-1	4183779	4263312	4274115	4240402	1.16	cps
Yttrium	89-2	97230	97965	96545	97246	0.73	cps
Zinc	66-2	54236	54651	55370	54752	1.05	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-01A	Instrumnet Name :	P8
Client Sample ID :	SS032MW008-180410A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:54:36	DataFile Name :	058SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3775136	3853445	3821367	3816649	1.03	cps
Zirconium	91-1	821285	824976	819526	821929	0.34	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-02 Instrumnet Name : P8
 Client Sample ID : LF012MW003-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 17:57:52 DataFile Name : 059SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	42	142	89	56.51	cps
Antimony	121-1	8353	9387	10421	9387	11.02	cps
Arsenic	75-2	67	70	61	66	7.06	cps
Barium	135-1	146199	148567	149469	148078	1.14	cps
Barium	137-1	251936	256680	255688	254768	0.98	cps
Beryllium	9-1	333	400	422	385	12.01	cps
Bismuth	209-1	4774985	4835389	4842282	4817552	0.77	cps
Bismuth	209-2	1007123	1002165	996819	1002036	0.51	cps
Boron	10-1	26876	27561	28688	27708	3.30	cps
Boron	11-1	125789	131036	133003	129943	2.87	cps
Cadmium	111-1	828	846	1027	900	12.26	cps
Cadmium	106-1	758	783	917	820	10.39	cps
Cadmium	108-1	58	33	21	37	50.92	cps
Calcium	43-1	1912193	1945411	1950836	1936147	1.08	cps
Calcium	44-1	30397316	31119459	31276767	30931181	1.52	cps
Chromium	52-2	6452	6428	6362	6414	0.73	cps
Cobalt	59-2	970	1073	950	998	6.63	cps
Copper	63-2	1643	1647	1527	1606	4.26	cps
Dysprosium	156-1	108	92	100	100	8.33	cps
Dysprosium	156-2	10	30	17	19	53.91	cps
Erbium	164-1	142	92	83	106	29.89	cps
Erbium	164-2	20	10	23	18	39.03	cps
Gadolinium	160-1	92	133	100	108	20.35	cps
Gadolinium	160-2	23	17	23	21	18.21	cps
Holmium	165-1	6499095	6615298	6651618	6588670	1.21	cps
Holmium	165-2	1186474	1189999	1184051	1186841	0.25	cps
Indium	115-1	4547433	4616724	4697738	4620631	1.63	cps
Indium	115-2	155510	156440	157101	156350	0.51	cps
Iron	56-2	222734	222034	221356	222041	0.31	cps
Iron	57-2	5590	5762	5762	5705	1.74	cps
Krypton	83-1	333	387	307	342	11.90	cps
Lead	206-1	1350	1233	1089	1224	10.69	cps
Lead	207-1	1050	1033	1050	1045	0.92	cps
Lead	208-1	4985	4595	4584	4721	4.83	cps
Lithium	6-1	833478	845003	846568	841683	0.85	cps
Magnesium	24-2	281762	284976	285834	284191	0.76	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-02	Instrumnet Name :	P8
Client Sample ID :	LF012MW003-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:57:52	DataFile Name :	059SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16887	16930	17011	16943	0.37	cps
Molybdenum	94-1	4443	5143	5218	4934	8.67	cps
Molybdenum	95-1	5401	6085	6027	5838	6.49	cps
Molybdenum	96-1	6102	6669	7586	6785	11.04	cps
Molybdenum	97-1	3359	4101	4034	3831	10.71	cps
Molybdenum	98-1	8920	9912	10630	9821	8.74	cps
Neodymium	150-1	133	140	200	158	23.27	cps
Neodymium	150-2	10	17	27	18	47.19	cps
Nickel	60-2	5094	4768	5031	4964	3.49	cps
Phosphorus	31-2	0	17	17	11	86.60	cps
Potassium	39-2	43886	43794	43142	43607	0.93	cps
Rhodium	103-1	3947622	3989375	4111106	4016034	2.12	cps
Rhodium	103-2	932055	929286	932890	931410	0.20	cps
Scandium	45-1	1853613	1909833	1957102	1906849	2.72	cps
Scandium	45-2	12069	11985	11798	11951	1.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	9	0	3	173.21	cps
Selenium	82-1	147	29	109	95	63.04	cps
Silicon	28-1	15268800	15774682	15717323	15586935	1.78	cps
Silver	109-1	642	542	542	575	10.04	cps
Silver	107-1	567	675	683	642	10.14	cps
Sodium	23-2	1714682	1721416	1760786	1732294	1.44	cps
Strontium	86-1	1456404	1515700	1479333	1483812	2.02	cps
Strontium	88-1	12567840	12939816	12903693	12803783	1.60	cps
Sulfur	34-1	725326	732940	734723	730996	0.68	cps
Terbium	159-1	6565491	6625254	6834046	6674930	2.11	cps
Terbium	159-2	1120624	1122735	1119347	1120902	0.15	cps
Thallium	203-1	1826	1367	1433	1542	16.08	cps
Thallium	205-1	3517	3276	3476	3423	3.78	cps
Tin	118-1	28323	25676	25116	26371	6.49	cps
Titanium	47-1	692	767	783	747	6.54	cps
Uranium	238-1	70952	71413	72997	71788	1.49	cps
Vanadium	51-2	267	233	250	250	6.67	cps
Yttrium	89-1	4319819	4445776	4529280	4431625	2.38	cps
Yttrium	89-2	104852	104603	105027	104827	0.20	cps
Zinc	66-2	173	197	207	192	8.90	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-02	Instrumnet Name :	P8
Client Sample ID :	LF012MW003-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 17:57:52	DataFile Name :	059SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3351	3184	3351	3295	2.92	cps
Zirconium	91-1	917	892	733	847	11.73	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-03 Instrumnet Name : P8
 Client Sample ID : LF012MW144-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 18:01:15 DataFile Name : 060SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	25	17	50.01	cps
Antimony	121-1	8953	9145	9312	9137	1.96	cps
Arsenic	75-2	187	185	180	184	2.10	cps
Barium	135-1	212276	211507	209745	211176	0.61	cps
Barium	137-1	370022	368087	370108	369405	0.31	cps
Beryllium	9-1	322	356	294	324	9.44	cps
Bismuth	209-1	4786303	4878138	4845386	4836609	0.96	cps
Bismuth	209-2	1003026	993990	1005708	1000908	0.61	cps
Boron	10-1	24063	25356	24180	24533	2.92	cps
Boron	11-1	110204	113613	115086	112968	2.22	cps
Cadmium	111-1	537	546	519	534	2.58	cps
Cadmium	106-1	608	650	667	642	4.68	cps
Cadmium	108-1	8	25	21	18	48.05	cps
Calcium	43-1	1789302	1814463	1750714	1784827	1.80	cps
Calcium	44-1	28851465	29011044	29079241	28980584	0.40	cps
Chromium	52-2	990	1047	1020	1019	2.78	cps
Cobalt	59-2	1287	1167	1170	1208	5.66	cps
Copper	63-2	693	740	683	706	4.29	cps
Dysprosium	156-1	50	50	0	33	86.60	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Gadolinium	160-2	0	17	7	8	107.84	cps
Holmium	165-1	6556313	6697573	6616139	6623342	1.07	cps
Holmium	165-2	1186415	1184276	1182668	1184453	0.16	cps
Indium	115-1	4683324	4684492	4684393	4684070	0.01	cps
Indium	115-2	157720	156940	157300	157320	0.25	cps
Iron	56-2	416316	416178	416173	416222	0.02	cps
Iron	57-2	10449	10232	10315	10332	1.06	cps
Krypton	83-1	370	323	323	339	7.95	cps
Lead	206-1	895	1006	917	939	6.26	cps
Lead	207-1	767	917	945	876	10.92	cps
Lead	208-1	3778	4089	3939	3936	3.95	cps
Lithium	6-1	827917	831243	824545	827902	0.40	cps
Magnesium	24-2	261164	263437	260119	261573	0.65	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-03	Instrumnet Name :	P8
Client Sample ID :	LF012MW144-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:01:15	DataFile Name :	060SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70564	69187	69740	69830	0.99	cps
Molybdenum	94-1	2484	2475	2859	2606	8.40	cps
Molybdenum	95-1	3776	3459	3926	3720	6.41	cps
Molybdenum	96-1	3767	4309	4501	4193	9.07	cps
Molybdenum	97-1	2134	2342	2442	2306	6.82	cps
Molybdenum	98-1	5760	6135	6293	6063	4.52	cps
Neodymium	150-1	33	60	47	47	28.58	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1177	1253	1250	1227	3.53	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	37727	37050	37342	37373	0.91	cps
Rhodium	103-1	4043463	4085438	4113878	4080926	0.87	cps
Rhodium	103-2	939228	934737	938718	937561	0.26	cps
Scandium	45-1	1927376	1963401	1933113	1941297	1.00	cps
Scandium	45-2	12292	12189	12326	12269	0.58	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	47	59	111	73	46.78	cps
Silicon	28-1	15185572	15014498	14943544	15047871	0.83	cps
Silver	109-1	642	550	475	556	15.03	cps
Silver	107-1	392	550	492	478	16.76	cps
Sodium	23-2	1765517	1779096	1745388	1763333	0.96	cps
Strontium	86-1	1481768	1490147	1506915	1492944	0.86	cps
Strontium	88-1	12735098	12688663	12772940	12732234	0.33	cps
Sulfur	34-1	744182	744180	739255	742539	0.38	cps
Terbium	159-1	6666671	6728174	6696736	6697193	0.46	cps
Terbium	159-2	1121804	1111649	1117477	1116977	0.46	cps
Thallium	203-1	933	1158	967	1020	11.91	cps
Thallium	205-1	2367	2284	2484	2378	4.23	cps
Tin	118-1	15518	14976	15943	15479	3.13	cps
Titanium	47-1	625	617	608	617	1.35	cps
Uranium	238-1	57693	58044	57601	57779	0.40	cps
Vanadium	51-2	287	327	293	302	7.09	cps
Yttrium	89-1	4497191	4510695	4546596	4518160	0.57	cps
Yttrium	89-2	105134	104372	104959	104822	0.38	cps
Zinc	66-2	290	170	263	241	26.14	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-03	Instrumnet Name :	P8
Client Sample ID :	LF012MW144-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:01:15	DataFile Name :	060SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1592	1325	1575	1497	9.98	cps
Zirconium	91-1	367	625	383	458	31.58	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0440-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:04:38	DataFile Name :	061SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	42	25	57.73	cps
Antimony	121-1	8011	9379	9537	8976	9.35	cps
Arsenic	75-2	193	176	178	182	5.02	cps
Barium	135-1	222039	224200	227058	224433	1.12	cps
Barium	137-1	391036	394158	395237	393477	0.55	cps
Beryllium	9-1	283	217	189	230	21.14	cps
Bismuth	209-1	4843132	4751274	4294449	4629618	6.35	cps
Bismuth	209-2	997302	1002588	998279	999390	0.28	cps
Boron	10-1	24722	24998	25590	25103	1.77	cps
Boron	11-1	115186	116950	118301	116812	1.34	cps
Cadmium	111-1	638	562	463	554	15.88	cps
Cadmium	106-1	858	733	592	728	18.33	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	1889655	1891003	1909876	1896845	0.60	cps
Calcium	44-1	30472859	30683930	30808254	30655014	0.55	cps
Chromium	52-2	903	950	843	899	5.95	cps
Cobalt	59-2	1220	1167	1277	1221	4.51	cps
Copper	63-2	703	700	763	722	4.94	cps
Dysprosium	156-1	75	75	42	64	30.12	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	58	25	25	36	53.30	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	58	25	17	33	66.14	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	6646019	6599758	5860020	6368599	6.93	cps
Holmium	165-2	1174737	1190723	1179541	1181667	0.69	cps
Indium	115-1	4648873	4641782	4185186	4491947	5.91	cps
Indium	115-2	156466	156824	157948	157079	0.49	cps
Iron	56-2	416431	414445	413557	414811	0.35	cps
Iron	57-2	10693	10410	10132	10412	2.70	cps
Krypton	83-1	320	357	347	341	5.56	cps
Lead	206-1	900	795	867	854	6.32	cps
Lead	207-1	811	722	583	706	16.27	cps
Lead	208-1	3539	3339	3228	3369	4.68	cps
Lithium	6-1	816197	816813	764212	799074	3.78	cps
Magnesium	24-2	277041	278979	277797	277939	0.35	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0440-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:04:38	DataFile Name :	061SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73040	73760	73154	73318	0.53	cps
Molybdenum	94-1	2284	2325	2525	2378	5.43	cps
Molybdenum	95-1	2867	3259	3517	3214	10.18	cps
Molybdenum	96-1	3392	3342	3709	3481	5.71	cps
Molybdenum	97-1	2117	2050	2150	2106	2.42	cps
Molybdenum	98-1	4935	5168	5626	5243	6.71	cps
Neodymium	150-1	47	40	47	44	8.66	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1200	1113	1177	1163	3.86	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	38729	39699	39147	39192	1.24	cps
Rhodium	103-1	4120287	4103990	3674835	3966371	6.37	cps
Rhodium	103-2	936398	938826	936078	937101	0.16	cps
Scandium	45-1	1946156	1940376	1738505	1875012	6.31	cps
Scandium	45-2	11829	11975	12092	11965	1.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	4	3	91.69	cps
Selenium	82-1	121	109	53	94	38.15	cps
Silicon	28-1	15849068	15882226	15688683	15806659	0.65	cps
Silver	109-1	400	342	375	372	7.86	cps
Silver	107-1	458	417	342	406	14.58	cps
Sodium	23-2	1862529	1858641	1853326	1858165	0.25	cps
Strontium	86-1	1577763	1558590	1561258	1565871	0.66	cps
Strontium	88-1	13381535	13477542	13506720	13455266	0.49	cps
Sulfur	34-1	778216	774800	771698	774905	0.42	cps
Terbium	159-1	6781202	6703730	5977256	6487396	6.84	cps
Terbium	159-2	1114233	1116501	1117940	1116225	0.17	cps
Thallium	203-1	917	867	825	870	5.28	cps
Thallium	205-1	2067	2075	2034	2059	1.07	cps
Tin	118-1	12231	12415	12289	12312	0.76	cps
Titanium	47-1	642	550	675	622	10.40	cps
Uranium	238-1	60590	60439	61134	60721	0.60	cps
Vanadium	51-2	397	350	343	363	8.00	cps
Yttrium	89-1	4486728	4505483	4045878	4346030	5.98	cps
Yttrium	89-2	104885	106145	104969	105333	0.67	cps
Zinc	66-2	313	253	303	290	11.08	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-04	Instrumnet Name :	P8
Client Sample ID :	DUP-0440-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:04:38	DataFile Name :	061SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1133	1083	1225	1147	6.27	cps
Zirconium	91-1	367	242	400	336	24.83	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-05	Instrumnet Name :	P8
Client Sample ID :	LF012RW164-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:08:00	DataFile Name :	062SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	33	8	42	91.66	cps
Antimony	121-1	7861	8136	8270	8089	2.58	cps
Arsenic	75-2	104	87	98	96	8.81	cps
Barium	135-1	161498	162098	162384	161993	0.28	cps
Barium	137-1	279519	282882	282356	281586	0.64	cps
Beryllium	9-1	183	211	206	200	7.35	cps
Bismuth	209-1	4916283	4879684	4889763	4895243	0.39	cps
Bismuth	209-2	1000932	997150	1005078	1001053	0.40	cps
Boron	10-1	24004	25048	25941	24998	3.88	cps
Boron	11-1	114941	117857	119537	117445	1.98	cps
Cadmium	111-1	461	674	511	549	20.29	cps
Cadmium	106-1	600	858	683	714	18.47	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Calcium	43-1	1772896	1765713	1769336	1769315	0.20	cps
Calcium	44-1	28368011	28267738	28221075	28285608	0.27	cps
Chromium	52-2	250	357	347	318	18.54	cps
Cobalt	59-2	490	540	570	533	7.58	cps
Copper	63-2	1313	1333	1373	1340	2.28	cps
Dysprosium	156-1	58	42	50	50	16.67	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	117	25	50	64	74.17	cps
Erbium	164-2	20	10	7	12	56.76	cps
Gadolinium	160-1	58	42	42	47	20.38	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	6690468	6641054	6742088	6691203	0.76	cps
Holmium	165-2	1183370	1177761	1185454	1182195	0.34	cps
Indium	115-1	4719423	4781687	4743474	4748195	0.66	cps
Indium	115-2	158217	155468	157047	156911	0.88	cps
Iron	56-2	107852	107730	108888	108157	0.59	cps
Iron	57-2	2773	2795	2750	2773	0.80	cps
Krypton	83-1	363	363	290	339	12.49	cps
Lead	206-1	1372	1617	1711	1567	11.16	cps
Lead	207-1	1239	1489	1450	1393	9.66	cps
Lead	208-1	5645	6468	6590	6234	8.24	cps
Lithium	6-1	820196	819143	819266	819535	0.07	cps
Magnesium	24-2	283464	281010	282657	282377	0.44	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-05	Instrumnet Name :	P8
Client Sample ID :	LF012RW164-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:08:00	DataFile Name :	062SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23614	22799	23156	23189	1.76	cps
Molybdenum	94-1	1342	1442	1383	1389	3.62	cps
Molybdenum	95-1	1684	1775	1875	1778	5.39	cps
Molybdenum	96-1	1992	1975	1942	1970	1.29	cps
Molybdenum	97-1	1158	1267	1208	1211	4.48	cps
Molybdenum	98-1	3009	2867	2859	2912	2.90	cps
Neodymium	150-1	47	67	67	60	19.24	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	913	800	900	871	7.11	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	40869	39908	39748	40175	1.51	cps
Rhodium	103-1	4123566	4143025	4127613	4131401	0.25	cps
Rhodium	103-2	941439	934822	944110	940124	0.51	cps
Scandium	45-1	1930548	1974552	1953206	1952768	1.13	cps
Scandium	45-2	11805	11825	11838	11823	0.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	42	91	91	75	38.36	cps
Silicon	28-1	16945658	16995806	16802379	16914614	0.59	cps
Silver	109-1	325	308	308	314	3.07	cps
Silver	107-1	392	375	442	403	8.61	cps
Sodium	23-2	1700460	1690103	1702656	1697740	0.39	cps
Strontium	86-1	1639268	1647285	1644964	1643839	0.25	cps
Strontium	88-1	14100269	14080016	14054397	14078227	0.16	cps
Sulfur	34-1	726881	727929	730781	728531	0.28	cps
Terbium	159-1	6756499	6760044	6818197	6778247	0.51	cps
Terbium	159-2	1122497	1111626	1122050	1118725	0.55	cps
Thallium	203-1	325	433	600	453	30.60	cps
Thallium	205-1	1133	1058	1033	1075	4.84	cps
Tin	118-1	10563	10079	10179	10274	2.49	cps
Titanium	47-1	542	558	492	531	6.54	cps
Uranium	238-1	67023	67300	67735	67353	0.53	cps
Vanadium	51-2	77	100	50	76	33.11	cps
Yttrium	89-1	4549106	4545815	4564821	4553247	0.22	cps
Yttrium	89-2	105221	104906	104291	104806	0.45	cps
Zinc	66-2	2117	2294	2164	2191	4.18	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-05	Instrumnet Name :	P8
Client Sample ID :	LF012RW164-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:08:00	DataFile Name :	062SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	842	808	725	792	7.59	cps
Zirconium	91-1	258	275	225	253	10.07	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-06	Instrumnet Name :	P8
Client Sample ID :	LF012MW031-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:11:23	DataFile Name :	063SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	25	36	35.25	cps
Antimony	121-1	7186	8145	8186	7839	7.22	cps
Arsenic	75-2	380	387	357	375	4.12	cps
Barium	135-1	213241	214747	215493	214493	0.53	cps
Barium	137-1	375419	371734	379886	375680	1.09	cps
Beryllium	9-1	161	156	178	165	7.02	cps
Bismuth	209-1	4760326	4736143	4804361	4766943	0.73	cps
Bismuth	209-2	985117	974822	981064	980334	0.53	cps
Boron	10-1	24730	25716	26200	25549	2.93	cps
Boron	11-1	117949	119435	123360	120248	2.32	cps
Cadmium	111-1	578	539	590	569	4.70	cps
Cadmium	106-1	708	675	750	711	5.28	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	1699971	1713179	1703471	1705540	0.40	cps
Calcium	44-1	27538157	27508250	27364133	27470180	0.34	cps
Chromium	52-2	1107	1017	1047	1057	4.34	cps
Cobalt	59-2	1233	1090	1297	1207	8.78	cps
Copper	63-2	637	580	670	629	7.24	cps
Dysprosium	156-1	17	42	42	33	43.30	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	58	50	33	47	26.97	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	17	58	50	42	52.91	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	6495330	6444715	6573348	6504464	1.00	cps
Holmium	165-2	1166935	1150850	1160266	1159351	0.70	cps
Indium	115-1	4583315	4584233	4668660	4612069	1.06	cps
Indium	115-2	152875	151992	152267	152378	0.30	cps
Iron	56-2	913594	907677	904064	908445	0.53	cps
Iron	57-2	22836	22480	22574	22630	0.82	cps
Krypton	83-1	303	407	403	371	15.82	cps
Lead	206-1	744	739	822	769	6.06	cps
Lead	207-1	789	711	722	741	5.68	cps
Lead	208-1	2939	3072	3195	3069	4.17	cps
Lithium	6-1	789194	788489	789794	789159	0.08	cps
Magnesium	24-2	263744	262169	263277	263063	0.31	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-06	Instrumnet Name :	P8
Client Sample ID :	LF012MW031-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:11:23	DataFile Name :	063SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80882	79602	79618	80034	0.92	cps
Molybdenum	94-1	2259	1909	2267	2145	9.54	cps
Molybdenum	95-1	2817	3017	2842	2892	3.77	cps
Molybdenum	96-1	3076	3326	3192	3198	3.91	cps
Molybdenum	97-1	1909	2117	1592	1872	14.12	cps
Molybdenum	98-1	4451	4584	4459	4498	1.66	cps
Neodymium	150-1	33	47	73	51	39.86	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	943	1083	1077	1035	7.63	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	23487	23579	22544	23203	2.47	cps
Rhodium	103-1	4016519	4040606	4023666	4026930	0.31	cps
Rhodium	103-2	923822	914359	919604	919262	0.52	cps
Scandium	45-1	1881343	1894395	1897883	1891207	0.46	cps
Scandium	45-2	11455	11472	11678	11535	1.08	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	78	4	34	39	95.75	cps
Silicon	28-1	15420135	15369193	15342835	15377388	0.26	cps
Silver	109-1	250	300	375	308	20.40	cps
Silver	107-1	333	392	375	367	8.19	cps
Sodium	23-2	1877889	1866912	1844951	1863251	0.90	cps
Strontium	86-1	1443937	1394429	1392125	1410164	2.08	cps
Strontium	88-1	12450506	12332055	12235757	12339439	0.87	cps
Sulfur	34-1	738806	728191	727286	731428	0.88	cps
Terbium	159-1	6580248	6616227	6601718	6599398	0.27	cps
Terbium	159-2	1098826	1090104	1088441	1092457	0.51	cps
Thallium	203-1	367	517	492	458	17.53	cps
Thallium	205-1	1025	1092	992	1036	4.91	cps
Tin	118-1	9128	8870	9412	9137	2.97	cps
Titanium	47-1	400	392	625	472	28.03	cps
Uranium	238-1	50068	50755	50503	50442	0.69	cps
Vanadium	51-2	190	180	197	189	4.44	cps
Yttrium	89-1	4423059	4414107	4467442	4434869	0.64	cps
Yttrium	89-2	102874	101823	102044	102247	0.54	cps
Zinc	66-2	193	213	203	203	4.92	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-06	Instrumnet Name :	P8
Client Sample ID :	LF012MW031-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:11:23	DataFile Name :	063SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1125	1150	1067	1114	3.84	cps
Zirconium	91-1	200	325	308	278	24.44	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-07	Instrumnet Name :	P8
Client Sample ID :	LF012MW033-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:14:46	DataFile Name :	064SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	33	22	43.28	cps
Antimony	121-1	6719	6777	6969	6822	1.92	cps
Arsenic	75-2	1220	1156	1135	1170	3.80	cps
Barium	135-1	485856	489227	491067	488717	0.54	cps
Barium	137-1	857817	851100	856069	854995	0.41	cps
Beryllium	9-1	150	189	183	174	12.08	cps
Bismuth	209-1	4775126	4533625	4759134	4689295	2.88	cps
Bismuth	209-2	981347	971865	975680	976297	0.49	cps
Boron	10-1	19514	20115	19865	19831	1.52	cps
Boron	11-1	89722	92087	91768	91193	1.41	cps
Cadmium	111-1	510	609	574	564	8.92	cps
Cadmium	106-1	675	775	758	736	7.28	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Calcium	43-1	1638448	1647506	1664736	1650230	0.81	cps
Calcium	44-1	26547324	26691304	26724580	26654402	0.35	cps
Chromium	52-2	303	330	337	323	5.46	cps
Cobalt	59-2	297	307	367	323	11.71	cps
Copper	63-2	500	457	490	482	4.71	cps
Dysprosium	156-1	33	42	8	28	62.46	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	67	58	67	64	7.53	cps
Gadolinium	160-2	3	13	17	11	62.48	cps
Holmium	165-1	6508721	6132784	6496541	6379349	3.35	cps
Holmium	165-2	1143570	1140274	1142526	1142123	0.15	cps
Indium	115-1	4547181	4311718	4499279	4452726	2.79	cps
Indium	115-2	148501	147171	146991	147554	0.56	cps
Iron	56-2	2836357	2836357	2807938	2826884	0.58	cps
Iron	57-2	68300	70679	68730	69236	1.83	cps
Krypton	83-1	303	343	317	321	6.34	cps
Lead	206-1	1178	1350	1272	1267	6.81	cps
Lead	207-1	1061	1139	1028	1076	5.30	cps
Lead	208-1	4806	5189	4928	4975	3.94	cps
Lithium	6-1	783189	762109	778661	774653	1.43	cps
Magnesium	24-2	212911	210150	211898	211653	0.66	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-07	Instrumnet Name :	P8
Client Sample ID :	LF012MW033-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:14:46	DataFile Name :	064SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87394	88542	87489	87809	0.73	cps
Molybdenum	94-1	1934	1992	2200	2042	6.87	cps
Molybdenum	95-1	2809	2667	3209	2895	9.71	cps
Molybdenum	96-1	3251	3184	3717	3384	8.59	cps
Molybdenum	97-1	1767	2000	2242	2003	11.86	cps
Molybdenum	98-1	4909	5059	5151	5040	2.42	cps
Neodymium	150-1	33	60	87	60	44.45	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	500	480	503	494	2.55	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	39439	39967	39456	39621	0.76	cps
Rhodium	103-1	3959765	3756034	3983219	3899673	3.20	cps
Rhodium	103-2	899573	894812	895922	896769	0.28	cps
Scandium	45-1	1894793	1780007	1864217	1846339	3.22	cps
Scandium	45-2	10881	11345	11171	11132	2.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	67	-5	110	57	101.52	cps
Silicon	28-1	14981826	15019959	15004491	15002092	0.13	cps
Silver	109-1	400	342	308	350	13.26	cps
Silver	107-1	325	325	292	314	6.13	cps
Sodium	23-2	1142977	1131464	1114064	1129502	1.29	cps
Strontium	86-1	1109014	1121991	1115746	1115584	0.58	cps
Strontium	88-1	9822956	9813488	9892167	9842870	0.44	cps
Sulfur	34-1	631906	636032	636390	634776	0.39	cps
Terbium	159-1	6648724	6230427	6607610	6495587	3.55	cps
Terbium	159-2	1082881	1075144	1077244	1078423	0.37	cps
Thallium	203-1	325	250	250	275	15.75	cps
Thallium	205-1	633	825	808	756	14.05	cps
Tin	118-1	8019	8378	9045	8481	6.14	cps
Titanium	47-1	417	533	492	481	12.31	cps
Uranium	238-1	4184	4259	4593	4345	5.00	cps
Vanadium	51-2	50	70	63	61	16.66	cps
Yttrium	89-1	4325521	4141186	4325240	4263983	2.49	cps
Yttrium	89-2	98586	98576	98939	98700	0.21	cps
Zinc	66-2	213	190	237	213	10.94	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-07	Instrumnet Name :	P8
Client Sample ID :	LF012MW033-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:14:46	DataFile Name :	064SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1025	1200	950	1058	12.12	cps
Zirconium	91-1	167	317	250	244	30.75	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-08 Instrumnet Name : P8
 Client Sample ID : SS032MW001-180411 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 18:18:08 DataFile Name : 065SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	8	8	100.02	cps
Antimony	121-1	7277	7728	7911	7639	4.27	cps
