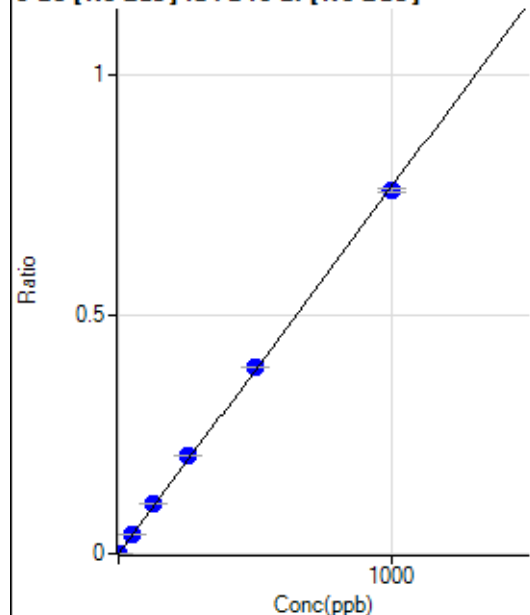


Batch Folder: D:\ICP-MS Data\P7122118MS.b\
Analysis File: P7122118MS.batch.bin
DA Date-Time: 2018-12-21 13:40:06
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-12-21 13:25:46
2	007CALS.d	S01	2018-12-21 13:44:12
3	008CALS.d	S02	2018-12-21 13:48:00
4	009CALS.d	S03	2018-12-21 13:51:48
5	010CALS.d	S04	2018-12-21 13:55:36
6	011CALS.d	S05	2018-12-21 13:59:24
7	012CALS.d	S06	2018-12-21 14:03:11
8	014CALS.d	S07	2018-12-21 14:11:09
9	015CALS.d	S08	2018-12-21 14:14:53

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	28.8
2	☐	0.100	0.110	450.02	0.0001	P	15.3
3	☐	1.000	0.981	3615.35	0.0008	P	3.1
4	☐	50.000	54.712	197501.01	0.0420	P	0.7
5	☐	125.000	135.878	448598.61	0.1042	P	0.2
6	☐	250.000	266.684	835439.50	0.2046	P	0.6
7	☐	500.000	510.513	1641597.78	0.3916	P	0.1
8	☐	1000.000	988.977	3288743.77	0.7586	P	0.9
9	☐			422.24	0.0001	P	9.0

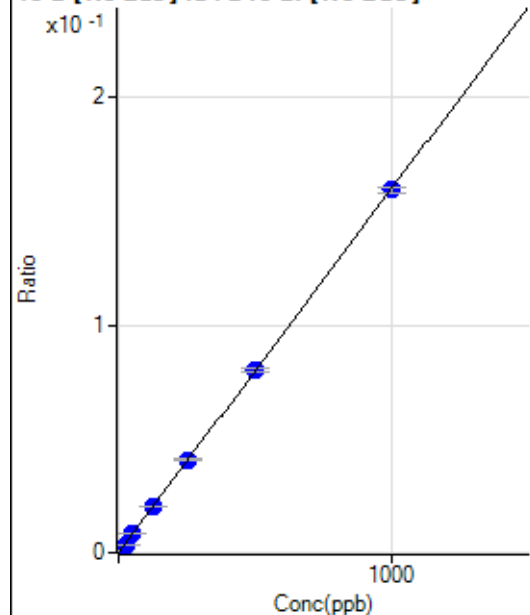
$$y = 7.6703\text{E-}004 * x + 1.3197\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.01484$$

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	386.13	0.0001	P	10.2
2	☐	2.500	3.465	2905.94	0.0006	P	4.0
3	☐	25.000	23.103	17783.33	0.0038	P	1.4
4	☐	50.000	51.367	38962.42	0.0083	P	2.7
5	☐	125.000	128.140	88405.57	0.0205	P	1.2
6	☐	250.000	255.013	166674.64	0.0408	P	2.3
7	☐	500.000	502.329	336704.54	0.0803	P	2.3
8	☐	1000.000	997.167	690993.01	0.1594	P	1.6
9	☐			27080.74	0.0063	P	10.5

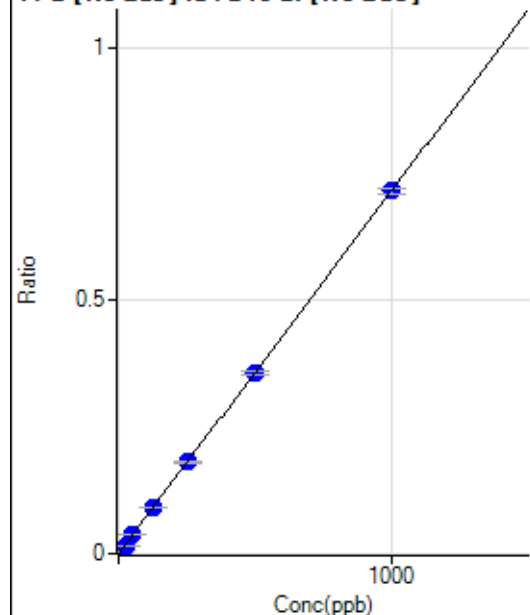
$$y = 1.5974\text{E-}004 * x + 7.6465\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1459$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1769.62	0.0004	P	10.6
2	☐	2.500	3.478	13114.56	0.0028	P	2.6
3	☐	25.000	22.686	78394.98	0.0166	P	2.2
4	☐	50.000	50.409	171589.30	0.0365	P	2.0
5	☐	125.000	126.799	392486.66	0.0912	P	1.2
6	☐	250.000	253.295	742703.29	0.1819	P	2.1
7	☐	500.000	497.466	1495888.61	0.3568	P	2.8
8	☐	1000.000	1000.253	3109390.09	0.7171	P	1.3
9	☐			121476.47	0.0285	P	10.3

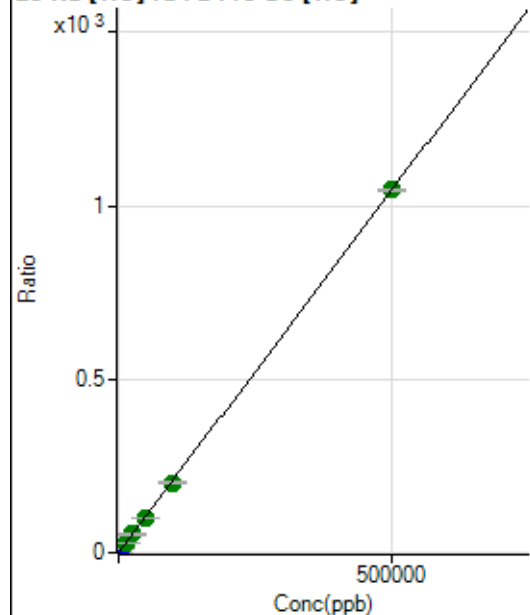
$$y = 7.1657\text{E-}004 * x + 3.5038\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.1559$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9014.14	0.0308	P	2.9
2	☐	50.000	42.531	31091.48	0.1196	P	1.0
3	☐	500.000	446.093	255464.95	0.9619	P	0.9
4	☐	5000.000	4983.848	2637451.80	10.4332	P	0.5
5	☐	12500.000	12802.521	5866683.64	26.7524	A	1.2
6	☐	25000.000	25301.274	11691273.87	52.8400	A	0.8
7	☐	50000.000	48772.947	23776701.40	101.8303	A	0.4
8	☐	100000.00	96415.602	50301229.94	201.2707	A	1.3
9	☐	500000.00	500817.17	271561714.4	1,045.342	A	0.4

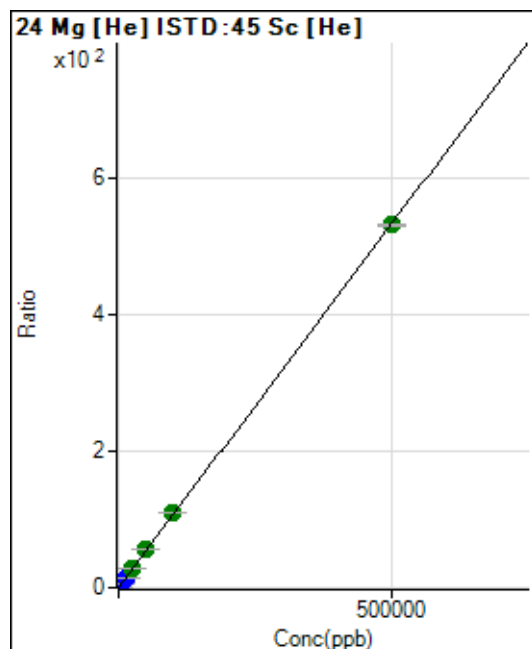
$$y = 0.0021 * x + 0.0308$$

$$R = 1.0000$$

$$DL = 1.304$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0006	P	14.7
2	☐	50.000	48.055	13439.86	0.0517	P	1.4
3	☐	500.000	489.280	138465.12	0.5214	P	1.2
4	☐	5000.000	5521.049	1485735.26	5.8773	P	0.0
5	☐	12500.000	14140.817	3300811.49	15.0524	P	1.5
6	☐	25000.000	27603.448	6501064.68	29.3824	A	0.9
7	☐	50000.000	52897.073	13146871.56	56.3056	A	0.8
8	☐	100000.00	103532.20	27542246.45	110.2030	A	1.2
9	☐	500000.00	498827.45	137934872.5	530.9657	A	0.7

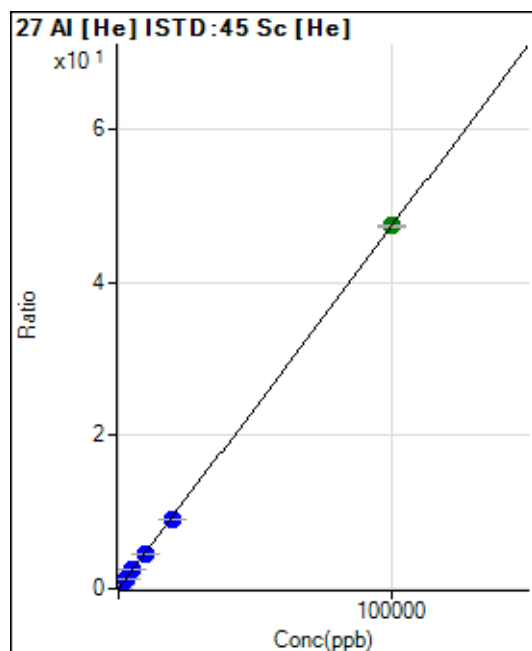
$$y = 0.0011 * x + 5.5101E-004$$

$$R = 1.0000$$

$$DL = 0.229$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0002	P	17.6
2	☐	2.000	1.496	233.34	0.0009	P	18.2
3	☐	20.000	17.785	2283.60	0.0086	P	4.9
4	☐	1000.000	1027.008	122803.33	0.4858	P	0.7
5	☐	2500.000	2601.015	269737.86	1.2300	P	1.1
6	☐	5000.000	5112.024	534832.13	2.4172	P	1.3
7	☐	10000.000	9804.172	1082431.19	4.6358	P	0.2
8	☐	20000.000	19299.570	2280757.06	9.1254	P	0.7
9	☐	100000.00	100151.27	12301646.20	47.3535	A	0.6

$$y = 4.7282E-004 * x + 1.9009E-004$$

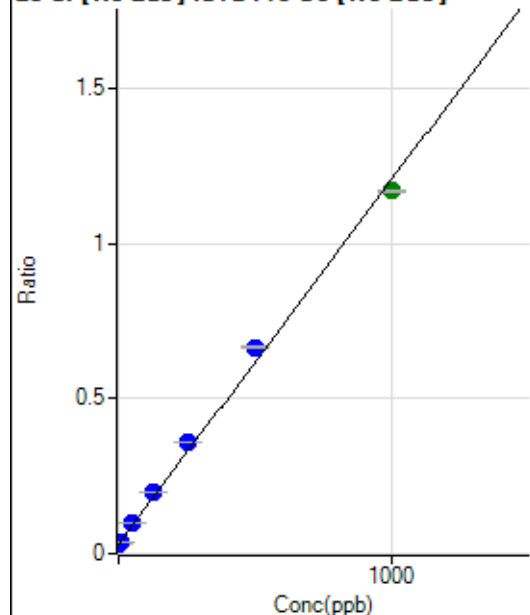
$$R = 1.0000$$

$$DL = 0.2119$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	242854.30	0.0316	P	3.0
2	☐	1.000	-2.287	201972.77	0.0289	P	1.3
3	☐	10.000	6.491	280271.40	0.0392	P	0.6
4	☐	50.000	57.170	695236.63	0.0988	P	1.7
5	☐	125.000	142.617	1262101.80	0.1993	P	1.1
6	☐	250.000	279.990	2161363.18	0.3608	P	0.8
7	☐	500.000	540.827	4144708.73	0.6676	P	0.9
8	☐	1000.000	969.567	7673925.43	1.1718	A	0.3
9	☐			343947.51	0.0530	P	1.7

$$y = 0.0012 * x + 0.0316$$

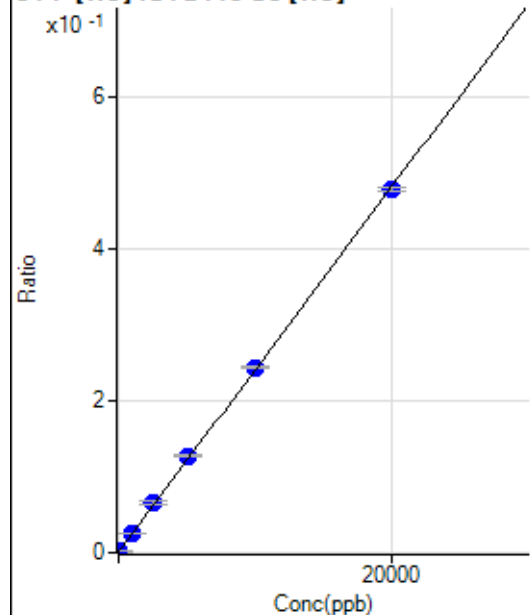
$$R = 0.9981$$

$$DL = 2.428$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.670	88.89	0.0003	P	42.5
2	☐	0.000	-10.192	119.45	0.0005	P	21.3
3	☐	0.000	26.862	358.35	0.0013	P	8.9
4	☐	1000.000	1045.673	6518.36	0.0258	P	2.0
5	☐	2500.000	2699.927	14351.95	0.0655	P	6.2
6	☐	5000.000	5253.565	28035.56	0.1267	P	2.2
7	☐	10000.000	10121.676	56856.46	0.2435	P	0.8
8	☐	20000.000	19848.496	119176.15	0.4768	P	1.0
9	☐			136.12	0.0005	P	24.8

$$y = 2.3987E-005 * x + 7.0399E-004$$

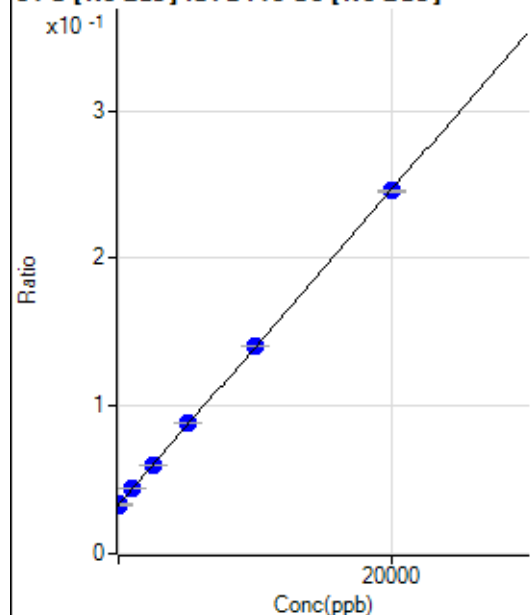
$$R = 0.9998$$

$$DL = 14.49$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	36.633	258346.00	0.0336	P	0.6
2	☐	0.000	-44.300	228827.27	0.0327	P	0.5
3	☐	0.000	7.667	237857.10	0.0333	P	0.4
4	☐	1000.000	1049.619	312374.71	0.0444	P	0.7
5	☐	2500.000	2551.663	382685.86	0.0604	P	0.4
6	☐	5000.000	5180.292	530001.96	0.0885	P	1.0
7	☐	10000.000	10061.455	872897.20	0.1406	P	0.4
8	☐	20000.000	19915.260	1609653.26	0.2458	P	0.8
9	☐			196664.59	0.0303	P	1.6

$$y = 1.0676\text{E-}005 * x + 0.0332$$

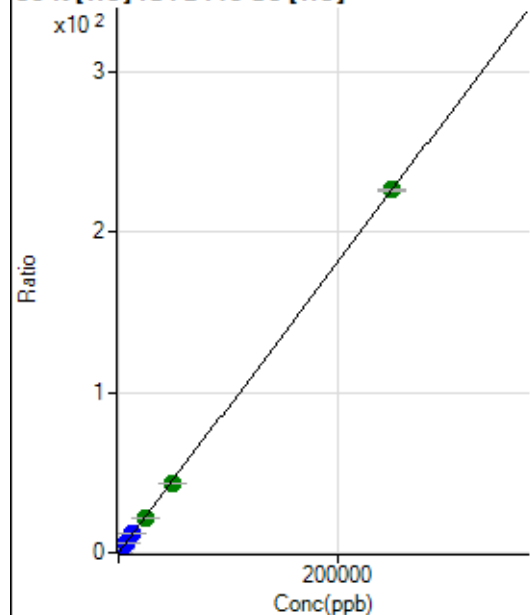
$$R = 0.9999$$

$$DL = 47.05$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11404.90	0.0390	P	2.3
2	☐	50.000	44.091	20487.16	0.0788	P	1.4
3	☐	500.000	463.305	121441.50	0.4572	P	1.2
4	☐	2500.000	2545.091	590606.47	2.3363	P	0.5
5	☐	6250.000	6442.895	1283923.37	5.8547	P	1.1
6	☐	12500.000	12613.025	2527768.24	11.4242	P	0.4
7	☐	25000.000	24267.092	5123682.01	21.9437	A	0.7
8	☐	50000.000	47995.298	10837575.24	43.3620	A	0.8
9	☐	250000.00	250463.38	58742065.20	226.1202	A	0.7

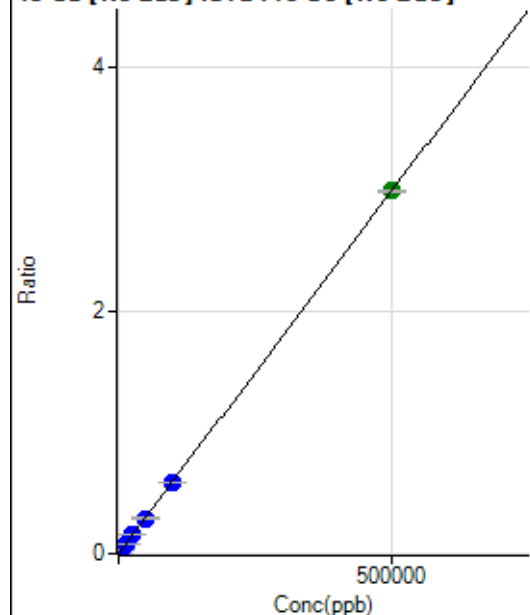
$$y = 9.0265\text{E-}004 * x + 0.0390$$

$$R = 1.0000$$

$$DL = 3.035$$

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	180.56	0.0000	P	2.6
2	☐	50.000	46.373	2100.24	0.0003	P	7.4
3	☐	500.000	448.476	19296.57	0.0027	P	0.6
4	☐	5000.000	4965.565	208620.56	0.0296	P	0.5
5	☐	12500.000	12667.785	478635.43	0.0756	P	0.5
6	☐	25000.000	25469.282	910030.03	0.1519	P	0.5
7	☐	50000.000	49047.580	1816274.33	0.2925	P	0.5
8	☐	100000.00	97476.331	3807406.98	0.5814	P	0.5
9	☐	500000.00	500572.71	19363869.35	2.9854	A	0.6

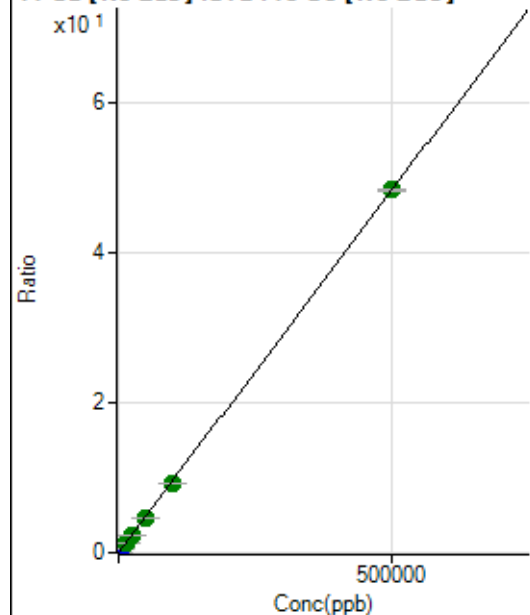
$$y = 5.9640\text{E-}006 * x + 2.3461\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.3109$$

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	4450.90	0.0006	P	5.3
2	☐	50.000	45.214	34583.11	0.0049	P	0.5
3	☐	500.000	446.044	312040.56	0.0436	P	0.5
4	☐	5000.000	4965.101	3376974.99	0.4798	P	0.9
5	☐	12500.000	12479.312	7632496.96	1.2051	A	0.5
6	☐	25000.000	24980.635	14445851.02	2.4117	A	1.2
7	☐	50000.000	48526.373	29083305.51	4.6843	A	0.1
8	☐	100000.00	96342.694	60900545.81	9.2996	A	0.8
9	☐	500000.00	500880.71	313582240.3	48.3456	A	0.7

$$y = 9.6520\text{E-}005 * x + 5.7828\text{E-}004$$

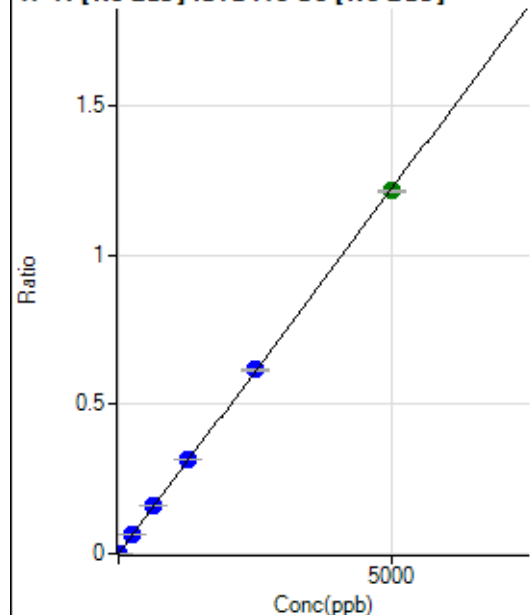
$$R = 1.0000$$

$$DL = 0.9594$$

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	88.89	0.0000	P	5.7
2	☐	0.500	0.472	886.18	0.0001	P	12.2
3	☐	5.000	4.867	8580.61	0.0012	P	3.1
4	☐	250.000	255.797	439670.20	0.0625	P	0.5
5	☐	625.000	649.527	1004552.47	0.1586	P	0.3
6	☐	1250.000	1298.623	1899369.75	0.3171	P	0.6
7	☐	2500.000	2520.189	3820464.06	0.6153	P	0.6
8	☐	5000.000	4974.394	7953874.48	1.2146	A	0.8
9	☐			4228.56	0.0007	P	2.8

$$y = 2.4416E-004 * x + 1.1551E-005$$

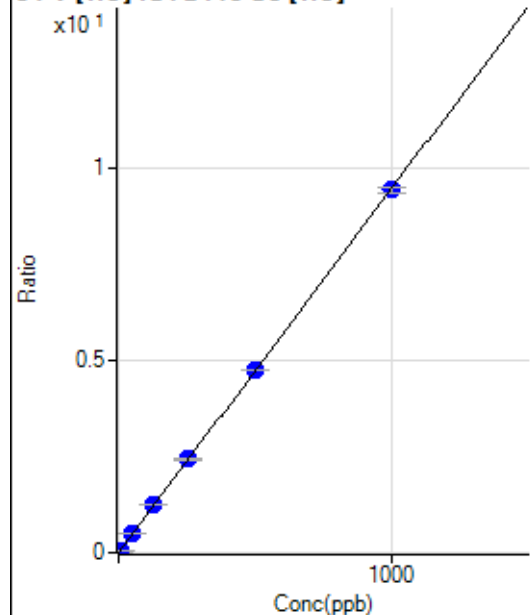
$$R = 0.9999$$

$$DL = 0.008054$$

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	3.33	0.0000	P	173.
2	☐	0.500	0.510	1257.86	0.0048	P	6.5
3	☐	5.000	4.961	12485.42	0.0470	P	1.4
4	☐	50.000	51.855	124182.85	0.4912	P	0.4
5	☐	125.000	130.423	270950.16	1.2355	P	1.2
6	☐	250.000	256.653	537970.31	2.4313	P	0.5
7	☐	500.000	501.760	1109884.93	4.7533	P	0.3
8	☐	1000.000	996.686	2359678.20	9.4418	P	1.4
9	☐			405.57	0.0016	P	11.8