Arsenic	75-2	26	30	17	24	27.73	cps
Barium	135-1	162807	164762	164923	164164	0.72	cps
Barium	137-1	292034	288710	293193	291312	0.80	cps
Beryllium	9-1	172	206	167	181	11.59	cps
Bismuth	209-1	4679668	4709540	4706519	4698576	0.35	cps
Bismuth	209-2	961639	960515	954967	959040	0.37	cps
Boron	10-1	18629	20015	19272	19305	3.59	cps
Boron	11-1	89512	91148	91055	90572	1.01	cps
Cadmium	111-1	500	504	503	502	0.43	cps
Cadmium	106-1	683	633	675	664	4.03	cps
Cadmium	108-1	17	8	4	10	65.47	cps
Calcium	43-1	1163886	1154619	1156477	1158327	0.42	cps
Calcium	44-1	19100617	18924468	18888784	18971290	0.60	cps
Chromium	52-2	477	453	517	482	6.64	cps
Cobalt	59-2	57	67	47	57	17.65	cps
Copper	63-2	560	567	517	548	4.96	cps
Dysprosium	156-1	33	42	33	36	13.33	cps
Dysprosium	156-2	10	0	17	9	94.38	cps
Erbium	164-1	33	33	8	25	57.74	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	42	33	33	36	13.33	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	6287423	6289344	6372863	6316543	0.77	cps
Holmium	165-2	1123313	1119797	1121663	1121591	0.16	cps
Indium	115-1	4430632	4461568	4521826	4471342	1.04	cps
Indium	115-2	147402	146685	145663	146583	0.60	cps
Iron	56-2	5490	5718	5651	5620	2.08	cps
Iron	57-2	139	128	139	135	4.74	cps
Krypton	83-1	277	293	263	278	5.41	cps
Lead	206-1	917	1033	1017	989	6.38	cps
Lead	207-1	767	989	800	852	14.07	cps
Lead	208-1	3739	3967	3823	3843	3.00	cps
Lithium	6-1	767140	765760	762522	765141	0.31	cps
Magnesium	24-2	266943	264136	262606	264562	0.83	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-08 Instrumnet Name : P8
 Client Sample ID : SS032MW001-180411 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 18:18:08 DataFile Name : 065SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	107	110	103	8.53	cps
Molybdenum	94-1	1308	1725	1717	1583	15.04	cps
Molybdenum	95-1	1967	2267	2067	2100	7.27	cps
Molybdenum	96-1	2459	2467	2525	2484	1.46	cps
Molybdenum	97-1	1358	1484	1442	1428	4.46	cps
Molybdenum	98-1	3392	3584	4042	3673	9.10	cps
Neodymium	150-1	60	27	40	42	39.73	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	457	380	453	430	10.08	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	8995	9537	9228	9253	2.94	cps
Rhodium	103-1	3894399	3918190	3900081	3904223	0.32	cps
Rhodium	103-2	888782	888667	881813	886420	0.45	cps
Scandium	45-1	1806627	1808812	1810206	1808548	0.10	cps
Scandium	45-2	11115	10688	11101	10968	2.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	7	0	4	89.21	cps
Selenium	82-1	188	199	198	195	3.35	cps
Silicon	28-1	12898590	12916626	12957503	12924240	0.23	cps
Silver	109-1	275	208	333	272	22.98	cps
Silver	107-1	267	350	308	308	13.51	cps
Sodium	23-2	804940	801365	796260	800855	0.54	cps
Strontium	86-1	1230187	1243126	1255069	1242794	1.00	cps
Strontium	88-1	10968835	11082069	11041201	11030702	0.52	cps
Sulfur	34-1	471112	461220	469816	467382	1.15	cps
Terbium	159-1	6411737	6412959	6425597	6416765	0.12	cps
Terbium	159-2	1060620	1058362	1051939	1056974	0.43	cps
Thallium	203-1	275	342	217	278	22.52	cps
Thallium	205-1	792	675	750	739	8.00	cps
Tin	118-1	7886	8553	8436	8292	4.30	cps
Titanium	47-1	450	467	475	464	2.74	cps
Uranium	238-1	81131	83589	84520	83080	2.11	cps
Vanadium	51-2	400	277	313	330	19.19	cps
Yttrium	89-1	4261172	4247198	4236194	4248188	0.29	cps
Yttrium	89-2	98341	97609	96686	97545	0.85	cps
Zinc	66-2	237	240	217	231	5.46	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-08	Instrumnet Name :	P8
Client Sample ID :	SS032MW001-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:18:08	DataFile Name :	065SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	642	900	1017	853	22.50	cps
Zirconium	91-1	183	192	225	200	11.02	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:25:20	DataFile Name :	066CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145228	146019	145885	145711	0.29	cps
Antimony	121-1	3306083	3334347	3286183	3308871	0.73	cps
Arsenic	75-2	29919	29929	29669	29839	0.49	cps
Barium	135-1	3752856	3757412	3774874	3761714	0.31	cps
Barium	137-1	6482672	6545083	6536093	6521282	0.52	cps
Beryllium	9-1	304617	306654	307671	306314	0.51	cps
Bismuth	209-1	4872933	4893599	4870915	4879149	0.26	cps
Bismuth	209-2	1040343	1043182	1038269	1040598	0.24	cps
Boron	10-1	34125	35570	36731	35475	3.68	cps
Boron	11-1	160227	163573	167569	163789	2.24	cps
Cadmium	111-1	733874	736883	736746	735834	0.23	cps
Cadmium	106-1	74514	73584	76358	74819	1.89	cps
Cadmium	108-1	52013	50820	52042	51625	1.35	cps
Calcium	43-1	2762207	2791280	2859793	2804426	1.79	cps
Calcium	44-1	45022787	44993764	45317630	45111394	0.40	cps
Chromium	52-2	217024	217397	218263	217561	0.29	cps
Cobalt	59-2	476045	483197	479854	479699	0.75	cps
Copper	63-2	815142	820400	823615	819719	0.52	cps
Dysprosium	156-1	33	58	92	61	47.89	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	42	75	58	58	28.57	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	6796544	6855454	6909791	6853929	0.83	cps
Holmium	165-2	1282671	1279248	1274095	1278671	0.34	cps
Indium	115-1	4859488	4898597	4896355	4884814	0.45	cps
Indium	115-2	178093	177446	178762	178100	0.37	cps
Iron	56-2	35424065	35617886	35934567	35658839	0.72	cps
Iron	57-2	879850	889363	885753	884989	0.54	cps
Krypton	83-1	343	387	350	360	6.48	cps
Lead	206-1	2615062	2621404	2631959	2622809	0.33	cps
Lead	207-1	2447118	2417487	2406581	2423728	0.87	cps
Lead	208-1	10900492	10803124	10786431	10830016	0.57	cps
Lithium	6-1	671787	679743	681691	677740	0.77	cps
Magnesium	24-2	3609290	3609361	3616988	3611880	0.12	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:25:20	DataFile Name :	066CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	118736	118870	121183	119596	1.15	cps
Molybdenum	94-1	5353483	5312218	5347644	5337782	0.42	cps
Molybdenum	95-1	6549639	6497693	6527479	6524937	0.40	cps
Molybdenum	96-1	7271453	7404605	7298529	7324862	0.96	cps
Molybdenum	97-1	4117630	4102356	4141193	4120393	0.47	cps
Molybdenum	98-1	10547159	10595025	10577208	10573131	0.23	cps
Neodymium	150-1	180	173	253	202	21.95	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	139611	141503	140900	140671	0.69	cps
Phosphorus	31-2	2109	2092	2142	2114	1.20	cps
Potassium	39-2	942878	958547	966314	955913	1.25	cps
Rhodium	103-1	4312834	4287946	4354819	4318533	0.78	cps
Rhodium	103-2	1039248	1037985	1035838	1037690	0.17	cps
Scandium	45-1	2260391	2262241	2298581	2273738	0.95	cps
Scandium	45-2	15542	15455	15422	15473	0.40	cps
Selenium	77-2	177	173	183	178	2.86	cps
Selenium	78-2	670	670	683	675	1.11	cps
Selenium	82-1	40443	40620	40977	40680	0.67	cps
Silicon	28-1	1259248	1275441	1280700	1271796	0.88	cps
Silver	109-1	3276562	3291510	3236641	3268237	0.87	cps
Silver	107-1	3349903	3362243	3345830	3352659	0.25	cps
Sodium	23-2	8131745	8080586	8111847	8108059	0.32	cps
Strontium	86-1	829057	832024	832570	831217	0.23	cps
Strontium	88-1	7371418	7380715	7349035	7367056	0.22	cps
Sulfur	34-1	400383	400146	401774	400768	0.22	cps
Terbium	159-1	6998307	6981615	7027129	7002350	0.33	cps
Terbium	159-2	1214557	1212463	1206722	1211247	0.33	cps
Thallium	203-1	3199170	3234119	3233214	3222168	0.62	cps
Thallium	205-1	7571827	7594040	7572664	7579510	0.17	cps
Tin	118-1	2357060	2347005	2336940	2347002	0.43	cps
Titanium	47-1	1389133	1405957	1419925	1405005	1.10	cps
Uranium	238-1	11172634	11055379	10898601	11042205	1.25	cps
Vanadium	51-2	162351	161231	161573	161718	0.35	cps
Yttrium	89-1	4932659	4969370	4969260	4957096	0.43	cps
Yttrium	89-2	128393	127808	128501	128234	0.29	cps
Zinc	66-2	74334	74445	74388	74389	0.07	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV25	Instrumnet Name :	P8
Client Sample ID :	CCV25	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:25:20	DataFile Name :	066CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4494232	4448625	4492351	4478402	0.58	cps
Zirconium	91-1	965180	965779	968352	966437	0.17	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : CCB25 Instrumnet Name : P8
 Client Sample ID : CCB25 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 18:32:05 DataFile Name : 067CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	0	6	173.21	cps
Antimony	121-1	2950	3792	4142	3628	16.89	cps
Arsenic	75-2	13	15	13	14	7.87	cps
Barium	135-1	33	83	25	47	66.82	cps
Barium	137-1	108	75	83	89	19.52	cps
Beryllium	9-1	272	250	200	241	15.36	cps
Bismuth	209-1	5041814	5027781	5000151	5023248	0.42	cps
Bismuth	209-2	1092055	1096657	1061241	1083318	1.78	cps
Boron	10-1	1458	1283	1483	1408	7.74	cps
Boron	11-1	6794	6777	6643	6738	1.22	cps
Cadmium	111-1	499	570	590	553	8.69	cps
Cadmium	106-1	642	717	800	720	11.01	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	508	433	392	444	13.30	cps
Calcium	44-1	9103	9529	9328	9320	2.28	cps
Chromium	52-2	180	210	190	193	7.90	cps
Cobalt	59-2	30	30	23	28	13.86	cps
Copper	63-2	127	140	167	144	14.10	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	33	8	17	19	65.47	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	50	33	33	39	24.74	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	6725063	6775471	6764220	6754918	0.39	cps
Holmium	165-2	1258310	1269376	1227086	1251591	1.75	cps
Indium	115-1	4944397	5012786	4949627	4968936	0.77	cps
Indium	115-2	181404	181082	173243	178576	2.59	cps
Iron	56-2	1656	1717	1733	1702	2.41	cps
Iron	57-2	28	33	39	33	16.67	cps
Krypton	83-1	380	330	310	340	10.60	cps
Lead	206-1	306	306	283	298	4.30	cps
Lead	207-1	233	283	283	267	10.83	cps
Lead	208-1	1106	1150	1200	1152	4.10	cps
Lithium	6-1	713268	723268	723722	720086	0.82	cps
Magnesium	24-2	433	317	408	386	15.91	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:32:05	DataFile Name :	067CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	27	37	28	30.20	cps
Molybdenum	94-1	1092	1267	1517	1292	16.54	cps
Molybdenum	95-1	1192	1692	2267	1717	31.34	cps
Molybdenum	96-1	1433	1875	2309	1872	23.37	cps
Molybdenum	97-1	875	1200	1484	1186	25.67	cps
Molybdenum	98-1	2250	2700	3517	2823	22.75	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	270	327	263	287	12.14	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	1292	1492	1208	1331	10.94	cps
Rhodium	103-1	4465861	4532893	4510956	4503236	0.76	cps
Rhodium	103-2	1053642	1058955	1019106	1043901	2.07	cps
Scandium	45-1	2174915	2193174	2146229	2171439	1.09	cps
Scandium	45-2	14231	14414	13740	14128	2.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-59	26	18	-5	-932.95	cps
Silicon	28-1	240535	238672	239875	239694	0.39	cps
Silver	109-1	217	158	183	186	15.73	cps
Silver	107-1	283	250	225	253	11.58	cps
Sodium	23-2	3075	3726	3484	3428	9.59	cps
Strontium	86-1	517	567	400	494	17.30	cps
Strontium	88-1	275	333	400	336	18.61	cps
Sulfur	34-1	242276	242027	242133	242145	0.05	cps
Terbium	159-1	6933106	6969474	6912231	6938270	0.42	cps
Terbium	159-2	1201957	1208498	1155960	1188805	2.41	cps
Thallium	203-1	658	575	617	617	6.76	cps
Thallium	205-1	1358	1142	1233	1245	8.74	cps
Tin	118-1	1158	1183	1292	1211	5.85	cps
Titanium	47-1	108	100	83	97	13.09	cps
Uranium	238-1	133	167	150	150	11.11	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	4822807	4867330	4753376	4814504	1.19	cps
Yttrium	89-2	121370	121726	117454	120184	1.97	cps
Zinc	66-2	47	30	30	36	27.07	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB25	Instrumnet Name :	P8
Client Sample ID :	CCB25	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:32:05	DataFile Name :	067CCBE_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	825	800	608	745	15.92	cps
Zirconium	91-1	142	192	225	186	22.54	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-09	Instrumnet Name :	P8
Client Sample ID :	LF028MW018-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:35:28	DataFile Name :	068SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6660	6819	6635	6705	1.48	cps
Antimony	121-1	19615	21259	22461	21112	6.77	cps
Arsenic	75-2	356	337	339	344	2.97	cps
Barium	135-1	264790	265252	267230	265757	0.49	cps
Barium	137-1	466773	466283	465056	466037	0.19	cps
Beryllium	9-1	461	394	461	439	8.77	cps
Bismuth	209-1	4996209	4916212	4935851	4949424	0.84	cps
Bismuth	209-2	1002691	1004602	993652	1000315	0.58	cps
Boron	10-1	4451	4943	4526	4640	5.71	cps
Boron	11-1	20532	21158	20599	20763	1.66	cps
Cadmium	111-1	1502	1280	1301	1361	9.00	cps
Cadmium	106-1	958	850	917	908	6.02	cps
Cadmium	108-1	75	75	71	74	3.26	cps
Calcium	43-1	1407455	1401056	1416575	1408362	0.55	cps
Calcium	44-1	22437154	22466539	22553936	22485876	0.27	cps
Chromium	52-2	478322	474957	478660	477313	0.43	cps
Cobalt	59-2	6238	6405	6418	6354	1.58	cps
Copper	63-2	57981	57257	57987	57742	0.73	cps
Dysprosium	156-1	6652	7052	6477	6727	4.38	cps
Dysprosium	156-2	1260	1110	1283	1218	7.72	cps
Erbium	164-1	5085	4818	4976	4960	2.71	cps
Erbium	164-2	793	893	763	817	8.34	cps
Gadolinium	160-1	6060	6410	5960	6143	3.85	cps
Gadolinium	160-2	1467	1570	1473	1503	3.85	cps
Holmium	165-1	6484744	6387432	6458618	6443598	0.78	cps
Holmium	165-2	1146103	1144846	1142980	1144643	0.14	cps
Indium	115-1	4538372	4514291	4506759	4519807	0.37	cps
Indium	115-2	148876	149843	148322	149014	0.52	cps
Iron	56-2	1207637	1202034	1203540	1204403	0.24	cps
Iron	57-2	31414	29510	30011	30311	3.26	cps
Krypton	83-1	310	307	313	310	1.07	cps
Lead	206-1	54021	52771	53267	53353	1.18	cps
Lead	207-1	43904	44484	43692	44027	0.93	cps
Lead	208-1	207034	205535	206041	206204	0.37	cps
Lithium	6-1	822264	813499	815488	817084	0.56	cps
Magnesium	24-2	70852	71002	70417	70757	0.43	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-09	Instrumnet Name :	P8
Client Sample ID :	LF028MW018-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:35:28	DataFile Name :	068SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9457	9160	9370	9329	1.64	cps
Molybdenum	94-1	11239	10104	11784	11042	7.76	cps
Molybdenum	95-1	12106	12840	12940	12629	3.61	cps
Molybdenum	96-1	13382	14008	14358	13916	3.55	cps
Molybdenum	97-1	7703	7794	7678	7725	0.80	cps
Molybdenum	98-1	20558	19966	20800	20441	2.10	cps
Neodymium	150-1	10251	10385	10164	10267	1.08	cps
Neodymium	150-2	1117	1097	993	1069	6.19	cps
Nickel	60-2	23811	24365	23707	23961	1.48	cps
Phosphorus	31-2	75	92	92	86	11.18	cps
Potassium	39-2	25708	25992	25399	25699	1.15	cps
Rhodium	103-1	3927119	3962896	3953788	3947934	0.47	cps
Rhodium	103-2	895715	900374	898110	898066	0.26	cps
Scandium	45-1	1873479	1838950	1860330	1857587	0.94	cps
Scandium	45-2	11278	11535	11288	11367	1.28	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	4	7	4	5	43.39	cps
Selenium	82-1	39	51	25	39	34.30	cps
Silicon	28-1	17319196	17307753	17135509	17254153	0.60	cps
Silver	109-1	1967	1959	1967	1964	0.25	cps
Silver	107-1	1984	2092	1884	1986	5.25	cps
Sodium	23-2	44011	42665	42439	43038	1.97	cps
Strontium	86-1	516618	518435	526668	520573	1.03	cps
Strontium	88-1	4581264	4630343	4670114	4627240	0.96	cps
Sulfur	34-1	223633	217506	219707	220282	1.41	cps
Terbium	159-1	6661503	6529772	6595242	6595506	1.00	cps
Terbium	159-2	1085130	1081482	1086355	1084322	0.23	cps
Thallium	203-1	1684	1458	1292	1478	13.30	cps
Thallium	205-1	4393	3817	2967	3726	19.25	cps
Tin	118-1	16202	16194	17087	16494	3.11	cps
Titanium	47-1	16370	15651	15945	15989	2.26	cps
Uranium	238-1	68883	70082	69259	69408	0.88	cps
Vanadium	51-2	4004	3984	3807	3932	2.75	cps
Yttrium	89-1	4373805	4353009	4394781	4373865	0.48	cps
Yttrium	89-2	100513	99936	100211	100220	0.29	cps
Zinc	66-2	23066	23457	23493	23339	1.01	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-09	Instrumnet Name :	P8
Client Sample ID :	LF028MW018-180411	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:35:28	DataFile Name :	068SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9687	8828	8687	9067	5.97	cps
Zirconium	91-1	2142	2167	1950	2086	5.68	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-11 Instrumnet Name : P8
 Client Sample ID : LF012MW008-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 18:38:52 DataFile Name : 069SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	33	50	56	45.83	cps
Antimony	121-1	10304	11347	11981	11211	7.55	cps
Arsenic	75-2	65	70	85	73	14.34	cps
Barium	135-1	221174	220346	221406	220975	0.25	cps
Barium	137-1	385232	389398	390531	388387	0.72	cps
Beryllium	9-1	172	150	189	170	11.45	cps
Bismuth	209-1	4692686	4661174	4699945	4684602	0.44	cps
Bismuth	209-2	966135	959695	963679	963169	0.34	cps
Boron	10-1	27018	27869	27469	27452	1.55	cps
Boron	11-1	127933	127757	131396	129028	1.59	cps
Cadmium	111-1	517	478	613	536	12.94	cps
Cadmium	106-1	633	608	767	669	12.72	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Calcium	43-1	2230879	2257579	2243077	2243845	0.60	cps
Calcium	44-1	35955912	36335469	36366172	36219184	0.63	cps
Chromium	52-2	1177	1220	1187	1195	1.90	cps
Cobalt	59-2	530	467	520	506	6.74	cps
Copper	63-2	1437	1333	1327	1366	4.52	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	13	0	7	7	99.98	cps
Gadolinium	160-1	92	50	33	58	51.51	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	6410611	6460713	6413449	6428258	0.44	cps
Holmium	165-2	1144931	1144612	1142132	1143892	0.13	cps
Indium	115-1	4509659	4517334	4641137	4556043	1.62	cps
Indium	115-2	149156	149843	149935	149645	0.28	cps
Iron	56-2	53832	52538	51886	52752	1.88	cps
Iron	57-2	1345	1506	1445	1432	5.68	cps
Krypton	83-1	343	373	287	334	13.16	cps
Lead	206-1	4651	4690	4668	4670	0.42	cps
Lead	207-1	3728	3562	4095	3795	7.19	cps
Lead	208-1	17500	17855	18033	17796	1.53	cps
Lithium	6-1	786882	783474	791186	787181	0.49	cps
Magnesium	24-2	464750	458127	459583	460820	0.76	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-11	Instrumnet Name :	P8
Client Sample ID :	LF012MW008-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:38:52	DataFile Name :	069SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2430	2474	2417	2440	1.21	cps
Molybdenum	94-1	2450	2650	2484	2528	4.24	cps
Molybdenum	95-1	2575	2959	2934	2823	7.60	cps
Molybdenum	96-1	3100	2992	3576	3223	9.63	cps
Molybdenum	97-1	1517	1692	1792	1667	8.35	cps
Molybdenum	98-1	4518	4593	4918	4676	4.55	cps
Neodymium	150-1	33	47	67	49	34.32	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	6098	6218	6562	6293	3.82	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	31178	30551	29966	30565	1.98	cps
Rhodium	103-1	3855470	3921163	3978170	3918268	1.57	cps
Rhodium	103-2	898107	899948	903069	900375	0.28	cps
Scandium	45-1	1868693	1899808	1888564	1885688	0.84	cps
Scandium	45-2	11398	11732	11602	11577	1.45	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	138	104	205	149	34.22	cps
Silicon	28-1	15668573	15713675	15678104	15686784	0.15	cps
Silver	109-1	508	483	475	489	3.55	cps
Silver	107-1	533	367	508	469	19.15	cps
Sodium	23-2	2475820	2491897	2485703	2484473	0.33	cps
Strontium	86-1	2033180	2054234	2086414	2057942	1.30	cps
Strontium	88-1	17513944	17679171	17798135	17663750	0.81	cps
Sulfur	34-1	940140	937212	938572	938642	0.16	cps
Terbium	159-1	6493663	6590561	6561761	6548662	0.76	cps
Terbium	159-2	1077844	1075530	1080831	1078068	0.25	cps
Thallium	203-1	375	400	375	383	3.77	cps
Thallium	205-1	958	958	850	922	6.78	cps
Tin	118-1	8762	9462	9145	9123	3.85	cps
Titanium	47-1	683	575	775	678	14.77	cps
Uranium	238-1	87759	88237	86173	87390	1.24	cps
Vanadium	51-2	77	97	60	78	23.61	cps
Yttrium	89-1	4326341	4352669	4400002	4359671	0.86	cps
Yttrium	89-2	99942	102082	101504	101176	1.09	cps
Zinc	66-2	243	227	267	246	8.18	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-11	Instrumnet Name :	P8
Client Sample ID :	LF012MW008-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:38:52	DataFile Name :	069SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2575	2459	2542	2525	2.38	cps
Zirconium	91-1	508	542	667	572	14.59	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-12	Instrumnet Name :	P8
Client Sample ID :	LF012MW007-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:42:15	DataFile Name :	070SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	0	14	91.65	cps
Antimony	121-1	8195	9070	9329	8864	6.70	cps
Arsenic	75-2	776	822	767	788	3.78	cps
Barium	135-1	250120	249562	249670	249784	0.12	cps
Barium	137-1	433129	431678	430845	431884	0.27	cps
Beryllium	9-1	189	194	122	169	23.85	cps
Bismuth	209-1	4811041	4831388	4708313	4783581	1.38	cps
Bismuth	209-2	978934	969275	974841	974350	0.50	cps
Boron	10-1	28112	29414	28822	28783	2.27	cps
Boron	11-1	137504	139710	136217	137810	1.28	cps
Cadmium	111-1	751	816	736	768	5.54	cps
Cadmium	106-1	717	742	617	692	9.56	cps
Cadmium	108-1	25	17	42	28	45.82	cps
Calcium	43-1	1443862	1454089	1437215	1445056	0.59	cps
Calcium	44-1	23224845	23178660	23334074	23245860	0.34	cps
Chromium	52-2	307	323	377	336	10.90	cps
Cobalt	59-2	113	133	133	127	9.12	cps
Copper	63-2	410	433	457	433	5.38	cps
Dysprosium	156-1	67	17	25	36	74.18	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	42	58	42	47	20.38	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	25	42	42	36	26.65	cps
Gadolinium	160-2	3	13	13	10	57.75	cps
Holmium	165-1	6525319	6595240	6459535	6526698	1.04	cps
Holmium	165-2	1152948	1143757	1148908	1148538	0.40	cps
Indium	115-1	4565582	4593081	4577851	4578838	0.30	cps
Indium	115-2	148944	148506	147902	148451	0.35	cps
Iron	56-2	2245417	2251285	2213291	2236665	0.91	cps
Iron	57-2	53748	54395	52940	53694	1.36	cps
Krypton	83-1	303	367	370	347	10.84	cps
Lead	206-1	800	744	789	778	3.78	cps
Lead	207-1	689	656	761	702	7.69	cps
Lead	208-1	3039	3072	3234	3115	3.34	cps
Lithium	6-1	772289	772268	771060	771872	0.09	cps
Magnesium	24-2	332734	333756	331459	332650	0.35	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-12	Instrumnet Name :	P8
Client Sample ID :	LF012MW007-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:42:15	DataFile Name :	070SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	78680	78945	78171	78598	0.50	cps
Molybdenum	94-1	4959	5060	5060	5026	1.15	cps
Molybdenum	95-1	6910	7294	7361	7188	3.38	cps
Molybdenum	96-1	8253	8019	8003	8092	1.73	cps
Molybdenum	97-1	4501	4643	4818	4654	3.41	cps
Molybdenum	98-1	12356	11539	11697	11864	3.65	cps
Neodymium	150-1	53	27	67	49	41.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	337	373	367	359	5.44	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	24580	24405	24539	24508	0.37	cps
Rhodium	103-1	4031087	4003775	4005356	4013406	0.38	cps
Rhodium	103-2	907968	897545	904048	903187	0.58	cps
Scandium	45-1	1904565	1883159	1896730	1894818	0.57	cps
Scandium	45-2	11371	11375	11475	11407	0.52	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	83	48	-3	43	101.99	cps
Silicon	28-1	22296741	22076351	22208635	22193909	0.50	cps
Silver	109-1	358	258	242	286	22.05	cps
Silver	107-1	308	317	375	333	10.90	cps
Sodium	23-2	2400562	2438172	2397531	2412089	0.94	cps
Strontium	86-1	1318379	1316937	1310723	1315347	0.31	cps
Strontium	88-1	11616428	11601291	11658752	11625490	0.26	cps
Sulfur	34-1	730549	723592	721680	725274	0.64	cps
Terbium	159-1	6625740	6734574	6553102	6637805	1.38	cps
Terbium	159-2	1095106	1075911	1084899	1085306	0.88	cps
Thallium	203-1	317	300	292	303	4.20	cps
Thallium	205-1	642	825	767	745	12.58	cps
Tin	118-1	7302	7603	7186	7363	2.92	cps
Titanium	47-1	425	567	550	514	15.07	cps
Uranium	238-1	6335	7319	6294	6649	8.73	cps
Vanadium	51-2	67	60	53	60	11.12	cps
Yttrium	89-1	4394401	4421359	4429691	4415150	0.42	cps
Yttrium	89-2	101392	100013	99768	100391	0.87	cps
Zinc	66-2	247	233	220	233	5.71	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-12	Instrumnet Name :	P8
Client Sample ID :	LF012MW007-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:42:15	DataFile Name :	070SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1800	1517	1892	1737	11.27	cps
Zirconium	91-1	392	275	358	342	17.59	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-13 Instrumnet Name : P8
 Client Sample ID : LF012MW029-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 18:45:37 DataFile Name : 071SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	417	333	347	18.33	cps
Antimony	121-1	7111	7669	8261	7680	7.49	cps
Arsenic	75-2	130	150	146	142	7.64	cps
Barium	135-1	150437	152460	152830	151909	0.85	cps
Barium	137-1	266102	267701	265081	266295	0.50	cps
Beryllium	9-1	139	211	222	191	23.72	cps
Bismuth	209-1	4715430	4722558	4661611	4699866	0.71	cps
Bismuth	209-2	954863	953950	959741	956185	0.33	cps
Boron	10-1	25524	25181	25849	25518	1.31	cps
Boron	11-1	117419	121755	122553	120576	2.29	cps
Cadmium	111-1	1221	1179	1237	1212	2.48	cps
Cadmium	106-1	750	683	700	711	4.88	cps
Cadmium	108-1	54	71	46	57	22.36	cps
Calcium	43-1	1097832	1098900	1104818	1100517	0.34	cps
Calcium	44-1	18022310	18143506	18118150	18094656	0.35	cps
Chromium	52-2	1483	1470	1487	1480	0.60	cps
Cobalt	59-2	213	233	190	212	10.22	cps
Copper	63-2	3617	3761	3684	3687	1.95	cps
Dysprosium	156-1	392	417	358	389	7.53	cps
Dysprosium	156-2	77	77	110	88	21.92	cps
Erbium	164-1	375	317	325	339	9.31	cps
Erbium	164-2	70	40	63	58	27.26	cps
Gadolinium	160-1	400	333	350	361	9.61	cps
Gadolinium	160-2	80	100	90	90	11.11	cps
Holmium	165-1	6421906	6407348	6397810	6409021	0.19	cps
Holmium	165-2	1126139	1118561	1139525	1128075	0.94	cps
Indium	115-1	4533188	4504873	4521645	4519902	0.32	cps
Indium	115-2	148446	146610	148764	147940	0.79	cps
Iron	56-2	359860	361149	359973	360328	0.20	cps
Iron	57-2	8942	9231	8903	9025	1.99	cps
Krypton	83-1	397	287	287	323	19.64	cps
Lead	206-1	2484	2400	2450	2445	1.72	cps
Lead	207-1	1834	1978	2145	1985	7.84	cps
Lead	208-1	9402	9530	10041	9657	3.50	cps
Lithium	6-1	745470	751425	746531	747809	0.42	cps
Magnesium	24-2	235822	234976	236222	235673	0.27	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-13	Instrumnet Name :	P8
Client Sample ID :	LF012MW029-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:45:37	DataFile Name :	071SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	48380	48327	48531	48413	0.22	cps
Molybdenum	94-1	4551	4276	4067	4298	5.64	cps
Molybdenum	95-1	3426	3201	3134	3253	4.70	cps
Molybdenum	96-1	3742	3959	3842	3848	2.82	cps
Molybdenum	97-1	1959	2284	1975	2072	8.83	cps
Molybdenum	98-1	5143	5351	5551	5349	3.82	cps
Neodymium	150-1	533	553	500	529	5.09	cps
Neodymium	150-2	67	53	53	58	13.33	cps
Nickel	60-2	923	817	807	849	7.62	cps
Phosphorus	31-2	33	92	50	58	51.51	cps
Potassium	39-2	37835	38804	37777	38139	1.51	cps
Rhodium	103-1	3923198	3959101	3929649	3937316	0.49	cps
Rhodium	103-2	884813	886210	896228	889084	0.70	cps
Scandium	45-1	1872293	1846998	1851550	1856947	0.73	cps
Scandium	45-2	11268	10888	11311	11156	2.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-42	117	91	55	154.75	cps
Silicon	28-1	16892910	16964259	16813588	16890252	0.45	cps
Silver	109-1	308	350	308	322	7.47	cps
Silver	107-1	358	325	342	342	4.88	cps
Sodium	23-2	2390583	2403023	2388188	2393931	0.33	cps
Strontium	86-1	1206537	1209680	1216947	1211055	0.44	cps
Strontium	88-1	10678131	10748156	10682473	10702920	0.37	cps
Sulfur	34-1	759490	762687	752454	758210	0.69	cps
Terbium	159-1	6558215	6553999	6512917	6541710	0.38	cps
Terbium	159-2	1054112	1053630	1066703	1058149	0.70	cps
Thallium	203-1	192	325	292	269	25.75	cps
Thallium	205-1	725	658	875	753	14.74	cps
Tin	118-1	6644	6844	7302	6930	4.87	cps
Titanium	47-1	1942	2259	1717	1973	13.80	cps
Uranium	238-1	15076	15277	16203	15519	3.87	cps
Vanadium	51-2	1160	1097	1113	1123	2.92	cps
Yttrium	89-1	4312127	4385818	4327431	4341792	0.90	cps
Yttrium	89-2	99136	97726	100006	98956	1.16	cps
Zinc	66-2	2237	2340	2077	2218	5.98	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-13	Instrumnet Name :	P8
Client Sample ID :	LF012MW029-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:45:37	DataFile Name :	071SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6135	6669	6602	6469	4.49	cps
Zirconium	91-1	1400	1567	1442	1470	5.90	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2353-14 Instrumnet Name : P8
 Client Sample ID : LF012MW004-180410 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 18:49:00 DataFile Name : 072SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	8145	8662	8912	8573	4.56	cps
Arsenic	75-2	33	54	30	39	33.33	cps
Barium	135-1	148431	148953	147994	148459	0.32	cps
Barium	137-1	260938	262208	261770	261639	0.25	cps
Beryllium	9-1	172	194	128	165	20.60	cps
Bismuth	209-1	4605478	4608122	4619889	4611163	0.17	cps
Bismuth	209-2	943614	953188	933444	943415	1.05	cps
Boron	10-1	21367	21367	22209	21648	2.25	cps
Boron	11-1	100693	101726	101785	101401	0.61	cps
Cadmium	111-1	490	487	555	511	7.54	cps
Cadmium	106-1	633	658	717	669	6.39	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	1552510	1558789	1549582	1553627	0.30	cps
Calcium	44-1	24716608	24940974	24885497	24847693	0.47	cps
Chromium	52-2	6468	6398	6388	6418	0.68	cps
Cobalt	59-2	213	253	207	224	11.25	cps
Copper	63-2	927	733	813	824	11.78	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	8	25	31	83.33	cps
Erbium	164-2	3	0	10	4	114.60	cps
Gadolinium	160-1	42	33	100	58	62.28	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	6274251	6202115	6286168	6254178	0.73	cps
Holmium	165-2	1108156	1110760	1096454	1105124	0.69	cps
Indium	115-1	4488395	4448509	4492720	4476541	0.54	cps
Indium	115-2	145753	145750	144040	145181	0.68	cps
Iron	56-2	40559	40002	40325	40296	0.69	cps
Iron	57-2	922	972	1145	1013	11.51	cps
Krypton	83-1	273	293	330	299	9.62	cps
Lead	206-1	744	767	783	765	2.55	cps
Lead	207-1	578	695	700	657	10.50	cps
Lead	208-1	2934	3145	3100	3060	3.64	cps
Lithium	6-1	730216	728829	727024	728690	0.22	cps
Magnesium	24-2	253789	255616	248587	252664	1.44	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-14	Instrumnet Name :	P8
Client Sample ID :	LF012MW004-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:49:00	DataFile Name :	072SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	660	663	577	633	7.75	cps
Molybdenum	94-1	1675	1834	1642	1717	5.97	cps
Molybdenum	95-1	2492	2459	2392	2448	2.08	cps
Molybdenum	96-1	2309	2767	2859	2645	11.14	cps
Molybdenum	97-1	1442	1475	1575	1497	4.64	cps
Molybdenum	98-1	4126	3892	4193	4070	3.87	cps
Neodymium	150-1	33	27	13	24	41.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2190	2284	2230	2235	2.10	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	33650	34251	32864	33588	2.07	cps
Rhodium	103-1	3854890	3903707	3900218	3886272	0.70	cps
Rhodium	103-2	876835	876030	865170	872678	0.75	cps
Scandium	45-1	1815789	1812885	1819744	1816140	0.19	cps
Scandium	45-2	10704	10821	11031	10852	1.53	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	179	135	84	132	35.90	cps
Silicon	28-1	15342810	15414244	15318441	15358498	0.32	cps
Silver	109-1	258	292	333	294	12.76	cps
Silver	107-1	292	342	275	303	11.46	cps
Sodium	23-2	1295921	1299004	1300117	1298347	0.17	cps
Strontium	86-1	1290071	1290873	1298832	1293259	0.37	cps
Strontium	88-1	11408031	11460799	11419007	11429279	0.24	cps
Sulfur	34-1	570649	575553	569300	571834	0.58	cps
Terbium	159-1	6416473	6346180	6398548	6387067	0.57	cps
Terbium	159-2	1045559	1051413	1028356	1041776	1.15	cps
Thallium	203-1	283	300	317	300	5.56	cps
Thallium	205-1	725	733	600	686	10.89	cps
Tin	118-1	6093	6127	6118	6113	0.28	cps
Titanium	47-1	392	400	592	461	24.54	cps
Uranium	238-1	63722	66035	65800	65185	1.95	cps
Vanadium	51-2	183	147	147	159	13.32	cps
Yttrium	89-1	4278827	4261172	4262102	4267367	0.23	cps
Yttrium	89-2	97995	97384	95219	96866	1.51	cps
Zinc	66-2	213	163	217	198	15.11	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2353-14	Instrumnet Name :	P8
Client Sample ID :	LF012MW004-180410	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 18:49:00	DataFile Name :	072SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	958	867	900	908	5.11	cps
Zirconium	91-1	267	175	208	217	21.41	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-01DLX2 Instrumnet Name : P8
 Client Sample ID : LF012RW035-180409DL Dilution Factor : 2
 Date & Time Acquired :: 2018-04-17 18:52:22 DataFile Name : 073SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	67	42	56	22.91	cps
Antimony	121-1	5927	5293	5260	5493	6.84	cps
Arsenic	75-2	76	59	52	62	19.78	cps
Barium	135-1	105519	104175	104057	104583	0.78	cps
Barium	137-1	183913	181488	182400	182601	0.67	cps
Beryllium	9-1	156	150	139	148	5.73	cps
Bismuth	209-1	5096010	5145663	5061229	5100967	0.83	cps
Bismuth	209-2	1060950	1042129	1044503	1049194	0.98	cps
Boron	10-1	6643	6468	7094	6735	4.79	cps
Boron	11-1	31544	31995	32020	31853	0.84	cps
Cadmium	111-1	600	573	592	589	2.33	cps
Cadmium	106-1	800	717	775	764	5.60	cps
Cadmium	108-1	8	17	13	13	33.36	cps
Calcium	43-1	790697	792490	790916	791368	0.12	cps
Calcium	44-1	12966704	12924369	13116470	13002514	0.78	cps
Chromium	52-2	297	360	303	320	10.87	cps
Cobalt	59-2	110	80	133	108	24.81	cps
Copper	63-2	1263	1170	1163	1199	4.66	cps
Dysprosium	156-1	75	25	50	50	50.00	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	50	42	58	50	16.67	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	108	33	50	64	61.65	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	6884417	6809400	6831379	6841732	0.56	cps
Holmium	165-2	1229933	1219007	1218243	1222394	0.54	cps
Indium	115-1	4903286	4923594	4974622	4933834	0.74	cps
Indium	115-2	165720	164369	163721	164603	0.62	cps
Iron	56-2	6402	6857	7085	6782	5.13	cps
Iron	57-2	156	206	156	172	16.76	cps
Krypton	83-1	337	327	270	311	11.56	cps
Lead	206-1	906	806	806	839	6.88	cps
Lead	207-1	633	617	656	635	3.07	cps
Lead	208-1	3134	3161	3022	3106	2.37	cps
Lithium	6-1	723386	719755	721607	721583	0.25	cps
Magnesium	24-2	81215	79238	80913	80455	1.32	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-01DLX2 Instrumnet Name : P8
 Client Sample ID : LF012RW035-180409DL Dilution Factor : 2
 Date & Time Acquired :: 2018-04-17 18:52:22 DataFile Name : 073SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1510	1533	1457	1500	2.62	cps
Molybdenum	94-1	1509	1567	1692	1589	5.89	cps
Molybdenum	95-1	2117	2025	2317	2153	6.93	cps
Molybdenum	96-1	2084	2550	2725	2453	13.52	cps
Molybdenum	97-1	1575	1367	1600	1514	8.46	cps
Molybdenum	98-1	3209	3617	3501	3442	6.11	cps
Neodymium	150-1	87	73	67	76	13.48	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	530	520	460	503	7.52	cps
Phosphorus	31-2	8	0	33	14	124.91	cps
Potassium	39-2	39841	39849	39782	39824	0.09	cps
Rhodium	103-1	4326136	4311558	4294260	4310651	0.37	cps
Rhodium	103-2	995829	988362	983762	989318	0.62	cps
Scandium	45-1	2048060	2040967	2052117	2047048	0.28	cps
Scandium	45-2	12623	12679	12619	12640	0.27	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	0	7	4	100.05	cps
Selenium	82-1	2	44	102	49	102.53	cps
Silicon	28-1	4700701	4732709	4704790	4712733	0.37	cps
Silver	109-1	225	333	192	250	29.63	cps
Silver	107-1	342	392	200	311	31.96	cps
Sodium	23-2	341698	341488	344706	342630	0.53	cps
Strontium	86-1	521843	516024	517981	518616	0.57	cps
Strontium	88-1	4603648	4670496	4619950	4631365	0.75	cps
Sulfur	34-1	468029	466410	466418	466952	0.20	cps
Terbium	159-1	6995161	7046459	6995680	7012434	0.42	cps
Terbium	159-2	1159302	1153271	1147887	1153487	0.50	cps
Thallium	203-1	292	300	225	272	15.10	cps
Thallium	205-1	575	600	592	589	2.16	cps
Tin	118-1	3084	3276	3417	3259	5.13	cps
Titanium	47-1	333	383	292	336	13.65	cps
Uranium	238-1	18473	17838	18364	18225	1.86	cps
Vanadium	51-2	707	753	800	753	6.19	cps
Yttrium	89-1	4679535	4723527	4717046	4706703	0.50	cps
Yttrium	89-2	111191	109323	110394	110303	0.85	cps
Zinc	66-2	507	697	620	608	15.73	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-01DLX2	Instrumnet Name :	P8
Client Sample ID :	LF012RW035-180409DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-17 18:52:22	DataFile Name :	073SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	650	883	817	783	15.34	cps
Zirconium	91-1	183	192	158	178	9.76	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-02DLX2 Instrumnet Name : P8
 Client Sample ID : LF012MW028-180409DL Dilution Factor : 2
 Date & Time Acquired :: 2018-04-17 18:55:45 DataFile Name : 074SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	17	19	65.47	cps
Antimony	121-1	7177	6610	6936	6908	4.12	cps
Arsenic	75-2	124	106	128	119	9.99	cps
Barium	135-1	112182	114045	114727	113651	1.16	cps
Barium	137-1	197757	197437	198510	197901	0.28	cps
Beryllium	9-1	133	150	156	146	7.90	cps
Bismuth	209-1	5114080	5019625	5065336	5066347	0.93	cps
Bismuth	209-2	1049163	1045850	1050476	1048496	0.23	cps
Boron	10-1	17311	16977	17737	17342	2.19	cps
Boron	11-1	80576	81658	84004	82079	2.14	cps
Cadmium	111-1	10046	10048	10163	10086	0.67	cps
Cadmium	106-1	1575	1592	1750	1639	5.89	cps
Cadmium	108-1	550	642	629	607	8.19	cps
Calcium	43-1	1557783	1543929	1564125	1555279	0.66	cps
Calcium	44-1	24798023	24769642	24877577	24815081	0.23	cps
Chromium	52-2	320	400	397	372	12.16	cps
Cobalt	59-2	2657	2580	2724	2654	2.70	cps
Copper	63-2	16016	15689	15929	15878	1.07	cps
Dysprosium	156-1	58	25	75	53	48.24	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	17	75	83	58	62.27	cps
Erbium	164-2	17	17	3	12	63.01	cps
Gadolinium	160-1	42	83	67	64	32.83	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	6809095	6806792	6915280	6843722	0.91	cps
Holmium	165-2	1223323	1218010	1226077	1222470	0.34	cps
Indium	115-1	4855934	4857751	4914688	4876125	0.69	cps
Indium	115-2	163120	162776	161731	162542	0.45	cps
Iron	56-2	1021693	1018186	1003927	1014602	0.93	cps
Iron	57-2	26359	26787	25880	26342	1.72	cps
Krypton	83-1	320	257	313	297	11.73	cps
Lead	206-1	12284	13018	12963	12755	3.20	cps
Lead	207-1	10660	11227	10944	10944	2.59	cps
Lead	208-1	50191	50974	50858	50674	0.83	cps
Lithium	6-1	711337	713133	710551	711673	0.19	cps
Magnesium	24-2	158811	158957	159989	159252	0.40	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-02DLX2 Instrumnet Name : P8
 Client Sample ID : LF012MW028-180409DL Dilution Factor : 2
 Date & Time Acquired :: 2018-04-17 18:55:45 DataFile Name : 074SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40653	39643	40315	40203	1.28	cps
Molybdenum	94-1	2442	2275	2492	2403	4.72	cps
Molybdenum	95-1	3451	3226	3276	3317	3.56	cps
Molybdenum	96-1	3817	3759	3976	3851	2.91	cps
Molybdenum	97-1	2059	2200	2209	2156	3.91	cps
Molybdenum	98-1	4943	5535	5551	5343	6.49	cps
Neodymium	150-1	73	33	27	44	56.79	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	5518	5718	5631	5622	1.79	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	32447	32856	31144	32149	2.78	cps
Rhodium	103-1	4253940	4265029	4302345	4273771	0.59	cps
Rhodium	103-2	980003	975416	976674	977364	0.24	cps
Scandium	45-1	2019298	2020806	2023321	2021142	0.10	cps
Scandium	45-2	12466	12472	12679	12539	0.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	16	87	9	37	115.91	cps
Silicon	28-1	8960882	8961818	8910981	8944561	0.33	cps
Silver	109-1	1475	1483	1408	1456	2.82	cps
Silver	107-1	1508	1700	1450	1553	8.42	cps
Sodium	23-2	814904	816291	811108	814101	0.33	cps
Strontium	86-1	866672	862308	865725	864902	0.27	cps
Strontium	88-1	7666805	7685792	7586518	7646372	0.69	cps
Sulfur	34-1	1097141	1076986	1096769	1090298	1.06	cps
Terbium	159-1	6941106	7030124	6972264	6981165	0.65	cps
Terbium	159-2	1160908	1144520	1158678	1154702	0.77	cps
Thallium	203-1	325	233	258	272	17.41	cps
Thallium	205-1	575	508	642	575	11.59	cps
Tin	118-1	3359	3059	3334	3251	5.12	cps
Titanium	47-1	275	325	325	308	9.36	cps
Uranium	238-1	12691	12874	13149	12905	1.79	cps
Vanadium	51-2	97	130	107	111	15.39	cps
Yttrium	89-1	4686216	4663720	4688507	4679481	0.29	cps
Yttrium	89-2	109135	110113	108611	109286	0.70	cps
Zinc	66-2	9430	9607	9093	9377	2.78	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-02DLX2	Instrumnet Name :	P8
Client Sample ID :	LF012MW028-180409DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-17 18:55:45	DataFile Name :	074SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	992	1167	1225	1128	10.77	cps
Zirconium	91-1	217	342	267	275	22.88	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : PB108279BL Instrumnet Name : P8
 Client Sample ID : PB108279BL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 19:00:56 DataFile Name : 075CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	0	3	173.21	cps
Antimony	121-1	133	300	225	219	38.04	cps
Arsenic	75-2	4	6	2	4	50.09	cps
Barium	135-1	117	67	108	97	27.55	cps
Barium	137-1	158	142	117	139	15.10	cps
Beryllium	9-1	106	200	167	157	30.43	cps
Bismuth	209-1	5106774	5094641	5058833	5086749	0.49	cps
Bismuth	209-2	1081908	1090570	1091975	1088151	0.50	cps
Boron	10-1	1400	1442	1250	1364	7.39	cps
Boron	11-1	6335	6393	6093	6274	2.54	cps
Cadmium	111-1	623	561	606	597	5.36	cps
Cadmium	106-1	842	783	867	831	5.15	cps
Cadmium	108-1	0	0	13	4	173.21	cps
Calcium	43-1	525	458	500	494	6.81	cps
Calcium	44-1	10229	9712	10571	10171	4.25	cps
Chromium	52-2	237	130	193	187	28.74	cps
Cobalt	59-2	23	17	27	22	22.91	cps
Copper	63-2	180	127	173	160	18.16	cps
Dysprosium	156-1	25	0	42	22	94.38	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	25	42	25	31	31.50	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	6909146	6824930	6882060	6872045	0.63	cps
Holmium	165-2	1267337	1271906	1274028	1271091	0.27	cps
Indium	115-1	5088637	5085017	5062411	5078688	0.28	cps
Indium	115-2	182959	182541	183817	183106	0.36	cps
Iron	56-2	1211	1083	983	1093	10.45	cps
Iron	57-2	33	22	22	26	24.74	cps
Krypton	83-1	370	380	313	354	10.14	cps
Lead	206-1	194	117	167	159	24.75	cps
Lead	207-1	139	133	233	169	33.35	cps
Lead	208-1	700	639	722	687	6.28	cps
Lithium	6-1	681460	683164	681662	682095	0.14	cps
Magnesium	24-2	325	450	342	372	18.23	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : PB108279BL Instrumnet Name : P8
 Client Sample ID : PB108279BL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 19:00:56 DataFile Name : 075CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	13	17	23	62.27	cps
Molybdenum	94-1	125	142	250	172	39.41	cps
Molybdenum	95-1	125	183	233	181	30.03	cps
Molybdenum	96-1	225	175	208	203	12.55	cps
Molybdenum	97-1	117	100	108	108	7.69	cps
Molybdenum	98-1	200	283	325	269	23.62	cps
Neodymium	150-1	7	27	20	18	57.27	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	240	303	237	260	14.45	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1367	1217	1425	1336	8.04	cps
Rhodium	103-1	4567921	4542401	4580381	4563568	0.42	cps
Rhodium	103-2	1075626	1070376	1079061	1075021	0.41	cps
Scandium	45-1	2228509	2222150	2206353	2219004	0.51	cps
Scandium	45-2	14264	14628	14524	14472	1.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-53	-63	-26	-47	-40.74	cps
Silicon	28-1	243869	242889	244934	243897	0.42	cps
Silver	109-1	150	125	192	156	21.65	cps
Silver	107-1	192	150	158	167	13.23	cps
Sodium	23-2	3092	3109	2892	3031	3.98	cps
Strontium	86-1	592	483	700	592	18.31	cps
Strontium	88-1	517	425	350	431	19.39	cps
Sulfur	34-1	245728	246413	246109	246083	0.14	cps
Terbium	159-1	7062870	7030837	7011540	7035082	0.37	cps
Terbium	159-2	1201829	1205221	1203018	1203356	0.14	cps
Thallium	203-1	308	192	275	258	23.26	cps
Thallium	205-1	375	558	483	472	19.52	cps
Tin	118-1	458	325	408	397	16.96	cps
Titanium	47-1	92	125	100	106	16.44	cps
Uranium	238-1	25	25	8	19	49.50	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Yttrium	89-1	4873121	4891857	4904801	4889926	0.33	cps
Yttrium	89-2	124121	123425	124138	123895	0.33	cps
Zinc	66-2	30	40	33	34	14.78	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108279BL	Instrumnet Name :	P8
Client Sample ID :	PB108279BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:00:56	DataFile Name :	075CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	317	300	275	297	7.06	cps
Zirconium	91-1	25	33	67	42	52.92	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108279BS	Instrumnet Name :	P8
Client Sample ID :	PB108279BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:04:22	DataFile Name :	076LCS6_P8041718- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26442	25950	25541	25978	1.74	cps
Antimony	121-1	3414130	3450414	3422343	3428963	0.55	cps
Arsenic	75-2	28574	27939	27602	28038	1.76	cps
Barium	135-1	3738994	3773843	3761571	3758136	0.47	cps
Barium	137-1	6500856	6556767	6505372	6520999	0.48	cps
Beryllium	9-1	285645	287773	284998	286139	0.51	cps
Bismuth	209-1	5022824	5092198	5071603	5062208	0.70	cps
Bismuth	209-2	1079588	1078250	1073718	1077185	0.29	cps
Boron	10-1	31084	33089	32571	32248	3.23	cps
Boron	11-1	144268	150726	153218	149404	3.09	cps
Cadmium	111-1	697418	693151	688687	693085	0.63	cps
Cadmium	106-1	71247	70225	71465	70979	0.93	cps
Cadmium	108-1	49332	49056	48909	49099	0.44	cps
Calcium	43-1	535713	534745	536689	535716	0.18	cps
Calcium	44-1	8781669	8734455	8784060	8766728	0.32	cps
Chromium	52-2	196089	195048	192362	194500	0.99	cps
Cobalt	59-2	450101	448925	445502	448176	0.53	cps
Copper	63-2	784695	789050	781985	785243	0.45	cps
Dysprosium	156-1	42	83	58	61	34.32	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	13	13	3	10	57.75	cps
Gadolinium	160-1	58	42	58	53	18.23	cps
Gadolinium	160-2	3	13	3	7	86.65	cps
Holmium	165-1	6879266	6943938	6907509	6910238	0.47	cps
Holmium	165-2	1279590	1272805	1267769	1273388	0.47	cps
Indium	115-1	4919143	4907332	4910275	4912250	0.13	cps
Indium	115-2	173708	174751	174335	174265	0.30	cps
Iron	56-2	6799760	6789824	6696909	6762164	0.84	cps
Iron	57-2	167360	169336	165048	167248	1.28	cps
Krypton	83-1	263	290	383	312	20.18	cps
Lead	206-1	2667649	2728336	2680055	2692013	1.19	cps
Lead	207-1	2474728	2499851	2492198	2488926	0.52	cps
Lead	208-1	11023425	11102378	11057628	11061144	0.36	cps
Lithium	6-1	672038	676210	675551	674600	0.33	cps
Magnesium	24-2	654887	650935	644222	650015	0.83	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108279BS	Instrumnet Name :	P8
Client Sample ID :	PB108279BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:04:22	DataFile Name :	076LCS6_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	109633	110250	109055	109646	0.55	cps
Molybdenum	94-1	5241620	5245839	5201934	5229798	0.46	cps
Molybdenum	95-1	6415427	6347588	6450956	6404657	0.82	cps
Molybdenum	96-1	7232706	7142680	7193928	7189771	0.63	cps
Molybdenum	97-1	4020554	4030878	4038624	4030019	0.22	cps
Molybdenum	98-1	10308975	10299494	10437897	10348789	0.75	cps
Neodymium	150-1	147	140	227	171	28.19	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	130229	131349	130659	130746	0.43	cps
Phosphorus	31-2	2059	1784	1884	1909	7.29	cps
Potassium	39-2	173507	173219	170242	172323	1.05	cps
Rhodium	103-1	4362746	4432466	4396858	4397357	0.79	cps
Rhodium	103-2	1030193	1024327	1022509	1025676	0.39	cps
Scandium	45-1	2197224	2202722	2181785	2193910	0.49	cps
Scandium	45-2	13970	14174	14077	14074	0.72	cps
Selenium	77-2	153	173	140	156	10.79	cps
Selenium	78-2	619	574	606	599	3.81	cps
Selenium	82-1	40723	39815	40347	40295	1.13	cps
Silicon	28-1	1135436	1138182	1131834	1135150	0.28	cps
Silver	109-1	3323261	3304261	3311216	3312912	0.29	cps
Silver	107-1	3445413	3398767	3415246	3419809	0.69	cps
Sodium	23-2	1523156	1507177	1505981	1512105	0.63	cps
Strontium	86-1	802801	800054	801681	801512	0.17	cps
Strontium	88-1	7131843	7017896	7086805	7078848	0.81	cps
Sulfur	34-1	387057	385913	382346	385105	0.64	cps
Terbium	159-1	7032092	7118558	7036362	7062337	0.69	cps
Terbium	159-2	1197915	1205881	1204262	1202686	0.35	cps
Thallium	203-1	3296384	3326717	3284576	3302559	0.66	cps
Thallium	205-1	7715676	7756683	7762277	7744879	0.33	cps
Tin	118-1	2335715	2334914	2334009	2334879	0.04	cps
Titanium	47-1	1369750	1361002	1348592	1359781	0.78	cps
Uranium	238-1	11156583	11060110	11057148	11091280	0.51	cps
Vanadium	51-2	147079	147490	144812	146460	0.98	cps
Yttrium	89-1	4887205	4972080	4931319	4930201	0.86	cps
Yttrium	89-2	120815	120014	118740	119856	0.87	cps
Zinc	66-2	71128	71503	70388	71006	0.80	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	PB108279BS	Instrumnet Name :	P8
Client Sample ID :	PB108279BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:04:22	DataFile Name :	076LCS6_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4353444	4411966	4398359	4387923	0.70	cps
Zirconium	91-1	950996	941906	953683	948862	0.65	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05DLX2 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 2
 Date & Time Acquired :: 2018-04-17 19:07:37 DataFile Name : 077SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	33	25	57.75	cps
Antimony	121-1	23780	23488	23847	23705	0.81	cps
Arsenic	75-2	109	76	109	98	19.61	cps
Barium	135-1	25283	24791	24549	24874	1.51	cps
Barium	137-1	43957	44668	43306	43977	1.55	cps
Beryllium	9-1	272	278	239	263	8.00	cps
Bismuth	209-1	4948185	4906263	4832510	4895653	1.20	cps
Bismuth	209-2	1009375	1006281	1003107	1006254	0.31	cps
Boron	10-1	23512	24772	24104	24129	2.61	cps
Boron	11-1	113160	114925	118300	115462	2.26	cps
Cadmium	111-1	710	642	701	684	5.41	cps
Cadmium	106-1	683	675	800	720	9.72	cps
Cadmium	108-1	21	8	13	14	45.83	cps
Calcium	43-1	1830097	1849166	1858277	1845846	0.78	cps
Calcium	44-1	29253821	29399490	29655100	29436137	0.69	cps
Chromium	52-2	437	363	420	407	9.45	cps
Cobalt	59-2	353	390	377	373	4.97	cps
Copper	63-2	430	397	470	432	8.50	cps
Dysprosium	156-1	25	42	58	42	40.00	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	108	33	67	69	54.12	cps
Erbium	164-2	47	13	7	22	96.45	cps
Gadolinium	160-1	67	92	92	83	17.32	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	6583225	6628034	6516851	6576037	0.85	cps
Holmium	165-2	1184006	1179511	1176437	1179985	0.32	cps
Indium	115-1	4646522	4639395	4655984	4647301	0.18	cps