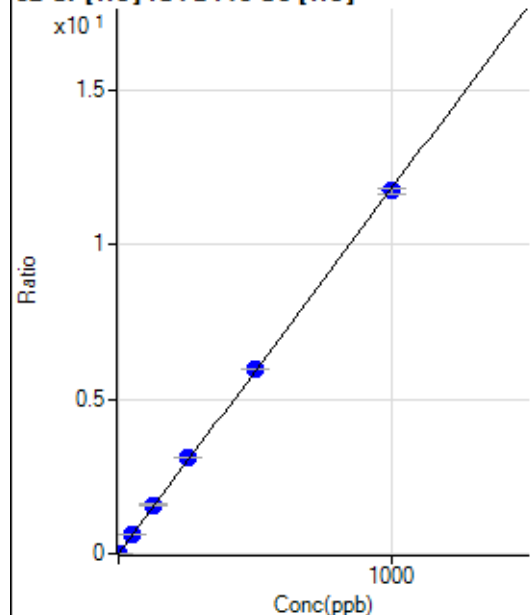
$$y = 0.0095 * x + 1.1431E-005$$

$$R = 1.0000$$

$$DL = 0.00627$$

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	844.48	0.0029	P	1.2
2	☐	0.200	0.216	1415.65	0.0054	P	5.6
3	☐	2.000	1.950	6891.70	0.0259	P	1.2
4	☐	50.000	52.847	158672.55	0.6277	P	0.9
5	☐	125.000	133.484	346717.21	1.5810	P	1.1
6	☐	250.000	261.403	684446.68	3.0934	P	0.5
7	☐	500.000	504.475	1393293.23	5.9671	P	0.6
8	☐	1000.000	993.709	2936722.39	11.7511	P	1.6
9	☐			45729.76	0.1760	P	0.6

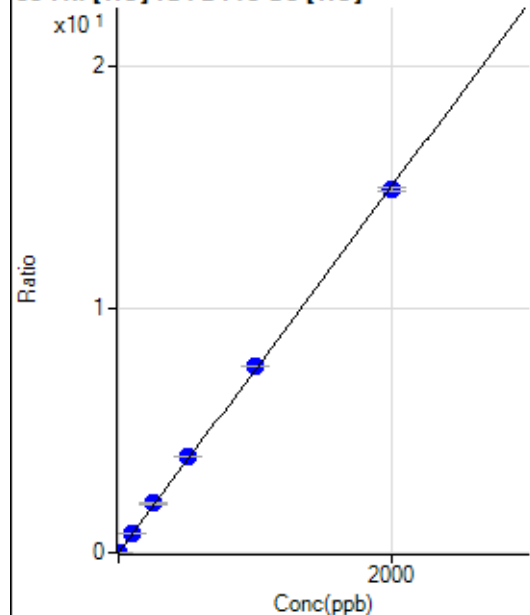
$$y = 0.0118 * x + 0.0029$$

$$R = 0.9999$$

$$DL = 0.008614$$

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	88.89	0.0003	P	1.8
2	☐	0.100	0.089	252.23	0.0010	P	4.8
3	☐	1.000	1.014	2104.63	0.0079	P	2.8
4	☐	100.000	105.867	201292.64	0.7963	P	0.6
5	☐	250.000	269.630	444608.35	2.0275	P	1.6
6	☐	500.000	527.549	877697.95	3.9667	P	0.5
7	☐	1000.000	1016.161	1783997.25	7.6404	P	0.0
8	☐	2000.000	1982.285	3724902.86	14.9042	P	1.2
9	☐			21855.33	0.0841	P	2.4

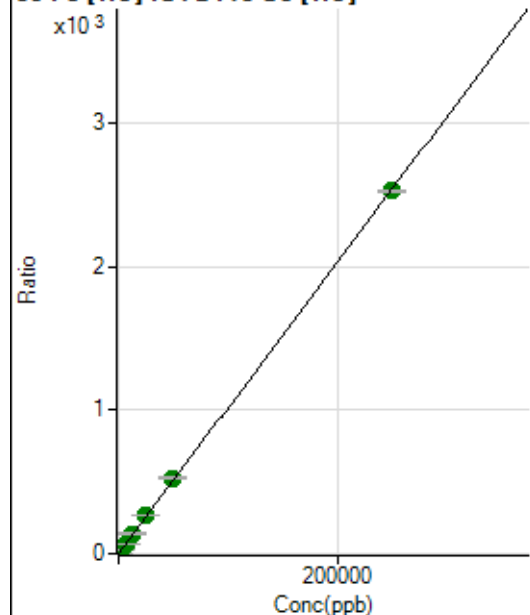
$$y = 0.0075 * x + 3.0404E-004$$

$$R = 0.9998$$

$$DL = 0.002216$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3919.16	0.0134	P	3.6
2	☐	5.000	4.989	16619.03	0.0639	P	2.3
3	☐	50.000	54.027	148876.21	0.5606	P	1.1
4	☐	2500.000	2794.173	7156968.68	28.3116	A	0.5
5	☐	6250.000	7083.698	15735480.79	71.7541	A	1.2
6	☐	12500.000	13867.904	31078124.77	140.4617	A	0.9
7	☐	25000.000	26587.019	62874249.56	269.2756	A	0.4
8	☐	50000.000	51926.066	131426209.4	525.8988	A	1.6
9	☐	250000.00	249363.90	656069592.4	2,525.466	A	0.4

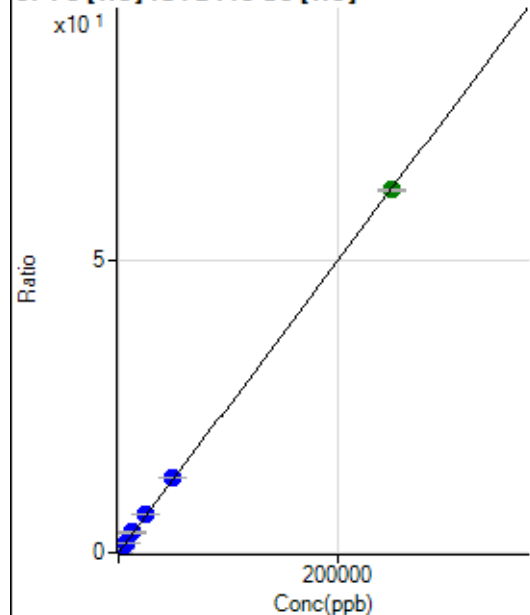
$$y = 0.0101 * x + 0.0134$$

$$R = 0.9999$$

$$DL = 0.1412$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0005	P	19.5
2	☐	5.000	5.649	483.36	0.0019	P	19.3
3	☐	50.000	57.718	3930.27	0.0148	P	4.9
4	☐	2500.000	2802.080	176131.82	0.6968	P	0.7
5	☐	6250.000	7126.557	388442.04	1.7714	P	1.5
6	☐	12500.000	13921.969	765531.65	3.4600	P	1.2
7	☐	25000.000	26776.266	1553719.59	6.6542	P	0.4
8	☐	50000.000	51890.365	3222763.99	12.8949	P	1.1
9	☐	250000.00	249348.26	16096473.97	61.9621	A	0.2

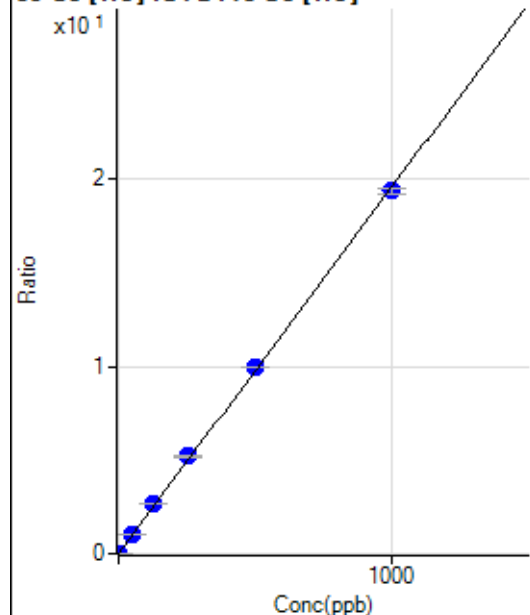
$$y = 2.4849E-004 * x + 4.5635E-004$$

$$R = 0.9999$$

$$DL = 1.073$$

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	101.12	0.0003	P	13.8
2	☐	0.100	0.101	601.13	0.0023	P	10.2
3	☐	1.000	0.997	5268.80	0.0198	P	2.9
4	☐	50.000	54.356	268576.66	1.0624	P	0.4
5	☐	125.000	136.261	583935.47	2.6628	P	1.3
6	☐	250.000	265.501	1147930.69	5.1881	P	0.5
7	☐	500.000	508.056	2318022.14	9.9275	P	0.1
8	☐	1000.000	990.472	4836702.29	19.3536	P	1.6
9	☐			58198.21	0.2240	P	0.3

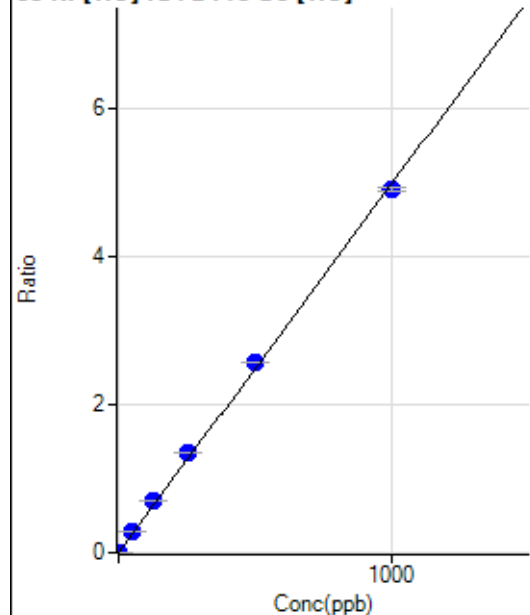
$$y = 0.0195 * x + 3.4605E-004$$

$$R = 0.9998$$

$$DL = 0.007347$$

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	57.78	0.0002	P	35.6
2	☐	0.100	0.129	217.78	0.0008	P	11.3
3	☐	1.000	1.100	1505.66	0.0057	P	7.5
4	☐	50.000	56.654	71263.19	0.2819	P	0.4
5	☐	125.000	139.905	152611.06	0.6959	P	0.7
6	☐	250.000	271.028	298221.40	1.3479	P	1.1
7	☐	500.000	516.462	599687.31	2.5683	P	0.1
8	☐	1000.000	984.316	1223286.72	4.8947	P	1.2
9	☐			22819.05	0.0878	P	1.5

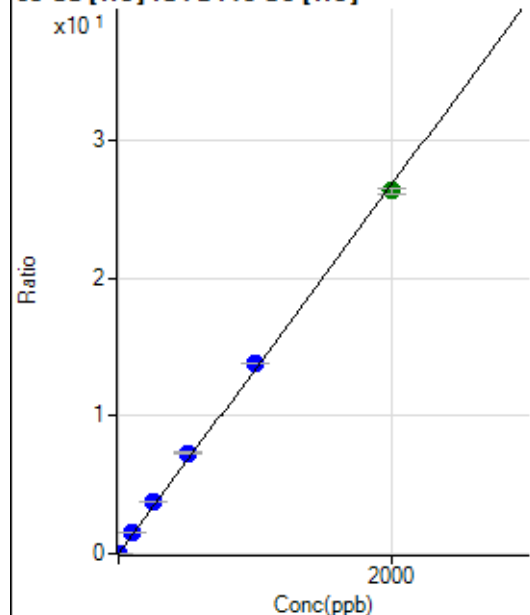
$$y = 0.0050 * x + 1.9782E-004$$

$$R = 0.9995$$

$$DL = 0.04247$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	242.23	0.0008	P	6.9
2	☐	0.200	0.190	876.71	0.0034	P	5.0
3	☐	2.000	2.092	7647.67	0.0288	P	1.5
4	☐	100.000	113.195	382752.04	1.5141	P	0.2
5	☐	250.000	282.270	827706.23	3.7744	P	1.4
6	☐	500.000	546.331	1616249.92	7.3046	P	0.5
7	☐	1000.000	1033.579	3226574.92	13.8185	P	0.4
8	☐	2000.000	1966.934	6571544.48	26.2964	A	1.8
9	☐			9052.92	0.0348	P	2.0

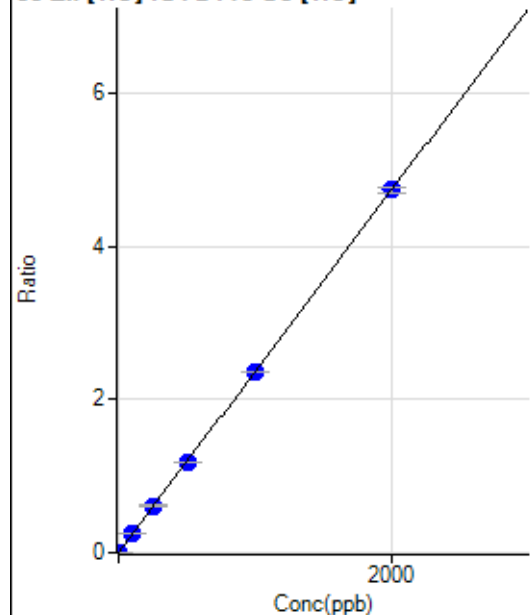
$$y = 0.0134 * x + 8.2871E-004$$

$$R = 0.9994$$

$$DL = 0.01277$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	408.90	0.0014	P	8.1
2	☐	0.200	0.867	897.82	0.0035	P	2.4
3	☐	2.000	2.551	1977.95	0.0074	P	4.7
4	☐	100.000	101.822	61349.30	0.2427	P	0.2
5	☐	250.000	258.157	134461.99	0.6132	P	1.3
6	☐	500.000	495.481	260100.58	1.1755	P	0.8
7	☐	1000.000	997.846	552454.43	2.3660	P	0.6
8	☐	2000.000	2001.095	1185446.97	4.7434	P	1.6
9	☐			7960.06	0.0306	P	1.4

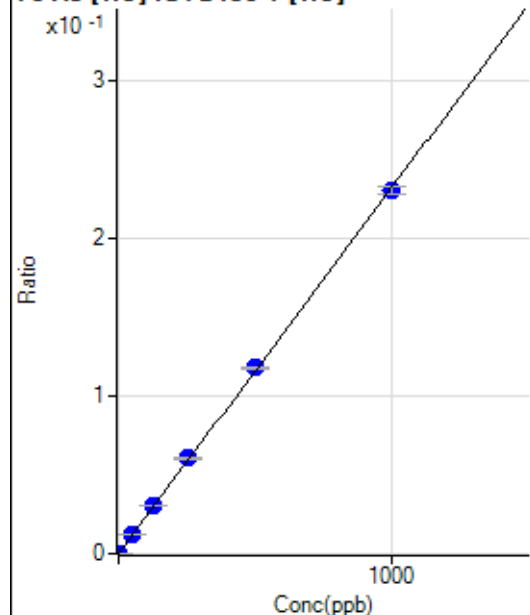
$$y = 0.0024 * x + 0.0014$$

$$R = 1.0000$$

$$DL = 0.1437$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.64	0.0000	P	74.9
2	☐	0.100	0.071	30.86	0.0000	P	32.7
3	☐	1.000	0.957	322.23	0.0002	P	7.1
4	☐	50.000	53.698	16957.47	0.0125	P	1.2
5	☐	125.000	131.773	37138.04	0.0306	P	1.6
6	☐	250.000	260.353	73320.38	0.0605	P	0.2
7	☐	500.000	508.409	148851.83	0.1181	P	0.7
8	☐	1000.000	992.176	306158.54	0.2305	P	2.2
9	☐			377.79	0.0003	P	11.0

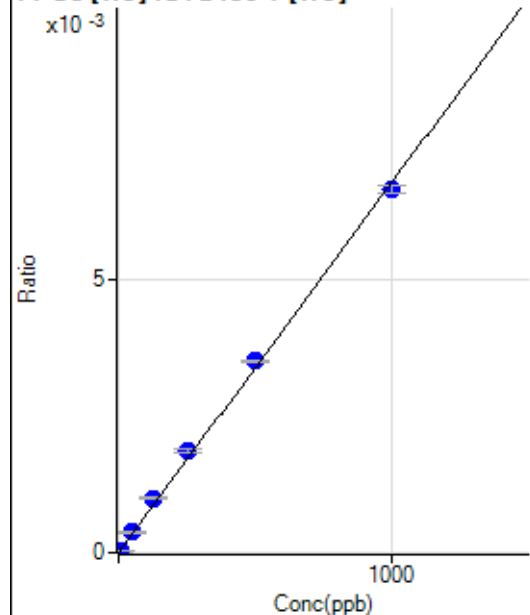
$$y = 2.3228\text{E-}004 * x + 5.6181\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.05437$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	0.595	5.56	0.0000	P	35.3
3	☐	5.000	5.355	51.11	0.0000	P	42.4
4	☐	50.000	54.655	501.13	0.0004	P	2.5
5	☐	125.000	147.938	1211.18	0.0010	P	2.6
6	☐	250.000	274.317	2243.54	0.0019	P	4.0
7	☐	500.000	518.918	4412.97	0.0035	P	0.9
8	☐	1000.000	981.360	8796.14	0.0066	P	2.3
9	☐			2.22	0.0000	P	86.6

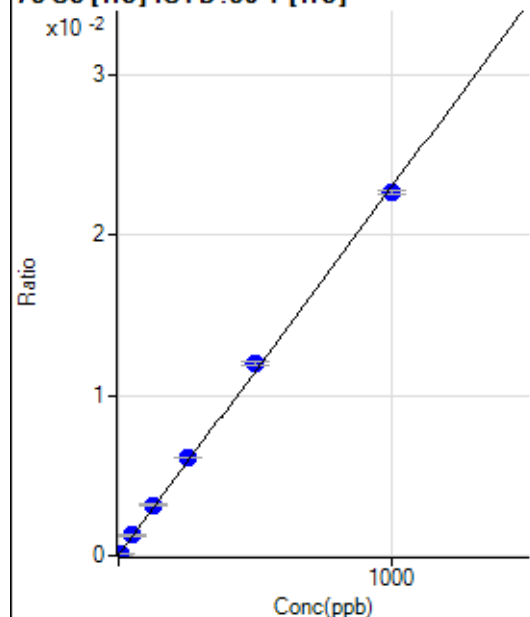
$$y = 6.7472\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9992$$

$$DL = 0$$

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	38.89	0.0000	P	17.4
2	☐	0.500	0.464	50.00	0.0000	P	5.6
3	☐	5.000	5.769	223.46	0.0002	P	5.9
4	☐	50.000	54.195	1727.90	0.0013	P	2.1
5	☐	125.000	135.765	3816.58	0.0031	P	3.9
6	☐	250.000	265.641	7435.91	0.0061	P	1.0
7	☐	500.000	520.282	15111.04	0.0120	P	2.0
8	☐	1000.000	984.390	30108.39	0.0227	P	1.1
9	☐			48.15	0.0000	P	16.9

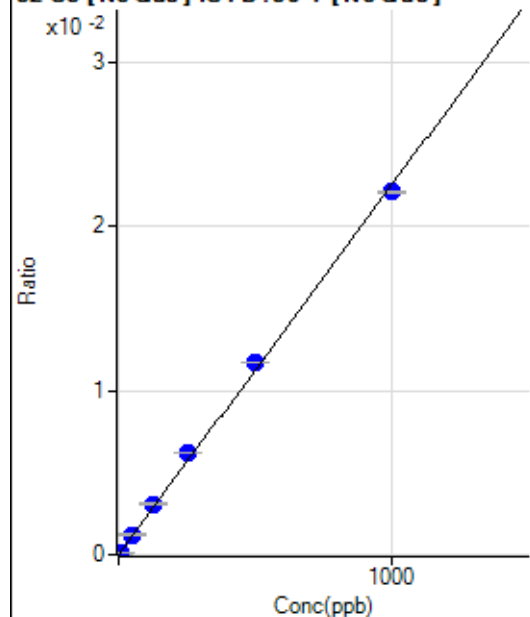
$$y = 2.2994\text{E-}005 * x + 2.5363\text{E-}005$$

$$R = 0.9995$$

$$DL = 0.5747$$

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	8.40	0.0000	P	473.
2	☐	0.500	0.580	148.77	0.0000	P	43.8
3	☐	5.000	5.128	1283.59	0.0001	P	3.1
4	☐	50.000	54.638	13418.62	0.0012	P	1.5
5	☐	125.000	137.507	31256.69	0.0031	P	0.9
6	☐	250.000	274.542	59602.67	0.0062	P	0.4
7	☐	500.000	519.435	115998.78	0.0117	P	0.4
8	☐	1000.000	982.351	231204.55	0.0221	P	0.6
9	☐			80.90	0.0000	P	102.

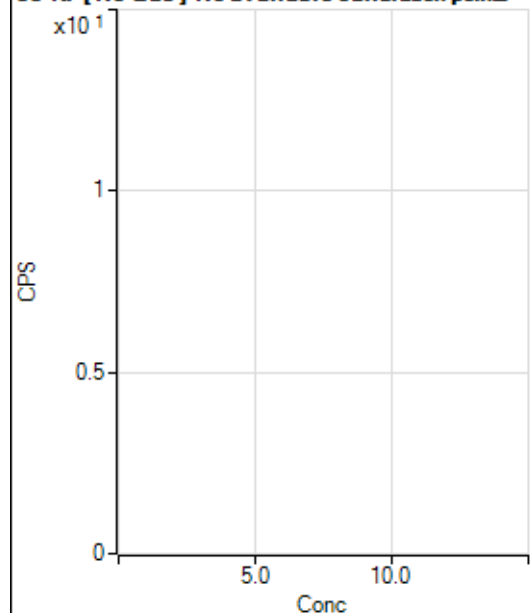
$$y = 2.2527\text{E-}005 * x + 7.1951\text{E-}007$$

$$R = 0.9993$$

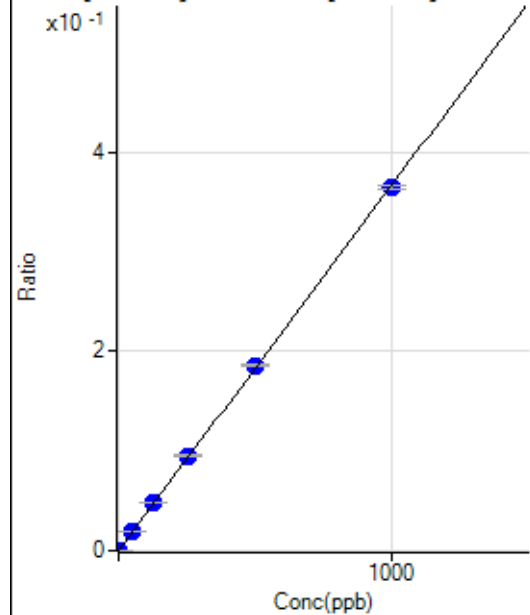
$$DL = 0.4539$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			320.01		P	11.7
2	☐			283.34		P	7.7
3	☐			370.01		P	6.2
4	☐			308.90		P	8.0
5	☐			294.45		P	13.6
6	☐			273.34		P	18.4
7	☐			262.23		P	11.5
8	☐			312.23		P	9.9
9	☐			435.57		P	10.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	500.03	0.0000	P	14.0
2	☐	0.100	0.102	863.96	0.0001	P	11.3
3	☐	1.000	0.914	4170.24	0.0004	P	1.2
4	☐	50.000	51.438	206114.12	0.0189	P	1.0
5	☐	125.000	129.908	481308.64	0.0477	P	0.8
6	☐	250.000	260.184	920351.99	0.0955	P	0.4
7	☐	500.000	506.851	1843958.79	0.1860	P	0.7
8	☐	1000.000	993.343	3808258.64	0.3645	P	1.1
9	☐			17603.04	0.0018	P	0.9

$$y = 3.6693E-004 * x + 4.2419E-005$$

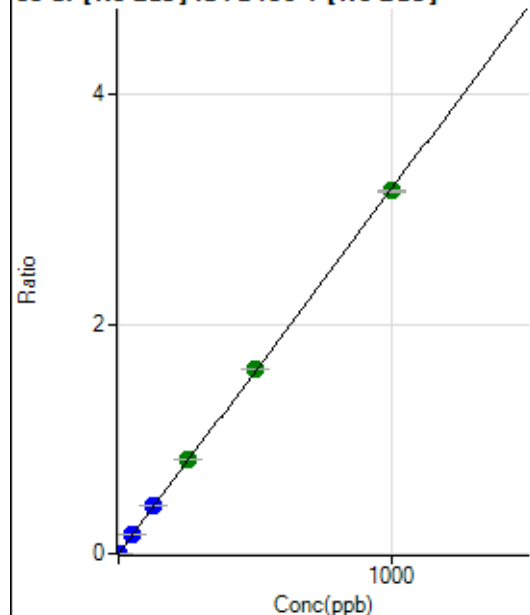
$$R = 0.9999$$

$$DL = 0.04851$$

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	294.47	0.0000	P	27.2
2	☐	0.100	0.092	3414.44	0.0003	P	3.0
3	☐	1.000	0.902	31900.35	0.0029	P	1.3
4	☐	50.000	51.340	1776745.16	0.1631	P	1.1
5	☐	125.000	130.625	4185295.88	0.4149	P	0.2
6	☐	250.000	257.108	7868113.46	0.8165	A	0.4
7	☐	500.000	505.068	15899511.64	1.6040	A	0.3
8	☐	1000.000	994.919	33008765.32	3.1596	A	0.8
9	☐			144021.58	0.0144	P	1.1

$$y = 0.0032 * x + 2.5000E-005$$

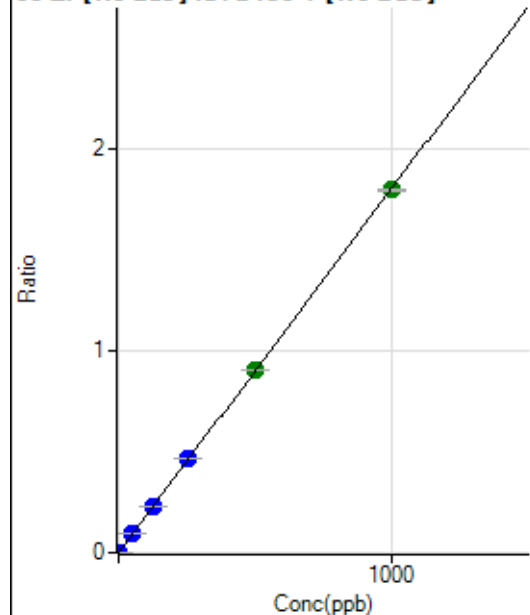
$$R = 0.9999$$

$$DL = 0.006417$$

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	738.94	0.0001	P	23.4
2	☐	0.100	0.103	2689.24	0.0002	P	3.7
3	☐	1.000	0.907	18776.85	0.0017	P	2.0
4	☐	50.000	51.162	1006980.99	0.0924	P	0.7
5	☐	125.000	129.290	2355180.22	0.2335	P	0.1
6	☐	250.000	259.501	4514481.35	0.4685	P	0.3
7	☐	500.000	500.424	8955026.15	0.9034	A	0.2
8	☐	1000.000	996.818	18799275.42	1.7995	A	0.7
9	☐			8024.83	0.0008	P	2.7

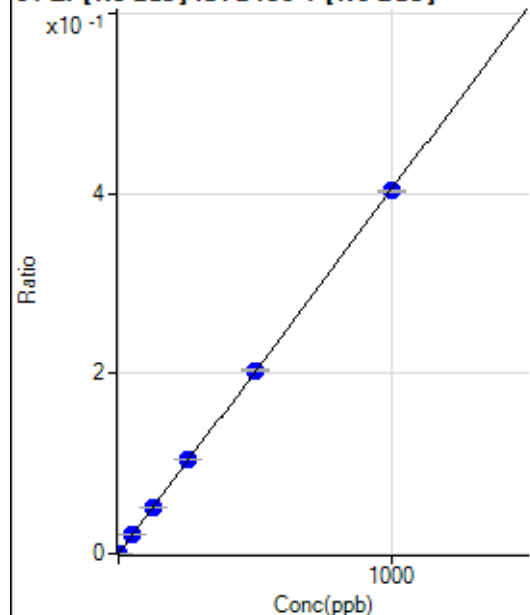
$$y = 0.0018 * x + 6.2719E-005$$

$$R = 0.9999$$

$$DL = 0.02441$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	136.12	0.0000	P	3.2
2	☐	0.100	0.111	611.15	0.0001	P	9.3
3	☐	1.000	0.892	4117.44	0.0004	P	8.0
4	☐	50.000	50.986	225049.97	0.0207	P	1.4
5	☐	125.000	127.907	522606.81	0.0518	P	0.3
6	☐	250.000	257.903	1006337.41	0.1044	P	0.5
7	☐	500.000	503.095	2019345.29	0.2037	P	0.5
8	☐	1000.000	996.064	4213625.27	0.4033	P	0.4
9	☐			1714.06	0.0002	P	4.0

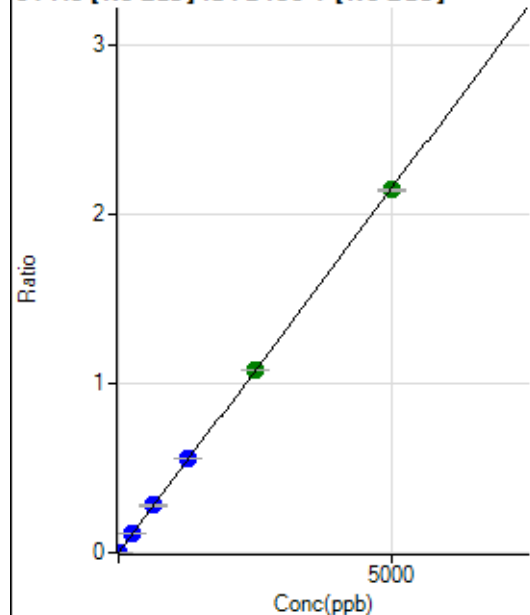
$$y = 4.0490\text{E-}004 * x + 1.1549\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.002732$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	300.02	0.0000	P	8.4
2	☐	0.500	0.448	2358.65	0.0002	P	3.5
3	☐	5.000	4.866	23380.97	0.0021	P	1.9
4	☐	250.000	256.766	1203038.09	0.1104	P	0.8
5	☐	625.000	648.252	2811835.50	0.2787	P	0.4
6	☐	1250.000	1302.146	5394627.64	0.5598	P	0.4
7	☐	2500.000	2504.071	10671255.01	1.0766	A	0.4
8	☐	5000.000	4981.683	22375151.89	2.1417	A	0.7
9	☐			16165.29	0.0016	P	2.1

$$y = 4.2992\text{E-}004 * x + 2.5458\text{E-}005$$

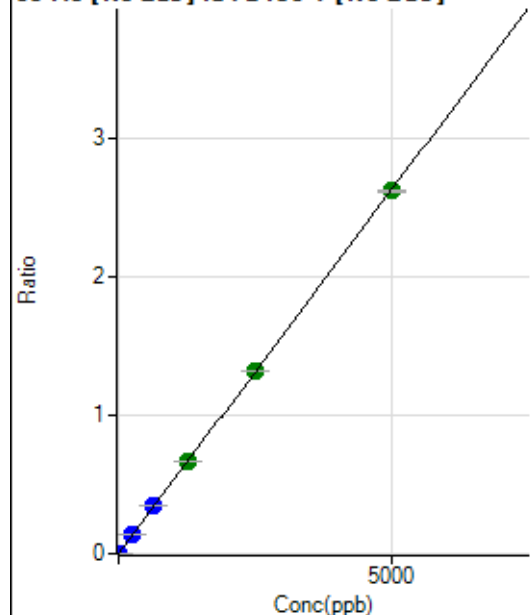
$$R = 0.9999$$

$$DL = 0.01492$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	76.5
2	☐	0.500	0.505	2911.55	0.0003	P	10.4
3	☐	5.000	4.799	27908.60	0.0025	P	1.7
4	☐	250.000	256.963	1472053.92	0.1351	P	0.6
5	☐	625.000	649.568	3445340.70	0.3415	P	0.4
6	☐	1250.000	1274.813	6458363.90	0.6702	A	0.3
7	☐	2500.000	2507.168	13065783.89	1.3181	A	0.4
8	☐	5000.000	4986.794	27390200.96	2.6218	A	0.8
9	☐			24065.69	0.0024	P	2.2

$$y = 5.2575E-004 * x + 4.2489E-006$$

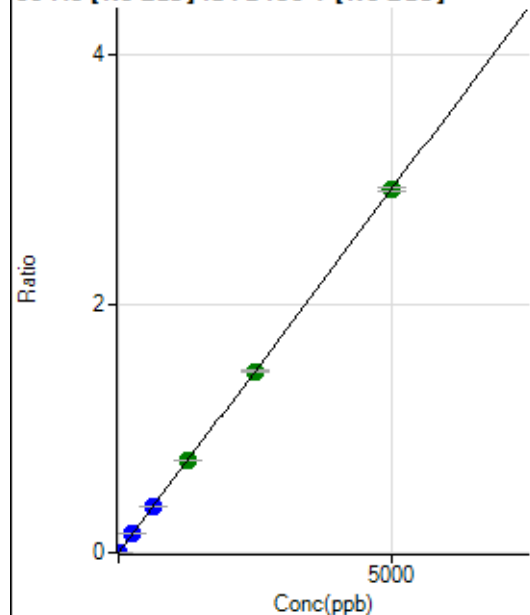
$$R = 1.0000$$

$$DL = 0.01856$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	155.57	0.0000	P	21.9
2	☐	0.500	0.500	3297.74	0.0003	P	5.2
3	☐	5.000	4.759	30845.60	0.0028	P	1.2
4	☐	250.000	254.502	1619918.70	0.1487	P	0.5
5	☐	625.000	646.435	3809386.72	0.3776	P	0.5
6	☐	1250.000	1273.496	7167999.03	0.7439	A	0.4
7	☐	2500.000	2499.619	14472392.68	1.4601	A	0.8
8	☐	5000.000	4991.412	30459469.78	2.9156	A	1.0
9	☐			35553.76	0.0036	P	2.6

$$y = 5.8412E-004 * x + 1.3206E-005$$

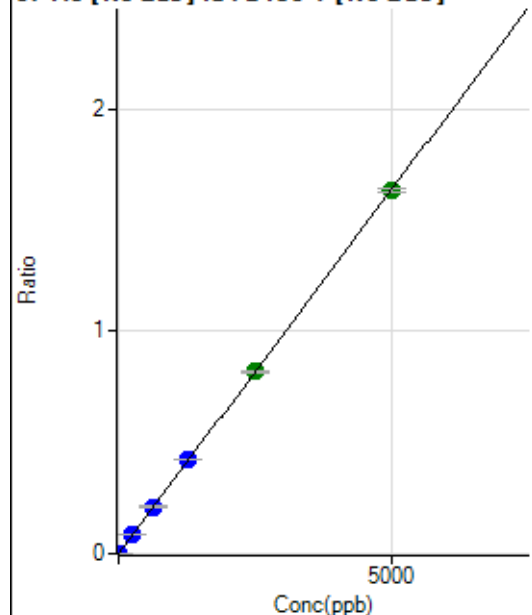
$$R = 1.0000$$

$$DL = 0.01487$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	70.2
2	☐	0.500	0.484	1769.64	0.0002	P	1.4
3	☐	5.000	4.819	17486.33	0.0016	P	2.7
4	☐	250.000	256.733	916216.89	0.0841	P	0.7
5	☐	625.000	646.497	2136115.44	0.2117	P	0.7
6	☐	1250.000	1300.316	4103733.81	0.4259	P	0.3
7	☐	2500.000	2501.268	8120030.22	0.8192	A	0.8
8	☐	5000.000	4983.763	17051958.89	1.6323	A	1.0
9	☐			14096.46	0.0014	P	1.8

$$y = 3.2751\text{E-}004 * x + 5.1922\text{E-}006$$

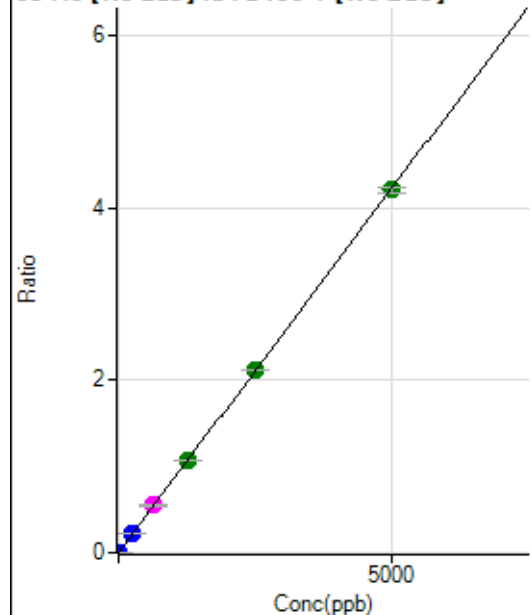
$$R = 0.9999$$

$$DL = 0.03337$$

Weight: <None>

Min Conc: 0

98 Mo [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	4.3
2	☐	0.500	0.486	4537.03	0.0004	P	7.0
3	☐	5.000	4.855	45442.80	0.0041	P	0.7
4	☐	250.000	256.642	2365151.29	0.2171	P	0.6
5	☐	625.000	649.411	5540648.78	0.5493	M	1.4
6	☐	1250.000	1277.902	10414779.40	1.0808	A	0.2
7	☐	2500.000	2510.245	21044990.75	2.1231	A	0.5
8	☐	5000.000	4984.519	44040734.66	4.2158	A	1.4
9	☐			34612.35	0.0035	P	3.9

$$y = 8.4577\text{E-}004 * x + 8.7205\text{E-}006$$

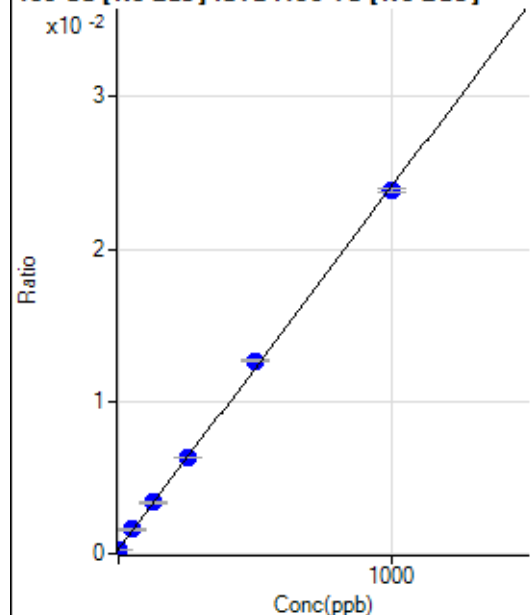
$$R = 1.0000$$

$$DL = 0.001342$$

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	4614.84	0.0003	P	3.7
2	☐	0.100	-1.033	3922.96	0.0003	P	4.8
3	☐	1.000	0.343	4525.92	0.0003	P	2.1
4	☐	50.000	54.335	23495.20	0.0016	P	1.9
5	☐	125.000	130.334	48637.39	0.0034	P	3.2
6	☐	250.000	252.655	88995.79	0.0063	P	0.4
7	☐	500.000	519.413	183231.75	0.0127	P	0.9
8	☐	1000.000	988.747	357715.29	0.0238	P	1.0
9	☐			3464.47	0.0002	P	2.7

$$y = 2.3783\text{E-}005 * x + 2.9775\text{E-}004$$

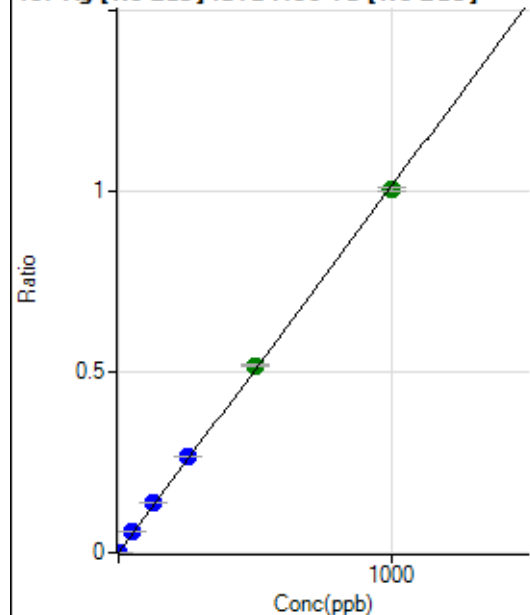
$$R = 0.9997$$

$$DL = 1.404$$

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	113.89	0.0000	P	15.4
2	☐	0.100	0.115	1780.74	0.0001	P	5.2
3	☐	1.000	1.121	16946.88	0.0011	P	3.9
4	☐	50.000	56.884	853784.98	0.0578	P	0.4
5	☐	125.000	136.671	1986964.56	0.1388	P	0.6
6	☐	250.000	262.318	3759426.43	0.2664	P	0.4
7	☐	500.000	510.438	7508144.00	0.5184	A	0.8
8	☐	1000.000	989.899	15101535.41	1.0053	A	0.9
9	☐			880.63	0.0001	P	9.1

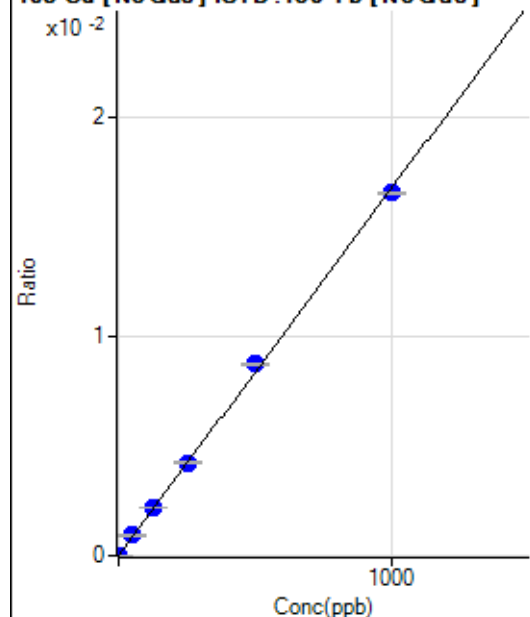
$$y = 0.0010 * x + 7.3499\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.003351$$

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	13.89	0.0000	P	45.9
2	☐	0.100	0.109	38.89	0.0000	P	43.6
3	☐	1.000	0.873	229.17	0.0000	P	6.9
4	☐	50.000	55.258	13673.49	0.0009	P	2.1
5	☐	125.000	129.357	30989.76	0.0022	P	0.5
6	☐	250.000	253.245	59795.31	0.0042	P	1.2
7	☐	500.000	520.984	126250.07	0.0087	P	1.0
8	☐	1000.000	987.889	248289.43	0.0165	P	0.3
9	☐			80.56	0.0000	P	10.4

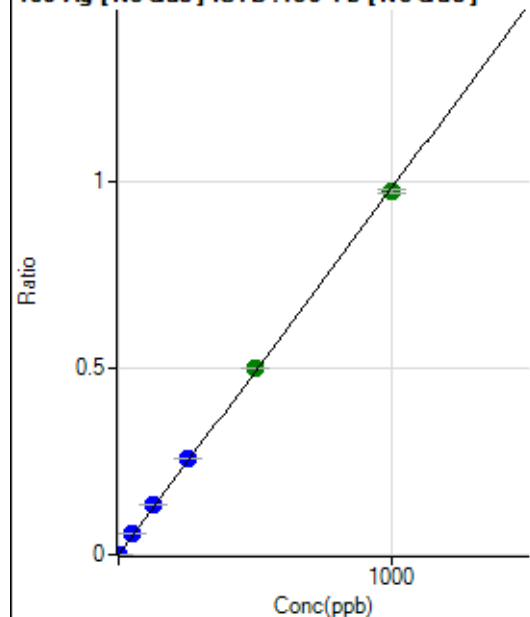
$$y = 1.6729\text{E-}005 * x + 8.9569\text{E-}007$$

$$R = 0.9997$$

$$DL = 0.07365$$

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	58.34	0.0000	P	37.2
2	☐	0.100	0.117	1700.18	0.0001	P	6.4
3	☐	1.000	1.112	16248.82	0.0011	P	1.2
4	☐	50.000	57.205	831745.52	0.0563	P	0.4
5	☐	125.000	137.613	1938190.28	0.1354	P	1.3
6	☐	250.000	263.545	3658932.63	0.2593	P	0.8
7	☐	500.000	508.576	7247101.46	0.5004	A	0.3
8	☐	1000.000	990.389	14637049.81	0.9744	A	1.0
9	☐			883.40	0.0001	P	12.6