Indium	115-2	156209	155530	155395	155712	0.28	cps
Iron	56-2	603604	596301	595337	598414	0.76	cps
Iron	57-2	15453	14825	15776	15351	3.15	cps
Krypton	83-1	327	347	327	333	3.46	cps
Lead	206-1	889	989	950	943	5.35	cps
Lead	207-1	839	861	783	828	4.84	cps
Lead	208-1	3839	3889	3617	3782	3.83	cps
Lithium	6-1	706587	711742	713477	710602	0.50	cps
Magnesium	24-2	516420	510367	507848	511545	0.86	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05DLX2 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 2
 Date & Time Acquired :: 2018-04-17 19:07:37 DataFile Name : 077SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22341	21884	22014	22080	1.07	cps
Molybdenum	94-1	3742	4401	4768	4304	12.07	cps
Molybdenum	95-1	4976	5768	6335	5693	11.99	cps
Molybdenum	96-1	5543	6577	6885	6335	11.10	cps
Molybdenum	97-1	3150	3492	4201	3615	14.82	cps
Molybdenum	98-1	7894	9395	10430	9240	13.80	cps
Neodymium	150-1	127	47	33	69	73.28	cps
Neodymium	150-2	3	3	20	9	108.30	cps
Nickel	60-2	823	757	760	780	4.82	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	32848	33132	34034	33338	1.86	cps
Rhodium	103-1	4016603	4097023	4018237	4043955	1.14	cps
Rhodium	103-2	928299	923248	922429	924658	0.34	cps
Scandium	45-1	1925629	1935353	1920088	1927023	0.40	cps
Scandium	45-2	11698	11919	11812	11810	0.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	51	29	47	42	28.42	cps
Silicon	28-1	9626147	9753633	9735669	9705149	0.71	cps
Silver	109-1	817	650	633	700	14.48	cps
Silver	107-1	817	758	517	697	22.81	cps
Sodium	23-2	1573828	1599079	1566103	1579670	1.09	cps
Strontium	86-1	2018363	1972230	1985431	1992008	1.19	cps
Strontium	88-1	17002492	17210515	17144411	17119139	0.62	cps
Sulfur	34-1	2119258	2165165	2155096	2146506	1.12	cps
Terbium	159-1	6673027	6728985	6647578	6683197	0.62	cps
Terbium	159-2	1121901	1121875	1111609	1118462	0.53	cps
Thallium	203-1	1467	1133	783	1128	30.30	cps
Thallium	205-1	3584	2925	2209	2906	23.67	cps
Tin	118-1	5043	5001	5685	5243	7.31	cps
Titanium	47-1	525	500	817	614	28.68	cps
Uranium	238-1	14860	14759	14784	14801	0.35	cps
Vanadium	51-2	117	163	170	150	19.37	cps
Yttrium	89-1	4452608	4466822	4456909	4458780	0.16	cps
Yttrium	89-2	104311	104103	104892	104435	0.39	cps
Zinc	66-2	163	210	163	179	15.06	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05DLX2	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-17 19:07:37	DataFile Name :	077SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2625	2600	2634	2620	0.66	cps
Zirconium	91-1	592	483	542	539	10.06	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:22:24	DataFile Name :	079CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150338	147914	151662	149971	1.27	cps
Antimony	121-1	3361463	3297742	3326123	3328443	0.96	cps
Arsenic	75-2	30558	30411	30090	30353	0.79	cps
Barium	135-1	3610454	3644121	3579571	3611382	0.89	cps
Barium	137-1	6237739	6252118	6223833	6237897	0.23	cps
Beryllium	9-1	300128	303630	302354	302037	0.59	cps
Bismuth	209-1	4707003	4645040	4648793	4666945	0.74	cps
Bismuth	209-2	1001582	1006591	1010063	1006078	0.42	cps
Boron	10-1	34492	34334	35762	34863	2.25	cps
Boron	11-1	157011	163529	165090	161877	2.65	cps
Cadmium	111-1	676218	680608	672743	676523	0.58	cps
Cadmium	106-1	69965	71960	69530	70485	1.84	cps
Cadmium	108-1	47638	47730	47893	47754	0.27	cps
Calcium	43-1	2804333	2823981	2811623	2813312	0.35	cps
Calcium	44-1	44914646	45353151	45279940	45182579	0.52	cps
Chromium	52-2	220028	220597	220242	220289	0.13	cps
Cobalt	59-2	484962	482988	480123	482691	0.50	cps
Copper	63-2	814184	817547	813675	815135	0.26	cps
Dysprosium	156-1	67	83	75	75	11.11	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	17	3	0	7	132.33	cps
Gadolinium	160-1	92	25	75	64	54.31	cps
Gadolinium	160-2	7	10	17	11	45.82	cps
Holmium	165-1	6699581	6638216	6628481	6655426	0.58	cps
Holmium	165-2	1239305	1239944	1245802	1241683	0.29	cps
Indium	115-1	4793537	4782811	4738402	4771583	0.61	cps
Indium	115-2	177485	178144	180462	178697	0.87	cps
Iron	56-2	36109720	36310131	35730127	36049993	0.82	cps
Iron	57-2	893088	894643	891034	892921	0.20	cps
Krypton	83-1	317	320	333	323	2.73	cps
Lead	206-1	2515211	2474362	2490414	2493329	0.83	cps
Lead	207-1	2308233	2314279	2261809	2294774	1.25	cps
Lead	208-1	10316490	10294821	10190149	10267154	0.66	cps
Lithium	6-1	654862	653693	656858	655138	0.24	cps
Magnesium	24-2	3664894	3698725	3670354	3677991	0.49	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:22:24	DataFile Name :	079CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120814	122269	121792	121625	0.61	cps
Molybdenum	94-1	5230432	5221168	5200914	5217505	0.29	cps
Molybdenum	95-1	6328240	6367452	6340875	6345522	0.32	cps
Molybdenum	96-1	7103324	7141533	7152477	7132445	0.36	cps
Molybdenum	97-1	4007365	4029653	3982854	4006624	0.58	cps
Molybdenum	98-1	10305745	10257211	10183692	10248883	0.60	cps
Neodymium	150-1	133	173	167	158	13.58	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	140046	141015	140386	140482	0.35	cps
Phosphorus	31-2	1909	2125	2009	2014	5.39	cps
Potassium	39-2	984111	987350	985574	985678	0.16	cps
Rhodium	103-1	4226764	4190534	4231255	4216184	0.53	cps
Rhodium	103-2	1019572	1029846	1023043	1024154	0.51	cps
Scandium	45-1	2277364	2302417	2299204	2292995	0.59	cps
Scandium	45-2	16186	16346	15856	16129	1.55	cps
Selenium	77-2	187	237	200	208	12.46	cps
Selenium	78-2	669	617	617	634	4.72	cps
Selenium	82-1	39587	39513	39914	39671	0.54	cps
Silicon	28-1	1258345	1280153	1290009	1276169	1.27	cps
Silver	109-1	3242835	3272212	3253621	3256222	0.46	cps
Silver	107-1	3393201	3370312	3365053	3376189	0.44	cps
Sodium	23-2	8214728	8305236	8263205	8261056	0.55	cps
Strontium	86-1	814875	817929	820831	817879	0.36	cps
Strontium	88-1	7190360	7261561	7275271	7242397	0.63	cps
Sulfur	34-1	408793	407931	403410	406711	0.71	cps
Terbium	159-1	6861689	6755958	6714714	6777454	1.12	cps
Terbium	159-2	1170010	1175694	1182973	1176226	0.55	cps
Thallium	203-1	3027581	3046697	3022860	3032379	0.42	cps
Thallium	205-1	7227700	7204394	7120648	7184248	0.78	cps
Tin	118-1	2260838	2254222	2240093	2251718	0.47	cps
Titanium	47-1	1391137	1423022	1421403	1411854	1.27	cps
Uranium	238-1	10529603	10364297	10366324	10420075	0.91	cps
Vanadium	51-2	162661	163957	162709	163109	0.45	cps
Yttrium	89-1	4926537	4908002	4925897	4920145	0.21	cps
Yttrium	89-2	129938	129143	130382	129821	0.48	cps
Zinc	66-2	74535	74157	75075	74589	0.62	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P8
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:22:24	DataFile Name :	079CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4408837	4379167	4438527	4408843	0.67	cps
Zirconium	91-1	941414	951820	948874	947369	0.57	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : CCB26 Instrumnet Name : P8
 Client Sample ID : CCB26 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 19:29:36 DataFile Name : 080CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	3709	5268	5802	4926	22.07	cps
Arsenic	75-2	4	6	4	4	24.86	cps
Barium	135-1	58	25	67	50	44.10	cps
Barium	137-1	50	50	58	53	9.12	cps
Beryllium	9-1	333	306	256	298	13.22	cps
Bismuth	209-1	4844170	4868601	4851925	4854899	0.26	cps
Bismuth	209-2	1037980	1030849	1036361	1035063	0.36	cps
Boron	10-1	1092	933	1083	1036	8.60	cps
Boron	11-1	4859	4359	4926	4715	6.57	cps
Cadmium	111-1	607	484	527	539	11.58	cps
Cadmium	106-1	808	617	725	717	13.41	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	492	550	542	528	5.98	cps
Calcium	44-1	8178	8244	8470	8297	1.84	cps
Chromium	52-2	213	207	173	198	10.83	cps
Cobalt	59-2	17	17	33	22	43.28	cps
Copper	63-2	163	153	167	161	4.31	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	17	17	50	28	69.27	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	6537095	6541624	6590286	6556335	0.45	cps
Holmium	165-2	1201250	1201704	1202050	1201668	0.03	cps
Indium	115-1	4855807	4897501	4868304	4873871	0.44	cps
Indium	115-2	174971	175901	175725	175532	0.28	cps
Iron	56-2	1834	1622	1578	1678	8.14	cps
Iron	57-2	67	33	44	48	35.25	cps
Krypton	83-1	393	333	323	350	10.82	cps
Lead	206-1	356	317	356	343	6.55	cps
Lead	207-1	328	367	367	354	6.35	cps
Lead	208-1	1456	1478	1550	1495	3.30	cps
Lithium	6-1	663859	667960	666486	666102	0.31	cps
Magnesium	24-2	317	417	500	411	22.33	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:29:36	DataFile Name :	080CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	13	23	22	37.76	cps
Molybdenum	94-1	1142	1308	1442	1297	11.59	cps
Molybdenum	95-1	1192	1609	2142	1647	28.91	cps
Molybdenum	96-1	1534	1834	2409	1925	23.10	cps
Molybdenum	97-1	750	1117	1317	1061	27.09	cps
Molybdenum	98-1	1925	2925	3567	2806	29.49	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	290	290	280	287	2.01	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	1517	1417	1333	1422	6.45	cps
Rhodium	103-1	4384978	4394307	4354809	4378031	0.47	cps
Rhodium	103-2	1028067	1026397	1019437	1024633	0.45	cps
Scandium	45-1	2193686	2180225	2178751	2184221	0.38	cps
Scandium	45-2	14684	14441	13984	14370	2.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-53	-1	3	-17	-180.45	cps
Silicon	28-1	251120	248831	249169	249707	0.49	cps
Silver	109-1	150	117	117	128	15.06	cps
Silver	107-1	142	125	217	161	30.31	cps
Sodium	23-2	3942	3734	3576	3751	4.90	cps
Strontium	86-1	492	533	583	536	8.56	cps
Strontium	88-1	217	283	233	244	14.19	cps
Sulfur	34-1	241207	240774	241156	241046	0.10	cps
Terbium	159-1	6707190	6641373	6597416	6648659	0.83	cps
Terbium	159-2	1136061	1144422	1140181	1140222	0.37	cps
Thallium	203-1	750	683	533	656	16.93	cps
Thallium	205-1	1550	1417	1292	1420	9.10	cps
Tin	118-1	975	1242	1258	1158	13.73	cps
Titanium	47-1	167	92	75	111	43.95	cps
Uranium	238-1	142	92	125	119	21.31	cps
Vanadium	51-2	0	10	10	7	86.60	cps
Yttrium	89-1	4780674	4773282	4782555	4778837	0.10	cps
Yttrium	89-2	119228	119507	120670	119802	0.64	cps
Zinc	66-2	10	17	23	17	39.99	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P8
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 19:29:36	DataFile Name :	080CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	592	867	808	756	19.18	cps
Zirconium	91-1	125	142	258	175	41.51	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-01DL2X5 Instrumnet Name : P8
 Client Sample ID : LF012RW035-180409DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:45:46 DataFile Name : 081SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	8	8	100.02	cps
Antimony	121-1	3492	4401	4843	4245	16.22	cps
Arsenic	75-2	22	33	31	29	20.52	cps
Barium	135-1	41282	41190	41508	41327	0.40	cps
Barium	137-1	70999	71426	72172	71532	0.83	cps
Beryllium	9-1	133	144	183	154	17.08	cps
Bismuth	209-1	4837833	4761530	4787637	4795666	0.81	cps
Bismuth	209-2	1033046	1034972	1037973	1035330	0.24	cps
Boron	10-1	2634	2742	3000	2792	6.75	cps
Boron	11-1	13916	12614	13190	13240	4.93	cps
Cadmium	111-1	594	610	659	621	5.50	cps
Cadmium	106-1	700	650	758	703	7.72	cps
Cadmium	108-1	13	29	25	22	39.04	cps
Calcium	43-1	327695	325154	331296	328048	0.94	cps
Calcium	44-1	5399993	5390932	5425142	5405356	0.33	cps
Chromium	52-2	250	283	290	274	7.81	cps
Cobalt	59-2	47	37	50	44	15.61	cps
Copper	63-2	623	643	580	616	5.26	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	50	42	42	19.99	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	25	50	8	28	75.51	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	6512824	6432099	6376748	6440557	1.06	cps
Holmium	165-2	1202840	1205922	1205113	1204625	0.13	cps
Indium	115-1	4842136	4718775	4730523	4763812	1.43	cps
Indium	115-2	171412	169613	169869	170298	0.57	cps
Iron	56-2	3434	3362	3273	3356	2.41	cps
Iron	57-2	67	94	50	70	31.91	cps
Krypton	83-1	410	403	320	378	13.27	cps
Lead	206-1	650	444	572	556	18.68	cps
Lead	207-1	622	428	550	533	18.43	cps
Lead	208-1	2500	1945	2317	2254	12.56	cps
Lithium	6-1	678550	669065	665917	671177	0.98	cps
Magnesium	24-2	33365	33875	33056	33432	1.24	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-01DL2X5 Instrumnet Name : P8
 Client Sample ID : LF012RW035-180409DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:45:46 DataFile Name : 081SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	647	647	613	636	3.03	cps
Molybdenum	94-1	1208	1292	1417	1306	8.03	cps
Molybdenum	95-1	1142	1575	1692	1470	19.72	cps
Molybdenum	96-1	1734	1734	2075	1847	10.68	cps
Molybdenum	97-1	800	950	1175	975	19.36	cps
Molybdenum	98-1	2009	2350	2734	2364	15.35	cps
Neodymium	150-1	13	13	33	20	57.74	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	237	243	307	262	14.73	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	17286	18354	17345	17662	3.40	cps
Rhodium	103-1	4303178	4186644	4189849	4226557	1.57	cps
Rhodium	103-2	1001327	994082	991074	995495	0.53	cps
Scandium	45-1	2061904	2050983	2009062	2040650	1.37	cps
Scandium	45-2	13323	12839	13366	13176	2.22	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-101	-64	15	-50	-117.80	cps
Silicon	28-1	2184045	2187023	2150984	2174018	0.92	cps
Silver	109-1	1075	908	808	931	14.48	cps
Silver	107-1	983	1000	850	945	8.70	cps
Sodium	23-2	145917	146884	145613	146138	0.45	cps
Strontium	86-1	204264	206302	205914	205493	0.53	cps
Strontium	88-1	1868256	1876378	1862343	1868992	0.38	cps
Sulfur	34-1	336463	336621	339101	337395	0.44	cps
Terbium	159-1	6675741	6491760	6595945	6587815	1.40	cps
Terbium	159-2	1145926	1144851	1145804	1145527	0.05	cps
Thallium	203-1	1492	1300	1017	1270	18.83	cps
Thallium	205-1	3467	3034	2634	3045	13.69	cps
Tin	118-1	1408	1609	1684	1567	9.07	cps
Titanium	47-1	125	142	83	117	25.75	cps
Uranium	238-1	6635	6744	7144	6841	3.92	cps
Vanadium	51-2	307	273	300	293	6.01	cps
Yttrium	89-1	4648025	4564821	4533672	4582173	1.29	cps
Yttrium	89-2	114357	114057	113776	114064	0.25	cps
Zinc	66-2	233	237	150	207	23.76	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	LF012RW035-180409DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 19:45:46	DataFile Name :	081SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1408	1000	1367	1258	17.86	cps
Zirconium	91-1	325	283	325	311	7.73	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-02DL2X5 Instrumnet Name : P8
 Client Sample ID : LF012MW028-180409DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:49:09 DataFile Name : 082SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	0	8	100.02	cps
Antimony	121-1	3742	3701	4026	3823	4.63	cps
Arsenic	75-2	48	59	52	53	10.66	cps
Barium	135-1	45245	44033	44877	44718	1.39	cps
Barium	137-1	77470	77385	77410	77422	0.06	cps
Beryllium	9-1	156	206	172	178	14.32	cps
Bismuth	209-1	4917570	4888583	4865226	4890459	0.54	cps
Bismuth	209-2	1019189	1039046	1023342	1027192	1.02	cps
Boron	10-1	7377	7160	7427	7322	1.94	cps
Boron	11-1	33457	35052	34868	34459	2.53	cps
Cadmium	111-1	4269	4319	4306	4298	0.59	cps
Cadmium	106-1	1033	1058	950	1014	5.59	cps
Cadmium	108-1	304	229	258	264	14.33	cps
Calcium	43-1	622761	620183	615386	619444	0.60	cps
Calcium	44-1	10171532	10191598	10104586	10155905	0.45	cps
Chromium	52-2	220	307	283	270	16.61	cps
Cobalt	59-2	1197	1113	1190	1167	3.97	cps
Copper	63-2	6222	6522	6625	6456	3.25	cps
Dysprosium	156-1	42	8	33	28	62.46	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	17	58	75	50	60.09	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	6563581	6549634	6523366	6545527	0.31	cps
Holmium	165-2	1190147	1205925	1189257	1195110	0.78	cps
Indium	115-1	4755209	4741780	4775962	4757650	0.36	cps
Indium	115-2	166234	168805	166890	167310	0.80	cps
Iron	56-2	422099	422366	417202	420556	0.69	cps
Iron	57-2	10766	10526	10715	10669	1.18	cps
Krypton	83-1	393	390	303	362	14.09	cps
Lead	206-1	5262	4996	5085	5114	2.66	cps
Lead	207-1	4190	4651	4362	4401	5.30	cps
Lead	208-1	19673	20240	19862	19925	1.45	cps
Lithium	6-1	672923	667631	670755	670436	0.40	cps
Magnesium	24-2	66046	67896	64715	66219	2.41	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-02DL2X5 Instrumnet Name : P8
 Client Sample ID : LF012MW028-180409DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:49:09 DataFile Name : 082SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17227	16737	16640	16868	1.87	cps
Molybdenum	94-1	1208	1467	1433	1370	10.26	cps
Molybdenum	95-1	1492	1542	1775	1603	9.44	cps
Molybdenum	96-1	1759	1850	1875	1828	3.36	cps
Molybdenum	97-1	900	917	917	911	1.06	cps
Molybdenum	98-1	2375	2409	2584	2456	4.56	cps
Neodymium	150-1	13	13	33	20	57.74	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2510	2490	2630	2544	2.98	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	14191	14458	14333	14327	0.93	cps
Rhodium	103-1	4234080	4233753	4257713	4241849	0.32	cps
Rhodium	103-2	980224	987129	977095	981483	0.52	cps
Scandium	45-1	2056917	2055757	2037728	2050134	0.52	cps
Scandium	45-2	12939	12833	12896	12889	0.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-92	-41	30	-34	-179.03	cps
Silicon	28-1	3926142	3877411	3859817	3887790	0.88	cps
Silver	109-1	1158	1083	875	1039	14.13	cps
Silver	107-1	875	842	1075	931	13.56	cps
Sodium	23-2	341340	339096	338635	339690	0.43	cps
Strontium	86-1	342547	339391	342076	341338	0.50	cps
Strontium	88-1	3076898	3084104	3023598	3061533	1.08	cps
Sulfur	34-1	643408	645247	640414	643023	0.38	cps
Terbium	159-1	6696282	6605362	6701244	6667629	0.81	cps
Terbium	159-2	1127961	1138714	1125492	1130722	0.62	cps
Thallium	203-1	367	458	458	428	12.37	cps
Thallium	205-1	833	1133	983	983	15.25	cps
Tin	118-1	1317	1383	1625	1442	11.25	cps
Titanium	47-1	167	225	108	167	35.00	cps
Uranium	238-1	4926	5168	4935	5010	2.74	cps
Vanadium	51-2	70	63	57	63	10.52	cps
Yttrium	89-1	4636132	4597380	4646275	4626596	0.56	cps
Yttrium	89-2	110812	112852	111047	111570	1.00	cps
Zinc	66-2	4141	3847	3957	3982	3.72	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-02DL2X5	Instrumnet Name :	P8
Client Sample ID :	LF012MW028-180409DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 19:49:09	DataFile Name :	082SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1217	1433	1342	1331	8.17	cps
Zirconium	91-1	325	283	258	289	11.66	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-03DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW200-180409DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:52:32 DataFile Name : 083SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	2175	2400	2800	2459	12.88	cps
Arsenic	75-2	89	102	96	96	6.80	cps
Barium	135-1	21034	21535	20859	21143	1.66	cps
Barium	137-1	36752	37045	36694	36830	0.51	cps
Beryllium	9-1	106	122	161	130	21.99	cps
Bismuth	209-1	4824354	4788758	4913462	4842192	1.33	cps
Bismuth	209-2	1042320	1042757	1037794	1040957	0.26	cps
Boron	10-1	9812	10212	10162	10062	2.17	cps
Boron	11-1	45732	46276	48449	46819	3.07	cps
Cadmium	111-1	696	497	566	586	17.25	cps
Cadmium	106-1	942	658	733	778	18.88	cps
Cadmium	108-1	25	8	8	14	69.31	cps
Calcium	43-1	490447	490474	499908	493610	1.10	cps
Calcium	44-1	8137486	8037728	8266559	8147258	1.41	cps
Chromium	52-2	290	257	270	272	6.16	cps
Cobalt	59-2	163	140	170	158	9.98	cps
Copper	63-2	430	353	367	383	10.69	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	33	42	25	33	25.01	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	6441441	6461456	6596135	6499677	1.29	cps
Holmium	165-2	1219381	1218407	1217185	1218324	0.09	cps
Indium	115-1	4697082	4662330	4767578	4708996	1.14	cps
Indium	115-2	169066	168897	168413	168792	0.20	cps
Iron	56-2	548036	550372	545732	548047	0.42	cps
Iron	57-2	14169	13835	13490	13831	2.45	cps
Krypton	83-1	303	337	333	324	5.66	cps
Lead	206-1	506	461	578	515	11.44	cps
Lead	207-1	439	439	450	443	1.45	cps
Lead	208-1	2106	1906	2028	2013	5.01	cps
Lithium	6-1	662922	660214	672796	665311	1.00	cps
Magnesium	24-2	100696	101804	99287	100595	1.25	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-03DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW200-180409DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:52:32 DataFile Name : 083SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15469	15719	15565	15584	0.81	cps
Molybdenum	94-1	1017	967	800	928	12.23	cps
Molybdenum	95-1	983	1350	1200	1178	15.65	cps
Molybdenum	96-1	1042	1483	1617	1381	21.80	cps
Molybdenum	97-1	700	700	842	747	10.95	cps
Molybdenum	98-1	1617	1950	1942	1836	10.35	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	353	337	347	346	2.43	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	13215	12906	13165	13095	1.26	cps
Rhodium	103-1	4133790	4096664	4253718	4161391	1.97	cps
Rhodium	103-2	994338	993858	986807	991667	0.43	cps
Scandium	45-1	1999230	2000825	2045042	2015032	1.29	cps
Scandium	45-2	13050	12949	12723	12907	1.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	4	-19	-16	-10	-121.37	cps
Silicon	28-1	4128827	4049727	4217394	4131982	2.03	cps
Silver	109-1	383	533	525	481	17.54	cps
Silver	107-1	442	400	400	414	5.81	cps
Sodium	23-2	495260	490353	491246	492286	0.53	cps
Strontium	86-1	389554	389903	403126	394194	1.96	cps
Strontium	88-1	3487610	3509400	3588280	3528430	1.50	cps
Sulfur	34-1	524136	526477	528881	526498	0.45	cps
Terbium	159-1	6643741	6664995	6737817	6682184	0.74	cps
Terbium	159-2	1162753	1150187	1150645	1154528	0.62	cps
Thallium	203-1	283	192	350	275	28.91	cps
Thallium	205-1	600	617	625	614	2.07	cps
Tin	118-1	1258	1358	1483	1367	8.25	cps
Titanium	47-1	175	192	217	194	10.79	cps
Uranium	238-1	2375	2159	2509	2348	7.53	cps
Vanadium	51-2	50	27	30	36	35.49	cps
Yttrium	89-1	4504883	4470853	4613565	4529767	1.65	cps
Yttrium	89-2	114192	114085	112445	113574	0.86	cps
Zinc	66-2	767	800	737	768	4.13	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-03DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW200-180409DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 19:52:32	DataFile Name :	083SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	967	1250	1058	1092	13.25	cps
Zirconium	91-1	192	283	250	242	19.20	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-04DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0439-180409DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 19:55:55	DataFile Name :	084SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	17	22	43.28	cps
Antimony	121-1	3025	3367	3442	3278	6.78	cps
Arsenic	75-2	65	43	48	52	22.31	cps
Barium	135-1	44936	45086	45546	45189	0.70	cps
Barium	137-1	77955	77913	78692	78187	0.56	cps
Beryllium	9-1	94	178	144	139	30.20	cps
Bismuth	209-1	4940313	4973289	4918183	4943928	0.56	cps
Bismuth	209-2	1047709	1039496	1046696	1044634	0.43	cps
Boron	10-1	7152	7302	8061	7505	6.49	cps
Boron	11-1	34643	36406	35269	35439	2.52	cps
Cadmium	111-1	3936	4115	3995	4015	2.27	cps
Cadmium	106-1	975	1033	1067	1025	4.53	cps
Cadmium	108-1	258	233	242	244	5.21	cps
Calcium	43-1	613361	613404	609629	612131	0.35	cps
Calcium	44-1	10057905	9998923	9963367	10006732	0.48	cps
Chromium	52-2	403	337	367	369	9.05	cps
Cobalt	59-2	1193	1093	1177	1155	4.64	cps
Copper	63-2	6368	6425	6358	6384	0.56	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	83	50	61	31.50	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	42	42	67	50	28.87	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	6683287	6669144	6624727	6659053	0.46	cps
Holmium	165-2	1224782	1213788	1227868	1222146	0.61	cps
Indium	115-1	4835534	4860794	4822558	4839629	0.40	cps
Indium	115-2	168387	169104	169468	168986	0.33	cps
Iron	56-2	380088	381735	376043	379288	0.77	cps
Iron	57-2	9987	9420	9687	9698	2.93	cps
Krypton	83-1	337	343	333	338	1.51	cps
Lead	206-1	4796	4957	4846	4866	1.70	cps
Lead	207-1	4229	4179	3934	4114	3.83	cps
Lead	208-1	19412	19167	18800	19127	1.61	cps
Lithium	6-1	667001	675258	675467	672575	0.72	cps
Magnesium	24-2	65777	64656	65459	65298	0.88	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-04DLX5 Instrumnet Name : P8
 Client Sample ID : DUP-0439-180409DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:55:55 DataFile Name : 084SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17081	17134	16974	17063	0.48	cps
Molybdenum	94-1	1067	1167	1100	1111	4.58	cps
Molybdenum	95-1	1367	1383	1458	1403	3.48	cps
Molybdenum	96-1	1492	1775	1775	1681	9.73	cps
Molybdenum	97-1	925	900	858	895	3.77	cps
Molybdenum	98-1	2100	2059	2417	2192	8.94	cps
Neodymium	150-1	13	33	7	18	78.05	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2377	2467	2504	2449	2.66	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	13857	14833	14083	14258	3.58	cps
Rhodium	103-1	4265725	4264027	4257977	4262576	0.10	cps
Rhodium	103-2	989703	988256	994549	990836	0.33	cps
Scandium	45-1	2067018	2054504	2027132	2049551	1.00	cps
Scandium	45-2	12946	13130	13190	13089	0.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	-8	-19	-38	-22	-70.10	cps
Silicon	28-1	3791367	3783285	3769794	3781482	0.29	cps