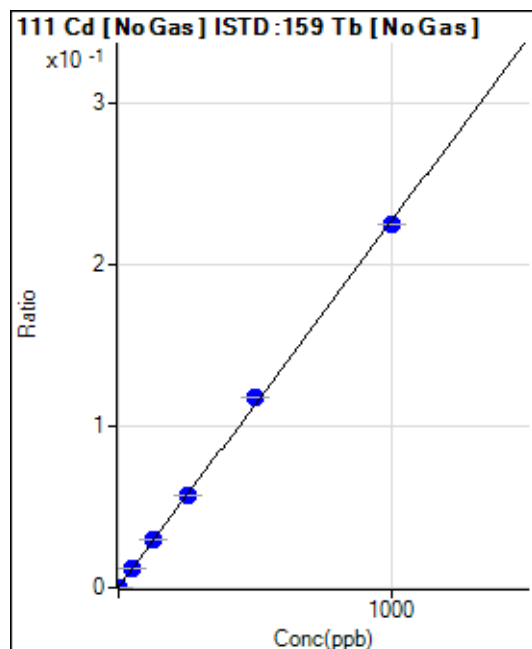
$$y = 9.8386\text{E-}004 * x + 3.7588\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.004266$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3233.17	0.0002	P	3.6
2	☐	0.100	0.018	3054.97	0.0002	P	6.3
3	☐	1.000	0.916	6163.70	0.0004	P	2.4
4	☐	50.000	53.330	182000.49	0.0123	P	0.4
5	☐	125.000	130.217	426169.22	0.0298	P	0.6
6	☐	250.000	251.302	808046.52	0.0573	P	0.7
7	☐	500.000	518.309	1707325.92	0.1179	P	0.3
8	☐	1000.000	989.701	3378585.78	0.2249	P	0.1
9	☐			2672.91	0.0002	P	3.7

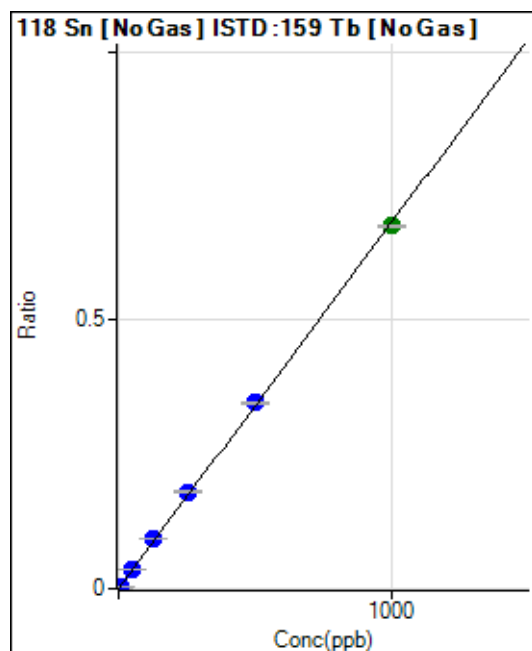
$$y = 2.2703\text{E-}004 * x + 2.0860\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.09938$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	652.82	0.0000	P	12.4
2	☐	0.500	0.508	5579.29	0.0004	P	6.1
3	☐	5.000	5.070	51804.66	0.0035	P	1.2
4	☐	50.000	54.247	547614.43	0.0371	P	1.4
5	☐	125.000	134.340	1312786.74	0.0917	P	0.3
6	☐	250.000	265.116	2553402.31	0.1809	P	0.5
7	☐	500.000	508.203	5023184.53	0.3468	P	0.6
8	☐	1000.000	990.739	10156284.77	0.6761	A	0.3
9	☐			9228.47	0.0006	P	1.8

$$y = 6.8236\text{E-}004 * x + 4.2117\text{E-}005$$

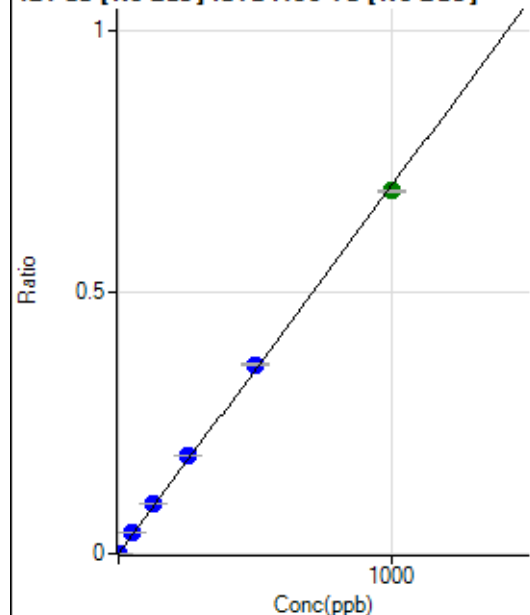
$$R = 0.9998$$

$$DL = 0.02287$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	21.8
2	☐	0.200	0.206	2150.25	0.0001	P	1.5
3	☐	2.000	1.987	20702.04	0.0014	P	0.8
4	☐	50.000	55.355	574195.54	0.0389	P	0.8
5	☐	125.000	136.078	1367233.35	0.0955	P	0.3
6	☐	250.000	268.040	2654853.53	0.1881	P	0.4
7	☐	500.000	514.681	5232173.29	0.3612	P	1.3
8	☐	1000.000	986.497	10401378.70	0.6924	A	0.6
9	☐			10754.52	0.0008	P	1.3

$$y = 7.0187\text{E-}004 * x + 4.8367\text{E-}006$$

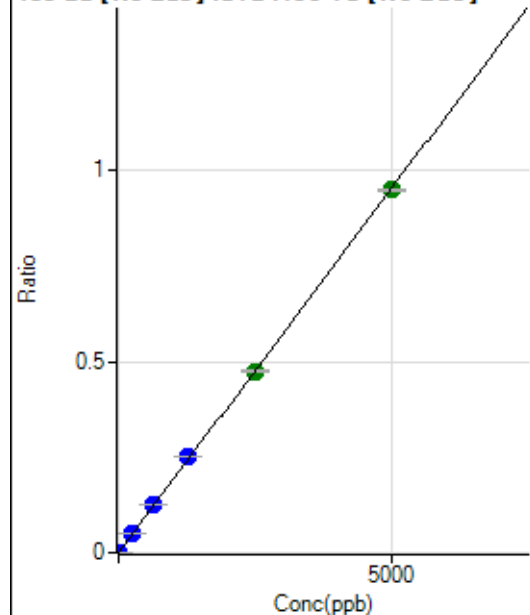
$$R = 0.9996$$

$$DL = 0.004515$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	10.7
2	☐	1.000	1.043	2900.44	0.0002	P	1.3
3	☐	10.000	9.874	27898.25	0.0019	P	0.7
4	☐	250.000	266.548	751076.33	0.0508	P	0.6
5	☐	625.000	665.607	1816721.91	0.1269	P	0.4
6	☐	1250.000	1311.244	3528124.60	0.2500	P	0.6
7	☐	2500.000	2494.486	6888831.49	0.4756	A	0.4
8	☐	5000.000	4981.543	14268843.20	0.9498	A	0.6
9	☐			2175.26	0.0002	P	1.2

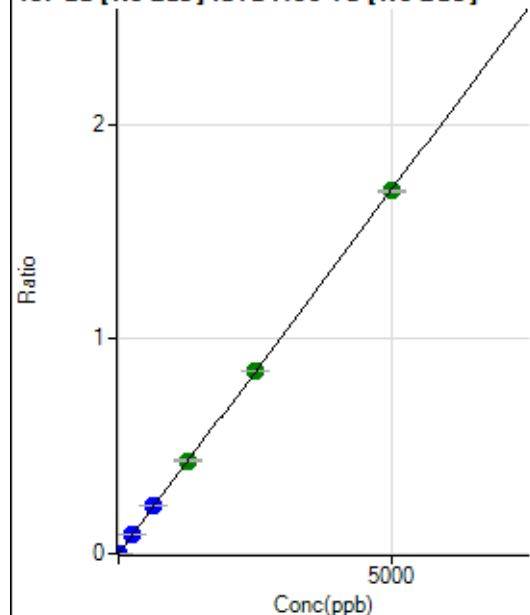
$$y = 1.9067\text{E-}004 * x + 3.0479\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.005113$$

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	69.45	0.0000	P	14.3
2	☐	1.000	0.983	4845.51	0.0003	P	4.7
3	☐	10.000	9.777	49046.02	0.0033	P	1.4
4	☐	250.000	265.453	1328403.82	0.0899	P	0.5
5	☐	625.000	660.826	3203324.29	0.2238	P	0.5
6	☐	1250.000	1280.920	6120793.89	0.4338	A	1.0
7	☐	2500.000	2501.548	12268984.65	0.8471	A	0.3
8	☐	5000.000	4986.245	25365475.74	1.6885	A	0.3
9	☐			3939.62	0.0003	P	4.0

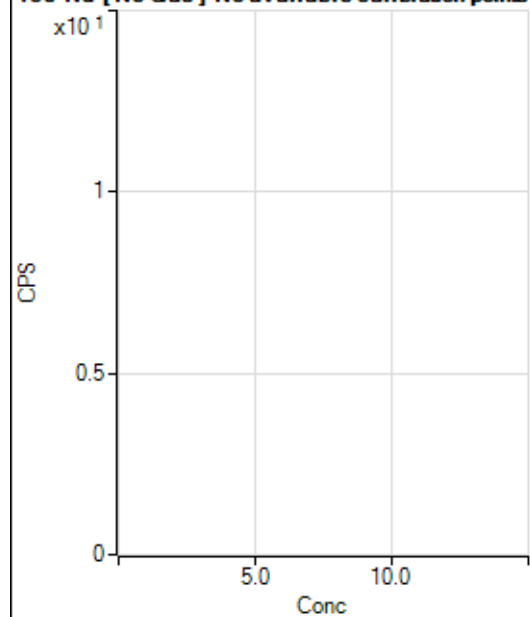
$$y = 3.3863\text{E-}004 * x + 4.4828\text{E-}006$$

$$R = 1.0000$$

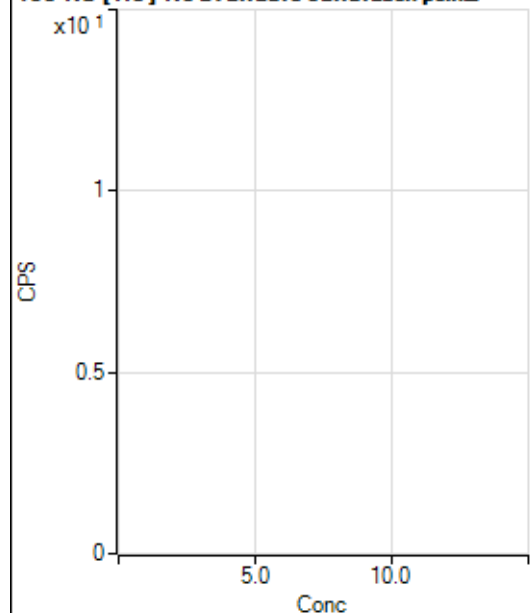
$$DL = 0.005684$$

Weight: <None>

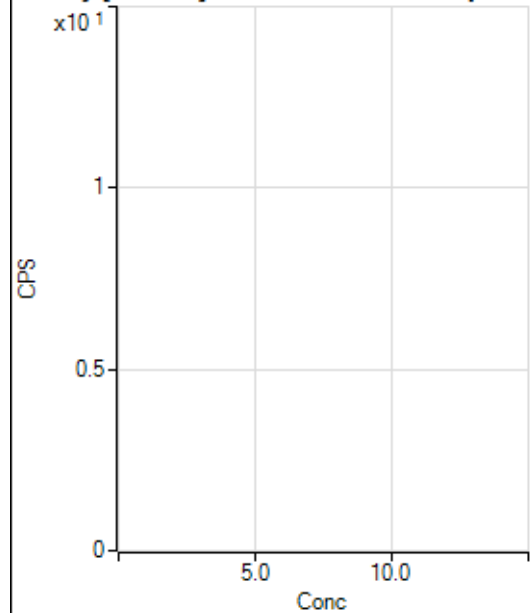
Min Conc: 0

150 Nd [No Gas] No available calibration points

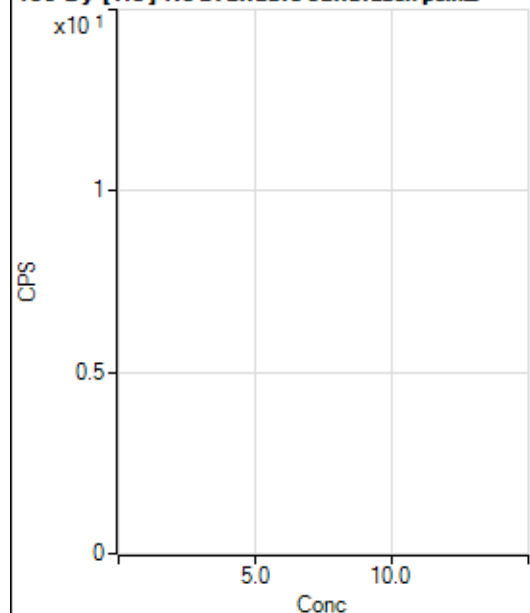
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			2.22		P	173.
3	☐			8.89		P	86.6
4	☐			68.89		P	20.1
5	☐			131.12		P	12.8
6	☐			308.90		P	7.6
7	☐			626.70		P	4.9
8	☐			1131.20		P	11.7
9	☐			215.56		P	7.8

150 Nd [He] No available calibration points

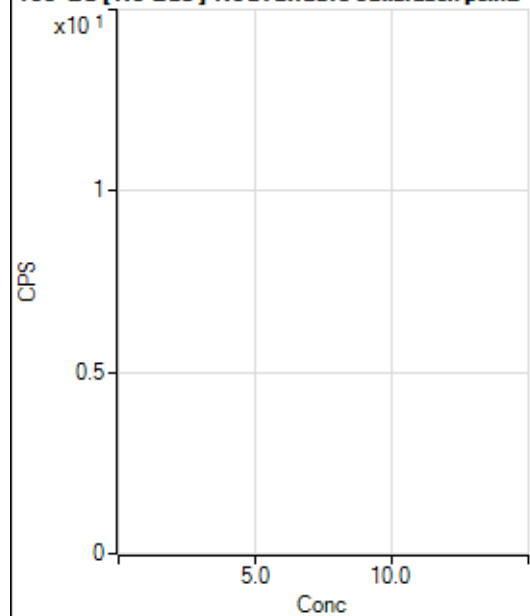
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			0.00		P	
3	☐			2.22		P	173.
4	☐			3.33		P	100.
5	☐			7.78		P	89.2
6	☐			40.00		P	50.7
7	☐			61.11		P	25.2
8	☐			81.12		P	19.4
9	☐			77.78		P	17.8

156 Dy [No Gas] No available calibration points

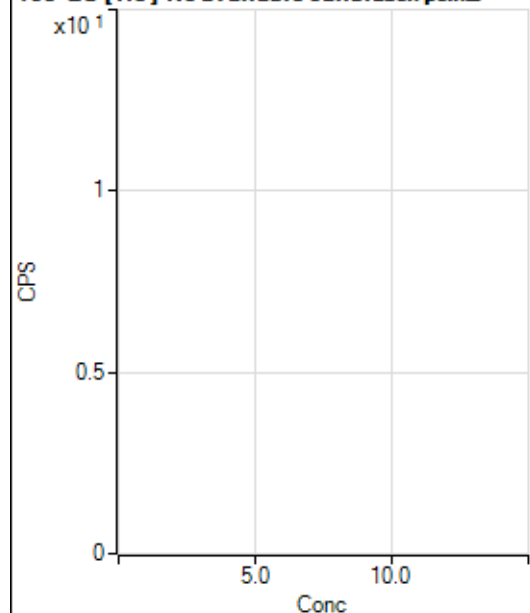
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐			19.45		P	24.7
3	☐			16.67		P	50.0
4	☐			44.45		P	10.8
5	☐			38.89		P	12.4
6	☐			88.90		P	30.1
7	☐			100.01		P	38.2
8	☐			252.79		P	36.2
9	☐			94.45		P	31.0

156 Dy [He] No available calibration points

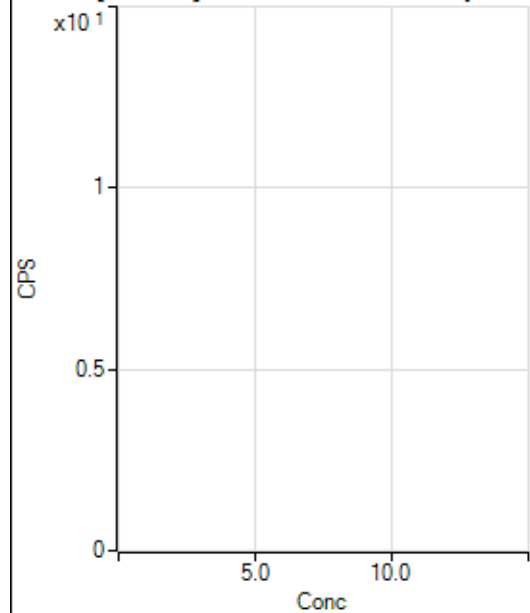
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			4.44		P	114.
3	☐			8.89		P	21.6
4	☐			17.78		P	47.2
5	☐			24.44		P	7.9
6	☐			68.89		P	15.6
7	☐			116.67		P	17.8
8	☐			253.34		P	14.8
9	☐			61.11		P	33.3

160 Gd [No Gas] Noavailable calibration poin_

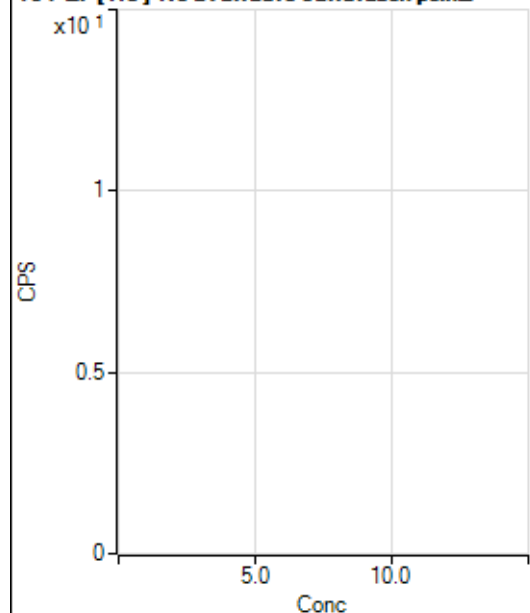
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	20.8
2	☐			66.67		P	12.5
3	☐			63.89		P	15.1
4	☐			36.11		P	13.3
5	☐			58.34		P	42.9
6	☐			69.45		P	59.2
7	☐			61.11		P	28.4
8	☐			113.89		P	27.7
9	☐			91.67		P	32.8

160 Gd [He] No available calibration points

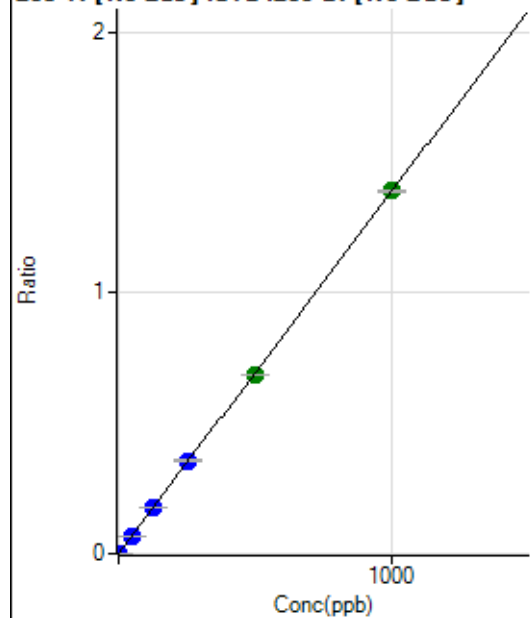
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			244.45		P	10.4
2	☐			212.23		P	11.0
3	☐			236.67		P	16.2
4	☐			210.00		P	30.3
5	☐			223.34		P	11.8
6	☐			204.45		P	5.0
7	☐			232.23		P	23.2
8	☐			261.12		P	3.7
9	☐			215.56		P	7.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	72.7
2	☐			41.67		P	40.0
3	☐			27.78		P	45.8
4	☐			44.44		P	60.3
5	☐			36.11		P	35.3
6	☐			47.23		P	20.4
7	☐			75.00		P	33.3
8	☐			52.78		P	24.1
9	☐			61.12		P	34.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	33.4
2	☐			27.78		P	38.6
3	☐			24.44		P	20.8
4	☐			17.78		P	65.8
5	☐			25.55		P	27.1
6	☐			21.11		P	9.1
7	☐			23.33		P	42.9
8	☐			25.55		P	52.7
9	☐			32.22		P	15.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	200.01	0.0000	P	14.2
2	☐	0.100	0.093	1547.38	0.0001	P	5.4
3	☐	1.000	0.870	13201.48	0.0012	P	1.9
4	☐	50.000	48.867	724356.38	0.0679	P	0.3
5	☐	125.000	125.114	1790936.65	0.1738	P	0.2
6	☐	250.000	256.550	3588881.07	0.3564	P	1.2
7	☐	500.000	492.969	6927041.21	0.6848	A	0.6
8	☐	1000.000	1001.920	13942948.57	1.3917	A	0.3
9	☐			2411.44	0.0003	P	4.5

$$y = 0.0014 * x + 1.8059E-005$$

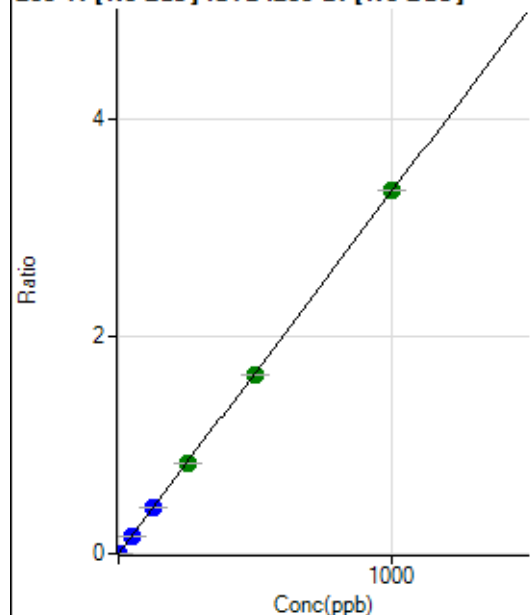
$$R = 0.9999$$

$$DL = 0.005543$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	566.71	0.0001	P	19.0
2	☐	0.100	0.083	3442.27	0.0003	P	5.8
3	☐	1.000	0.877	31989.48	0.0030	P	0.5
4	☐	50.000	49.427	1757820.05	0.1648	P	0.1
5	☐	125.000	126.365	4339711.60	0.4212	P	0.3
6	☐	250.000	249.046	8358433.96	0.8300	A	1.0
7	☐	500.000	495.260	16696024.33	1.6505	A	0.3
8	☐	1000.000	1002.467	33469284.43	3.3407	A	0.1
9	☐			6123.90	0.0007	P	2.1

$$y = 0.0033 * x + 5.1176E-005$$

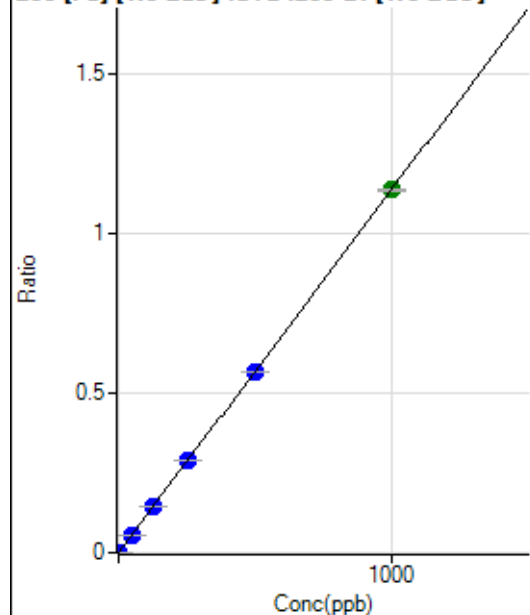
$$R = 1.0000$$

$$DL = 0.008759$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	963.03	0.0001	P	5.5
2	☐	0.100	0.067	1707.57	0.0002	P	5.6
3	☐	1.000	0.870	11583.10	0.0011	P	1.2
4	☐	50.000	49.310	599029.82	0.0561	P	0.7
5	☐	125.000	126.160	1478852.62	0.1435	P	0.3
6	☐	250.000	254.765	2917803.77	0.2897	P	0.6
7	☐	500.000	498.014	5728615.23	0.5663	P	0.9
8	☐	1000.000	999.691	11387402.11	1.1366	A	0.4
9	☐			11922.32	0.0014	P	2.4

$$y = 0.0011 * x + 8.6973E-005$$

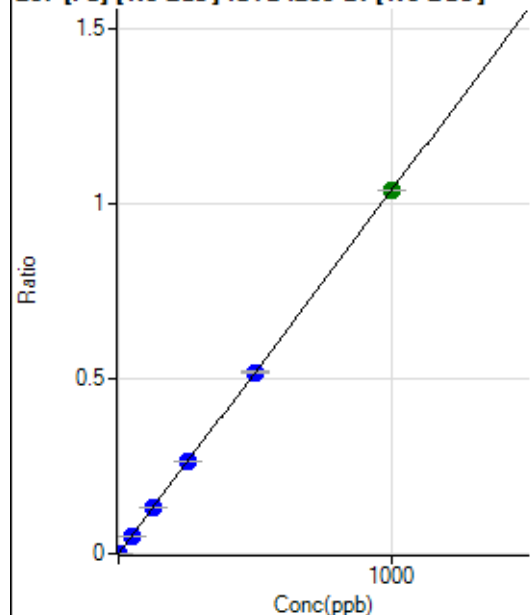
$$R = 1.0000$$

$$DL = 0.01262$$

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	835.24	0.0001	P	4.3
2	☐	0.100	0.079	1642.74	0.0002	P	5.3
3	☐	1.000	0.832	10104.12	0.0009	P	1.9
4	☐	50.000	49.228	545850.32	0.0512	P	0.4
5	☐	125.000	126.259	1350944.74	0.1311	P	0.3
6	☐	250.000	254.789	2663673.38	0.2645	P	0.4
7	☐	500.000	499.396	5243606.19	0.5183	P	0.5
8	☐	1000.000	998.986	10387400.69	1.0368	A	0.1
9	☐			9979.97	0.0012	P	2.6

$$y = 0.0010 * x + 7.5438E-005$$

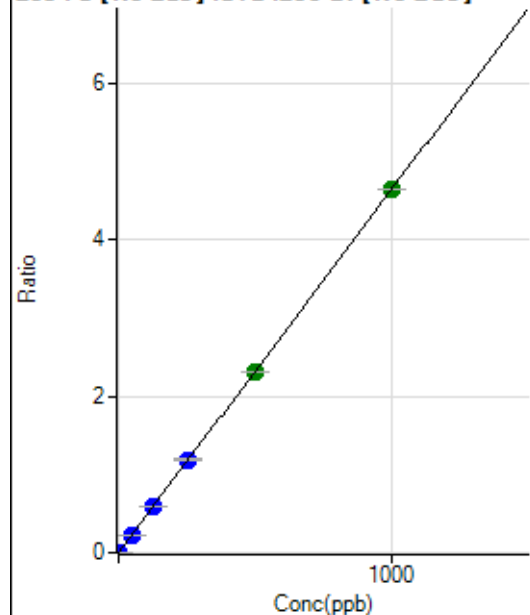
$$R = 1.0000$$

$$DL = 0.009292$$

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	3924.42	0.0004	P	2.1
2	☐	0.100	0.071	7152.82	0.0007	P	1.6
3	☐	1.000	0.854	46520.12	0.0043	P	0.3
4	☐	50.000	49.345	2448569.57	0.2295	P	0.7
5	☐	125.000	126.512	6057486.67	0.5879	P	0.3
6	☐	250.000	256.674	12007735.45	1.1923	P	0.5
7	☐	500.000	497.532	23376403.53	2.3108	A	0.1
8	☐	1000.000	999.410	46501391.78	4.6415	A	0.1
9	☐			47180.54	0.0056	P	0.8

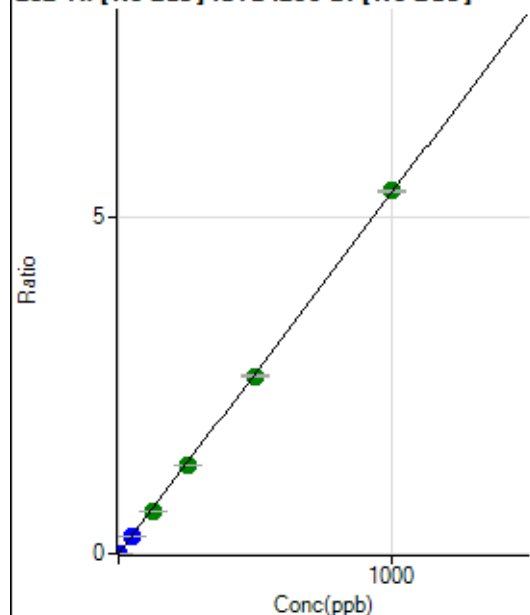
$$y = 0.0046 * x + 3.5443E-004$$

$$R = 1.0000$$

$$DL = 0.004812$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.19	0.0000	P	48.3
2	☐	0.100	0.096	5445.74	0.0005	P	2.4
3	☐	1.000	0.814	47029.19	0.0044	P	1.6
4	☐	50.000	46.602	2667613.23	0.2500	P	1.0
5	☐	125.000	119.390	6600788.00	0.6406	A	0.5
6	☐	250.000	246.431	13316014.88	1.3222	A	0.3
7	☐	500.000	492.113	26710470.74	2.6404	A	0.6
8	☐	1000.000	1005.707	54060037.78	5.3961	A	0.9
9	☐			5932.99	0.0007	P	5.8

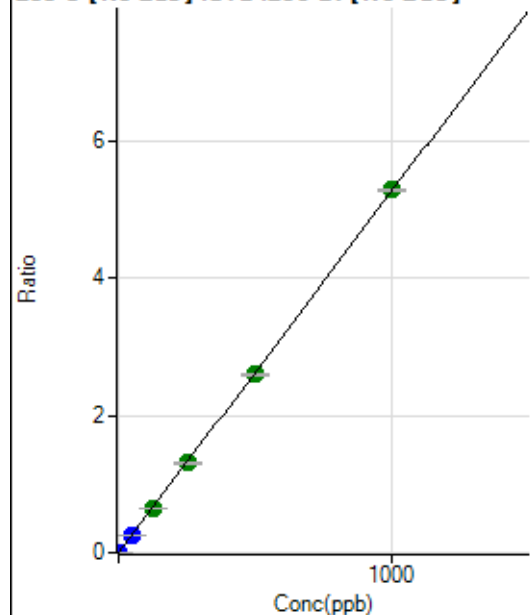
$$y = 0.0054 * x + 3.1792E-006$$

$$R = 0.9999$$

$$DL = 0.000858$$

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	105.56	0.0000	P	23.1
2	☐	0.100	0.083	4670.49	0.0004	P	5.4
3	☐	1.000	0.828	46927.55	0.0044	P	1.9
4	☐	50.000	47.186	2646310.95	0.2480	P	0.6
5	☐	125.000	120.996	6553832.40	0.6360	A	0.2
6	☐	250.000	247.957	13126263.57	1.3034	A	0.7
7	☐	500.000	492.826	26205245.20	2.5906	A	0.8
8	☐	1000.000	1004.739	52912206.39	5.2815	A	0.3
9	☐			2861.57	0.0003	P	6.1

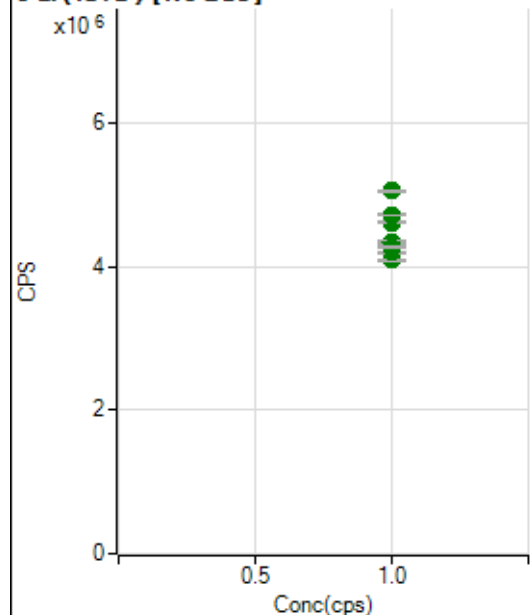
$$y = 0.0053 * x + 9.5371E-006$$

$$R = 1.0000$$

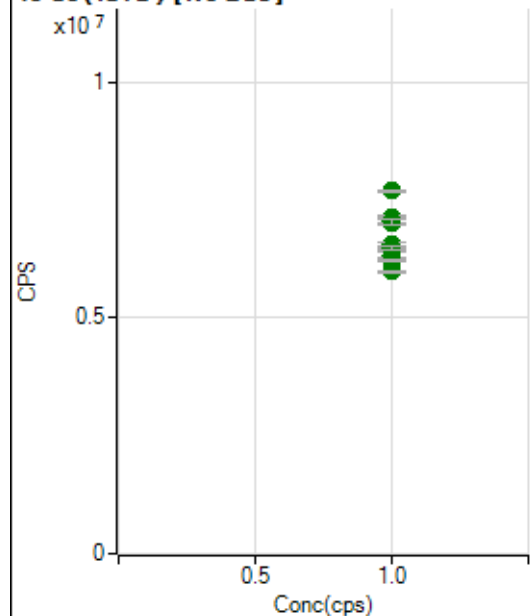
$$DL = 0.001255$$

Weight: <None>

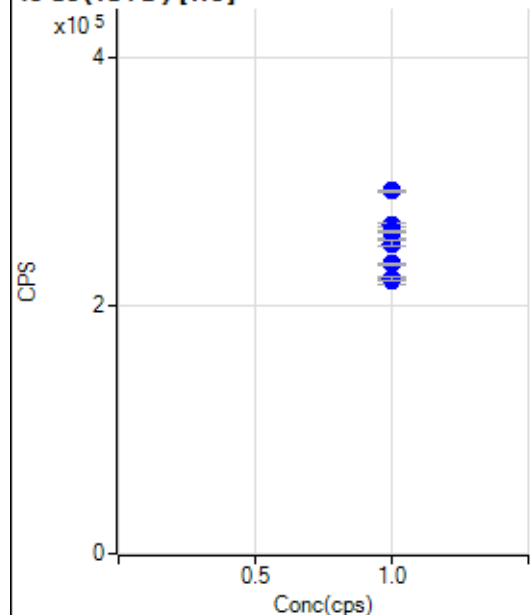
Min Conc: 0

6 Li (ISTD) [No Gas]

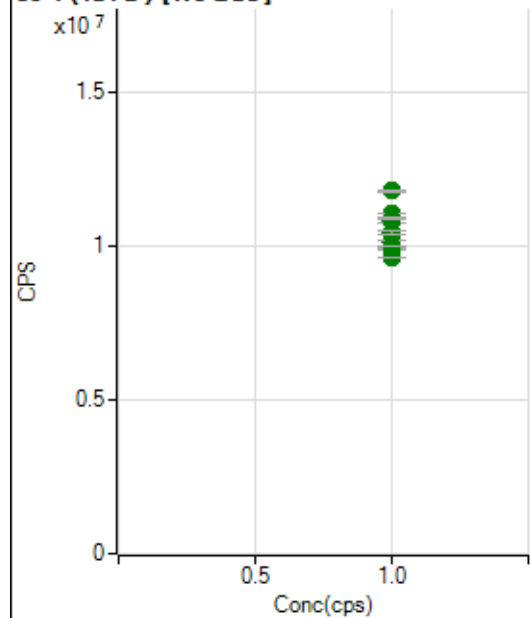
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5050463.33		A	0.2
2	☐	1.000		4613043.44		A	0.7
3	☐	1.000		4720972.85		A	0.3
4	☐	1.000		4704692.26		A	0.2
5	☐	1.000		4303567.61		A	1.5
6	☐	1.000		4083944.70		A	0.3
7	☐	1.000		4192082.26		A	0.3
8	☐	1.000		4335625.60		A	1.2
9	☐	1.000		4267982.33		A	1.0

45 Sc (ISTD) [No Gas]

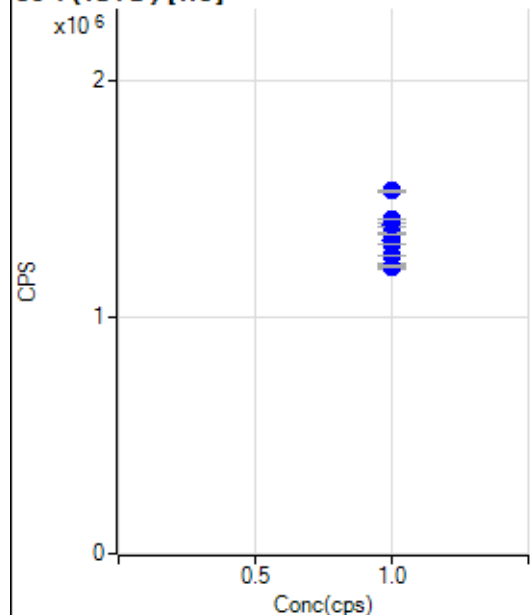
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7696441.84		A	0.3
2	☐	1.000		6997222.12		A	0.9
3	☐	1.000		7151789.74		A	0.5
4	☐	1.000		7038651.20		A	1.2
5	☐	1.000		6333685.47		A	1.8
6	☐	1.000		5990260.68		A	0.8
7	☐	1.000		6208608.21		A	0.6
8	☐	1.000		6549214.64		A	1.4
9	☐	1.000		6486354.36		A	1.0

45 Sc (ISTD) [He]

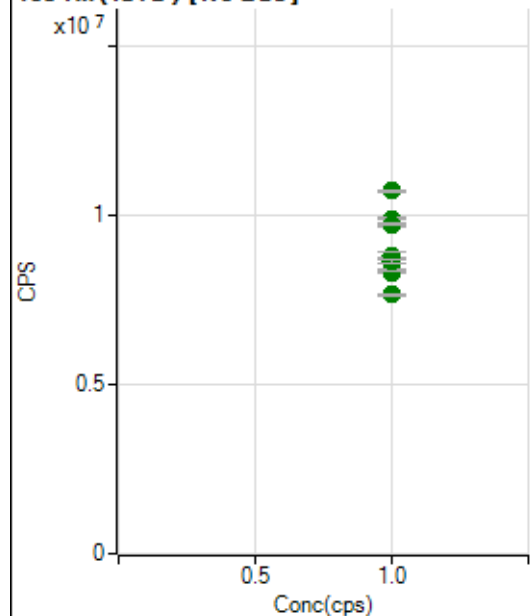
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		292349.75		P	0.6
2	☐	1.000		259955.71		P	0.5
3	☐	1.000		265591.39		P	1.2
4	☐	1.000		252792.31		P	0.4
5	☐	1.000		219326.28		P	1.7
6	☐	1.000		221271.36		P	1.1
7	☐	1.000		233496.11		P	0.4
8	☐	1.000		249958.26		P	1.8
9	☐	1.000		259780.48		P	0.5

89 Y (ISTD) [No Gas]

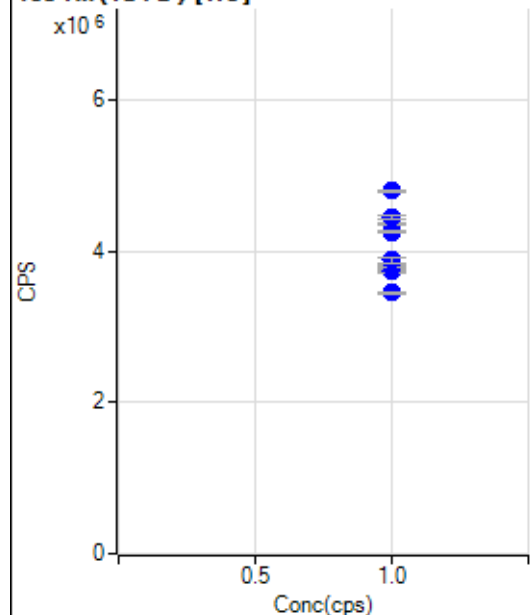
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11785267.88		A	0.3
2	☐	1.000		10806280.67		A	0.9
3	☐	1.000		11042903.59		A	0.2
4	☐	1.000		10896238.73		A	0.9
5	☐	1.000		10088653.04		A	1.4
6	☐	1.000		9635988.81		A	0.2
7	☐	1.000		9912427.84		A	0.7
8	☐	1.000		10447531.37		A	1.0
9	☐	1.000		9993677.98		A	0.3

89 Y(ISTD) [He]

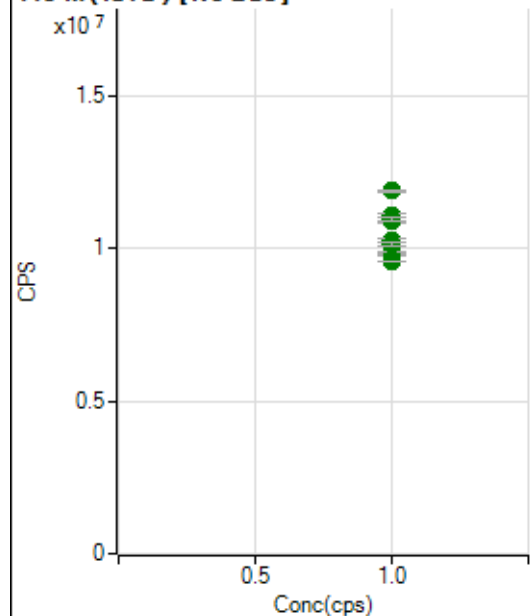
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1533763.59		P	0.6
2	☐	1.000		1387698.92		P	1.0
3	☐	1.000		1414013.66		P	0.4
4	☐	1.000		1358903.90		P	0.3
5	☐	1.000		1213354.83		P	2.1
6	☐	1.000		1212313.65		P	0.5
7	☐	1.000		1260406.01		P	0.1
8	☐	1.000		1328902.41		P	2.5
9	☐	1.000		1310066.62		P	0.4

103 Rh(ISTD) [No Gas]

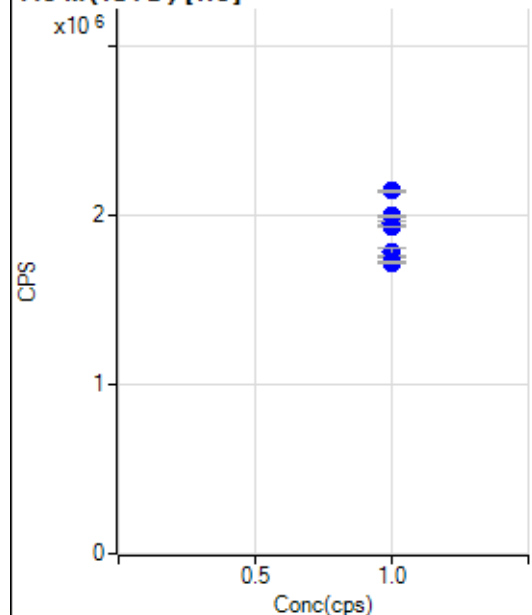
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10701331.14		A	0.3
2	☐	1.000		9704920.44		A	0.7
3	☐	1.000		9877324.18		A	0.5
4	☐	1.000		9714971.05		A	0.6
5	☐	1.000		8817783.44		A	1.5
6	☐	1.000		8286823.62		A	0.3
7	☐	1.000		8361071.54		A	1.0
8	☐	1.000		8612254.36		A	1.0
9	☐	1.000		7632076.21		A	0.4

103 Rh (ISTD) [He]

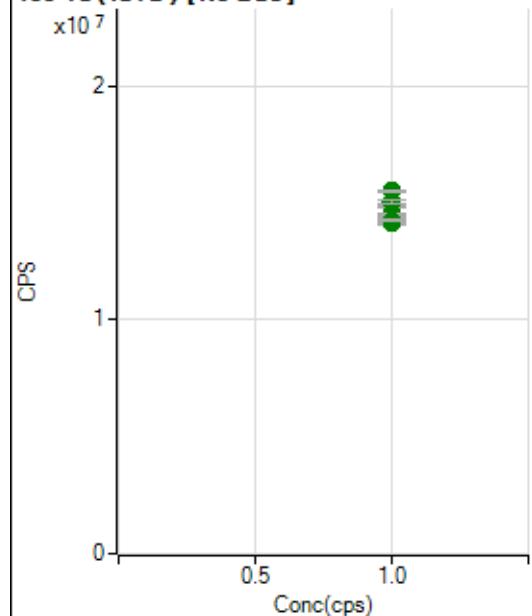
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4805877.95		P	0.8
2	☐	1.000		4376371.85		P	0.7
3	☐	1.000		4456303.33		P	0.7
4	☐	1.000		4260320.46		P	0.3
5	☐	1.000		3784034.25		P	1.8
6	☐	1.000		3740760.19		P	0.9
7	☐	1.000		3800904.66		P	0.3
8	☐	1.000		3884989.25		P	2.3
9	☐	1.000		3458462.03		P	0.5