Silver	109-1	842	900	808	850	5.46	cps
Silver	107-1	717	908	850	825	11.91	cps
Sodium	23-2	335814	335636	337140	336197	0.24	cps
Strontium	86-1	341469	339086	339754	340103	0.36	cps
Strontium	88-1	3045257	3064987	3053027	3054424	0.33	cps
Sulfur	34-1	638173	632542	636184	635633	0.45	cps
Terbium	159-1	6839764	6762466	6765180	6789137	0.65	cps
Terbium	159-2	1151695	1150701	1153717	1152038	0.13	cps
Thallium	203-1	258	267	308	278	9.64	cps
Thallium	205-1	675	558	558	597	11.28	cps
Tin	118-1	1375	1192	1333	1300	7.39	cps
Titanium	47-1	150	133	167	150	11.11	cps
Uranium	238-1	4951	5151	4668	4923	4.94	cps
Vanadium	51-2	103	100	67	90	22.53	cps
Yttrium	89-1	4648465	4643014	4669362	4653614	0.30	cps
Yttrium	89-2	113137	111416	113241	112598	0.91	cps
Zinc	66-2	3851	3921	3854	3875	1.02	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-04DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0439-180409DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 19:55:55	DataFile Name :	084SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	983	992	1008	995	1.28	cps
Zirconium	91-1	283	233	175	231	23.52	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05DL2X5	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 19:59:18	DataFile Name :	085SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	42	17	22	78.07	cps
Antimony	121-1	1800	2200	2209	2070	11.28	cps
Arsenic	75-2	43	28	50	40	28.20	cps
Barium	135-1	9771	10213	10038	10007	2.22	cps
Barium	137-1	17404	16870	17729	17334	2.50	cps
Beryllium	9-1	106	94	100	100	5.55	cps
Bismuth	209-1	4944066	4952458	4883862	4926795	0.76	cps
Bismuth	209-2	1049681	1046913	1039010	1045201	0.53	cps
Boron	10-1	10329	11196	10087	10538	5.53	cps
Boron	11-1	49837	50440	51451	50576	1.61	cps
Cadmium	111-1	521	648	636	602	11.70	cps
Cadmium	106-1	708	883	842	811	11.27	cps
Cadmium	108-1	0	17	4	7	124.88	cps
Calcium	43-1	770501	765349	770100	768650	0.37	cps
Calcium	44-1	12637010	12693986	12734530	12688509	0.39	cps
Chromium	52-2	293	323	270	296	9.05	cps
Cobalt	59-2	147	193	183	174	14.09	cps
Copper	63-2	227	263	250	247	7.52	cps
Dysprosium	156-1	33	0	33	22	86.60	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	58	67	25	50	44.10	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	75	100	67	81	21.53	cps
Gadolinium	160-2	7	3	17	9	78.08	cps
Holmium	165-1	6662596	6676576	6663262	6667478	0.12	cps
Holmium	165-2	1232104	1227234	1227138	1228825	0.23	cps
Indium	115-1	4848256	4839139	4815750	4834382	0.35	cps
Indium	115-2	170129	169997	169272	169799	0.27	cps
Iron	56-2	259666	260746	259854	260089	0.22	cps
Iron	57-2	6602	6830	6691	6707	1.71	cps
Krypton	83-1	307	313	293	304	3.35	cps
Lead	206-1	533	517	522	524	1.62	cps
Lead	207-1	461	406	578	482	18.26	cps
Lead	208-1	2222	2083	2272	2193	4.46	cps
Lithium	6-1	668880	675949	674426	673085	0.55	cps
Magnesium	24-2	224452	226374	223994	224940	0.56	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05DL2X5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 19:59:18 DataFile Name : 085SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9590	10000	9680	9757	2.21	cps
Molybdenum	94-1	708	817	783	770	7.21	cps
Molybdenum	95-1	625	742	858	742	15.73	cps
Molybdenum	96-1	908	717	842	822	11.83	cps
Molybdenum	97-1	467	567	458	497	12.13	cps
Molybdenum	98-1	1175	1283	1175	1211	5.16	cps
Neodymium	150-1	0	53	27	27	100.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	577	477	507	520	9.87	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	15734	15826	14692	15417	4.09	cps
Rhodium	103-1	4270753	4307036	4281020	4286270	0.44	cps
Rhodium	103-2	999053	994046	995821	996307	0.25	cps
Scandium	45-1	2099344	2047915	2076498	2074585	1.24	cps
Scandium	45-2	13240	13160	13163	13187	0.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	25	15	39	26	45.00	cps
Silicon	28-1	4303594	4316266	4294439	4304766	0.25	cps
Silver	109-1	308	308	383	333	12.99	cps
Silver	107-1	558	383	400	447	21.60	cps
Sodium	23-2	674304	676066	666369	672246	0.77	cps
Strontium	86-1	811174	805910	810200	809095	0.35	cps
Strontium	88-1	7191064	7185235	7222353	7199550	0.28	cps
Sulfur	34-1	1079133	1073618	1048021	1066924	1.56	cps
Terbium	159-1	6821602	6825764	6775602	6807656	0.41	cps
Terbium	159-2	1163036	1162195	1152221	1159151	0.52	cps
Thallium	203-1	167	158	258	194	28.54	cps
Thallium	205-1	508	492	458	486	5.24	cps
Tin	118-1	1158	1308	1225	1231	6.11	cps
Titanium	47-1	267	292	217	258	14.78	cps
Uranium	238-1	5677	5693	5193	5521	5.15	cps
Vanadium	51-2	77	100	90	89	13.17	cps
Yttrium	89-1	4705442	4675443	4705712	4695533	0.37	cps
Yttrium	89-2	115034	114605	112965	114201	0.96	cps
Zinc	66-2	93	70	73	79	16.00	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05DL2X5	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 19:59:18	DataFile Name :	085SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	883	800	950	878	8.56	cps
Zirconium	91-1	158	100	208	156	34.86	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05DUPDLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:02:41 DataFile Name : 086SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	58	42	34.65	cps
Antimony	121-1	1709	1875	1909	1831	5.85	cps
Arsenic	75-2	63	48	24	45	43.56	cps
Barium	135-1	9871	10455	10313	10213	2.98	cps
Barium	137-1	17504	17796	18597	17966	3.15	cps
Beryllium	9-1	128	83	161	124	31.45	cps
Bismuth	209-1	4909756	4863113	4915256	4896042	0.59	cps
Bismuth	209-2	1037567	1038405	1033210	1036394	0.27	cps
Boron	10-1	10446	10838	10563	10615	1.90	cps
Boron	11-1	47622	48767	50515	48968	2.98	cps
Cadmium	111-1	519	645	461	542	17.43	cps
Cadmium	106-1	692	875	575	714	21.18	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Calcium	43-1	756365	750658	755288	754103	0.40	cps
Calcium	44-1	12409285	12458658	12394593	12420845	0.27	cps
Chromium	52-2	323	280	290	298	7.62	cps
Cobalt	59-2	160	177	187	174	7.72	cps
Copper	63-2	303	303	223	277	16.69	cps
Dysprosium	156-1	33	67	50	50	33.34	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	42	67	125	78	54.98	cps
Gadolinium	160-2	10	0	3	4	114.60	cps
Holmium	165-1	6644742	6601297	6700170	6648736	0.75	cps
Holmium	165-2	1215642	1221266	1211880	1216263	0.39	cps
Indium	115-1	4810100	4850282	4820062	4826815	0.43	cps
Indium	115-2	171489	170981	168487	170319	0.94	cps
Iron	56-2	258588	253453	253793	255278	1.12	cps
Iron	57-2	6869	6641	6446	6652	3.18	cps
Krypton	83-1	340	333	300	324	6.60	cps
Lead	206-1	428	400	428	419	3.83	cps
Lead	207-1	411	400	361	391	6.72	cps
Lead	208-1	1600	1733	1667	1667	4.00	cps
Lithium	6-1	671965	671360	674930	672752	0.28	cps
Magnesium	24-2	222098	221135	220070	221101	0.46	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05DUPDLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:02:41 DataFile Name : 086SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9430	9840	9647	9639	2.13	cps
Molybdenum	94-1	725	825	650	733	11.97	cps
Molybdenum	95-1	775	733	792	767	3.92	cps
Molybdenum	96-1	717	1158	975	950	23.36	cps
Molybdenum	97-1	567	433	650	550	19.87	cps
Molybdenum	98-1	1108	1192	1308	1203	8.35	cps
Neodymium	150-1	20	53	20	31	61.87	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	493	477	450	473	4.62	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	14575	14975	15801	15117	4.14	cps
Rhodium	103-1	4283202	4299299	4241079	4274527	0.70	cps
Rhodium	103-2	995700	1000517	990388	995535	0.51	cps
Scandium	45-1	2085798	2047719	2079123	2070880	0.98	cps
Scandium	45-2	13080	12876	12990	12982	0.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-4	28	16	13	122.70	cps
Silicon	28-1	4265480	4287346	4310980	4287935	0.53	cps
Silver	109-1	267	300	233	267	12.50	cps
Silver	107-1	350	292	400	347	15.62	cps
Sodium	23-2	668053	661456	666890	665466	0.53	cps
Strontium	86-1	796504	800465	801359	799443	0.32	cps
Strontium	88-1	7036259	7112305	7038641	7062402	0.61	cps
Sulfur	34-1	1069902	1053659	1065546	1063036	0.79	cps
Terbium	159-1	6752844	6780510	6825818	6786391	0.54	cps
Terbium	159-2	1159879	1160370	1152641	1157630	0.37	cps
Thallium	203-1	133	192	208	178	22.15	cps
Thallium	205-1	450	433	533	472	11.35	cps
Tin	118-1	1192	1158	1317	1222	6.83	cps
Titanium	47-1	200	283	183	222	24.12	cps
Uranium	238-1	5877	5868	5393	5713	4.85	cps
Vanadium	51-2	77	77	80	78	2.47	cps
Yttrium	89-1	4700201	4718886	4691918	4703668	0.29	cps
Yttrium	89-2	114985	113870	113718	114191	0.61	cps
Zinc	66-2	83	83	60	76	17.83	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:02:41	DataFile Name :	086SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	925	917	950	931	1.86	cps
Zirconium	91-1	167	192	167	175	8.25	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05LDLX10 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410LD Dilution Factor : 10
 Date & Time Acquired :: 2018-04-17 20:06:03 DataFile Name : 087SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	25	11	114.58	cps
Antimony	121-1	433	567	475	492	13.87	cps
Arsenic	75-2	7	19	2	9	91.66	cps
Barium	135-1	1959	2125	1875	1986	6.41	cps
Barium	137-1	3559	3734	3709	3667	2.58	cps
Beryllium	9-1	122	106	122	117	8.25	cps
Bismuth	209-1	4925347	4926575	4933821	4928581	0.09	cps
Bismuth	209-2	1045335	1044145	1047854	1045778	0.18	cps
Boron	10-1	2967	2617	3201	2928	10.03	cps
Boron	11-1	13507	13523	13257	13429	1.11	cps
Cadmium	111-1	399	615	600	538	22.45	cps
Cadmium	106-1	550	867	850	756	23.59	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	156210	156251	154153	155538	0.77	cps
Calcium	44-1	2578848	2587300	2599488	2588545	0.40	cps
Chromium	52-2	213	260	250	241	10.19	cps
Cobalt	59-2	50	60	63	58	12.01	cps
Copper	63-2	170	217	230	206	15.33	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	33	42	67	47	36.74	cps
Gadolinium	160-2	7	17	0	8	107.84	cps
Holmium	165-1	6624826	6541329	6591584	6585913	0.64	cps
Holmium	165-2	1230016	1220194	1225488	1225233	0.40	cps
Indium	115-1	4878476	4910627	4901143	4896749	0.34	cps
Indium	115-2	176911	175830	177695	176812	0.53	cps
Iron	56-2	54787	54619	54345	54584	0.41	cps
Iron	57-2	1372	1317	1111	1267	10.86	cps
Krypton	83-1	277	370	400	349	18.43	cps
Lead	206-1	306	367	328	333	9.28	cps
Lead	207-1	267	228	189	228	17.07	cps
Lead	208-1	1261	1172	1145	1193	5.11	cps
Lithium	6-1	642908	647709	647141	645920	0.41	cps
Magnesium	24-2	46812	48718	46511	47347	2.53	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-05LDLX10 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410LD Dilution Factor : 10
 Date & Time Acquired :: 2018-04-17 20:06:03 DataFile Name : 087SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2074	2217	1867	2052	8.57	cps
Molybdenum	94-1	267	300	333	300	11.11	cps
Molybdenum	95-1	267	175	275	239	23.23	cps
Molybdenum	96-1	333	350	333	339	2.84	cps
Molybdenum	97-1	225	125	275	208	36.66	cps
Molybdenum	98-1	383	267	500	383	30.44	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	267	287	303	286	6.43	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	4401	4309	4451	4387	1.64	cps
Rhodium	103-1	4387170	4342454	4334707	4354777	0.65	cps
Rhodium	103-2	1027577	1024644	1030771	1027664	0.30	cps
Scandium	45-1	2144013	2137219	2149614	2143615	0.29	cps
Scandium	45-2	14154	14074	14021	14083	0.48	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	97	-27	-93	-7	-1316.28	cps
Silicon	28-1	1125997	1110040	1105780	1113939	0.96	cps
Silver	109-1	158	150	158	156	3.09	cps
Silver	107-1	183	142	192	172	15.56	cps
Sodium	23-2	143608	143922	140875	142802	1.17	cps
Strontium	86-1	161180	161199	161427	161269	0.09	cps
Strontium	88-1	1437341	1430760	1397018	1421707	1.52	cps
Sulfur	34-1	434520	436007	432605	434377	0.39	cps
Terbium	159-1	6763591	6800640	6770121	6778117	0.29	cps
Terbium	159-2	1164622	1154995	1159212	1159610	0.42	cps
Thallium	203-1	100	167	100	122	31.49	cps
Thallium	205-1	367	342	342	350	4.12	cps
Tin	118-1	333	408	400	381	10.80	cps
Titanium	47-1	117	183	108	136	30.20	cps
Uranium	238-1	1183	1150	1067	1133	5.30	cps
Vanadium	51-2	20	17	20	19	10.18	cps
Yttrium	89-1	4754777	4742913	4665130	4720940	1.03	cps
Yttrium	89-2	118737	119023	119094	118951	0.16	cps
Zinc	66-2	53	43	50	49	10.42	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-05LDLX10	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410LD	Dilution Factor :	10
Date & Time Acquired ::	2018-04-17 20:06:03	DataFile Name :	087SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	358	433	442	411	11.16	cps
Zirconium	91-1	75	150	125	117	32.74	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-06DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:09:27 DataFile Name : 088SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4726	4201	4543	4490	5.94	cps
Antimony	121-1	655483	647081	649785	650783	0.66	cps
Arsenic	75-2	5281	5101	5342	5241	2.39	cps
Barium	135-1	703526	706583	696969	702359	0.70	cps
Barium	137-1	1232902	1239061	1227627	1233197	0.46	cps
Beryllium	9-1	53170	51559	53405	52712	1.91	cps
Bismuth	209-1	4769013	4776366	4758780	4768053	0.19	cps
Bismuth	209-2	1001555	990880	992233	994890	0.58	cps
Boron	10-1	16018	15334	15576	15642	2.22	cps
Boron	11-1	72945	77158	76252	75452	2.94	cps
Cadmium	111-1	133591	131584	131935	132370	0.81	cps
Cadmium	106-1	14558	13933	13666	14052	3.26	cps
Cadmium	108-1	9416	9758	9224	9466	2.86	cps
Calcium	43-1	864170	855879	854163	858071	0.62	cps
Calcium	44-1	14220088	14033439	14004672	14086066	0.83	cps
Chromium	52-2	37427	37153	36511	37030	1.27	cps
Cobalt	59-2	84622	84417	82828	83956	1.17	cps
Copper	63-2	149681	150420	149955	150019	0.25	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	700	733	567	667	13.23	cps
Erbium	164-2	150	123	113	129	14.70	cps
Gadolinium	160-1	150	75	92	106	37.31	cps
Gadolinium	160-2	10	27	7	14	74.18	cps
Holmium	165-1	6486174	6421001	6428072	6445082	0.55	cps
Holmium	165-2	1179934	1177579	1168223	1175245	0.53	cps
Indium	115-1	4658963	4606863	4629148	4631658	0.56	cps
Indium	115-2	158830	158544	158864	158746	0.11	cps
Iron	56-2	1535064	1520541	1512366	1522657	0.76	cps
Iron	57-2	38080	36950	36442	37157	2.26	cps
Krypton	83-1	337	320	333	330	2.67	cps
Lead	206-1	498556	506856	500020	501811	0.88	cps
Lead	207-1	456650	456010	456955	456538	0.11	cps
Lead	208-1	2052802	2054321	2057839	2054987	0.13	cps
Lithium	6-1	651585	649390	654567	651847	0.40	cps
Magnesium	24-2	331237	328728	326076	328680	0.79	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-06DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:09:27 DataFile Name : 088SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29635	28940	29338	29304	1.19	cps
Molybdenum	94-1	986128	980078	983166	983124	0.31	cps
Molybdenum	95-1	1211767	1189943	1194710	1198807	0.96	cps
Molybdenum	96-1	1362885	1339621	1323993	1342166	1.46	cps
Molybdenum	97-1	764009	758753	751023	757928	0.86	cps
Molybdenum	98-1	2036497	2032880	2043870	2037749	0.27	cps
Neodymium	150-1	53	67	60	60	11.11	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	25303	25280	24983	25189	0.71	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	46127	45658	45341	45708	0.87	cps
Rhodium	103-1	4129311	4127740	4109999	4122350	0.26	cps
Rhodium	103-2	946102	942709	935420	941410	0.58	cps
Scandium	45-1	1983571	1975592	1977177	1978780	0.21	cps
Scandium	45-2	12642	12069	12159	12290	2.51	cps
Selenium	77-2	23	17	30	23	28.56	cps
Selenium	78-2	100	102	122	108	11.41	cps
Selenium	82-1	7700	7470	7323	7498	2.54	cps
Silicon	28-1	4482691	4424487	4418687	4441955	0.80	cps
Silver	109-1	621792	617851	614221	617954	0.61	cps
Silver	107-1	637190	639042	644229	640154	0.57	cps
Sodium	23-2	914269	915562	906308	912047	0.55	cps
Strontium	86-1	953180	945519	952096	950265	0.44	cps
Strontium	88-1	8515709	8334681	8361397	8403929	1.16	cps
Sulfur	34-1	1067587	1061553	1035695	1054945	1.61	cps
Terbium	159-1	6657989	6648843	6515587	6607473	1.21	cps
Terbium	159-2	1100935	1109953	1108178	1106355	0.43	cps
Thallium	203-1	625759	621882	623834	623825	0.31	cps
Thallium	205-1	1507121	1511025	1502757	1506967	0.27	cps
Tin	118-1	428264	427792	423295	426450	0.64	cps
Titanium	47-1	252656	244108	246964	247909	1.76	cps
Uranium	238-1	2196633	2208339	2237894	2214289	0.96	cps
Vanadium	51-2	26449	26485	26936	26623	1.02	cps
Yttrium	89-1	4540784	4479836	4517997	4512872	0.68	cps
Yttrium	89-2	108775	107862	107465	108034	0.62	cps
Zinc	66-2	13003	13073	13000	13025	0.32	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-06DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410M5	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:09:27	DataFile Name :	088SMPL_P8041718- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	831249	825111	820871	825744	0.63	cps
Zirconium	91-1	184044	185532	181756	183777	1.04	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-07DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:12:50 DataFile Name : 089SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4518	5218	4984	4907	7.27	cps
Antimony	121-1	659545	661223	662066	660945	0.19	cps
Arsenic	75-2	5194	5333	5388	5305	1.89	cps
Barium	135-1	709700	715241	714369	713103	0.42	cps
Barium	137-1	1257064	1250404	1253995	1253821	0.27	cps
Beryllium	9-1	53221	53756	53388	53455	0.51	cps
Bismuth	209-1	4874786	4852432	4891770	4872996	0.40	cps
Bismuth	209-2	1031596	1028878	1028190	1029555	0.17	cps
Boron	10-1	15926	16836	17378	16713	4.39	cps
Boron	11-1	78121	79780	79906	79269	1.26	cps
Cadmium	111-1	133284	134215	133510	133670	0.36	cps
Cadmium	106-1	14433	14467	14692	14531	0.97	cps
Cadmium	108-1	9207	9345	9207	9253	0.86	cps
Calcium	43-1	871941	868654	871945	870847	0.22	cps
Calcium	44-1	14360441	14282087	14277408	14306645	0.33	cps
Chromium	52-2	38035	37307	36862	37401	1.58	cps
Cobalt	59-2	84648	84380	84971	84666	0.35	cps
Copper	63-2	150427	151468	150844	150913	0.35	cps
Dysprosium	156-1	50	17	33	33	50.00	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	767	600	758	708	13.26	cps
Erbium	164-2	110	90	120	107	14.32	cps
Gadolinium	160-1	50	133	75	86	49.66	cps
Gadolinium	160-2	13	23	27	21	32.88	cps
Holmium	165-1	6613639	6598077	6626877	6612865	0.22	cps
Holmium	165-2	1212354	1204322	1206093	1207589	0.35	cps
Indium	115-1	4746324	4733137	4687420	4722294	0.65	cps
Indium	115-2	161676	161957	162781	162138	0.35	cps
Iron	56-2	1545329	1519624	1517827	1527593	1.01	cps
Iron	57-2	38091	37395	36198	37228	2.57	cps
Krypton	83-1	347	357	293	332	10.25	cps
Lead	206-1	515349	510531	516127	514002	0.59	cps
Lead	207-1	465196	466656	468232	466694	0.33	cps
Lead	208-1	2097109	2094116	2108651	2099959	0.37	cps
Lithium	6-1	662077	662021	664111	662737	0.18	cps
Magnesium	24-2	335393	337034	334355	335594	0.40	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-07DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW001-180410MS Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:12:50 DataFile Name : 089SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30123	29455	29047	29541	1.84	cps
Molybdenum	94-1	993069	999724	1001845	998213	0.46	cps
Molybdenum	95-1	1217270	1215189	1224034	1218831	0.38	cps
Molybdenum	96-1	1371005	1438041	1426773	1411940	2.54	cps
Molybdenum	97-1	768368	767312	760249	765310	0.58	cps
Molybdenum	98-1	2060152	2042508	2053334	2051998	0.43	cps
Neodymium	150-1	60	60	60	60	0.00	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	25821	25580	24953	25451	1.76	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	46628	45859	45349	45946	1.40	cps
Rhodium	103-1	4206989	4202783	4170358	4193377	0.48	cps
Rhodium	103-2	962867	957897	957394	959386	0.32	cps
Scandium	45-1	2036577	1994738	2016007	2015774	1.04	cps
Scandium	45-2	12479	12609	12319	12469	1.17	cps
Selenium	77-2	37	33	23	31	22.31	cps
Selenium	78-2	109	85	128	107	19.88	cps
Selenium	82-1	8011	7751	7644	7802	2.43	cps
Silicon	28-1	4538580	4520804	4529536	4529640	0.20	cps
Silver	109-1	620054	625010	629149	624738	0.73	cps
Silver	107-1	649241	644679	649769	647896	0.43	cps
Sodium	23-2	932346	923976	926080	927467	0.47	cps
Strontium	86-1	973853	980131	974135	976040	0.36	cps
Strontium	88-1	8566225	8574507	8664594	8601775	0.63	cps
Sulfur	34-1	1084509	1053152	1067067	1068243	1.47	cps
Terbium	159-1	6777202	6748293	6781786	6769093	0.27	cps
Terbium	159-2	1139097	1147529	1138883	1141836	0.43	cps
Thallium	203-1	641902	633314	642563	639260	0.81	cps
Thallium	205-1	1541945	1540854	1546661	1543153	0.20	cps
Tin	118-1	434952	435966	431320	434079	0.56	cps
Titanium	47-1	251444	249839	252478	251254	0.53	cps
Uranium	238-1	2290167	2278734	2275804	2281568	0.33	cps
Vanadium	51-2	27537	27066	26489	27031	1.94	cps
Yttrium	89-1	4554838	4558559	4633891	4582429	0.97	cps
Yttrium	89-2	109236	107700	108194	108377	0.72	cps
Zinc	66-2	13023	12653	13327	13001	2.60	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-07DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW001-180410M5	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:12:50	DataFile Name :	089SMPL_P8041718- M5

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	829820	833208	829434	830821	0.25	cps
Zirconium	91-1	183139	186073	184439	184550	0.80	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-08DLX5 Instrumnet Name : P8
 Client Sample ID : LF012OW009-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:16:11 DataFile Name : 090SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	92	75	86	11.17	cps
Antimony	121-1	1417	1517	1375	1436	5.07	cps
Arsenic	75-2	44	61	52	52	15.92	cps
Barium	135-1	58764	59577	58379	58907	1.04	cps
Barium	137-1	103662	103024	102672	103120	0.49	cps
Beryllium	9-1	133	156	194	161	19.20	cps
Bismuth	209-1	4656087	4981716	4928794	4855532	3.60	cps
Bismuth	209-2	1040319	1032227	1033868	1035471	0.41	cps
Boron	10-1	4026	3826	3901	3917	2.58	cps
Boron	11-1	18479	18421	18913	18604	1.45	cps
Cadmium	111-1	484	588	539	537	9.66	cps
Cadmium	106-1	658	775	725	719	8.14	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	263372	262028	256705	260702	1.35	cps
Calcium	44-1	4346030	4371617	4285968	4334538	1.01	cps
Chromium	52-2	257	277	253	262	4.81	cps
Cobalt	59-2	83	80	57	73	19.81	cps
Copper	63-2	347	277	297	307	11.76	cps
Dysprosium	156-1	25	75	67	56	48.22	cps
Dysprosium	156-2	10	13	30	18	60.28	cps
Erbium	164-1	25	67	83	58	51.51	cps
Erbium	164-2	20	0	10	10	100.00	cps
Gadolinium	160-1	108	117	100	108	7.69	cps
Gadolinium	160-2	13	7	20	13	49.99	cps
Holmium	165-1	6174592	6659410	6626223	6486742	4.18	cps
Holmium	165-2	1198318	1193266	1183192	1191592	0.65	cps
Indium	115-1	4476862	4698116	4754708	4643228	3.16	cps
Indium	115-2	163711	160013	161307	161677	1.16	cps
Iron	56-2	240531	238290	240568	239796	0.54	cps
Iron	57-2	6007	5868	6129	6001	2.18	cps
Krypton	83-1	333	280	300	304	8.85	cps
Lead	206-1	828	778	778	794	3.63	cps
Lead	207-1	733	800	711	748	6.18	cps
Lead	208-1	3339	3361	3184	3295	2.94	cps
Lithium	6-1	635622	674662	674370	661551	3.39	cps
Magnesium	24-2	37292	38227	36840	37453	1.89	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-08DLX5 Instrumnet Name : P8
 Client Sample ID : LF012OW009-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:16:11 DataFile Name : 090SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6088	6001	6232	6107	1.90	cps
Molybdenum	94-1	1475	1925	1859	1753	13.86	cps
Molybdenum	95-1	1650	1875	1884	1803	7.34	cps
Molybdenum	96-1	1692	2042	2425	2053	17.87	cps
Molybdenum	97-1	1008	1200	1308	1172	12.96	cps
Molybdenum	98-1	2400	2934	2867	2734	10.63	cps
Neodymium	150-1	127	93	107	109	15.41	cps
Neodymium	150-2	13	20	10	14	35.26	cps
Nickel	60-2	303	377	317	332	11.76	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	9337	9353	9337	9342	0.10	cps
Rhodium	103-1	3948752	4190692	4178359	4105934	3.32	cps
Rhodium	103-2	966604	963057	957902	962521	0.45	cps
Scandium	45-1	1869304	1997023	1999273	1955200	3.81	cps
Scandium	45-2	12993	12462	12436	12630	2.49	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-6	27	19	13	131.38	cps
Silicon	28-1	2990118	3005463	2994013	2996531	0.27	cps
Silver	109-1	358	325	258	314	16.22	cps
Silver	107-1	300	317	267	294	8.65	cps
Sodium	23-2	170746	169887	168402	169678	0.70	cps
Strontium	86-1	194558	192337	191142	192679	0.90	cps
Strontium	88-1	1733311	1747098	1723355	1734588	0.69	cps
Sulfur	34-1	272801	273202	269048	271683	0.84	cps
Terbium	159-1	6235573	6723320	6758650	6572514	4.45	cps
Terbium	159-2	1137094	1130853	1120692	1129546	0.73	cps
Thallium	203-1	492	383	450	442	12.37	cps
Thallium	205-1	1042	1000	975	1006	3.35	cps
Tin	118-1	1634	1442	1550	1542	6.23	cps
Titanium	47-1	492	333	517	447	22.24	cps
Uranium	238-1	6027	6102	6552	6227	4.56	cps
Vanadium	51-2	43	47	67	52	24.17	cps
Yttrium	89-1	4237085	4534682	4503433	4425066	3.70	cps
Yttrium	89-2	108359	108399	107569	108109	0.43	cps
Zinc	66-2	413	387	413	404	3.81	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-08DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012OW009-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:16:11	DataFile Name :	090SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1550	1483	1592	1542	3.54	cps
Zirconium	91-1	400	358	392	383	5.75	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 20:19:35	DataFile Name :	091CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145019	145126	149588	146578	1.78	cps
Antimony	121-1	3275997	3312313	3315465	3301258	0.66	cps
Arsenic	75-2	28708	28741	28823	28757	0.21	cps
Barium	135-1	3672812	3658488	3640467	3657255	0.44	cps
Barium	137-1	6386231	6359230	6336044	6360502	0.39	cps
Beryllium	9-1	286333	287238	289876	287816	0.64	cps
Bismuth	209-1	4771149	4708277	4694008	4724478	0.87	cps
Bismuth	209-2	1003491	1004921	1006544	1004985	0.15	cps
Boron	10-1	32329	33532	33248	33036	1.90	cps
Boron	11-1	149741	151501	159369	153537	3.34	cps
Cadmium	111-1	658136	656443	661519	658699	0.39	cps
Cadmium	106-1	68407	68224	68550	68393	0.24	cps
Cadmium	108-1	46714	46100	47241	46685	1.22	cps
Calcium	43-1	2694804	2719097	2726437	2713446	0.61	cps
Calcium	44-1	43214957	43512252	43908849	43545353	0.80	cps
Chromium	52-2	208608	211059	212903	210856	1.02	cps
Cobalt	59-2	457456	460455	459904	459272	0.35	cps
Copper	63-2	785349	787391	789980	787573	0.29	cps
Dysprosium	156-1	67	58	75	67	12.49	cps
Dysprosium	156-2	17	0	3	7	132.33	cps
Erbium	164-1	17	33	17	22	43.30	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	50	83	42	58	37.80	cps
Gadolinium	160-2	0	10	13	8	89.21	cps
Holmium	165-1	6694714	6664986	6685426	6681709	0.23	cps
Holmium	165-2	1232701	1244362	1238369	1238477	0.47	cps
Indium	115-1	4728020	4683161	4748582	4719921	0.71	cps
Indium	115-2	170806	173149	173172	172376	0.79	cps
Iron	56-2	34847717	34752638	34731681	34777345	0.18	cps
Iron	57-2	860522	864057	867525	864035	0.41	cps
Krypton	83-1	287	340	360	329	11.53	cps
Lead	206-1	2574396	2569003	2512147	2551849	1.35	cps
Lead	207-1	2349489	2353845	2342107	2348480	0.25	cps
Lead	208-1	10574381	10521146	10507162	10534230	0.34	cps
Lithium	6-1	616339	620394	622334	619689	0.49	cps
Magnesium	24-2	3351219	3359852	3401443	3370838	0.80	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 20:19:35	DataFile Name :	091CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	115314	117374	116541	116410	0.89	cps
Molybdenum	94-1	5160551	5177783	5105114	5147816	0.74	cps
Molybdenum	95-1	6272283	6331032	6330458	6311258	0.53	cps
Molybdenum	96-1	7111834	7062233	7134660	7102909	0.52	cps
Molybdenum	97-1	3996300	3989266	3936845	3974137	0.82	cps
Molybdenum	98-1	10185198	10181888	10193762	10186949	0.06	cps
Neodymium	150-1	193	140	147	160	18.16	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	133829	134539	136194	134854	0.90	cps
Phosphorus	31-2	1959	2184	1984	2042	6.04	cps
Potassium	39-2	924502	938741	946268	936504	1.18	cps
Rhodium	103-1	4185980	4161925	4229294	4192400	0.81	cps
Rhodium	103-2	994144	1001328	995043	996838	0.39	cps
Scandium	45-1	2181913	2211144	2225278	2206112	1.00	cps
Scandium	45-2	15168	15015	15165	15116	0.58	cps
Selenium	77-2	150	230	140	173	28.46	cps
Selenium	78-2	615	619	644	626	2.58	cps
Selenium	82-1	38875	38840	39522	39079	0.98	cps
Silicon	28-1	1163344	1170819	1192709	1175624	1.30	cps
Silver	109-1	3134853	3113855	3135041	3127916	0.39	cps
Silver	107-1	3223500	3254722	3213148	3230457	0.67	cps
Sodium	23-2	7759884	7855152	7875917	7830318	0.79	cps
Strontium	86-1	809864	811235	813701	811600	0.24	cps
Strontium	88-1	7127401	7118597	7175254	7140417	0.43	cps
Sulfur	34-1	382309	384998	388244	385184	0.77	cps
Terbium	159-1	6873516	6757709	6872900	6834709	0.98	cps
Terbium	159-2	1165045	1176694	1168748	1170162	0.51	cps
Thallium	203-1	3150929	3088141	3084940	3108003	1.20	cps
Thallium	205-1	7431094	7371782	7325949	7376275	0.71	cps
Tin	118-1	2252982	2275946	2271463	2266797	0.54	cps
Titanium	47-1	1374898	1343646	1390458	1369667	1.74	cps
Uranium	238-1	10675478	10636720	10705969	10672723	0.33	cps
Vanadium	51-2	155771	155640	156839	156083	0.42	cps
Yttrium	89-1	4779054	4747064	4807352	4777823	0.63	cps
Yttrium	89-2	122341	123600	124760	123567	0.98	cps
Zinc	66-2	71634	72552	71935	72040	0.65	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 20:19:35	DataFile Name :	091CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4295302	4340198	4415348	4350283	1.39	cps
Zirconium	91-1	938982	938502	947477	941653	0.54	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : CCB27 Instrumnet Name : P8
 Client Sample ID : CCB27 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 20:25:53 DataFile Name : 092CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	25	17	50.01	cps
Antimony	121-1	3817	4809	5418	4682	17.26	cps
Arsenic	75-2	7	17	9	11	44.09	cps
Barium	135-1	92	50	42	61	43.83	cps
Barium	137-1	58	50	83	64	27.15	cps
Beryllium	9-1	317	267	194	259	23.70	cps
Bismuth	209-1	5086261	5042227	5002264	5043584	0.83	cps
Bismuth	209-2	1011573	1070591	1072961	1051708	3.31	cps
Boron	10-1	900	775	858	845	7.54	cps
Boron	11-1	3826	3692	3734	3751	1.82	cps
Cadmium	111-1	670	594	617	627	6.25	cps
Cadmium	106-1	875	783	850	836	5.67	cps
Cadmium	108-1	13	0	17	10	89.22	cps
Calcium	43-1	467	508	467	481	5.01	cps
Calcium	44-1	8053	8420	7844	8105	3.59	cps
Chromium	52-2	203	167	300	223	30.84	cps
Cobalt	59-2	47	27	33	36	28.64	cps
Copper	63-2	143	120	113	126	12.55	cps
Dysprosium	156-1	42	17	17	25	57.73	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	42	17	17	25	57.73	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	6698904	6747773	6712622	6719767	0.38	cps
Holmium	165-2	1169067	1247083	1243008	1219719	3.60	cps
Indium	115-1	4914098	4948094	4967643	4943278	0.55	cps
Indium	115-2	168125	179719	179990	175945	3.85	cps
Iron	56-2	1628	1895	1745	1756	7.62	cps
Iron	57-2	56	11	44	37	62.45	cps
Krypton	83-1	323	280	330	311	8.73	cps
Lead	206-1	306	361	328	331	8.44	cps
Lead	207-1	289	278	339	302	10.78	cps
Lead	208-1	1428	1378	1378	1395	2.07	cps
Lithium	6-1	646938	647364	647827	647376	0.07	cps
Magnesium	24-2	283	300	367	317	13.93	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : CCB27 Instrumnet Name : P8
 Client Sample ID : CCB27 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 20:25:53 DataFile Name : 092CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	27	13	20	33.35	cps
Molybdenum	94-1	908	1458	1692	1353	29.73	cps
Molybdenum	95-1	1367	1709	2217	1764	24.25	cps
Molybdenum	96-1	1675	2234	2600	2170	21.47	cps
Molybdenum	97-1	833	1033	1400	1089	26.39	cps
Molybdenum	98-1	1775	3034	3801	2870	35.63	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	207	213	203	208	2.45	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1408	1267	1217	1297	7.66	cps
Rhodium	103-1	4494238	4506908	4441774	4480973	0.77	cps
Rhodium	103-2	988728	1048560	1055036	1030774	3.55	cps
Scandium	45-1	2172229	2184027	2192475	2182911	0.47	cps
Scandium	45-2	13794	13840	14464	14033	2.67	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	3	35	-24	5	649.25	cps
Silicon	28-1	239917	241018	261339	247424	4.88	cps
Silver	109-1	175	125	100	133	28.64	cps
Silver	107-1	175	167	175	172	2.79	cps
Sodium	23-2	3334	3267	3267	3289	1.17	cps
Strontium	86-1	567	467	400	478	17.56	cps
Strontium	88-1	308	242	300	283	12.82	cps
Sulfur	34-1	234989	237997	239845	237610	1.03	cps
Terbium	159-1	6911312	6917928	6878273	6902504	0.31	cps
Terbium	159-2	1105866	1174503	1188411	1156260	3.82	cps
Thallium	203-1	600	492	567	553	10.04	cps
Thallium	205-1	1233	1442	1542	1406	11.19	cps
Tin	118-1	1042	1275	1258	1192	10.92	cps
Titanium	47-1	125	142	150	139	9.16	cps
Uranium	238-1	208	150	117	158	29.31	cps
Vanadium	51-2	10	3	0	4	114.60	cps
Yttrium	89-1	4819796	4863599	4823777	4835724	0.50	cps
Yttrium	89-2	115321	122466	123192	120327	3.61	cps
Zinc	66-2	7	10	13	10	33.30	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P8
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 20:25:53	DataFile Name :	092CCBE_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	617	883	742	747	17.86	cps
Zirconium	91-1	150	158	208	172	18.32	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-09DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW042-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:29:17 DataFile Name : 093SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	167	92	114	40.30	cps
Antimony	121-1	4234	4651	5468	4784	13.12	cps
Arsenic	75-2	61	50	70	60	16.86	cps
Barium	135-1	35566	35081	33560	34735	3.01	cps
Barium	137-1	61200	62758	61628	61862	1.30	cps
Beryllium	9-1	144	178	167	163	10.41	cps
Bismuth	209-1	4996245	5029870	4945010	4990375	0.86	cps
Bismuth	209-2	1068167	1066587	1059431	1064729	0.44	cps
Boron	10-1	2159	2500	2600	2420	9.57	cps
Boron	11-1	10579	10596	11272	10816	3.65	cps
Cadmium	111-1	655	548	570	591	9.58	cps
Cadmium	106-1	792	692	708	731	7.33	cps
Cadmium	108-1	17	58	13	29	86.90	cps
Calcium	43-1	255548	253432	251997	253659	0.70	cps
Calcium	44-1	4172589	4184650	4189973	4182404	0.21	cps
Chromium	52-2	290	283	283	286	1.35	cps
Cobalt	59-2	130	143	203	159	24.59	cps
Copper	63-2	457	600	477	511	15.19	cps
Dysprosium	156-1	50	50	83	61	31.50	cps
Dysprosium	156-2	23	17	3	14	70.51	cps
Erbium	164-1	83	67	58	69	18.33	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	75	25	125	75	66.67	cps
Gadolinium	160-2	17	17	0	11	86.60	cps
Holmium	165-1	6647470	6681247	6658536	6662418	0.26	cps
Holmium	165-2	1233984	1224936	1224653	1227858	0.43	cps
Indium	115-1	4838113	4806245	4855171	4833176	0.51	cps
Indium	115-2	170765	171085	169699	170516	0.43	cps
Iron	56-2	69468	68669	68194	68777	0.94	cps
Iron	57-2	1889	1689	1695	1758	6.48	cps
Krypton	83-1	357	323	300	327	8.72	cps
Lead	206-1	806	928	889	874	7.14	cps
Lead	207-1	667	617	767	683	11.18	cps
Lead	208-1	3261	3434	3406	3367	2.75	cps
Lithium	6-1	649804	652253	649906	650654	0.21	cps
Magnesium	24-2	23996	23955	23320	23757	1.59	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-09DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW042-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:29:17 DataFile Name : 093SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5404	5261	5064	5243	3.26	cps
Molybdenum	94-1	1167	1467	1533	1389	14.06	cps
Molybdenum	95-1	1292	1442	1559	1431	9.35	cps
Molybdenum	96-1	1442	1508	1825	1592	12.87	cps
Molybdenum	97-1	867	842	1200	970	20.64	cps
Molybdenum	98-1	2059	2084	2817	2320	18.58	cps
Neodymium	150-1	80	73	153	102	43.42	cps
Neodymium	150-2	13	10	23	16	44.60	cps
Nickel	60-2	353	267	323	314	14.00	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	12690	12064	12723	12492	2.97	cps
Rhodium	103-1	4266874	4240457	4240647	4249326	0.36	cps
Rhodium	103-2	996914	1001459	997446	998606	0.25	cps
Scandium	45-1	2043917	2038239	2057667	2046608	0.49	cps
Scandium	45-2	12833	12849	13276	12986	1.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-52	-26	26	-17	-229.78	cps
Silicon	28-1	2155561	2166289	2148130	2156660	0.42	cps
Silver	109-1	575	458	467	500	13.02	cps
Silver	107-1	683	558	542	594	13.03	cps
Sodium	23-2	251323	250348	249884	250518	0.29	cps
Strontium	86-1	114470	113519	113409	113800	0.51	cps
Strontium	88-1	997129	998638	1000699	998822	0.18	cps
Sulfur	34-1	275519	273167	268358	272348	1.34	cps
Terbium	159-1	6811094	6873668	6851268	6845343	0.46	cps
Terbium	159-2	1159110	1164072	1160349	1161177	0.22	cps
Thallium	203-1	1242	958	800	1000	22.38	cps
Thallium	205-1	2634	2517	1834	2328	18.57	cps
Tin	118-1	1525	1533	1667	1575	5.05	cps
Titanium	47-1	358	350	317	342	6.45	cps
Uranium	238-1	4068	4068	3968	4034	1.43	cps
Vanadium	51-2	60	73	63	66	10.59	cps
Yttrium	89-1	4622458	4614315	4645415	4627396	0.35	cps
Yttrium	89-2	113543	113638	112647	113276	0.48	cps
Zinc	66-2	250	270	230	250	8.00	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-09DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012RW042-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:29:17	DataFile Name :	093SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1383	1592	1317	1431	10.03	cps
Zirconium	91-1	342	358	275	325	13.57	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012RW160-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:32:41	DataFile Name :	094SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	17	11	86.60	cps
Antimony	121-1	2692	3492	3417	3201	13.81	cps
Arsenic	75-2	19	17	22	19	14.77	cps
Barium	135-1	64223	62239	63202	63221	1.57	cps
Barium	137-1	111021	112130	112466	111873	0.68	cps
Beryllium	9-1	156	167	133	152	11.18	cps
Bismuth	209-1	4955715	4918242	4957320	4943759	0.45	cps
Bismuth	209-2	1046497	1049032	1043100	1046210	0.28	cps
Boron	10-1	4209	4626	4693	4509	5.81	cps
Boron	11-1	20616	21559	21876	21350	3.07	cps
Cadmium	111-1	1173	1108	1092	1124	3.85	cps
Cadmium	106-1	833	783	792	803	3.34	cps
Cadmium	108-1	50	46	42	46	9.09	cps
Calcium	43-1	339399	339353	337568	338773	0.31	cps
Calcium	44-1	5637318	5576150	5603923	5605797	0.55	cps
Chromium	52-2	213	253	247	238	9.01	cps
Cobalt	59-2	117	113	103	111	6.24	cps
Copper	63-2	387	367	397	383	3.98	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	8	50	50	36	66.62	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	33	25	8	22	57.29	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	6622665	6608892	6611675	6614411	0.11	cps
Holmium	165-2	1217577	1212022	1216195	1215265	0.24	cps
Indium	115-1	4762249	4722879	4759346	4748158	0.46	cps
Indium	115-2	167058	166202	165994	166418	0.34	cps
Iron	56-2	56649	57284	57357	57097	0.68	cps
Iron	57-2	1383	1356	1378	1372	1.07	cps
Krypton	83-1	270	333	293	299	10.72	cps
Lead	206-1	1500	1417	1467	1461	2.87	cps
Lead	207-1	1217	1328	1128	1224	8.19	cps
Lead	208-1	5601	5706	5312	5540	3.69	cps
Lithium	6-1	651213	657686	657981	655627	0.58	cps
Magnesium	24-2	51085	51110	51227	51140	0.15	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-10DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW160-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:32:41 DataFile Name : 094SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10944	11031	10814	10930	1.00	cps
Molybdenum	94-1	1067	1042	1125	1078	3.97	cps
Molybdenum	95-1	1117	1292	1375	1261	10.45	cps
Molybdenum	96-1	1242	1567	1550	1453	12.60	cps
Molybdenum	97-1	617	792	825	745	15.03	cps
Molybdenum	98-1	1642	1967	2142	1917	13.24	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	340	297	287	308	9.21	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	10287	9937	9887	10037	2.17	cps
Rhodium	103-1	4236041	4203205	4227186	4222144	0.40	cps
Rhodium	103-2	984153	981688	979489	981777	0.24	cps
Scandium	45-1	2014507	2019459	2012623	2015530	0.18	cps
Scandium	45-2	13150	12499	12836	12828	2.54	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	35	1	17	18	96.10	cps
Silicon	28-1	3191094	3163572	3163240	3172635	0.50	cps
Silver	109-1	375	258	242	292	24.91	cps
Silver	107-1	433	308	367	369	16.93	cps
Sodium	23-2	285559	285349	283140	284683	0.47	cps
Strontium	86-1	251001	253872	257416	254096	1.26	cps
Strontium	88-1	2299638	2296974	2295145	2297252	0.10	cps
Sulfur	34-1	288098	283347	284227	285224	0.89	cps
Terbium	159-1	6733136	6730823	6804467	6756142	0.62	cps
Terbium	159-2	1145211	1148208	1148262	1147227	0.15	cps
Thallium	203-1	408	275	475	386	26.38	cps
Thallium	205-1	867	958	825	883	7.72	cps
Tin	118-1	1684	1375	1717	1592	11.84	cps
Titanium	47-1	167	225	108	167	35.00	cps
Uranium	238-1	3359	3551	3226	3378	4.84	cps
Vanadium	51-2	10	10	17	12	31.50	cps
Yttrium	89-1	4607043	4560010	4626669	4597907	0.75	cps
Yttrium	89-2	111013	111090	109320	110474	0.91	cps
Zinc	66-2	300	230	270	267	13.17	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012RW160-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:32:41	DataFile Name :	094SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1342	1200	1167	1236	7.52	cps
Zirconium	91-1	242	317	225	261	18.70	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-11DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW043-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:36:04 DataFile Name : 095SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	33	36	35.25	cps
Antimony	121-1	2859	3442	3259	3187	9.36	cps
Arsenic	75-2	65	65	57	62	6.86	cps
Barium	135-1	45990	47712	47018	46906	1.85	cps
Barium	137-1	82120	81350	81418	81629	0.52	cps
Beryllium	9-1	139	178	150	156	12.88	cps
Bismuth	209-1	4957674	4983463	5012508	4984548	0.55	cps
Bismuth	209-2	1049231	1040983	1050103	1046773	0.48	cps
Boron	10-1	5676	5835	5885	5799	1.88	cps
Boron	11-1	26158	26826	27235	26740	2.03	cps
Cadmium	111-1	688	617	609	638	6.80	cps
Cadmium	106-1	858	725	750	778	9.11	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Calcium	43-1	419247	420005	420031	419761	0.11	cps
Calcium	44-1	6907923	6891174	6910177	6903091	0.15	cps
Chromium	52-2	300	327	300	309	4.98	cps
Cobalt	59-2	123	170	127	140	18.59	cps
Copper	63-2	537	487	423	482	11.78	cps
Dysprosium	156-1	50	100	58	69	38.58	cps
Dysprosium	156-2	13	10	13	12	15.73	cps
Erbium	164-1	108	67	58	78	34.44	cps
Erbium	164-2	37	17	13	22	56.80	cps
Gadolinium	160-1	108	100	108	106	4.56	cps
Gadolinium	160-2	23	17	23	21	18.21	cps
Holmium	165-1	6629802	6719366	6634440	6661203	0.76	cps
Holmium	165-2	1220445	1210718	1227062	1219408	0.67	cps
Indium	115-1	4806126	4818971	4835023	4820040	0.30	cps
Indium	115-2	169435	168826	168655	168972	0.24	cps
Iron	56-2	285200	283998	283533	284244	0.30	cps
Iron	57-2	7335	6985	6791	7037	3.92	cps
Krypton	83-1	337	283	313	311	8.59	cps
Lead	206-1	3645	3462	3617	3575	2.77	cps
Lead	207-1	3312	2973	2995	3093	6.13	cps
Lead	208-1	14398	14098	14265	14254	1.05	cps
Lithium	6-1	656854	664359	661513	660908	0.57	cps
Magnesium	24-2	68625	71739	70048	70137	2.22	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-11DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW043-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:36:04 DataFile Name : 095SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3654	3477	3707	3613	3.33	cps
Molybdenum	94-1	1283	1634	1525	1481	12.10	cps
Molybdenum	95-1	1809	1717	1917	1814	5.52	cps
Molybdenum	96-1	1867	1900	2217	1995	9.69	cps
Molybdenum	97-1	1092	1142	1208	1147	5.10	cps
Molybdenum	98-1	3217	2842	2800	2953	7.77	cps
Neodymium	150-1	93	80	93	89	8.66	cps
Neodymium	150-2	13	20	17	17	20.01	cps
Nickel	60-2	407	400	447	418	6.04	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	14008	13657	12931	13532	4.06	cps
Rhodium	103-1	4225225	4240542	4253170	4239646	0.33	cps
Rhodium	103-2	987662	986983	984393	986346	0.17	cps
Scandium	45-1	2025196	2037276	2031155	2031209	0.30	cps
Scandium	45-2	12853	12809	13240	12967	1.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-27	30	-12	-3	-1027.31	cps
Silicon	28-1	3478776	3445273	3481722	3468590	0.58	cps
Silver	109-1	317	258	283	286	10.23	cps
Silver	107-1	325	358	225	303	22.92	cps
Sodium	23-2	332512	328777	328192	329827	0.71	cps
Strontium	86-1	317566	314930	315783	316093	0.43	cps
Strontium	88-1	2868692	2875929	2851123	2865248	0.45	cps
Sulfur	34-1	346141	347530	345474	346381	0.30	cps
Terbium	159-1	6749601	6830305	6767331	6782413	0.63	cps
Terbium	159-2	1153744	1148844	1153481	1152023	0.24	cps
Thallium	203-1	167	292	167	208	34.64	cps
Thallium	205-1	700	625	667	664	5.66	cps
Tin	118-1	1500	1509	1584	1531	3.00	cps
Titanium	47-1	217	225	225	222	2.16	cps
Uranium	238-1	27440	26838	27623	27300	1.50	cps
Vanadium	51-2	193	163	157	171	11.41	cps
Yttrium	89-1	4599911	4627409	4571713	4599678	0.61	cps
Yttrium	89-2	112528	111423	111571	111841	0.54	cps
Zinc	66-2	1013	1027	1103	1048	4.64	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-11DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012RW043-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:36:04	DataFile Name :	095SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1292	1250	1200	1247	3.68	cps
Zirconium	91-1	275	292	300	289	4.41	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-12DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW161-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:39:28 DataFile Name : 096SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	0	8	100.02	cps
Antimony	121-1	1850	1975	2025	1950	4.62	cps
Arsenic	75-2	44	61	44	50	19.24	cps
Barium	135-1	47879	48816	47996	48230	1.06	cps
Barium	137-1	84528	85602	84730	84953	0.67	cps
Beryllium	9-1	106	144	172	141	23.79	cps
Bismuth	209-1	4852633	4955786	4968804	4925741	1.29	cps
Bismuth	209-2	1037984	1042817	1035587	1038796	0.35	cps
Boron	10-1	4459	5093	4901	4818	6.74	cps
Boron	11-1	23211	23228	23996	23478	1.91	cps
Cadmium	111-1	440	623	609	557	18.31	cps
Cadmium	106-1	525	758	750	678	19.53	cps
Cadmium	108-1	4	0	17	7	124.88	cps
Calcium	43-1	354285	356008	352363	354219	0.51	cps
Calcium	44-1	5884192	5830096	5773754	5829348	0.95	cps
Chromium	52-2	237	183	217	212	12.69	cps
Cobalt	59-2	83	87	80	83	4.00	cps
Copper	63-2	650	670	623	648	3.61	cps
Dysprosium	156-1	33	25	0	19	89.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	25	17	25	22	21.64	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	6553705	6667300	6538001	6586335	1.07	cps
Holmium	165-2	1201723	1205632	1198680	1202012	0.29	cps
Indium	115-1	4778601	4761508	4744589	4761566	0.36	cps
Indium	115-2	167573	166784	165567	166641	0.61	cps
Iron	56-2	164007	164733	163451	164064	0.39	cps
Iron	57-2	4279	4045	4140	4154	2.83	cps
Krypton	83-1	363	240	340	314	20.84	cps
Lead	206-1	1378	1461	1367	1402	3.68	cps
Lead	207-1	1067	1083	1111	1087	2.07	cps
Lead	208-1	5284	5328	5162	5258	1.64	cps
Lithium	6-1	656456	662939	663163	660853	0.58	cps
Magnesium	24-2	52715	53794	53343	53284	1.02	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-12DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW161-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:39:28 DataFile Name : 096SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6672	6798	6932	6801	1.91	cps
Molybdenum	94-1	842	792	967	867	10.40	cps
Molybdenum	95-1	683	967	1042	897	21.07	cps
Molybdenum	96-1	992	1125	1200	1106	9.54	cps
Molybdenum	97-1	525	492	467	494	5.92	cps
Molybdenum	98-1	1442	1375	1458	1425	3.09	cps
Neodymium	150-1	20	13	33	22	45.83	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	283	340	323	316	9.23	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	9837	9829	9687	9784	0.86	cps
Rhodium	103-1	4244674	4148759	4208623	4200685	1.15	cps
Rhodium	103-2	977132	977257	977494	977294	0.02	cps
Scandium	45-1	2014012	2022128	2033107	2023082	0.47	cps
Scandium	45-2	12582	12619	12509	12570	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	4	3	91.69	cps
Selenium	82-1	-31	76	-52	-3	-2739.46	cps
Silicon	28-1	3570048	3593012	3584417	3582492	0.32	cps
Silver	109-1	175	233	242	217	16.77	cps
Silver	107-1	283	250	283	272	7.07	cps
Sodium	23-2	299219	296998	296182	297466	0.53	cps
Strontium	86-1	263845	266077	262784	264235	0.64	cps
Strontium	88-1	2413455	2398851	2382126	2398144	0.65	cps
Sulfur	34-1	289988	287272	286944	288068	0.58	cps
Terbium	159-1	6727871	6799321	6694693	6740628	0.79	cps
Terbium	159-2	1139764	1139532	1137078	1138791	0.13	cps
Thallium	203-1	158	233	225	206	20.00	cps
Thallium	205-1	367	367	592	442	29.41	cps
Tin	118-1	992	1250	1217	1153	12.19	cps
Titanium	47-1	150	125	133	136	9.35	cps
Uranium	238-1	4918	4860	4960	4912	1.02	cps
Vanadium	51-2	33	7	23	21	63.80	cps
Yttrium	89-1	4593519	4575684	4519718	4562974	0.84	cps
Yttrium	89-2	109780	110012	110714	110169	0.44	cps
Zinc	66-2	710	763	923	799	13.90	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-12DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012RW161-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:39:28	DataFile Name :	096SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	708	925	817	817	13.27	cps
Zirconium	91-1	192	158	158	169	11.36	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-13DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW162-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:42:50 DataFile Name : 097SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	8	8	100.02	cps
Antimony	121-1	1242	1617	1775	1545	17.74	cps
Arsenic	75-2	61	65	63	63	2.95	cps
Barium	135-1	44325	44476	43873	44225	0.71	cps
Barium	137-1	76747	79245	78040	78011	1.60	cps
Beryllium	9-1	150	150	122	141	11.40	cps
Bismuth	209-1	4896644	4848396	4851689	4865576	0.55	cps
Bismuth	209-2	1036259	1028291	1024411	1029654	0.59	cps
Boron	10-1	4884	5426	5385	5232	5.76	cps
Boron	11-1	23804	25799	25949	25184	4.75	cps
Cadmium	111-1	535	464	686	562	20.18	cps
Cadmium	106-1	700	625	925	750	20.82	cps
Cadmium	108-1	13	4	17	11	57.27	cps
Calcium	43-1	371175	369957	374910	372014	0.69	cps
Calcium	44-1	6109818	6057753	6077571	6081714	0.43	cps
Chromium	52-2	210	250	187	216	14.86	cps
Cobalt	59-2	127	110	73	103	26.41	cps