115 In (ISTD) [No Gas]

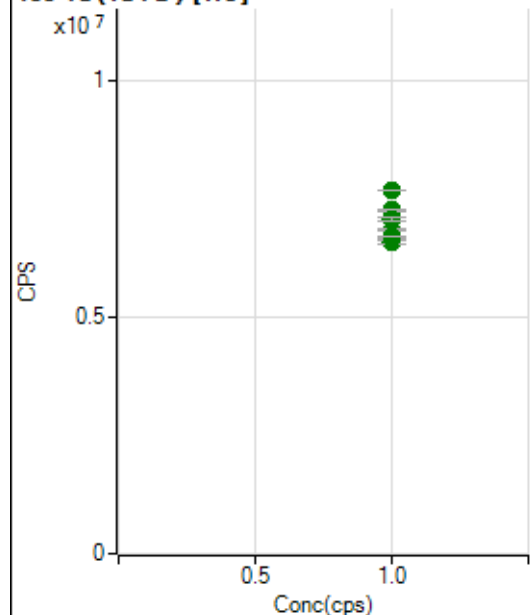
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11888917.21		A	0.4
2	☐	1.000		10873219.31		A	0.7
3	☐	1.000		11097795.84		A	0.7
4	☐	1.000		10955323.72		A	1.1
5	☐	1.000		10260725.44		A	0.9
6	☐	1.000		9811177.09		A	0.5
7	☐	1.000		9872066.44		A	0.2
8	☐	1.000		10143083.45		A	1.1
9	☐	1.000		9574737.34		A	0.2

115 In (ISTD) [He]

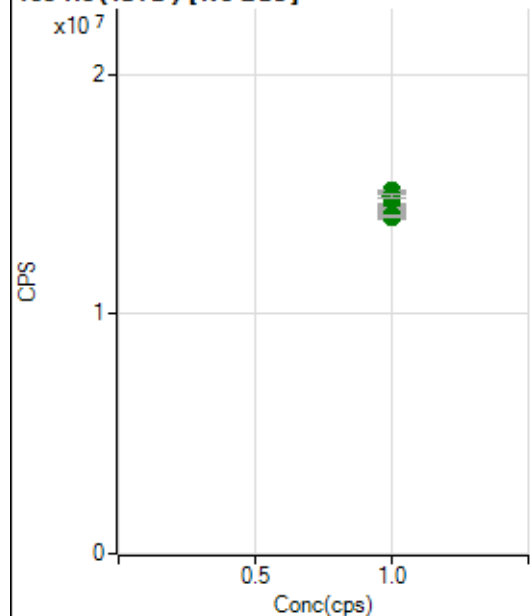
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2142148.12		P	0.7
2	☐	1.000		1956201.69		P	1.0
3	☐	1.000		1993108.32		P	0.7
4	☐	1.000		1931151.03		P	0.1
5	☐	1.000		1719832.35		P	1.2
6	☐	1.000		1722031.82		P	0.8
7	☐	1.000		1751894.11		P	0.3
8	☐	1.000		1782776.99		P	2.2
9	☐	1.000		1721163.44		P	0.3

159 Tb (ISTD) [No Gas]

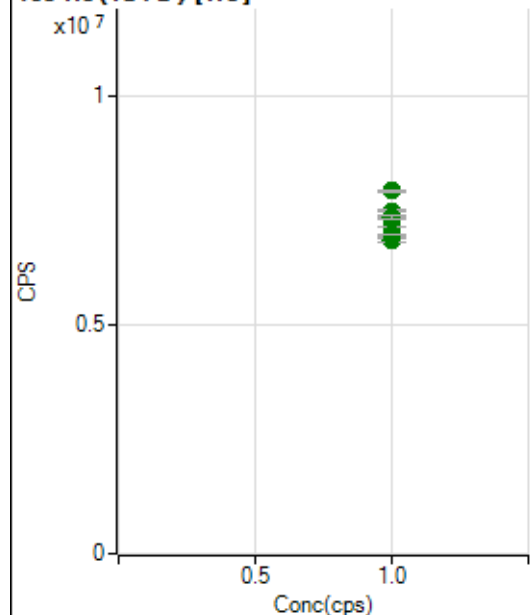
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15499539.35		A	0.5
2	☐	1.000		14360242.56		A	1.2
3	☐	1.000		14794667.56		A	0.5
4	☐	1.000		14777374.08		A	0.2
5	☐	1.000		14314444.93		A	0.5
6	☐	1.000		14111768.26		A	0.8
7	☐	1.000		14483505.89		A	0.3
8	☐	1.000		15022551.86		A	1.0
9	☐	1.000		14232357.01		A	0.6

159 Tb (ISTD) [He]

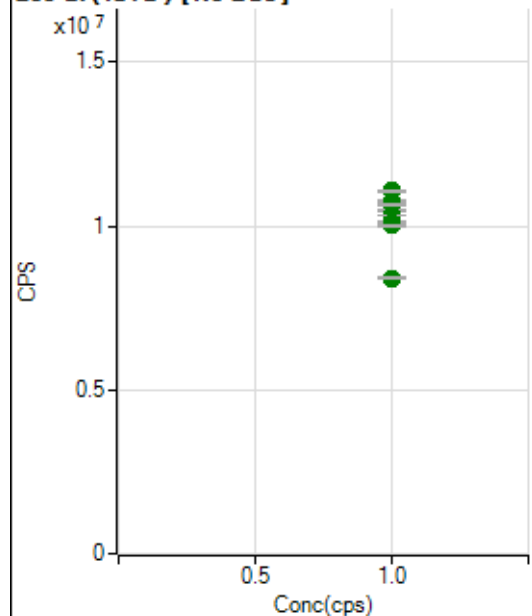
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7682529.95		A	0.2
2	☐	1.000		7134823.37		A	0.1
3	☐	1.000		7269438.78		A	0.6
4	☐	1.000		7085229.41		A	0.6
5	☐	1.000		6601858.58		A	2.0
6	☐	1.000		6665048.17		A	0.6
7	☐	1.000		6856673.30		A	0.2
8	☐	1.000		7086508.50		A	1.4
9	☐	1.000		6710639.41		A	0.2

165 Ho (ISTD) [No Gas]

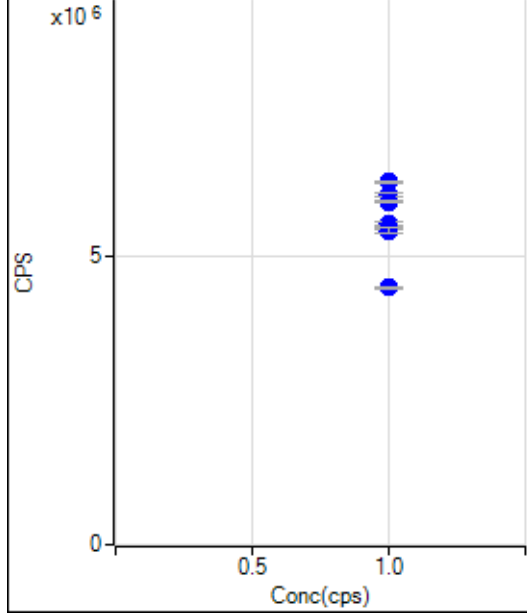
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15130114.40		A	0.8
2	☐	1.000		14189540.42		A	1.4
3	☐	1.000		14519015.43		A	0.7
4	☐	1.000		14566414.73		A	0.2
5	☐	1.000		14104965.25		A	1.0
6	☐	1.000		14009872.54		A	0.7
7	☐	1.000		14424729.83		A	0.6
8	☐	1.000		14914119.43		A	1.1
9	☐	1.000		14088125.31		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7934821.76		A	0.5
2	☐	1.000		7337479.47		A	0.3
3	☐	1.000		7497540.09		A	0.7
4	☐	1.000		7362589.61		A	0.9
5	☐	1.000		6858808.16		A	1.7
6	☐	1.000		6953439.48		A	0.3
7	☐	1.000		7155352.11		A	0.1
8	☐	1.000		7357649.12		A	1.5
9	☐	1.000		6992173.23		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11072577.89		A	0.3
2	☐	1.000		10463470.96		A	0.7
3	☐	1.000		10762341.65		A	0.2
4	☐	1.000		10668662.48		A	0.4
5	☐	1.000		10304281.72		A	0.1
6	☐	1.000		10071037.49		A	0.6
7	☐	1.000		10115962.42		A	0.5
8	☐	1.000		10018627.42		A	0.6
9	☐	1.000		8409643.97		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6297598.38		P	0.7
2	☐	1.000		5957952.76		P	1.0
3	☐	1.000		6066689.84		P	0.9
4	☐	1.000		5944947.90		P	0.7
5	☐	1.000		5566151.72		P	1.5
6	☐	1.000		5495245.68		P	0.7
7	☐	1.000		5493945.61		P	0.4
8	☐	1.000		5451701.41		P	1.7
9	☐	1.000		4464843.96		P	0.5

US EPA Tune Check Sample Report

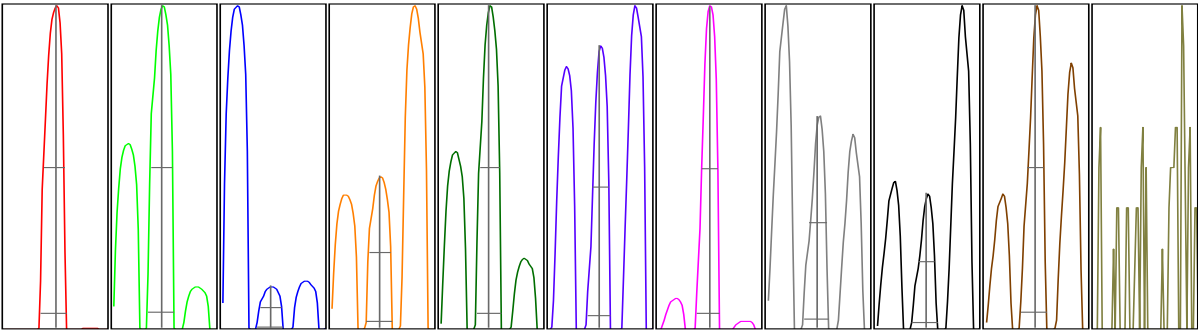
Batch Folder D:\ICP-MS Data\P7122118MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	12877	2.01	5.00	
24	107814	2.22	5.00	
25	14226	2.17	5.00	
26	16138	2.39	5.00	
59	78056	2.19	5.00	
113	9725	2.95	5.00	
115	116459	3.13	5.00	
206	30115	2.43	5.00	
207	27476	2.27	5.00	
208	66181	2.27	5.00	
220	0	71.26		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	13148	12942	12937	12447	12910
24	110750	108539	108305	104163	107313
25	14585	14281	14360	13750	14153
26	16620	16097	16287	15557	16129
59	80169	78165	78490	75401	78053
113	10162	9706	9711	9356	9688
115	121679	117301	115848	111518	115951
206	31068	30084	30305	29019	30098
207	28217	27556	27725	26517	27367
208	68140	66168	66468	63915	66212
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	22679	9.05	8.9 - 9.1		0.773	0.900	
24	177784	23.95	23.9 - 24.1		0.781	0.900	
25	23599	24.95	24.9 - 25.1		0.780	0.900	
26	26751	25.95	25.9 - 26.1		0.744	0.900	
59	139673	58.95	58.9 - 59.1		0.738	0.900	
113	20311	113.00	112.9 - 113.1		0.680	0.900	
115	241383	115.05	114.9 - 115.1		0.674	0.900	
206	64008	206.00	205.9 - 206.1		0.732	0.900	
207	58664	207.00	206.9 - 207.1		0.737	0.900	
208	140670	208.00	207.9 - 208.1		0.758	0.900	
220	0	219.80	-		0.300		

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.4	V	Deflect	14.0	V
Extract 2	-90.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-50	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	17494	0.45	
89	21945	0.73	
205	26784	0.85	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	17511	17376	17462	17560	17563
89	21830	21885	21786	22159	22065
205	26956	26599	26519	27051	26795

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.0	V	Deflect	1.8	V
Extract 2	-110.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-60	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	4.1	mL/min	OctP RF	200	V			