Copper	63-2	603	610	637	617	2.86	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	42	58	17	39	53.93	cps
Gadolinium	160-2	13	7	0	7	99.98	cps
Holmium	165-1	6529706	6483991	6571984	6528561	0.67	cps
Holmium	165-2	1199721	1195571	1190112	1195135	0.40	cps
Indium	115-1	4682403	4694139	4681086	4685876	0.15	cps
Indium	115-2	164352	165371	162436	164053	0.91	cps
Iron	56-2	180036	180350	180980	180456	0.27	cps
Iron	57-2	4640	4723	4418	4594	3.44	cps
Krypton	83-1	317	243	367	309	20.08	cps
Lead	206-1	711	617	767	698	10.86	cps
Lead	207-1	611	500	550	554	10.05	cps
Lead	208-1	2717	2689	2628	2678	1.70	cps
Lithium	6-1	647593	653444	655927	652321	0.66	cps
Magnesium	24-2	60278	59952	59023	59751	1.09	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-13DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW162-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:42:50 DataFile Name : 097SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8426	8603	8576	8535	1.12	cps
Molybdenum	94-1	775	633	775	728	11.24	cps
Molybdenum	95-1	600	433	608	547	18.04	cps
Molybdenum	96-1	892	817	750	820	8.65	cps
Molybdenum	97-1	383	308	533	408	28.06	cps
Molybdenum	98-1	808	850	1175	945	21.26	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	373	343	340	352	5.21	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	12239	11430	11547	11739	3.73	cps
Rhodium	103-1	4133843	4152649	4162642	4149711	0.35	cps
Rhodium	103-2	961932	966575	959421	962643	0.38	cps
Scandium	45-1	2002572	1997244	1995821	1998546	0.18	cps
Scandium	45-2	12529	12499	12846	12625	1.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	6	74	-69	3	2072.43	cps
Silicon	28-1	4026386	3993623	3969378	3996462	0.72	cps
Silver	109-1	292	192	267	250	20.82	cps
Silver	107-1	225	242	208	225	7.41	cps
Sodium	23-2	335343	333449	336526	335106	0.46	cps
Strontium	86-1	294638	290718	291825	292394	0.69	cps
Strontium	88-1	2639460	2621891	2634455	2631935	0.34	cps
Sulfur	34-1	299096	297429	296023	297516	0.52	cps
Terbium	159-1	6730996	6609978	6676606	6672526	0.91	cps
Terbium	159-2	1128135	1130029	1131001	1129722	0.13	cps
Thallium	203-1	150	167	208	175	17.17	cps
Thallium	205-1	483	367	425	425	13.73	cps
Tin	118-1	1067	1150	1125	1114	3.84	cps
Titanium	47-1	167	208	150	175	17.17	cps
Uranium	238-1	4743	4384	4676	4601	4.14	cps
Vanadium	51-2	20	3	10	11	75.52	cps
Yttrium	89-1	4489989	4518377	4562310	4523559	0.81	cps
Yttrium	89-2	110506	109562	109249	109772	0.60	cps
Zinc	66-2	917	837	973	909	7.55	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-13DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012RW162-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:42:50	DataFile Name :	097SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	825	783	858	822	4.57	cps
Zirconium	91-1	217	192	242	217	11.54	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-14DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW163-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:46:15 DataFile Name : 098SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	0	6	173.21	cps
Antimony	121-1	1383	1609	1825	1606	13.76	cps
Arsenic	75-2	46	56	83	62	31.22	cps
Barium	135-1	40472	41274	38900	40215	3.00	cps
Barium	137-1	69961	70831	70396	70396	0.62	cps
Beryllium	9-1	156	144	122	141	12.06	cps
Bismuth	209-1	4927507	4955892	4645253	4842884	3.55	cps
Bismuth	209-2	1042524	1034944	1045841	1041103	0.54	cps
Boron	10-1	5368	5485	6018	5624	6.16	cps
Boron	11-1	25607	26267	26959	26278	2.57	cps
Cadmium	111-1	504	516	457	493	6.35	cps
Cadmium	106-1	717	708	642	689	5.97	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	380079	375844	376922	377615	0.58	cps
Calcium	44-1	6179086	6205007	6198784	6194292	0.22	cps
Chromium	52-2	450	470	537	486	9.35	cps
Cobalt	59-2	103	80	103	96	14.10	cps
Copper	63-2	243	263	200	236	13.75	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Gadolinium	160-2	7	0	0	2	173.21	cps
Holmium	165-1	6593952	6603981	6178183	6458705	3.76	cps
Holmium	165-2	1210145	1204962	1207289	1207465	0.22	cps
Indium	115-1	4756272	4742222	4450653	4649716	3.71	cps
Indium	115-2	167689	165616	164095	165800	1.09	cps
Iron	56-2	143441	141375	140831	141882	0.97	cps
Iron	57-2	3590	3667	3462	3573	2.91	cps
Krypton	83-1	323	313	307	314	2.67	cps
Lead	206-1	428	356	489	424	15.74	cps
Lead	207-1	422	350	339	370	12.22	cps
Lead	208-1	1767	1650	1633	1683	4.32	cps
Lithium	6-1	657406	662467	636276	652050	2.13	cps
Magnesium	24-2	63459	61785	62212	62485	1.39	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-14DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW163-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:46:15 DataFile Name : 098SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7806	7829	7495	7710	2.41	cps
Molybdenum	94-1	558	467	600	542	12.59	cps
Molybdenum	95-1	675	733	500	636	19.09	cps
Molybdenum	96-1	675	650	867	731	16.23	cps
Molybdenum	97-1	342	392	383	372	7.20	cps
Molybdenum	98-1	817	942	1058	939	12.87	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	333	397	313	348	12.51	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	11597	11238	11188	11341	1.97	cps
Rhodium	103-1	4208770	4201697	3961652	4124040	3.41	cps
Rhodium	103-2	976748	976126	973984	975619	0.15	cps
Scandium	45-1	1992468	1999571	1853834	1948625	4.22	cps
Scandium	45-2	12596	12883	12459	12646	1.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-25	6	30	4	676.67	cps
Silicon	28-1	4148092	4093919	4150016	4130676	0.77	cps
Silver	109-1	250	150	267	222	28.39	cps
Silver	107-1	208	258	217	228	11.76	cps
Sodium	23-2	357977	358082	352922	356327	0.83	cps
Strontium	86-1	314615	309596	312957	312390	0.82	cps
Strontium	88-1	2830660	2795361	2816679	2814233	0.63	cps
Sulfur	34-1	308963	310995	313562	311173	0.74	cps
Terbium	159-1	6742909	6757882	6353974	6618255	3.46	cps
Terbium	159-2	1135765	1143948	1142991	1140901	0.39	cps
Thallium	203-1	217	208	267	231	13.68	cps
Thallium	205-1	475	558	408	481	15.64	cps
Tin	118-1	1300	1267	1050	1206	11.26	cps
Titanium	47-1	100	217	183	167	36.06	cps
Uranium	238-1	8620	8603	9029	8751	2.75	cps
Vanadium	51-2	17	33	27	26	32.81	cps
Yttrium	89-1	4517637	4543125	4336924	4465895	2.52	cps
Yttrium	89-2	110785	110805	109700	110430	0.57	cps
Zinc	66-2	173	163	167	168	3.03	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-14DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012RW163-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:46:15	DataFile Name :	098SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	900	858	675	811	14.76	cps
Zirconium	91-1	233	158	150	181	25.42	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-15DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW086-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:49:38 DataFile Name : 099SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	0	11	114.58	cps
Antimony	121-1	1233	1400	1542	1392	11.09	cps
Arsenic	75-2	11	24	7	14	61.62	cps
Barium	135-1	7202	7336	6844	7127	3.57	cps
Barium	137-1	12506	12515	12415	12479	0.45	cps
Beryllium	9-1	89	117	122	109	16.35	cps
Bismuth	209-1	4868401	4876875	4814830	4853368	0.69	cps
Bismuth	209-2	1026873	1027654	1025435	1026654	0.11	cps
Boron	10-1	51711	51644	52405	51920	0.81	cps
Boron	11-1	248262	254451	257541	253418	1.86	cps
Cadmium	111-1	572	392	485	483	18.69	cps
Cadmium	106-1	808	550	667	675	19.17	cps
Cadmium	108-1	21	8	4	11	78.05	cps
Calcium	43-1	931913	935317	931469	932900	0.23	cps
Calcium	44-1	15265941	15315426	15406115	15329161	0.46	cps
Chromium	52-2	553	567	457	526	11.42	cps
Cobalt	59-2	20	53	37	37	45.45	cps
Copper	63-2	403	397	340	380	9.16	cps
Dysprosium	156-1	92	108	150	117	25.76	cps
Dysprosium	156-2	23	27	13	21	32.88	cps
Erbium	164-1	108	183	158	150	25.46	cps
Erbium	164-2	10	20	33	21	55.45	cps
Gadolinium	160-1	150	108	108	122	19.68	cps
Gadolinium	160-2	20	10	30	20	50.00	cps
Holmium	165-1	6657631	6619195	6601417	6626081	0.43	cps
Holmium	165-2	1215114	1216691	1220488	1217431	0.23	cps
Indium	115-1	4717729	4761335	4671412	4716825	0.95	cps
Indium	115-2	171318	169527	171578	170808	0.65	cps
Iron	56-2	314677	313177	316263	314706	0.49	cps
Iron	57-2	7752	8008	7513	7758	3.19	cps
Krypton	83-1	333	290	327	317	7.37	cps
Lead	206-1	389	400	361	383	5.23	cps
Lead	207-1	383	411	350	382	8.02	cps
Lead	208-1	1672	1678	1656	1669	0.69	cps
Lithium	6-1	644131	646442	644217	644930	0.20	cps
Magnesium	24-2	687639	683479	681905	684341	0.43	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-15DLX5 Instrumnet Name : P8
 Client Sample ID : LF014MW086-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:49:38 DataFile Name : 099SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17384	17872	17177	17478	2.04	cps
Molybdenum	94-1	1800	1450	1433	1561	13.26	cps
Molybdenum	95-1	225	258	258	247	7.79	cps
Molybdenum	96-1	608	575	767	650	15.75	cps
Molybdenum	97-1	208	217	200	208	4.00	cps
Molybdenum	98-1	367	442	483	431	13.73	cps
Neodymium	150-1	93	107	93	98	7.87	cps
Neodymium	150-2	7	20	13	13	49.99	cps
Nickel	60-2	230	190	230	217	10.66	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	6477	6635	6527	6546	1.24	cps
Rhodium	103-1	4182660	4144890	4173425	4166992	0.47	cps
Rhodium	103-2	976473	977051	980320	977948	0.21	cps
Scandium	45-1	2061793	2077282	2043405	2060827	0.82	cps
Scandium	45-2	13260	12923	13577	13253	2.47	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	6	2	114.63	cps
Selenium	82-1	-28	45	10	9	412.94	cps
Silicon	28-1	4729789	4754457	4739373	4741206	0.26	cps
Silver	109-1	133	92	208	144	40.93	cps
Silver	107-1	250	258	250	253	1.90	cps
Sodium	23-2	4000838	3969843	3955658	3975447	0.58	cps
Strontium	86-1	1983239	1994045	1992628	1989970	0.30	cps
Strontium	88-1	16983575	16977555	17062556	17007895	0.28	cps
Sulfur	34-1	2161804	2167904	2182378	2170695	0.49	cps
Terbium	159-1	6718444	6731579	6688768	6712931	0.33	cps
Terbium	159-2	1146175	1157138	1155739	1153018	0.52	cps
Thallium	203-1	158	100	117	125	24.03	cps
Thallium	205-1	300	317	325	314	4.05	cps
Tin	118-1	1117	1192	1267	1192	6.29	cps
Titanium	47-1	258	125	258	214	35.99	cps
Uranium	238-1	8428	8837	8470	8578	2.62	cps
Vanadium	51-2	67	70	73	70	4.76	cps
Yttrium	89-1	4619617	4548546	4583987	4584050	0.78	cps
Yttrium	89-2	114780	115328	115950	115353	0.51	cps
Zinc	66-2	63	83	80	76	14.19	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-15DLX5	Instrumnet Name :	P8
Client Sample ID :	LF014MW086-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:49:38	DataFile Name :	099SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3851	3551	3742	3715	4.09	cps
Zirconium	91-1	742	783	942	822	12.83	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-16DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0441-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:53:02	DataFile Name :	100SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	0	0	8	173.21	cps
Antimony	121-1	2317	2175	2150	2214	4.06	cps
Arsenic	75-2	43	41	48	44	8.80	cps
Barium	135-1	46081	46207	45253	45847	1.13	cps
Barium	137-1	79899	80746	81158	80601	0.80	cps
Beryllium	9-1	106	78	139	107	28.49	cps
Bismuth	209-1	4890778	4920709	4896833	4902773	0.32	cps
Bismuth	209-2	1043841	1044381	1038812	1042344	0.29	cps
Boron	10-1	6910	6827	6710	6816	1.47	cps
Boron	11-1	33382	32246	32713	32780	1.74	cps
Cadmium	111-1	508	589	509	535	8.75	cps
Cadmium	106-1	617	717	642	658	7.91	cps
Cadmium	108-1	17	0	4	7	124.88	cps
Calcium	43-1	425429	428633	426974	427012	0.38	cps
Calcium	44-1	7080112	7019347	7025475	7041645	0.48	cps
Chromium	52-2	250	277	250	259	5.95	cps
Cobalt	59-2	120	97	60	92	32.80	cps
Copper	63-2	430	460	467	452	4.32	cps
Dysprosium	156-1	8	50	8	22	108.27	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	17	17	50	28	69.27	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	17	17	67	33	86.59	cps
Gadolinium	160-2	0	3	3	2	86.60	cps
Holmium	165-1	6715110	6653276	6627598	6665328	0.67	cps
Holmium	165-2	1215185	1219344	1208740	1214423	0.44	cps
Indium	115-1	4794268	4806321	4821819	4807470	0.29	cps
Indium	115-2	171253	173258	170150	171554	0.92	cps
Iron	56-2	56777	57608	55505	56630	1.87	cps
Iron	57-2	1500	1517	1556	1524	1.87	cps
Krypton	83-1	387	360	377	374	3.60	cps
Lead	206-1	611	694	556	620	11.27	cps
Lead	207-1	578	594	667	613	7.71	cps
Lead	208-1	2328	2478	2584	2463	5.21	cps
Lithium	6-1	659375	664349	667820	663848	0.64	cps
Magnesium	24-2	72536	74127	73122	73261	1.10	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-16DLX5 Instrumnet Name : P8
 Client Sample ID : DUP-0441-180411DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:53:02 DataFile Name : 100SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2754	2677	2730	2720	1.45	cps
Molybdenum	94-1	1033	1225	1200	1153	9.04	cps
Molybdenum	95-1	1458	1567	1700	1575	7.69	cps
Molybdenum	96-1	1750	1684	1692	1709	2.13	cps
Molybdenum	97-1	892	867	900	886	1.96	cps
Molybdenum	98-1	2225	2234	2534	2331	7.54	cps
Neodymium	150-1	40	20	20	27	43.30	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	373	413	340	376	9.78	cps
Phosphorus	31-2	25	8	0	11	114.58	cps
Potassium	39-2	14416	13799	14008	14074	2.23	cps
Rhodium	103-1	4260422	4251768	4336488	4282893	1.09	cps
Rhodium	103-2	999742	1008245	1001227	1003071	0.45	cps
Scandium	45-1	2077802	2071068	2067581	2072150	0.25	cps
Scandium	45-2	13340	13020	12819	13060	2.01	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-82	-24	-31	-46	-68.89	cps
Silicon	28-1	3506799	3499003	3498158	3501320	0.14	cps
Silver	109-1	258	192	175	208	21.17	cps
Silver	107-1	167	233	292	231	27.13	cps
Sodium	23-2	345095	345948	342115	344386	0.58	cps
Strontium	86-1	323839	323591	326154	324528	0.44	cps
Strontium	88-1	2933993	2913057	2905318	2917456	0.51	cps
Sulfur	34-1	362758	361545	358663	360989	0.58	cps
Terbium	159-1	6780802	6724693	6779904	6761800	0.48	cps
Terbium	159-2	1158543	1159987	1150784	1156438	0.43	cps
Thallium	203-1	125	192	183	167	21.79	cps
Thallium	205-1	383	375	358	372	3.42	cps
Tin	118-1	1092	1217	1175	1161	5.48	cps
Titanium	47-1	142	108	133	128	13.57	cps
Uranium	238-1	27415	26496	27556	27156	2.12	cps
Vanadium	51-2	83	77	53	71	22.16	cps
Yttrium	89-1	4659869	4640823	4735441	4678711	1.07	cps
Yttrium	89-2	115030	115843	115133	115335	0.38	cps
Zinc	66-2	723	760	747	743	2.50	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-16DLX5	Instrumnet Name :	P8
Client Sample ID :	DUP-0441-180411DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:53:02	DataFile Name :	100SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	642	675	650	656	2.65	cps
Zirconium	91-1	167	150	217	178	19.52	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-18DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW026-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:56:25 DataFile Name : 101SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	17	8	100.02	cps
Antimony	121-1	1233	1308	1575	1372	13.09	cps
Arsenic	75-2	30	43	33	35	18.97	cps
Barium	135-1	22670	22219	22303	22397	1.07	cps
Barium	137-1	39619	40037	40363	40006	0.93	cps
Beryllium	9-1	89	111	89	96	13.33	cps
Bismuth	209-1	4916425	4877323	4883815	4892521	0.43	cps
Bismuth	209-2	1034358	1029114	990894	1018122	2.33	cps
Boron	10-1	4876	4801	4901	4859	1.07	cps
Boron	11-1	21826	22126	22861	22271	2.39	cps
Cadmium	111-1	560	633	535	576	8.80	cps
Cadmium	106-1	675	792	667	711	9.83	cps
Cadmium	108-1	0	13	21	11	94.37	cps
Calcium	43-1	343670	347851	343248	344923	0.74	cps
Calcium	44-1	5721432	5680117	5666608	5689386	0.50	cps
Chromium	52-2	357	370	420	382	8.74	cps
Cobalt	59-2	327	383	307	339	11.73	cps
Copper	63-2	310	263	287	287	8.14	cps
Dysprosium	156-1	33	8	25	22	57.30	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	25	58	33	66.14	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	67	42	58	56	22.91	cps
Gadolinium	160-2	10	3	0	4	114.60	cps
Holmium	165-1	6518499	6562719	6578652	6553290	0.48	cps
Holmium	165-2	1208895	1204133	1149435	1187488	2.78	cps
Indium	115-1	4759433	4744570	4734114	4746039	0.27	cps
Indium	115-2	168335	168849	160183	165789	2.93	cps
Iron	56-2	286020	284568	284232	284940	0.33	cps
Iron	57-2	7158	7230	7413	7267	1.81	cps
Krypton	83-1	313	323	327	321	2.16	cps
Lead	206-1	283	300	267	283	5.88	cps
Lead	207-1	289	333	211	278	22.27	cps
Lead	208-1	1217	1317	1095	1209	9.20	cps
Lithium	6-1	663730	666129	667336	665732	0.28	cps
Magnesium	24-2	52548	52381	51385	52105	1.21	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-18DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW026-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:56:25 DataFile Name : 101SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14878	15022	15055	14985	0.63	cps
Molybdenum	94-1	1784	1283	1625	1564	16.34	cps
Molybdenum	95-1	2175	2275	2434	2295	5.68	cps
Molybdenum	96-1	2275	2600	2275	2384	7.87	cps
Molybdenum	97-1	1509	1408	1275	1397	8.38	cps
Molybdenum	98-1	3651	3726	3742	3706	1.32	cps
Neodymium	150-1	33	33	27	31	12.36	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	2164	2140	2270	2191	3.16	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	6902	6435	6985	6774	4.38	cps
Rhodium	103-1	4291709	4268244	4230232	4263395	0.73	cps
Rhodium	103-2	987037	981895	946615	971849	2.26	cps
Scandium	45-1	2058119	2053302	2074656	2062026	0.54	cps
Scandium	45-2	13286	12663	12239	12729	4.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-6	-36	-22	-21	-70.49	cps
Silicon	28-1	2938729	2913359	2886052	2912713	0.90	cps
Silver	109-1	217	233	167	206	16.88	cps
Silver	107-1	142	183	175	167	13.23	cps
Sodium	23-2	281546	282723	275592	279954	1.37	cps
Strontium	86-1	237173	234886	235064	235708	0.54	cps
Strontium	88-1	2132068	2136390	2118378	2128945	0.44	cps
Sulfur	34-1	409499	408773	404321	407531	0.69	cps
Terbium	159-1	6755937	6733504	6743061	6744167	0.17	cps
Terbium	159-2	1138531	1132491	1090461	1120494	2.34	cps
Thallium	203-1	117	192	125	144	28.46	cps
Thallium	205-1	383	383	475	414	12.79	cps
Tin	118-1	1400	1142	1384	1309	11.05	cps
Titanium	47-1	108	200	108	139	38.10	cps
Uranium	238-1	13950	13291	13950	13730	2.77	cps
Vanadium	51-2	23	17	17	19	20.36	cps
Yttrium	89-1	4610194	4606033	4618877	4611701	0.14	cps
Yttrium	89-2	112162	112492	109126	111260	1.67	cps
Zinc	66-2	130	140	180	150	17.64	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-18DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW026-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:56:25	DataFile Name :	101SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	642	700	717	686	5.74	cps
Zirconium	91-1	158	133	225	172	27.51	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-19DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW147-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:59:48 DataFile Name : 102SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	0	3	173.21	cps
Antimony	121-1	1375	1425	1483	1428	3.80	cps
Arsenic	75-2	93	96	89	93	4.00	cps
Barium	135-1	42068	42160	42126	42118	0.11	cps
Barium	137-1	75575	73856	74216	74549	1.22	cps
Beryllium	9-1	83	89	139	104	29.50	cps
Bismuth	209-1	4836711	4814818	4800608	4817379	0.38	cps
Bismuth	209-2	1044524	1038898	1044362	1042595	0.31	cps
Boron	10-1	4234	4217	4334	4262	1.48	cps
Boron	11-1	19456	19814	19881	19717	1.16	cps
Cadmium	111-1	525	511	495	510	2.98	cps
Cadmium	106-1	725	700	700	708	2.04	cps
Cadmium	108-1	4	0	17	7	124.88	cps
Calcium	43-1	306418	307200	304375	305998	0.48	cps
Calcium	44-1	5115874	5072981	5025339	5071398	0.89	cps
Chromium	52-2	270	287	290	282	3.80	cps
Cobalt	59-2	87	50	60	66	28.92	cps
Copper	63-2	223	190	237	217	11.09	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	25	33	36	35.25	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	42	42	33	39	12.38	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	6460583	6470459	6516502	6482514	0.46	cps
Holmium	165-2	1200290	1211358	1203813	1205154	0.47	cps
Indium	115-1	4724023	4740697	4684767	4716496	0.61	cps
Indium	115-2	169934	168027	167307	168423	0.81	cps
Iron	56-2	198289	197964	199518	198590	0.41	cps
Iron	57-2	4951	5118	5040	5036	1.66	cps
Krypton	83-1	330	303	323	319	4.35	cps
Lead	206-1	283	344	261	296	14.56	cps
Lead	207-1	222	217	244	228	6.45	cps
Lead	208-1	1017	1111	939	1022	8.44	cps
Lithium	6-1	657050	662194	657278	658840	0.44	cps
Magnesium	24-2	47522	48517	47815	47951	1.07	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-19DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW147-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 20:59:48 DataFile Name : 102SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20769	20776	20699	20748	0.20	cps
Molybdenum	94-1	475	467	458	467	1.79	cps
Molybdenum	95-1	492	317	458	422	22.01	cps
Molybdenum	96-1	550	592	633	592	7.04	cps
Molybdenum	97-1	300	258	350	303	15.16	cps
Molybdenum	98-1	625	775	850	750	15.27	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	253	290	273	272	6.74	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	8453	8019	8294	8256	2.66	cps
Rhodium	103-1	4189828	4197902	4153313	4180348	0.57	cps
Rhodium	103-2	988738	989054	984648	987480	0.25	cps
Scandium	45-1	2005607	1995761	2017951	2006440	0.55	cps
Scandium	45-2	12879	13160	12979	13006	1.09	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-15	24	9	6	339.27	cps
Silicon	28-1	3534087	3452893	3494836	3493938	1.16	cps
Silver	109-1	192	242	183	206	15.35	cps
Silver	107-1	208	200	125	178	25.82	cps
Sodium	23-2	253569	251308	254860	253246	0.71	cps
Strontium	86-1	233997	231855	231370	232407	0.60	cps
Strontium	88-1	2075934	2087022	2090152	2084369	0.36	cps
Sulfur	34-1	316815	314290	312792	314632	0.65	cps
Terbium	159-1	6667265	6675503	6542237	6628335	1.13	cps
Terbium	159-2	1139236	1138420	1143603	1140420	0.24	cps
Thallium	203-1	158	192	100	150	30.93	cps
Thallium	205-1	375	275	375	342	16.90	cps
Tin	118-1	1217	1025	1083	1108	8.87	cps
Titanium	47-1	175	142	117	144	20.26	cps
Uranium	238-1	1475	1325	1484	1428	6.24	cps
Vanadium	51-2	27	7	23	19	56.72	cps
Yttrium	89-1	4532381	4517117	4533612	4527703	0.20	cps
Yttrium	89-2	113319	112919	111927	112722	0.64	cps
Zinc	66-2	40	33	30	34	14.78	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-19DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW147-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 20:59:48	DataFile Name :	102SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	658	508	558	575	13.28	cps
Zirconium	91-1	142	133	108	128	13.57	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:03:10	DataFile Name :	103CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	146894	147029	149624	147849	1.04	cps
Antimony	121-1	3261940	3249556	3264074	3258524	0.24	cps
Arsenic	75-2	29795	29403	29322	29507	0.86	cps
Barium	135-1	3581817	3580485	3633278	3598527	0.84	cps
Barium	137-1	6253066	6192736	6225030	6223611	0.49	cps
Beryllium	9-1	283576	285812	286393	285260	0.52	cps
Bismuth	209-1	4729050	4688520	4665765	4694445	0.68	cps
Bismuth	209-2	1016794	1007876	1016708	1013793	0.51	cps
Boron	10-1	31795	32204	34492	32830	4.43	cps
Boron	11-1	147618	153149	158660	153142	3.61	cps
Cadmium	111-1	659254	660228	663979	661154	0.38	cps
Cadmium	106-1	67142	67327	68542	67670	1.12	cps
Cadmium	108-1	46392	46175	47049	46539	0.98	cps
Calcium	43-1	2705807	2720140	2790983	2738976	1.67	cps
Calcium	44-1	43606909	43856527	44439191	43967542	0.97	cps
Chromium	52-2	214510	214158	214487	214385	0.09	cps
Cobalt	59-2	466157	470326	470287	468923	0.51	cps
Copper	63-2	796260	800050	806513	800941	0.65	cps
Dysprosium	156-1	42	50	75	56	31.22	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	58	92	33	61	47.89	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	6589980	6643891	6641381	6625084	0.46	cps
Holmium	165-2	1250431	1239932	1246169	1245510	0.42	cps
Indium	115-1	4736267	4738023	4755705	4743332	0.23	cps
Indium	115-2	179147	176282	177138	177522	0.83	cps
Iron	56-2	35104782	35151683	35310691	35189052	0.31	cps
Iron	57-2	869701	880944	878554	876400	0.68	cps
Krypton	83-1	323	350	360	344	5.50	cps
Lead	206-1	2494857	2492471	2506464	2497931	0.30	cps
Lead	207-1	2329903	2329082	2305840	2321608	0.59	cps
Lead	208-1	10369256	10298366	10284231	10317285	0.44	cps
Lithium	6-1	611751	616279	621486	616505	0.79	cps
Magnesium	24-2	3489716	3510508	3517302	3505842	0.41	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:03:10	DataFile Name :	103CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117563	118118	119216	118299	0.71	cps
Molybdenum	94-1	5089050	5169530	5188313	5148964	1.02	cps
Molybdenum	95-1	6231576	6324655	6314625	6290285	0.81	cps
Molybdenum	96-1	7004041	7047677	7074703	7042140	0.51	cps
Molybdenum	97-1	3949609	3943770	3995924	3963101	0.72	cps
Molybdenum	98-1	10124600	10161140	10231598	10172446	0.53	cps