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:25:46	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	0.08	-0.04	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.00	0.02	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.06	0.03	0.03	0.00	N/A	ppb
Boron	11-1	-0.01	0.05	-0.05	0.00	N/A	ppb
Cadmium	111-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.54	-0.27	-0.27	0.00	N/A	ppb
Cadmium	108-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Calcium	43-1	0.07	0.05	-0.12	0.00	N/A	ppb
Calcium	44-1	-0.32	0.00	0.32	0.00	N/A	ppb
Chromium	52-2	0.00	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.01	0.04	-0.05	0.00	N/A	ppb
Iron	57-2	-0.07	0.39	-0.32	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	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	-0.09	0.04	0.00	N/A	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 13:25:46 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-16.54	-27.31	-21.48	-21.77		ppb
Potassium	39-2	-0.72	1.16	-0.44	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	-0.05	0.21	-0.16	0.00	N/A	ppb
Selenium	82-1	0.04	-0.17	0.13	0.00	N/A	ppb
Silicon	28-1	0.90	-0.66	-0.24	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	-0.02	0.44	-0.43	0.00	N/A	ppb
Strontium	86-1	0.00	0.01	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	37.40	0.63	5.49	14.51	137.70	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.00	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		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:25:46	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	-0.01	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:48:00	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.75	17.00	17.61	17.79	4.99	ppb
Antimony	121-1	1.98	1.98	2.01	1.99	0.80	ppb
Arsenic	75-2	0.92	0.91	1.04	0.96	7.31	ppb
Barium	135-1	9.82	9.95	9.85	9.87	0.70	ppb
Barium	137-1	9.69	9.70	9.94	9.78	1.42	ppb
Beryllium	9-1	0.97	0.96	1.02	0.98	3.18	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	23.47	23.04	22.80	23.10	1.45	ppb
Boron	11-1	22.20	22.63	23.23	22.69	2.28	ppb
Cadmium	111-1	0.96	0.92	0.87	0.92	4.75	ppb
Cadmium	106-1	0.62	0.08	0.32	0.34	79.19	ppb
Cadmium	108-1	0.82	0.86	0.94	0.87	7.28	ppb
Calcium	43-1	447.48	446.59	451.35	448.48	0.56	ppb
Calcium	44-1	448.50	444.11	445.52	446.04	0.50	ppb
Chromium	52-2	1.97	1.92	1.96	1.95	1.37	ppb
Cobalt	59-2	0.97	0.99	1.03	1.00	2.99	ppb
Copper	63-2	2.13	2.08	2.07	2.09	1.59	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				96		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	53.84	54.72	53.52	54.03	1.15	ppb
Iron	57-2	60.59	54.73	57.83	57.72	5.08	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.88	0.87	0.87	1.28	ppb
Lead	207-1	0.82	0.85	0.82	0.83	2.02	ppb
Lead	208-1	0.85	0.85	0.86	0.85	0.36	ppb
Lithium	6-1				93		%
Magnesium	24-2	484.76	496.07	487.01	489.28	1.22	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:48:00	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	0.98	1.02	1.01	2.86	ppb
Molybdenum	94-1	4.77	4.95	4.88	4.87	1.88	ppb
Molybdenum	95-1	4.89	4.78	4.72	4.80	1.75	ppb
Molybdenum	96-1	4.82	4.74	4.71	4.76	1.20	ppb
Molybdenum	97-1	4.84	4.68	4.94	4.82	2.67	ppb
Molybdenum	98-1	4.87	4.82	4.88	4.86	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.11	1.18	1.10	7.75	ppb
Phosphorus	31-2	18.35	19.43	27.54	21.77	23.08	ppb
Potassium	39-2	456.30	465.53	468.08	463.31	1.34	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	3.15	7.69	5.22	5.36	42.41	ppb
Selenium	78-2	5.35	5.79	6.16	5.77	6.99	ppb
Selenium	82-1	5.18	4.95	5.26	5.13	3.14	ppb
Silicon	28-1	6.27	6.57	6.63	6.49	2.98	ppb
Silver	109-1	1.11	1.10	1.13	1.11	1.23	ppb
Silver	107-1	1.15	1.07	1.14	1.12	3.87	ppb
Sodium	23-2	447.08	449.46	441.74	446.09	0.89	ppb
Strontium	86-1	0.90	0.92	0.92	0.91	1.32	ppb
Strontium	88-1	0.89	0.92	0.90	0.90	1.34	ppb
Sulfur	34-1	-1.38	-19.95	-22.19	-14.51		ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	0.87	0.85	0.89	0.87	1.97	ppb
Thallium	205-1	0.88	0.88	0.87	0.88	0.52	ppb
Thorium	232-1	0.83	0.82	0.80	0.81	1.59	ppb
Tin	118-1	5.14	5.02	5.05	5.07	1.22	ppb
Titanium	47-1	4.81	4.75	5.04	4.87	3.13	ppb
Uranium	238-1	0.83	0.84	0.81	0.83	1.87	ppb
Vanadium	51-2	4.89	5.03	4.96	4.96	1.45	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:48:00	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.54	2.41	2.70	2.55	5.76	ppb
Zirconium	90-1	0.91	0.89	0.92	0.91	2.12	ppb
Zirconium	91-1	0.81	0.92	0.95	0.89	8.29	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:51:48	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1034.65	1021.14	1025.24	1027.01	0.67	ppb
Antimony	121-1	54.84	55.62	55.61	55.35	0.80	ppb
Arsenic	75-2	54.02	52.96	54.11	53.70	1.19	ppb
Barium	135-1	265.55	268.29	265.80	266.55	0.57	ppb
Barium	137-1	264.58	267.03	264.74	265.45	0.52	ppb
Beryllium	9-1	55.18	54.45	54.50	54.71	0.74	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	51.44	49.91	52.75	51.37	2.76	ppb
Boron	11-1	49.90	49.76	51.57	50.41	2.00	ppb
Cadmium	111-1	53.19	53.57	53.22	53.33	0.40	ppb
Cadmium	106-1	52.88	54.98	55.15	54.33	2.33	ppb
Cadmium	108-1	53.95	56.21	55.61	55.26	2.12	ppb
Calcium	43-1	4985.54	4975.52	4935.64	4965.56	0.53	ppb
Calcium	44-1	4921.82	4961.89	5011.59	4965.10	0.91	ppb
Chromium	52-2	52.93	53.26	52.36	52.85	0.86	ppb
Cobalt	59-2	54.36	54.59	54.12	54.36	0.44	ppb
Copper	63-2	112.90	113.38	113.30	113.19	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	2795.86	2806.32	2780.34	2794.17	0.47	ppb
Iron	57-2	2782.95	2822.03	2801.25	2802.08	0.70	ppb
Krypton	83-1						cps
Lead	206-1	48.96	49.32	49.65	49.31	0.70	ppb
Lead	207-1	49.09	49.16	49.43	49.23	0.37	ppb
Lead	208-1	49.07	49.26	49.71	49.35	0.66	ppb
Lithium	6-1				93		%
Magnesium	24-2	5518.89	5523.27	5520.99	5521.05	0.04	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:51:48	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	105.99	106.41	105.20	105.87	0.58	ppb
Molybdenum	94-1	254.91	256.39	259.00	256.77	0.80	ppb
Molybdenum	95-1	255.67	256.58	258.64	256.96	0.59	ppb
Molybdenum	96-1	253.66	253.96	255.89	254.50	0.48	ppb
Molybdenum	97-1	255.77	255.62	258.81	256.73	0.70	ppb
Molybdenum	98-1	255.06	256.53	258.33	256.64	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.54	56.51	56.92	56.65	0.40	ppb
Phosphorus	31-2	1018.94	1061.69	1042.25	1040.96	2.06	ppb
Potassium	39-2	2540.15	2560.96	2534.17	2545.09	0.55	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	77-2	56.25	53.97	53.74	54.65	2.54	ppb
Selenium	78-2	53.15	54.01	55.43	54.19	2.12	ppb
Selenium	82-1	54.42	53.96	55.54	54.64	1.48	ppb
Silicon	28-1	55.83	57.05	58.62	57.17	2.45	ppb
Silver	109-1	56.98	57.23	57.41	57.21	0.38	ppb
Silver	107-1	56.67	56.85	57.12	56.88	0.40	ppb
Sodium	23-2	5000.65	4996.38	4954.52	4983.85	0.51	ppb
Strontium	86-1	51.46	50.91	51.95	51.44	1.01	ppb
Strontium	88-1	51.39	50.76	51.87	51.34	1.08	ppb
Sulfur	34-1	1022.56	1004.02	1060.78	1029.12	2.81	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	48.75	48.79	49.05	48.87	0.34	ppb
Thallium	205-1	49.45	49.40	49.44	49.43	0.05	ppb
Thorium	232-1	46.45	46.25	47.10	46.60	0.95	ppb
Tin	118-1	53.88	55.09	53.77	54.25	1.35	ppb
Titanium	47-1	254.77	255.50	257.12	255.80	0.47	ppb
Uranium	238-1	46.91	47.20	47.44	47.19	0.56	ppb
Vanadium	51-2	51.95	52.02	51.60	51.85	0.44	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:51:48	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	101.61	102.06	101.79	101.82	0.22	ppb
Zirconium	90-1	50.77	51.40	51.31	51.16	0.67	ppb
Zirconium	91-1	50.29	50.96	51.72	50.99	1.40	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 13:55:36 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2603.78	2570.66	2628.61	2601.02	1.12	ppb
Antimony	121-1	136.12	136.52	135.59	136.08	0.34	ppb
Arsenic	75-2	129.83	131.52	133.97	131.77	1.58	ppb
Barium	135-1	663.92	668.68	664.22	665.61	0.40	ppb
Barium	137-1	663.96	660.91	657.61	660.83	0.48	ppb
Beryllium	9-1	136.21	135.76	135.67	135.88	0.21	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Boron	10-1	126.50	128.32	129.60	128.14	1.22	ppb
Boron	11-1	125.10	127.48	127.82	126.80	1.17	ppb
Cadmium	111-1	130.02	131.04	129.59	130.22	0.57	ppb
Cadmium	106-1	133.83	131.93	125.25	130.33	3.46	ppb
Cadmium	108-1	128.65	129.48	129.94	129.36	0.50	ppb
Calcium	43-1	12591.97	12711.57	12699.82	12667.79	0.52	ppb
Calcium	44-1	12494.63	12411.64	12531.67	12479.31	0.49	ppb
Chromium	52-2	132.82	132.50	135.13	133.48	1.07	ppb
Cobalt	59-2	135.61	134.88	138.29	136.26	1.32	ppb
Copper	63-2	281.40	278.96	286.45	282.27	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				93		%
Holmium	165-2				86		%
Indium	115-1				86		%
Indium	115-2				80		%
Iron	56-2	7073.35	7006.90	7170.84	7083.70	1.16	ppb
Iron	57-2	7121.60	7022.74	7235.33	7126.56	1.49	ppb
Krypton	83-1						cps
Lead	206-1	125.80	126.60	126.08	126.16	0.32	ppb
Lead	207-1	125.85	126.62	126.30	126.26	0.31	ppb
Lead	208-1	126.46	126.96	126.11	126.51	0.34	ppb
Lithium	6-1				85		%
Magnesium	24-2	14062.11	13975.86	14384.49	14140.82	1.52	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:55:36	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	267.65	266.54	274.70	269.63	1.64	ppb
Molybdenum	94-1	645.37	651.18	648.21	648.25	0.45	ppb
Molybdenum	95-1	647.25	652.54	648.91	649.57	0.42	ppb
Molybdenum	96-1	643.03	649.30	646.98	646.43	0.49	ppb
Molybdenum	97-1	642.80	651.36	645.33	646.50	0.68	ppb
Molybdenum	98-1	639.08	656.19	652.96	649.41	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	139.20	139.48	141.04	139.90	0.71	ppb
Phosphorus	31-2	2801.51	2501.22	2784.74	2695.82	6.26	ppb
Potassium	39-2	6416.28	6386.73	6525.68	6442.90	1.14	ppb
Rhodium	103-1				82		%
Rhodium	103-2				79		%
Scandium	45-1				82		%
Scandium	45-2				75		%
Selenium	77-2	144.27	151.88	147.66	147.94	2.58	ppb
Selenium	78-2	132.66	132.66	141.98	135.76	3.96	ppb
Selenium	82-1	136.70	136.93	138.88	137.51	0.87	ppb
Silicon	28-1	141.23	144.75	141.87	142.62	1.31	ppb
Silver	109-1	139.49	137.58	135.77	137.61	1.35	ppb
Silver	107-1	137.62	136.09	136.30	136.67	0.60	ppb
Sodium	23-2	12739.95	12686.29	12981.32	12802.52	1.23	ppb
Strontium	86-1	129.00	131.06	129.66	129.91	0.81	ppb
Strontium	88-1	130.32	130.93	130.63	130.63	0.23	ppb
Sulfur	34-1	2556.56	2523.96	2520.20	2533.57	0.79	ppb
Terbium	159-1				92		%
Terbium	159-2				86		%
Thallium	203-1	125.41	125.12	124.81	125.11	0.24	ppb
Thallium	205-1	126.40	126.72	125.98	126.37	0.29	ppb
Thorium	232-1	119.92	119.46	118.79	119.39	0.48	ppb
Tin	118-1	134.56	134.56	133.90	134.34	0.28	ppb
Titanium	47-1	649.70	651.51	647.37	649.53	0.32	ppb
Uranium	238-1	120.95	120.82	121.21	121.00	0.17	ppb
Vanadium	51-2	130.58	128.77	131.92	130.42	1.21	ppb
Yttrium	89-1				86		%
Yttrium	89-2				79		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:55:36	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	258.34	254.65	261.48	258.16	1.33	ppb
Zirconium	90-1	129.09	129.35	129.43	129.29	0.14	ppb
Zirconium	91-1	128.04	128.18	127.50	127.91	0.28	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 13:59:24 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5145.02	5157.85	5033.20	5112.02	1.34	ppb
Antimony	121-1	269.07	266.89	268.15	268.04	0.41	ppb
Arsenic	75-2	260.66	259.90	260.50	260.35	0.15	ppb
Barium	135-1	1320.25	1308.70	1304.77	1311.24	0.61	ppb
Barium	137-1	1296.41	1272.43	1273.92	1280.92	1.05	ppb
Beryllium	9-1	267.75	267.44	264.86	266.68	0.60	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	248.56	256.63	259.85	255.01	2.28	ppb
Boron	11-1	247.62	254.28	257.99	253.30	2.07	ppb
Cadmium	111-1	252.28	249.31	252.32	251.30	0.69	ppb
Cadmium	106-1	253.58	251.35	253.03	252.65	0.46	ppb
Cadmium	108-1	256.83	251.47	251.44	253.24	1.23	ppb
Calcium	43-1	25599.97	25351.80	25456.08	25469.28	0.49	ppb
Calcium	44-1	25331.24	24784.73	24825.94	24980.64	1.22	ppb
Chromium	52-2	262.98	260.40	260.83	261.40	0.53	ppb
Cobalt	59-2	266.75	265.67	264.08	265.50	0.51	ppb
Copper	63-2	548.58	547.24	543.17	546.33	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				88		%
Indium	115-1				83		%
Indium	115-2				80		%
Iron	56-2	13996.52	13850.55	13756.65	13867.90	0.87	ppb
Iron	57-2	14080.52	13929.26	13756.12	13921.97	1.17	ppb
Krypton	83-1						cps
Lead	206-1	255.17	256.13	252.99	254.77	0.63	ppb
Lead	207-1	254.49	256.03	253.85	254.79	0.44	ppb
Lead	208-1	256.47	258.00	255.56	256.67	0.48	ppb
Lithium	6-1				81		%
Magnesium	24-2	27847.05	27597.20	27366.10	27603.45	0.87	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:59:24	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	528.80	529.15	524.70	527.55	0.47	ppb
Molybdenum	94-1	1302.46	1297.12	1306.86	1302.15	0.37	ppb
Molybdenum	95-1	1277.59	1270.91	1275.94	1274.81	0.27	ppb
Molybdenum	96-1	1279.08	1269.62	1271.79	1273.50	0.39	ppb
Molybdenum	97-1	1302.39	1295.59	1302.97	1300.32	0.32	ppb
Molybdenum	98-1	1280.57	1274.54	1278.59	1277.90	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	274.28	270.61	268.20	271.03	1.13	ppb
Phosphorus	31-2	5383.79	5190.41	5177.02	5250.40	2.20	ppb
Potassium	39-2	12661.86	12622.91	12554.30	12613.03	0.43	ppb
Rhodium	103-1				77		%
Rhodium	103-2				78		%
Scandium	45-1				78		%
Scandium	45-2				76		%
Selenium	77-2	286.89	267.56	268.49	274.32	3.97	ppb
Selenium	78-2	263.45	264.88	268.60	265.64	1.00	ppb
Selenium	82-1	275.49	274.68	273.45	274.54	0.37	ppb
Silicon	28-1	282.31	277.20	280.46	279.99	0.92	ppb
Silver	109-1	266.06	262.24	262.34	263.54	0.83	ppb
Silver	107-1	263.41	261.15	262.40	262.32	0.43	ppb
Sodium	23-2	25526.34	25236.37	25141.11	25301.27	0.79	ppb
Strontium	86-1	260.68	259.11	260.76	260.18	0.36	ppb
Strontium	88-1	257.87	256.11	257.35	257.11	0.35	ppb
Sulfur	34-1	5263.25	5135.67	5100.34	5166.42	1.66	ppb
Terbium	159-1				91		%
Terbium	159-2				87		%
Thallium	203-1	258.11	258.46	253.08	256.55	1.17	ppb
Thallium	205-1	250.35	250.61	246.18	249.05	1.00	ppb
Thorium	232-1	247.01	246.84	245.44	246.43	0.35	ppb
Tin	118-1	266.35	263.77	265.23	265.12	0.49	ppb
Titanium	47-1	1306.86	1298.52	1290.49	1298.62	0.63	ppb
Uranium	238-1	249.04	248.83	246.00	247.96	0.68	ppb
Vanadium	51-2	257.52	257.17	255.26	256.65	0.47	ppb
Yttrium	89-1				82		%
Yttrium	89-2				79		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:59:24	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	499.42	495.13	491.89	495.48	0.76	ppb
Zirconium	90-1	260.15	258.72	259.64	259.50	0.28	ppb
Zirconium	91-1	258.15	256.41	259.15	257.90	0.54	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:03:11	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9823.49	9796.31	9792.71	9804.17	0.17	ppb
Antimony	121-1	506.98	518.00	519.06	514.68	1.30	ppb
Arsenic	75-2	504.33	510.06	510.84	508.41	0.70	ppb
Barium	135-1	2483.10	2502.62	2497.73	2494.49	0.41	ppb
Barium	137-1	2508.85	2494.95	2500.84	2501.55	0.28	ppb
Beryllium	9-1	510.24	511.12	510.18	510.51	0.10	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	490.47	502.79	513.73	502.33	2.32	ppb
Boron	11-1	482.62	499.64	510.14	497.47	2.79	ppb
Cadmium	111-1	516.88	520.02	518.03	518.31	0.31	ppb
Cadmium	106-1	513.91	521.96	522.38	519.41	0.92	ppb
Cadmium	108-1	515.84	521.03	526.08	520.98	0.98	ppb
Calcium	43-1	48954.45	48879.12	49309.17	49047.58	0.47	ppb
Calcium	44-1	48475.59	48496.65	48606.87	48526.37	0.15	ppb
Chromium	52-2	504.23	501.79	507.41	504.47	0.56	ppb
Cobalt	59-2	508.10	507.38	508.69	508.06	0.13	ppb
Copper	63-2	1032.91	1030.08	1037.74	1033.58	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				90		%
Indium	115-1				83		%
Indium	115-2				82		%
Iron	56-2	26673.43	26463.97	26623.66	26587.02	0.41	ppb
Iron	57-2	26855.03	26653.09	26820.68	26776.27	0.40	ppb
Krypton	83-1						cps
Lead	206-1	493.35	499.00	501.70	498.01	0.86	ppb
Lead	207-1	496.70	500.25	501.24	499.40	0.48	ppb
Lead	208-1	496.93	498.12	497.54	497.53	0.12	ppb
Lithium	6-1				83		%
Magnesium	24-2	53356.97	52677.75	52656.50	52897.07	0.75	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:03:11	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1015.85	1016.29	1016.35	1016.16	0.03	ppb
Molybdenum	94-1	2511.65	2508.95	2491.61	2504.07	0.43	ppb
Molybdenum	95-1	2516.16	2509.61	2495.73	2507.17	0.42	ppb
Molybdenum	96-1	2519.05	2501.88	2477.92	2499.62	0.83	ppb
Molybdenum	97-1	2519.56	2504.05	2480.19	2501.27	0.79	ppb
Molybdenum	98-1	2506.66	2523.46	2500.61	2510.24	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.70	516.81	516.87	516.46	0.13	ppb
Phosphorus	31-2	10021.54	10162.07	10177.32	10120.31	0.85	ppb
Potassium	39-2	24461.40	24160.58	24179.29	24267.09	0.69	ppb
Rhodium	103-1				78		%
Rhodium	103-2				79		%
Scandium	45-1				81		%
Scandium	45-2				80		%
Selenium	77-2	516.11	524.09	516.55	518.92	0.86	ppb
Selenium	78-2	518.79	510.53	531.53	520.28	2.03	ppb
Selenium	82-1	517.10	521.73	519.48	519.44	0.45	ppb
Silicon	28-1	536.60	539.31	546.56	540.83	0.95	ppb
Silver	109-1	506.95	510.24	508.54	508.58	0.32	ppb
Silver	107-1	506.38	514.91	510.02	510.44	0.84	ppb
Sodium	23-2	49018.28	48602.93	48697.63	48772.95	0.45	ppb
Strontium	86-1	503.13	510.68	506.74	506.85	0.74	ppb
Strontium	88-1	504.05	506.74	504.41	505.07	0.29	ppb
Sulfur	34-1	10024.94	10031.38	10109.93	10055.42	0.47	ppb
Terbium	159-1				93		%
Terbium	159-2				89		%
Thallium	203-1	490.71	496.55	491.64	492.97	0.64	ppb
Thallium	205-1	496.73	494.94	494.11	495.26	0.27	ppb
Thorium	232-1	489.34	495.53	491.47	492.11	0.64	ppb
Tin	118-1	504.70	509.31	510.60	508.20	0.61	ppb
Titanium	47-1	2507.49	2515.08	2538.00	2520.19	0.63	ppb
Uranium	238-1	495.43	494.91	488.13	492.83	0.83	ppb
Vanadium	51-2	500.06	501.71	503.52	501.76	0.35	ppb
Yttrium	89-1				84		%
Yttrium	89-2				82		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:03:11	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	997.30	992.58	1003.66	997.85	0.56	ppb
Zirconium	90-1	500.45	499.61	501.21	500.42	0.16	ppb
Zirconium	91-1	500.33	503.28	505.67	503.10	0.53	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:11:09	DataFile Name :	014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19442.32	19160.12	19296.27	19299.57	0.73	ppb
Antimony	121-1	987.62	991.35	980.52	986.50	0.56	ppb
Arsenic	75-2	1011.49	968.91	996.13	992.18	2.17	ppb
Barium	135-1	4981.94	5009.01	4953.68	4981.54	0.56	ppb
Barium	137-1	4977.59	5004.92	4976.23	4986.25	0.32	ppb
Beryllium	9-1	992.47	995.74	978.72	988.98	0.91	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	979.41	1003.27	1008.82	997.17	1.57	ppb
Boron	11-1	987.35	1000.72	1012.69	1000.26	1.27	ppb
Cadmium	111-1	990.34	988.54	990.23	989.70	0.10	ppb
Cadmium	106-1	993.74	995.35	977.15	988.75	1.02	ppb
Cadmium	108-1	988.96	984.61	990.10	987.89	0.29	ppb
Calcium	43-1	97512.21	97935.10	96981.69	97476.33	0.49	ppb
Calcium	44-1	96807.38	96810.38	95410.33	96342.69	0.84	ppb
Chromium	52-2	1007.72	975.77	997.63	993.71	1.64	ppb
Cobalt	59-2	1003.69	973.58	994.15	990.47	1.55	ppb
Copper	63-2	2001.22	1930.01	1969.56	1966.93	1.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				93		%
Indium	115-1				85		%
Indium	115-2				83		%
Iron	56-2	52785.88	51079.18	51913.13	51926.07	1.64	ppb
Iron	57-2	52417.59	51280.49	51973.02	51890.37	1.10	ppb
Krypton	83-1						cps
Lead	206-1	1001.70	1002.09	995.29	999.69	0.38	ppb
Lead	207-1	998.96	1000.27	997.73	998.99	0.13	ppb
Lead	208-1	1000.11	1000.35	997.77	999.41	0.14	ppb
Lithium	6-1				86		%
Magnesium	24-2	104627.38	102206.49	103762.75	103532.21	1.18	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 14:11:09 DataFile Name : 014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2003.37	1956.68	1986.80	1982.29	1.19	ppb
Molybdenum	94-1	4980.05	5018.01	4946.99	4981.68	0.71	ppb
Molybdenum	95-1	4990.31	5024.35	4945.72	4986.79	0.79	ppb
Molybdenum	96-1	4976.13	5044.64	4953.47	4991.41	0.95	ppb
Molybdenum	97-1	5003.74	5020.43	4927.13	4983.76	1.00	ppb
Molybdenum	98-1	5000.14	5046.62	4906.79	4984.52	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.38	971.83	985.73	984.32	1.20	ppb
Phosphorus	31-2	19872.98	19636.27	20042.90	19850.72	1.03	ppb
Potassium	39-2	48421.97	47615.25	47948.68	47995.30	0.84	ppb
Rhodium	103-1				80		%
Rhodium	103-2				81		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	77-2	997.52	955.92	990.64	981.36	2.27	ppb
Selenium	78-2	994.80	973.34	985.02	984.39	1.09	ppb
Selenium	82-1	980.07	989.40	977.58	982.35	0.63	ppb
Silicon	28-1	972.43	970.08	966.18	969.56	0.33	ppb
Silver	109-1	1001.60	988.37	981.20	990.39	1.04	ppb
Silver	107-1	999.90	988.49	981.30	989.90	0.95	ppb
Sodium	23-2	97599.85	95062.59	96584.36	96415.60	1.32	ppb
Strontium	86-1	992.70	1004.30	983.03	993.34	1.07	ppb
Strontium	88-1	998.39	1000.42	985.95	994.92	0.79	ppb
Sulfur	34-1	20053.02	20008.62	19713.46	19925.03	0.93	ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	1003.09	1004.63	998.05	1001.92	0.34	ppb
Thallium	205-1	1003.58	1001.84	1001.98	1002.47	0.10	ppb
Thorium	232-1	1010.74	1010.78	995.59	1005.71	0.87	ppb
Tin	118-1	993.13	991.10	987.99	990.74	0.26	ppb
Titanium	47-1	5003.08	4993.46	4926.64	4974.39	0.84	ppb
Uranium	238-1	1007.51	1005.79	1000.91	1004.74	0.34	ppb
Vanadium	51-2	1008.98	981.73	999.35	996.69	1.39	ppb
Yttrium	89-1				89		%
Yttrium	89-2				87		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:11:09	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2025.41	1965.17	2012.70	2001.10	1.59	ppb
Zirconium	90-1	1000.02	1001.66	988.77	996.82	0.70	ppb
Zirconium	91-1	993.55	1000.61	994.04	996.06	0.40	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:14:53	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99417.73	100411.37	100624.72	100151.27	0.64	ppb
Antimony	121-1	1.09	1.06	1.06	1.07	1.32	ppb
Arsenic	75-2	1.34	1.07	1.24	1.22	11.25	ppb
Barium	135-1	0.79	0.77	0.79	0.79	1.25	ppb
Barium	137-1	0.83	0.81	0.77	0.80	4.09	ppb
Beryllium	9-1	0.12	0.12	0.10	0.11	10.41	ppb
Bismuth	209-1				76		%
Bismuth	209-2				71		%
Boron	10-1	43.40	39.37	35.05	39.27	10.63	ppb
Boron	11-1	43.69	38.42	35.66	39.25	10.39	ppb
Cadmium	111-1	-0.12	-0.06	-0.09	-0.09		ppb
Cadmium	106-1	-2.59	-2.05	-2.22	-2.29		ppb
Cadmium	108-1	0.25	0.29	0.31	0.28	12.38	ppb
Calcium	43-1	503488.37	497337.36	500892.41	500572.71	0.62	ppb
Calcium	44-1	501958.16	496724.12	503959.85	500880.71	0.75	ppb
Chromium	52-2	14.54	14.67	14.73	14.64	0.65	ppb
Cobalt	59-2	11.41	11.46	11.48	11.45	0.31	ppb
Copper	63-2	2.56	2.49	2.59	2.54	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				88		%
Indium	115-1				81		%
Indium	115-2				80		%
Iron	56-2	248212.58	249986.58	249892.56	249363.90	0.40	ppb
Iron	57-2	249089.04	249960.67	248995.09	249348.27	0.21	ppb
Krypton	83-1						cps