Neodymium	150-1	233	240	173	216	17.03	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	136730	137618	137059	137136	0.33	cps
Phosphorus	31-2	2075	1950	1975	2000	3.31	cps
Potassium	39-2	950888	952454	962631	955324	0.67	cps
Rhodium	103-1	4188995	4215506	4246845	4217116	0.69	cps
Rhodium	103-2	1016993	1014731	1018148	1016624	0.17	cps
Scandium	45-1	2194240	2228176	2223496	2215304	0.83	cps
Scandium	45-2	15909	15892	15973	15925	0.27	cps
Selenium	77-2	167	150	200	172	14.78	cps
Selenium	78-2	643	641	615	633	2.45	cps
Selenium	82-1	38906	38881	38990	38926	0.15	cps
Silicon	28-1	1156044	1175399	1199407	1176950	1.85	cps
Silver	109-1	3164683	3178372	3182634	3175230	0.30	cps
Silver	107-1	3275262	3265426	3303773	3281487	0.61	cps
Sodium	23-2	7925472	7911058	8025145	7953892	0.78	cps
Strontium	86-1	803547	806506	813242	807765	0.62	cps
Strontium	88-1	7114747	7083127	7194541	7130805	0.81	cps
Sulfur	34-1	379129	383943	387862	383645	1.14	cps
Terbium	159-1	6833483	6832597	6809418	6825166	0.20	cps
Terbium	159-2	1186708	1178146	1177123	1180659	0.45	cps
Thallium	203-1	3059955	3054468	3036675	3050366	0.40	cps
Thallium	205-1	7230131	7168109	7186275	7194839	0.44	cps
Tin	118-1	2233961	2247709	2246544	2242738	0.34	cps
Titanium	47-1	1361978	1363047	1377729	1367585	0.64	cps
Uranium	238-1	10519623	10459599	10460647	10479956	0.33	cps
Vanadium	51-2	158002	157941	159557	158500	0.58	cps
Yttrium	89-1	4793708	4819696	4870991	4828131	0.81	cps
Yttrium	89-2	128346	127353	129988	128562	1.04	cps
Zinc	66-2	71939	73845	73855	73213	1.51	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:03:10	DataFile Name :	103CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4296579	4354087	4330460	4327042	0.67	cps
Zirconium	91-1	933900	925893	937750	932514	0.65	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:06:25	DataFile Name :	104CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	17	14	34.67	cps
Antimony	121-1	9437	10146	10438	10007	5.14	cps
Arsenic	75-2	17	17	17	17	0.00	cps
Barium	135-1	183	142	175	167	13.23	cps
Barium	137-1	242	400	375	339	25.12	cps
Beryllium	9-1	339	389	189	306	34.06	cps
Bismuth	209-1	4905035	4936831	4903536	4915134	0.38	cps
Bismuth	209-2	1065314	1068514	1070338	1068055	0.24	cps
Boron	10-1	1408	1392	1183	1328	9.44	cps
Boron	11-1	6452	6402	5518	6124	8.58	cps
Cadmium	111-1	564	704	643	637	11.02	cps
Cadmium	106-1	692	842	833	789	10.69	cps
Cadmium	108-1	17	8	17	14	34.67	cps
Calcium	43-1	575	650	458	561	17.21	cps
Calcium	44-1	10246	9362	9354	9654	5.31	cps
Chromium	52-2	207	213	210	210	1.59	cps
Cobalt	59-2	57	20	47	41	46.11	cps
Copper	63-2	160	153	200	171	14.75	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	6611108	6671610	6585756	6622825	0.67	cps
Holmium	165-2	1244273	1245101	1243997	1244457	0.05	cps
Indium	115-1	4969648	4977288	4926625	4957854	0.55	cps
Indium	115-2	182881	182686	181452	182339	0.42	cps
Iron	56-2	3062	2884	2617	2854	7.84	cps
Iron	57-2	78	56	44	59	28.64	cps
Krypton	83-1	323	340	363	342	5.87	cps
Lead	206-1	411	339	456	402	14.65	cps
Lead	207-1	400	456	267	374	25.95	cps
Lead	208-1	1672	1617	1567	1619	3.26	cps
Lithium	6-1	635266	639621	640602	638496	0.44	cps
Magnesium	24-2	375	367	308	350	10.38	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : CCB28 Instrumnet Name : P8
 Client Sample ID : CCB28 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 21:06:25 DataFile Name : 104CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	17	30	18	65.83	cps
Molybdenum	94-1	2275	2617	3126	2673	16.01	cps
Molybdenum	95-1	3025	4168	4351	3848	18.66	cps
Molybdenum	96-1	3476	4093	4976	4181	18.04	cps
Molybdenum	97-1	1667	2292	2584	2181	21.48	cps
Molybdenum	98-1	5101	6052	6885	6013	14.85	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	223	223	260	236	8.99	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1317	1317	1400	1345	3.58	cps
Rhodium	103-1	4454329	4487460	4445116	4462301	0.50	cps
Rhodium	103-2	1058886	1061409	1063890	1061395	0.24	cps
Scandium	45-1	2179185	2180558	2152265	2170669	0.73	cps
Scandium	45-2	15212	14658	14311	14727	3.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	63	-8	-26	10	490.37	cps
Silicon	28-1	241241	241083	240039	240788	0.27	cps
Silver	109-1	300	258	308	289	9.27	cps
Silver	107-1	292	308	300	300	2.78	cps
Sodium	23-2	4268	3951	4017	4079	4.09	cps
Strontium	86-1	583	700	425	569	24.24	cps
Strontium	88-1	533	650	542	575	11.32	cps
Sulfur	34-1	230306	230804	233395	231501	0.72	cps
Terbium	159-1	6761461	6828759	6790077	6793432	0.50	cps
Terbium	159-2	1180128	1178366	1183904	1180799	0.24	cps
Thallium	203-1	958	842	900	900	6.48	cps
Thallium	205-1	2475	2100	2017	2198	11.11	cps
Tin	118-1	1859	1984	2067	1970	5.32	cps
Titanium	47-1	242	217	308	256	18.54	cps
Uranium	238-1	717	675	792	728	8.12	cps
Vanadium	51-2	20	3	7	10	88.20	cps
Yttrium	89-1	4828338	4884435	4831609	4848127	0.65	cps
Yttrium	89-2	124780	124199	124534	124504	0.23	cps
Zinc	66-2	30	7	27	21	59.77	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:06:25	DataFile Name :	104CCBE_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1158	1125	1242	1175	5.11	cps
Zirconium	91-1	225	225	283	244	13.78	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-20DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW201-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 21:09:50 DataFile Name : 105SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	8	19	65.47	cps
Antimony	121-1	5318	5643	5985	5649	5.90	cps
Arsenic	75-2	17	6	9	10	53.90	cps
Barium	135-1	7753	7719	7886	7786	1.13	cps
Barium	137-1	13632	13566	14175	13791	2.42	cps
Beryllium	9-1	267	178	211	219	20.55	cps
Bismuth	209-1	4819126	4858074	4803665	4826955	0.58	cps
Bismuth	209-2	1031622	1035958	1029751	1032444	0.31	cps
Boron	10-1	43049	45147	44503	44233	2.43	cps
Boron	11-1	206990	212060	218042	212364	2.61	cps
Cadmium	111-1	570	591	522	561	6.29	cps
Cadmium	106-1	667	692	583	647	8.76	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	614197	617021	623630	618282	0.78	cps
Calcium	44-1	10181003	10177832	10238571	10199136	0.34	cps
Chromium	52-2	233	270	270	258	8.21	cps
Cobalt	59-2	83	107	103	98	12.90	cps
Copper	63-2	300	280	260	280	7.14	cps
Dysprosium	156-1	33	67	17	39	65.47	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	42	75	100	72	40.52	cps
Erbium	164-2	20	23	13	19	26.96	cps
Gadolinium	160-1	50	100	108	86	36.64	cps
Gadolinium	160-2	23	13	10	16	44.60	cps
Holmium	165-1	6570391	6541274	6551227	6554297	0.23	cps
Holmium	165-2	1222617	1223770	1214047	1220145	0.44	cps
Indium	115-1	4772637	4780509	4816495	4789880	0.49	cps
Indium	115-2	172813	174765	171734	173104	0.89	cps
Iron	56-2	6446	6013	6302	6253	3.53	cps
Iron	57-2	133	111	178	141	24.12	cps
Krypton	83-1	367	277	320	321	14.02	cps
Lead	206-1	467	383	356	402	14.39	cps
Lead	207-1	394	244	306	315	23.96	cps
Lead	208-1	1711	1400	1345	1485	13.31	cps
Lithium	6-1	632926	637596	642927	637816	0.78	cps
Magnesium	24-2	538101	539630	531448	536393	0.81	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-20DLX5 Instrumnet Name : P8
 Client Sample ID : LF012MW201-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 21:09:50 DataFile Name : 105SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1730	1653	1583	1656	4.43	cps
Molybdenum	94-1	2350	2484	2600	2478	5.05	cps
Molybdenum	95-1	1534	1800	1759	1697	8.45	cps
Molybdenum	96-1	1784	2184	2375	2114	14.28	cps
Molybdenum	97-1	1008	1025	1350	1128	17.08	cps
Molybdenum	98-1	2459	2834	3376	2889	15.95	cps
Neodymium	150-1	73	60	67	67	10.00	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	330	283	290	301	8.38	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	17687	17754	17770	17737	0.25	cps
Rhodium	103-1	4214252	4274748	4254077	4247692	0.72	cps
Rhodium	103-2	995085	1002484	995371	997647	0.42	cps
Scandium	45-1	2091399	2076566	2069601	2079189	0.54	cps
Scandium	45-2	13393	13206	13136	13245	1.00	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-38	88	42	30	209.97	cps
Silicon	28-1	4213070	4277912	4277476	4256153	0.88	cps
Silver	109-1	483	475	383	447	12.41	cps
Silver	107-1	475	558	442	492	12.22	cps
Sodium	23-2	1587954	1576880	1580723	1581853	0.36	cps
Strontium	86-1	1631392	1665180	1647795	1648122	1.03	cps
Strontium	88-1	14089926	14188386	14205181	14161164	0.44	cps
Sulfur	34-1	1380750	1374213	1382265	1379076	0.31	cps
Terbium	159-1	6690671	6730239	6761796	6727569	0.53	cps
Terbium	159-2	1155207	1160904	1147560	1154557	0.58	cps
Thallium	203-1	1175	992	667	945	27.26	cps
Thallium	205-1	3142	2184	1875	2400	27.53	cps
Tin	118-1	1817	1867	1875	1853	1.70	cps
Titanium	47-1	100	208	192	167	35.00	cps
Uranium	238-1	130622	130807	133366	131598	1.17	cps
Vanadium	51-2	53	43	67	54	21.51	cps
Yttrium	89-1	4670542	4664530	4646195	4660422	0.27	cps
Yttrium	89-2	117796	117147	118179	117707	0.44	cps
Zinc	66-2	117	110	103	110	6.06	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-20DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012MW201-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 21:09:50	DataFile Name :	105SMPL_P8041718- M

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3892	3684	3717	3765	2.97	cps
Zirconium	91-1	1008	767	825	867	14.55	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-21DLX5 Instrumnet Name : P8
 Client Sample ID : LF012OW009-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 21:13:12 DataFile Name : 106SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	8	11	43.34	cps
Antimony	121-1	3709	3709	3917	3778	3.18	cps
Arsenic	75-2	39	57	56	51	20.15	cps
Barium	135-1	57785	56412	55584	56594	1.96	cps
Barium	137-1	98667	101572	99866	100035	1.46	cps
Beryllium	9-1	172	206	128	169	23.16	cps
Bismuth	209-1	4835460	4828367	4832604	4832144	0.07	cps
Bismuth	209-2	1029143	1018129	1018664	1021979	0.61	cps
Boron	10-1	4918	4601	4418	4645	5.45	cps
Boron	11-1	21993	21325	21216	21511	1.95	cps
Cadmium	111-1	646	420	434	500	25.34	cps
Cadmium	106-1	900	575	608	694	25.75	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Calcium	43-1	260396	253897	256593	256962	1.27	cps
Calcium	44-1	4286859	4260784	4243092	4263578	0.52	cps
Chromium	52-2	250	237	203	230	10.45	cps
Cobalt	59-2	57	47	50	51	9.96	cps
Copper	63-2	200	217	213	210	4.20	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	33	31	41.66	cps
Erbium	164-2	3	27	7	12	103.26	cps
Gadolinium	160-1	50	17	58	42	52.91	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	6517593	6571799	6470142	6519845	0.78	cps
Holmium	165-2	1186230	1187270	1187471	1186990	0.06	cps
Indium	115-1	4739909	4721915	4690223	4717349	0.53	cps
Indium	115-2	167313	165411	166112	166279	0.58	cps
Iron	56-2	194892	192041	193681	193538	0.74	cps
Iron	57-2	4918	4551	4762	4744	3.88	cps
Krypton	83-1	310	353	317	327	7.14	cps
Lead	206-1	356	389	306	350	11.98	cps
Lead	207-1	300	344	250	298	15.85	cps
Lead	208-1	1439	1456	1267	1387	7.54	cps
Lithium	6-1	636158	641593	639718	639156	0.43	cps
Magnesium	24-2	37851	37225	37659	37578	0.85	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-21DLX5 Instrumnet Name : P8
 Client Sample ID : LF012OW009-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 21:13:12 DataFile Name : 106SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5838	5801	6101	5914	2.77	cps
Molybdenum	94-1	900	1117	1150	1056	12.86	cps
Molybdenum	95-1	1192	1375	1450	1339	9.93	cps
Molybdenum	96-1	1392	1500	1700	1531	10.22	cps
Molybdenum	97-1	883	842	958	895	6.61	cps
Molybdenum	98-1	1917	2250	2517	2228	13.49	cps
Neodymium	150-1	40	40	0	27	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	333	380	290	334	13.46	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	9954	9353	9295	9534	3.82	cps
Rhodium	103-1	4243367	4211195	4227038	4227200	0.38	cps
Rhodium	103-2	981907	970604	973784	975431	0.60	cps
Scandium	45-1	2045016	2023551	2026109	2031559	0.58	cps
Scandium	45-2	12993	12776	12879	12883	0.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-30	-26	27	-10	-321.74	cps
Silicon	28-1	2887189	2814162	2825904	2842418	1.38	cps
Silver	109-1	242	267	325	278	15.40	cps
Silver	107-1	300	383	283	322	16.63	cps
Sodium	23-2	168864	168225	168983	168691	0.24	cps
Strontium	86-1	191408	189571	187832	189604	0.94	cps
Strontium	88-1	1692305	1706464	1721599	1706789	0.86	cps
Sulfur	34-1	277729	273007	268284	273007	1.73	cps
Terbium	159-1	6646908	6593048	6680660	6640205	0.67	cps
Terbium	159-2	1126638	1124151	1125983	1125590	0.11	cps
Thallium	203-1	333	267	292	297	11.33	cps
Thallium	205-1	792	733	650	725	9.82	cps
Tin	118-1	1333	1367	1667	1456	12.61	cps
Titanium	47-1	225	150	208	194	20.25	cps
Uranium	238-1	5677	5702	5768	5715	0.83	cps
Vanadium	51-2	27	23	37	29	24.03	cps
Yttrium	89-1	4547946	4582156	4527420	4552507	0.61	cps
Yttrium	89-2	112213	112451	111313	111992	0.54	cps
Zinc	66-2	300	327	300	309	4.98	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-21DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012OW009-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 21:13:12	DataFile Name :	106SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	675	800	883	786	13.34	cps
Zirconium	91-1	142	208	258	203	28.87	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-22DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW042-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 21:16:36 DataFile Name : 107SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	25	33	36	35.25	cps
Antimony	121-1	2567	2759	3067	2798	9.02	cps
Arsenic	75-2	41	43	56	46	17.44	cps
Barium	135-1	32984	34196	33919	33700	1.88	cps
Barium	137-1	61142	60623	59853	60539	1.07	cps
Beryllium	9-1	128	89	122	113	18.62	cps
Bismuth	209-1	4841102	4853966	4825369	4840146	0.30	cps
Bismuth	209-2	1031123	1030198	1027332	1029551	0.19	cps
Boron	10-1	2817	2500	2300	2539	10.26	cps
Boron	11-1	12306	11613	12464	12128	3.73	cps
Cadmium	111-1	510	549	613	557	9.24	cps
Cadmium	106-1	658	725	808	731	10.29	cps
Cadmium	108-1	13	0	17	10	89.22	cps
Calcium	43-1	250939	247191	246383	248171	0.98	cps
Calcium	44-1	4130031	4107076	4111799	4116302	0.29	cps
Chromium	52-2	277	287	327	297	8.92	cps
Cobalt	59-2	163	143	130	146	11.53	cps
Copper	63-2	433	413	413	420	2.75	cps
Dysprosium	156-1	50	33	25	36	35.25	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	25	8	42	25	66.68	cps
Erbium	164-2	20	0	10	10	100.00	cps
Gadolinium	160-1	42	50	75	56	31.22	cps
Gadolinium	160-2	3	7	27	12	103.26	cps
Holmium	165-1	6479157	6547189	6511885	6512744	0.52	cps
Holmium	165-2	1196279	1193293	1193215	1194262	0.15	cps
Indium	115-1	4677125	4757556	4727760	4720814	0.86	cps
Indium	115-2	168120	168172	168130	168141	0.02	cps
Iron	56-2	45820	45280	45720	45606	0.63	cps
Iron	57-2	1178	1200	1089	1156	5.09	cps
Krypton	83-1	323	383	320	342	10.42	cps
Lead	206-1	450	461	483	465	3.65	cps
Lead	207-1	456	483	544	494	9.20	cps
Lead	208-1	2167	2039	2061	2089	3.27	cps
Lithium	6-1	644725	647118	649551	647131	0.37	cps
Magnesium	24-2	23604	23303	23111	23339	1.06	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : J2349-22DLX5 Instrumnet Name : P8
 Client Sample ID : LF012RW042-180410DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-17 21:16:36 DataFile Name : 107SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5038	5201	5074	5104	1.68	cps
Molybdenum	94-1	783	925	983	897	11.46	cps
Molybdenum	95-1	833	958	958	917	7.87	cps
Molybdenum	96-1	1133	1308	1150	1197	8.07	cps
Molybdenum	97-1	750	617	608	658	12.08	cps
Molybdenum	98-1	1592	1342	1584	1506	9.43	cps
Neodymium	150-1	60	60	47	56	13.85	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	247	273	263	261	5.16	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	11430	11580	11580	11530	0.75	cps
Rhodium	103-1	4196300	4241891	4180288	4206160	0.76	cps
Rhodium	103-2	981944	974922	981648	979505	0.41	cps
Scandium	45-1	2022937	2021923	2016322	2020394	0.18	cps
Scandium	45-2	13003	12369	12476	12616	2.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	15	-50	23	-4	-1014.33	cps
Silicon	28-1	2055630	2025267	2058750	2046549	0.90	cps
Silver	109-1	300	192	283	258	22.58	cps
Silver	107-1	317	217	258	264	19.04	cps
Sodium	23-2	246272	244068	242890	244410	0.70	cps
Strontium	86-1	112409	112452	112243	112368	0.10	cps
Strontium	88-1	974780	978789	974019	975863	0.26	cps
Sulfur	34-1	277127	273864	273407	274799	0.74	cps
Terbium	159-1	6668119	6694411	6683622	6682051	0.20	cps
Terbium	159-2	1135599	1130058	1131716	1132458	0.25	cps
Thallium	203-1	275	292	233	267	11.27	cps
Thallium	205-1	483	717	583	594	19.69	cps
Tin	118-1	1375	1192	1450	1339	9.93	cps
Titanium	47-1	367	300	208	292	27.26	cps
Uranium	238-1	3726	3859	3609	3731	3.35	cps
Vanadium	51-2	50	57	33	47	25.76	cps
Yttrium	89-1	4563300	4562480	4565731	4563837	0.04	cps
Yttrium	89-2	111726	111954	113120	112266	0.67	cps
Zinc	66-2	120	127	110	119	7.06	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	J2349-22DLX5	Instrumnet Name :	P8
Client Sample ID :	LF012RW042-180410DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-17 21:16:36	DataFile Name :	107SMPL_P8041718- M8

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	825	800	1050	892	15.44	cps
Zirconium	91-1	208	208	225	214	4.50	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:20:00	DataFile Name :	108CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	148183	150819	148149	149050	1.03	cps
Antimony	121-1	3280565	3321695	3316720	3306326	0.68	cps
Arsenic	75-2	29227	29886	29747	29620	1.17	cps
Barium	135-1	3600568	3627615	3644411	3624198	0.61	cps
Barium	137-1	6325275	6303620	6289273	6306056	0.29	cps
Beryllium	9-1	283464	285954	287440	285619	0.70	cps
Bismuth	209-1	4706011	4674227	4664384	4681541	0.46	cps
Bismuth	209-2	998938	1007362	1006823	1004374	0.47	cps
Boron	10-1	31836	33532	32947	32772	2.63	cps
Boron	11-1	149582	154397	158508	154162	2.90	cps
Cadmium	111-1	654858	659962	655605	656808	0.42	cps
Cadmium	106-1	67645	67971	67570	67729	0.32	cps
Cadmium	108-1	45744	46129	46100	45991	0.47	cps
Calcium	43-1	2715461	2739957	2759088	2738168	0.80	cps
Calcium	44-1	43661811	43993254	44273361	43976142	0.70	cps
Chromium	52-2	213949	216234	213494	214559	0.68	cps
Cobalt	59-2	466167	468987	469241	468132	0.36	cps
Copper	63-2	796863	803337	802283	800828	0.43	cps
Dysprosium	156-1	42	33	33	36	13.33	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	3	13	3	7	86.65	cps
Gadolinium	160-1	33	58	42	44	28.65	cps
Gadolinium	160-2	10	10	0	7	86.60	cps
Holmium	165-1	6599966	6634746	6577299	6604003	0.44	cps
Holmium	165-2	1238732	1241272	1245961	1241988	0.30	cps
Indium	115-1	4722148	4766709	4740779	4743212	0.47	cps
Indium	115-2	175413	176760	177566	176580	0.62	cps
Iron	56-2	35332148	35453813	35632369	35472777	0.43	cps
Iron	57-2	871211	878977	879742	876643	0.54	cps
Krypton	83-1	310	353	323	329	6.75	cps
Lead	206-1	2530686	2530975	2506803	2522822	0.55	cps
Lead	207-1	2342229	2311786	2315050	2323022	0.72	cps
Lead	208-1	10386464	10374898	10364661	10375341	0.11	cps
Lithium	6-1	609863	613765	620455	614694	0.87	cps
Magnesium	24-2	3400132	3439461	3453552	3431048	0.81	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:20:00	DataFile Name :	108CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117774	119186	119109	118690	0.67	cps
Molybdenum	94-1	5146400	5156615	5154918	5152644	0.11	cps
Molybdenum	95-1	6270155	6307099	6297128	6291461	0.30	cps
Molybdenum	96-1	7075900	7083163	7152916	7103993	0.60	cps
Molybdenum	97-1	3991894	3993771	3988446	3991370	0.07	cps
Molybdenum	98-1	10188627	10216533	10181977	10195713	0.18	cps
Neodymium	150-1	120	167	180	156	20.26	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	135807	137602	136935	136781	0.66	cps
Phosphorus	31-2	1959	1992	1875	1942	3.10	cps
Potassium	39-2	959106	972627	972149	967961	0.79	cps
Rhodium	103-1	4207569	4184578	4204817	4198988	0.30	cps
Rhodium	103-2	1012298	1007598	1019104	1013000	0.57	cps
Scandium	45-1	2237417	2241006	2246104	2241509	0.19	cps
Scandium	45-2	15812	15869	15976	15886	0.52	cps
Selenium	77-2	170	160	157	162	4.28	cps
Selenium	78-2	682	626	674	661	4.57	cps
Selenium	82-1	38491	39421	39122	39011	1.22	cps
Silicon	28-1	1158762	1171501	1174802	1168355	0.72	cps
Silver	109-1	3122886	3147218	3088143	3119416	0.95	cps
Silver	107-1	3239792	3217418	3258806	3238672	0.64	cps
Sodium	23-2	7938445	8020452	8012321	7990406	0.57	cps
Strontium	86-1	807756	808149	812964	809623	0.36	cps
Strontium	88-1	7117682	7119230	7116144	7117685	0.02	cps
Sulfur	34-1	377141	386271	385371	382928	1.31	cps
Terbium	159-1	6757537	6757537	6801299	6772124	0.37	cps
Terbium	159-2	1177827	1183910	1172662	1178133	0.48	cps
Thallium	203-1	3076194	3038067	3055060	3056440	0.62	cps
Thallium	205-1	7224165	7254973	7291548	7256895	0.46	cps
Tin	118-1	2264976	2272034	2268427	2268479	0.16	cps
Titanium	47-1	1341010	1357262	1396424	1364899	2.09	cps
Uranium	238-1	10590517	10455814	10337828	10461386	1.21	cps
Vanadium	51-2	156823	161336	161407	159855	1.64	cps
Yttrium	89-1	4806442	4819296	4788386	4804708	0.32	cps
Yttrium	89-2	127306	128622	129829	128586	0.98	cps
Zinc	66-2	72331	73933	73319	73194	1.10	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P8
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-04-17 21:20:00	DataFile Name :	108CCV_P8041718- MS

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4328277	4369342	4384956	4360858	0.67	cps
Zirconium	91-1	935289	941327	942705	939773	0.42	cps

LB Number : LB94711 Operator : Jaswal
 Lab Sample ID : CCB29 Instrumnet Name : P8
 Client Sample ID : CCB29 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-17 21:23:14 DataFile Name : 109CCBE_P8041718- M:

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	8	3	173.21	cps
Antimony	121-1	9704	10663	11172	10513	7.09	cps
Arsenic	75-2	11	11	19	14	31.50	cps
Barium	135-1	92	242	108	147	55.84	cps
Barium	137-1	367	300	350	339	10.24	cps
Beryllium	9-1	283	306	278	289	5.09	cps
Bismuth	209-1	4909249	4936855	4796182	4880762	1.53	cps
Bismuth	209-2	1078448	1065937	1068119	1070835	0.62	cps
Boron	10-1	1483	1208	1192	1295	12.65	cps
Boron	11-1	7169	6318	6277	6588	7.64	cps
Cadmium	111-1	540	650	580	590	9.44	cps
Cadmium	106-1	667	742	650	686	7.12	cps
Cadmium	108-1	21	4	0	8	132.26	cps
Calcium	43-1	475	442	525	481	8.73	cps
Calcium	44-1	9754	9329	9370	9484	2.47	cps
Chromium	52-2	257	200	247	234	12.90	cps
Cobalt	59-2	47	43	37	42	12.06	cps
Copper	63-2	160	160	170	163	3.53	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	17	25	33	25	33.32	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	6639264	6676641	6454427	6590111	1.81	cps
Holmium	165-2	1253848	1234799	1249682	1246110	0.80	cps
Indium	115-1	4938533	4982847	4715186	4878856	2.94	cps
Indium	115-2	184875	182462	184455	183931	0.70	cps
Iron	56-2	3273	3234	2634	3047	11.76	cps
Iron	57-2	100	78	78	85	15.06	cps
Krypton	83-1	383	317	363	354	9.65	cps
Lead	206-1	317	411	350	359	13.33	cps
Lead	207-1	378	428	394	400	6.36	cps
Lead	208-1	1622	1778	1611	1670	5.58	cps
Lithium	6-1	637986	640229	617963	632059	1.94	cps
Magnesium	24-2	642	458	350	483	30.50	cps

LB Number :	LB94711	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P8
Client Sample ID :	CCB29	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	37	13	22	56.80	cps
Molybdenum	94-1	2559	2442	3117	2706	13.34	cps
Molybdenum	95-1	3326	3792	4526	3881	15.59	cps
Molybdenum	96-1	3534	4034	4701	4090	14.32	cps
Molybdenum	97-1	1942	2392	2951	2428	20.81	cps
Molybdenum	98-1	5301	6277	7277	6285	15.72	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	180	193	207	193	6.90	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1542	1417	1367	1442	6.25	cps
Rhodium	103-1	4457744	4444926	4316070	4406246	1.78	cps
Rhodium	103-2	1067044	1060226	1063152	1063474	0.32	cps
Scandium	45-1	2174719	2187292	2132573	2164861	1.32	cps
Scandium	45-2	14861	14745	15205	14937	1.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	-36	-7	-55	-33	-74.05	cps
Silicon	28-1	244009	240378	244298	242895	0.90	cps
Silver	109-1	317	367	342	342	7.32	cps
Silver	107-1	292	317	367	325	11.75	cps
Sodium	23-2	4451	4401	4151	4334	3.71	cps
Strontium	86-1	742	583	617	647	12.90	cps
Strontium	88-1	608	567	542	572	5.89	cps
Sulfur	34-1	232854	231109	232117	232027	0.38	cps
Terbium	159-1	6810878	6792240	6500625	6701248	2.60	cps
Terbium	159-2	1191554	1167373	1184998	1181309	1.06	cps
Thallium	203-1	1042	1008	908	986	7.04	cps
Thallium	205-1	2525	2292	2125	2314	8.68	cps
Tin	118-1	1925	2092	1834	1950	6.72	cps
Titanium	47-1	167	200	233	200	16.67	cps
Uranium	238-1	683	767	700	717	6.15	cps
Vanadium	51-2	13	13	3	10	57.75	cps
Yttrium	89-1	4834780	4817005	4652357	4768047	2.11	cps
Yttrium	89-2	126502	125012	124958	125491	0.70	cps
Zinc	66-2	20	10	33	21	55.45	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1117	1133	1033	1095	4.90	cps
Zirconium	91-1	275	225	250	250	10.00	cps