Lead	206-1	1.17	1.20	1.14	1.17	2.56	ppb
Lead	207-1	1.11	1.05	1.06	1.07	2.80	ppb
Lead	208-1	1.14	1.14	1.12	1.13	0.90	ppb
Lithium	6-1				85		%
Magnesium	24-2	495146.09	501533.17	499803.12	498827.46	0.66	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:14:53	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.89	11.43	11.14	11.15	2.43	ppb
Molybdenum	94-1	3.76	3.74	3.61	3.70	2.18	ppb
Molybdenum	95-1	4.67	4.59	4.46	4.57	2.22	ppb
Molybdenum	96-1	6.21	5.90	6.09	6.07	2.57	ppb
Molybdenum	97-1	4.38	4.28	4.22	4.29	1.80	ppb
Molybdenum	98-1	4.27	4.01	3.97	4.08	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.55	17.93	17.40	17.63	1.54	ppb
Phosphorus	31-2	-18.37	-7.61	-11.84	-12.61		ppb
Potassium	39-2	248403.65	251554.68	251431.81	250463.38	0.71	ppb
Rhodium	103-1				71		%
Rhodium	103-2				72		%
Scandium	45-1				84		%
Scandium	45-2				89		%
Selenium	77-2	0.38	0.00	0.38	0.25	86.60	ppb
Selenium	78-2	0.63	0.68	0.18	0.50	54.57	ppb
Selenium	82-1	0.75	0.09	0.15	0.33	112.31	ppb
Silicon	28-1	19.12	17.76	17.91	18.26	4.09	ppb
Silver	109-1	0.07	0.05	0.06	0.06	13.44	ppb
Silver	107-1	0.06	0.05	0.05	0.05	10.28	ppb
Sodium	23-2	498700.30	501310.41	502440.81	500817.17	0.38	ppb
Strontium	86-1	4.64	4.69	4.73	4.68	0.97	ppb
Strontium	88-1	4.48	4.55	4.57	4.53	1.07	ppb
Sulfur	34-1	-318.76	-313.02	-239.18	-290.32		ppb
Terbium	159-1				92		%
Terbium	159-2				87		%
Thallium	203-1	0.18	0.20	0.20	0.19	4.76	ppb
Thallium	205-1	0.20	0.21	0.20	0.20	2.22	ppb
Thorium	232-1	0.14	0.13	0.12	0.13	5.84	ppb
Tin	118-1	0.90	0.89	0.87	0.89	1.97	ppb
Titanium	47-1	2.61	2.55	2.70	2.62	2.86	ppb
Uranium	238-1	0.07	0.06	0.06	0.06	6.30	ppb
Vanadium	51-2	0.19	0.15	0.15	0.16	11.90	ppb
Yttrium	89-1				85		%
Yttrium	89-2				85		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:14:53	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.25	12.22	12.55	12.34	1.47	ppb
Zirconium	90-1	0.42	0.40	0.40	0.41	2.88	ppb
Zirconium	91-1	0.38	0.41	0.39	0.40	4.25	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:21:59	DataFile Name :	016ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	485.11	473.82	473.81	477.58	1.37	ppb
Antimony	121-1	203.46	206.13	206.08	205.23	0.75	ppb
Arsenic	75-2	204.88	204.64	205.28	204.93	0.16	ppb
Barium	135-1	100.29	100.52	101.62	100.81	0.71	ppb
Barium	137-1	98.32	101.01	101.32	100.22	1.64	ppb
Beryllium	9-1	100.02	100.77	100.48	100.42	0.38	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	10.56	10.24	10.43	10.41	1.51	ppb
Boron	11-1	10.55	10.11	10.14	10.26	2.40	ppb
Cadmium	111-1	99.02	100.10	99.78	99.63	0.56	ppb
Cadmium	106-1	82.10	84.40	82.19	82.89	1.57	ppb
Cadmium	108-1	105.96	106.84	106.22	106.34	0.42	ppb
Calcium	43-1	1891.29	1889.61	1885.93	1888.94	0.15	ppb
Calcium	44-1	1879.80	1873.50	1879.41	1877.57	0.19	ppb
Chromium	52-2	96.34	96.03	97.89	96.75	1.03	ppb
Cobalt	59-2	101.28	101.26	101.15	101.23	0.07	ppb
Copper	63-2	105.95	106.10	106.26	106.10	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	1043.71	1043.26	1052.42	1046.46	0.49	ppb
Iron	57-2	1056.29	1059.89	1087.63	1067.93	1.61	ppb
Krypton	83-1						cps
Lead	206-1	188.03	187.36	188.38	187.93	0.28	ppb
Lead	207-1	180.10	181.13	180.44	180.56	0.29	ppb
Lead	208-1	185.18	184.94	185.15	185.09	0.07	ppb
Lithium	6-1				103		%
Magnesium	24-2	1198.38	1215.23	1206.56	1206.72	0.70	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:21:59	DataFile Name :	016ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.63	95.96	96.40	96.00	0.40	ppb
Molybdenum	94-1	1670.61	1684.53	1669.61	1674.92	0.50	ppb
Molybdenum	95-1	2422.91	2425.50	2439.48	2429.30	0.37	ppb
Molybdenum	96-1	2328.84	2322.40	2332.57	2327.93	0.22	ppb
Molybdenum	97-1	2406.00	2417.33	2414.85	2412.73	0.25	ppb
Molybdenum	98-1	2413.23	2419.12	2435.50	2422.62	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.11	104.87	106.01	105.00	0.91	ppb
Phosphorus	31-2	-19.06	-16.69	-16.64	-17.47		ppb
Potassium	39-2	1913.04	1923.69	1924.35	1920.36	0.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	193.28	203.60	216.40	204.43	5.67	ppb
Selenium	78-2	209.42	209.63	213.21	210.76	1.01	ppb
Selenium	82-1	211.20	212.36	210.40	211.32	0.47	ppb
Silicon	28-1	-0.48	-0.42	-0.12	-0.34		ppb
Silver	109-1	106.64	108.40	108.05	107.69	0.86	ppb
Silver	107-1	107.04	108.41	108.31	107.92	0.71	ppb
Sodium	23-2	1894.32	1908.06	1898.03	1900.14	0.37	ppb
Strontium	86-1	2.29	2.30	2.23	2.28	1.62	ppb
Strontium	88-1	2.24	2.23	2.27	2.24	1.12	ppb
Sulfur	34-1	-363.02	-359.14	-435.65	-385.94		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	188.75	190.46	190.60	189.93	0.54	ppb
Thallium	205-1	189.25	190.60	189.22	189.69	0.41	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	11.54	ppb
Tin	118-1	0.06	0.06	0.06	0.06	3.42	ppb
Titanium	47-1	0.15	0.15	0.12	0.14	13.36	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.25	ppb
Vanadium	51-2	96.29	95.15	96.30	95.91	0.69	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:21:59	DataFile Name :	016ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	187.91	188.79	190.17	188.96	0.60	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	30.23	ppb
Zirconium	91-1	0.09	0.08	0.10	0.09	10.41	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:25:49	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.67	18.26	18.29	18.41	1.26	ppb
Antimony	121-1	2.09	2.12	2.07	2.09	1.35	ppb
Arsenic	75-2	1.07	1.03	1.03	1.04	2.15	ppb
Barium	135-1	10.00	9.99	10.14	10.04	0.85	ppb
Barium	137-1	9.88	9.97	10.31	10.05	2.28	ppb
Beryllium	9-1	0.92	1.06	0.99	0.99	6.70	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	28.65	28.35	29.33	28.78	1.75	ppb
Boron	11-1	28.79	29.63	30.22	29.55	2.43	ppb
Cadmium	111-1	0.91	0.81	0.91	0.88	6.41	ppb
Cadmium	106-1	-0.95	-1.50	-0.34	-0.93		ppb
Cadmium	108-1	0.76	1.12	0.84	0.91	20.79	ppb
Calcium	43-1	454.46	451.88	442.93	449.76	1.35	ppb
Calcium	44-1	452.65	453.00	453.41	453.02	0.08	ppb
Chromium	52-2	1.96	1.98	1.98	1.97	0.52	ppb
Cobalt	59-2	1.02	1.01	1.00	1.01	0.72	ppb
Copper	63-2	2.12	2.04	2.12	2.09	2.13	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				105		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	54.34	53.60	54.40	54.11	0.82	ppb
Iron	57-2	57.33	56.86	57.13	57.11	0.42	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.91	0.88	0.89	2.20	ppb
Lead	207-1	0.86	0.86	0.88	0.87	1.61	ppb
Lead	208-1	0.88	0.88	0.88	0.88	0.17	ppb
Lithium	6-1				104		%
Magnesium	24-2	493.58	485.36	502.42	493.79	1.73	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:25:49	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.95	0.95	0.99	0.96	1.90	ppb
Molybdenum	94-1	4.97	5.18	5.08	5.07	2.08	ppb
Molybdenum	95-1	5.38	5.15	5.24	5.26	2.14	ppb
Molybdenum	96-1	5.22	5.19	5.16	5.19	0.60	ppb
Molybdenum	97-1	5.39	5.17	5.36	5.31	2.22	ppb
Molybdenum	98-1	5.47	5.37	5.26	5.37	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.03	0.98	1.04	6.44	ppb
Phosphorus	31-2	19.77	34.02	27.74	27.18	26.27	ppb
Potassium	39-2	472.49	464.75	470.51	469.25	0.86	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	7.64	5.39	7.64	6.89	18.89	ppb
Selenium	78-2	6.06	5.04	5.90	5.67	9.65	ppb
Selenium	82-1	5.51	5.22	5.87	5.54	5.90	ppb
Silicon	28-1	6.84	7.20	7.12	7.05	2.72	ppb
Silver	109-1	1.10	1.09	1.09	1.09	0.75	ppb
Silver	107-1	1.10	1.10	1.17	1.13	3.73	ppb
Sodium	23-2	471.46	464.74	472.50	469.56	0.90	ppb
Strontium	86-1	0.91	0.95	1.01	0.96	5.26	ppb
Strontium	88-1	0.94	0.93	0.92	0.93	0.84	ppb
Sulfur	34-1	-447.70	-424.37	-397.93	-423.33		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.97	0.91	0.93	0.94	3.41	ppb
Thallium	205-1	0.94	0.93	0.95	0.94	1.54	ppb
Thorium	232-1	0.83	0.82	0.85	0.83	2.10	ppb
Tin	118-1	5.04	5.02	5.10	5.05	0.89	ppb
Titanium	47-1	4.90	5.25	5.01	5.05	3.56	ppb
Uranium	238-1	0.81	0.80	0.81	0.81	0.78	ppb
Vanadium	51-2	5.11	5.06	5.01	5.06	0.92	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:25:49	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.06	1.93	2.15	2.05	5.47	ppb
Zirconium	90-1	0.91	0.91	0.93	0.92	1.27	ppb
Zirconium	91-1	0.95	0.91	0.94	0.93	2.38	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 14:29:24 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.28	-0.11	-0.11	-0.17		ppb
Antimony	121-1	0.05	0.03	0.04	0.04	23.34	ppb
Arsenic	75-2	0.00	0.03	0.01	0.01	104.40	ppb
Barium	135-1	0.01	0.01	0.03	0.02	63.84	ppb
Barium	137-1	0.02	0.03	0.02	0.02	25.08	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	12.60	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	7.46	7.06	7.07	7.20	3.16	ppb
Boron	11-1	7.34	6.96	7.01	7.10	2.89	ppb
Cadmium	111-1	-0.11	-0.09	-0.03	-0.08		ppb
Cadmium	106-1	-1.52	-1.26	-0.62	-1.13		ppb
Cadmium	108-1	0.05	-0.02	0.01	0.01	299.28	ppb
Calcium	43-1	-0.93	-0.43	0.43	-0.31		ppb
Calcium	44-1	-0.15	-0.15	-0.63	-0.31		ppb
Chromium	52-2	0.01	0.02	0.02	0.02	27.48	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	33.72	ppb
Copper	63-2	0.01	0.00	0.00	0.00	86.65	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				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	0.06	0.04	0.10	0.07	47.41	ppb
Iron	57-2	-0.64	-0.35	-0.19	-0.39		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.01	0.01	36.69	ppb
Lead	207-1	0.01	0.01	0.01	0.01	23.17	ppb
Lead	208-1	0.01	0.01	0.01	0.01	9.55	ppb
Lithium	6-1				105		%
Magnesium	24-2	1.00	0.57	1.06	0.88	30.16	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 14:29:24 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.09	0.06	0.08	0.08	15.63	ppb
Molybdenum	95-1	0.11	0.14	0.15	0.13	14.33	ppb
Molybdenum	96-1	0.12	0.11	0.10	0.11	8.00	ppb
Molybdenum	97-1	0.13	0.12	0.11	0.12	9.12	ppb
Molybdenum	98-1	0.14	0.12	0.12	0.13	5.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00		ppb
Phosphorus	31-2	-25.16	-24.08	-20.49	-23.24		ppb
Potassium	39-2	-0.11	-2.23	-0.52	-0.95		ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.49	0.07	0.34	0.30	70.05	ppb
Selenium	82-1	-0.16	-0.24	0.03	-0.12		ppb
Silicon	28-1	-3.13	-3.15	-3.08	-3.12		ppb
Silver	109-1	0.01	0.01	0.02	0.01	38.20	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.90	ppb
Sodium	23-2	9.48	9.68	9.24	9.47	2.37	ppb
Strontium	86-1	0.02	0.02	0.00	0.01	109.23	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-380.13	-398.96	-390.87	-389.98		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.04	0.04	1.76	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	11.00	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	14.06	ppb
Tin	118-1	0.01	0.01	0.00	0.01	53.65	ppb
Titanium	47-1	0.00	-0.01	0.00	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1120.83	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	50.01	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:29:24	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.18	0.06	0.12	0.12	50.51	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	264.14	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:32:59	DataFile Name :	019ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86667.83	85967.59	86444.50	86359.97	0.41	ppb
Antimony	121-1	1.22	1.17	1.21	1.20	2.03	ppb
Arsenic	75-2	0.38	0.34	0.33	0.35	7.77	ppb
Barium	135-1	1.26	1.60	1.39	1.42	11.99	ppb
Barium	137-1	1.45	1.40	1.43	1.43	1.62	ppb
Beryllium	9-1	0.29	0.30	0.28	0.29	2.15	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	6.54	6.34	6.36	6.41	1.70	ppb
Boron	11-1	6.16	6.07	5.98	6.07	1.48	ppb
Cadmium	111-1	0.18	0.31	0.13	0.21	45.18	ppb
Cadmium	106-1	-2.32	-2.37	-2.95	-2.55		ppb
Cadmium	108-1	10.47	9.21	10.49	10.06	7.27	ppb
Calcium	43-1	91158.25	92564.99	91911.00	91878.08	0.77	ppb
Calcium	44-1	91864.04	92068.87	91825.29	91919.40	0.14	ppb
Chromium	52-2	18.67	18.95	18.82	18.81	0.72	ppb
Cobalt	59-2	1.17	1.14	1.13	1.15	1.57	ppb
Copper	63-2	7.19	7.29	7.42	7.30	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	99503.75	98915.06	99960.18	99459.66	0.53	ppb
Iron	57-2	99289.04	98604.50	99224.70	99039.41	0.38	ppb
Krypton	83-1						cps
Lead	206-1	4.59	4.55	4.60	4.58	0.63	ppb
Lead	207-1	4.01	3.91	3.95	3.95	1.26	ppb
Lead	208-1	4.23	4.20	4.24	4.22	0.54	ppb
Lithium	6-1				91		%
Magnesium	24-2	94555.57	94785.64	94693.35	94678.19	0.12	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:32:59	DataFile Name :	019ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.39	7.65	7.73	7.59	2.37	ppb
Molybdenum	94-1	1293.08	1290.73	1301.89	1295.23	0.45	ppb
Molybdenum	95-1	1873.82	1884.61	1886.47	1881.63	0.36	ppb
Molybdenum	96-1	1810.18	1822.82	1811.83	1814.94	0.38	ppb
Molybdenum	97-1	1882.34	1905.97	1864.12	1884.14	1.11	ppb
Molybdenum	98-1	1875.22	1904.29	1868.66	1882.72	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.03	5.22	5.25	5.17	2.25	ppb
Phosphorus	31-2	93659.23	94310.54	94369.00	94112.92	0.42	ppb
Potassium	39-2	94656.29	94543.24	94949.17	94716.24	0.22	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	77-2	0.35	0.00	0.00	0.12	173.21	ppb
Selenium	78-2	0.51	0.37	0.15	0.34	53.80	ppb
Selenium	82-1	0.27	0.14	0.40	0.27	47.14	ppb
Silicon	28-1	20.17	20.38	20.22	20.26	0.53	ppb
Silver	109-1	0.10	0.13	0.13	0.12	13.11	ppb
Silver	107-1	0.11	0.12	0.11	0.11	5.58	ppb
Sodium	23-2	92956.15	92528.86	92699.68	92728.23	0.23	ppb
Strontium	86-1	33.29	32.43	32.13	32.62	1.85	ppb
Strontium	88-1	32.49	32.72	32.74	32.65	0.42	ppb
Sulfur	34-1	85115.63	86031.35	86580.27	85909.08	0.86	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.17	0.18	0.22	0.19	13.94	ppb
Thallium	205-1	0.16	0.17	0.22	0.18	16.86	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	9.87	ppb
Tin	118-1	0.17	0.18	0.20	0.18	6.67	ppb
Titanium	47-1	1916.83	1945.54	1933.52	1931.96	0.75	ppb
Uranium	238-1	0.02	0.01	0.02	0.01	13.56	ppb
Vanadium	51-2	0.15	0.16	0.19	0.17	11.67	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:32:59	DataFile Name :	019ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.12	10.39	10.16	10.22	1.42	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	43.61	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	12.60	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:36:35	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87671.93	87358.76	87249.73	87426.81	0.25	ppb
Antimony	121-1	20.45	20.35	20.41	20.40	0.24	ppb
Arsenic	75-2	19.31	19.32	18.90	19.18	1.27	ppb
Barium	135-1	21.31	21.54	21.46	21.44	0.54	ppb
Barium	137-1	21.05	21.44	21.44	21.31	1.06	ppb
Beryllium	9-1	19.94	19.58	19.65	19.72	0.96	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	61.44	62.47	65.23	63.05	3.11	ppb
Boron	11-1	60.97	62.87	62.36	62.07	1.59	ppb
Cadmium	111-1	16.97	17.38	17.18	17.18	1.18	ppb
Cadmium	106-1	12.48	12.91	11.21	12.20	7.23	ppb
Cadmium	108-1	24.15	26.08	25.89	25.37	4.19	ppb
Calcium	43-1	92831.57	93324.75	93103.67	93086.66	0.27	ppb
Calcium	44-1	93518.14	92318.54	93176.22	93004.30	0.66	ppb
Chromium	52-2	38.33	38.16	38.17	38.22	0.25	ppb
Cobalt	59-2	20.35	20.49	20.18	20.34	0.76	ppb
Copper	63-2	26.77	26.88	26.45	26.70	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	100359.72	100908.23	100028.29	100432.08	0.44	ppb
Iron	57-2	99714.36	100080.76	99567.81	99787.64	0.26	ppb
Krypton	83-1						cps
Lead	206-1	24.49	24.48	24.90	24.62	0.99	ppb
Lead	207-1	22.73	22.84	22.90	22.82	0.36	ppb
Lead	208-1	23.42	23.55	23.64	23.54	0.47	ppb
Lithium	6-1				93		%
Magnesium	24-2	96368.93	95942.32	95506.91	95939.39	0.45	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:36:35	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.41	26.61	26.95	26.65	1.02	ppb
Molybdenum	94-1	1350.95	1343.33	1361.00	1351.76	0.66	ppb
Molybdenum	95-1	1951.27	1953.60	1964.81	1956.56	0.37	ppb
Molybdenum	96-1	1884.67	1874.18	1889.15	1882.67	0.41	ppb
Molybdenum	97-1	1958.89	1946.92	1964.02	1956.61	0.45	ppb
Molybdenum	98-1	1961.92	1960.96	1970.66	1964.51	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.58	24.25	24.29	24.38	0.73	ppb
Phosphorus	31-2	94864.88	94550.95	94282.19	94566.01	0.31	ppb
Potassium	39-2	96085.58	95467.13	94848.36	95467.02	0.65	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	77-2	16.50	18.38	14.88	16.59	10.55	ppb
Selenium	78-2	21.70	18.26	18.92	19.63	9.31	ppb
Selenium	82-1	18.91	18.80	19.40	19.03	1.67	ppb
Silicon	28-1	83.96	83.83	84.29	84.02	0.29	ppb
Silver	109-1	17.98	18.02	18.19	18.06	0.61	ppb
Silver	107-1	17.92	18.14	18.22	18.09	0.85	ppb
Sodium	23-2	94302.90	93991.93	94325.12	94206.65	0.20	ppb
Strontium	86-1	32.87	33.34	33.81	33.34	1.42	ppb
Strontium	88-1	33.11	33.13	33.49	33.24	0.64	ppb
Sulfur	34-1	87033.51	86703.86	86723.97	86820.45	0.21	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	20.36	20.29	20.25	20.30	0.27	ppb
Thallium	205-1	20.36	20.38	20.47	20.41	0.29	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	6.55	ppb
Tin	118-1	58.74	58.98	59.26	58.99	0.44	ppb
Titanium	47-1	2011.36	2028.10	1997.60	2012.35	0.76	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.87	ppb
Vanadium	51-2	19.22	19.13	19.28	19.21	0.39	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:36:35	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	25.94	25.67	25.82	25.81	0.53	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	10.89	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	40.33	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:43:51	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51826.44	51797.02	52470.57	52031.34	0.73	ppb
Antimony	121-1	492.69	497.28	495.60	495.19	0.47	ppb
Arsenic	75-2	471.74	472.56	471.61	471.97	0.11	ppb
Barium	135-1	2582.69	2559.76	2557.06	2566.50	0.55	ppb
Barium	137-1	2572.54	2566.07	2573.37	2570.66	0.16	ppb
Beryllium	9-1	490.25	493.71	496.21	493.39	0.61	ppb
Bismuth	209-1				87		%
Bismuth	209-2				83		%
Boron	10-1	484.92	504.05	511.40	500.13	2.73	ppb
Boron	11-1	495.12	501.58	507.37	501.36	1.22	ppb
Cadmium	111-1	461.16	463.33	463.09	462.53	0.26	ppb
Cadmium	106-1	475.68	481.53	478.99	478.73	0.61	ppb
Cadmium	108-1	474.84	474.71	476.84	475.47	0.25	ppb
Calcium	43-1	242681.95	242857.94	241298.56	242279.48	0.35	ppb
Calcium	44-1	241486.57	241048.96	240195.63	240910.38	0.27	ppb
Chromium	52-2	509.40	509.04	515.25	511.23	0.68	ppb
Cobalt	59-2	482.30	484.15	486.70	484.38	0.46	ppb
Copper	63-2	978.95	981.53	992.18	984.22	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	127150.07	127209.62	128236.13	127531.94	0.48	ppb
Iron	57-2	126706.94	126516.51	127516.90	126913.45	0.42	ppb
Krypton	83-1						cps
Lead	206-1	525.38	531.20	528.12	528.23	0.55	ppb
Lead	207-1	526.88	530.00	526.61	527.83	0.36	ppb
Lead	208-1	526.16	528.76	525.67	526.86	0.32	ppb
Lithium	6-1				95		%
Magnesium	24-2	263255.15	262519.20	263723.70	263166.02	0.23	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:43:51	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	985.50	983.59	1005.40	991.50	1.22	ppb
Molybdenum	94-1	2561.39	2568.73	2575.43	2568.52	0.27	ppb
Molybdenum	95-1	2569.05	2552.75	2562.13	2561.31	0.32	ppb
Molybdenum	96-1	2561.92	2559.32	2559.26	2560.17	0.06	ppb
Molybdenum	97-1	2556.58	2574.01	2561.95	2564.18	0.35	ppb
Molybdenum	98-1	2560.73	2579.16	2563.46	2567.78	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.44	482.85	490.13	484.47	1.04	ppb
Phosphorus	31-2	10063.37	9834.24	9779.91	9892.51	1.52	ppb
Potassium	39-2	124236.14	124960.64	124372.74	124523.17	0.31	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	77-2	485.28	488.46	480.08	484.61	0.87	ppb
Selenium	78-2	492.69	486.44	473.22	484.11	2.05	ppb
Selenium	82-1	472.64	482.65	484.79	480.03	1.35	ppb
Silicon	28-1	540.53	545.48	546.43	544.15	0.58	ppb
Silver	109-1	485.62	487.61	488.38	487.21	0.29	ppb
Silver	107-1	492.92	491.77	488.35	491.01	0.48	ppb
Sodium	23-2	243206.09	243537.85	244589.80	243777.91	0.30	ppb
Strontium	86-1	508.71	515.42	520.03	514.72	1.11	ppb
Strontium	88-1	504.44	511.30	509.11	508.29	0.69	ppb
Sulfur	34-1	9708.26	9716.86	9664.74	9696.62	0.29	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	530.41	533.40	526.10	529.97	0.69	ppb
Thallium	205-1	529.04	535.07	525.80	529.97	0.89	ppb
Thorium	232-1	531.45	534.70	530.67	532.28	0.40	ppb
Tin	118-1	508.79	509.92	512.11	510.27	0.33	ppb
Titanium	47-1	2571.57	2590.70	2589.14	2583.80	0.41	ppb
Uranium	238-1	529.61	526.51	531.90	529.34	0.51	ppb
Vanadium	51-2	506.16	506.31	506.78	506.41	0.06	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:43:51	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	972.01	966.10	975.07	971.06	0.47	ppb
Zirconium	90-1	516.77	514.31	518.10	516.39	0.37	ppb
Zirconium	91-1	512.32	518.72	519.54	516.86	0.77	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : CCB16 Instrumnet Name : P7
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 14:47:31 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.43	1.46	0.99	1.29	20.44	ppb
Antimony	121-1	0.18	0.17	0.18	0.17	3.59	ppb
Arsenic	75-2	0.03	0.06	0.03	0.04	48.88	ppb
Barium	135-1	0.08	0.10	0.08	0.09	11.34	ppb
Barium	137-1	0.09	0.09	0.06	0.08	20.08	ppb
Beryllium	9-1	0.07	0.05	0.06	0.06	13.41	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	21.00	20.08	19.39	20.16	4.00	ppb
Boron	11-1	21.83	20.50	18.15	20.16	9.25	ppb
Cadmium	111-1	-0.02	-0.04	-0.09	-0.05		ppb
Cadmium	106-1	-0.62	-1.14	-1.52	-1.09		ppb
Cadmium	108-1	0.02	-0.02	0.01	0.00	1481.33	ppb
Calcium	43-1	6.44	4.48	2.68	4.54	41.50	ppb
Calcium	44-1	4.62	4.23	3.35	4.06	16.05	ppb
Chromium	52-2	0.02	0.07	0.05	0.05	54.30	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	8.08	ppb
Copper	63-2	0.07	0.05	0.04	0.05	30.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	3.12	3.46	3.61	3.40	7.38	ppb
Iron	57-2	3.63	3.91	2.49	3.35	22.45	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.05	0.06	13.58	ppb
Lead	207-1	0.05	0.04	0.05	0.05	11.83	ppb
Lead	208-1	0.05	0.05	0.04	0.05	14.16	ppb
Lithium	6-1				105		%
Magnesium	24-2	7.04	6.35	6.76	6.72	5.15	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:47:31	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.52	0.44	0.38	0.45	16.13	ppb
Molybdenum	95-1	0.61	0.51	0.50	0.54	10.96	ppb
Molybdenum	96-1	0.54	0.52	0.44	0.50	11.18	ppb
Molybdenum	97-1	0.63	0.50	0.44	0.52	18.60	ppb
Molybdenum	98-1	0.54	0.53	0.45	0.51	10.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.04	0.02	110.89	ppb
Phosphorus	31-2	-26.30	-20.71	-25.33	-24.11		ppb
Potassium	39-2	9.80	9.72	9.67	9.73	0.65	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.03	0.22	0.00	0.06	217.07	ppb
Selenium	82-1	0.07	-0.09	0.04	0.01	1095.13	ppb
Silicon	28-1	-0.51	-1.05	-1.59	-1.05		ppb
Silver	109-1	0.07	0.06	0.05	0.06	16.84	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.35	ppb
Sodium	23-2	37.32	38.49	36.95	37.59	2.13	ppb
Strontium	86-1	0.03	0.01	0.04	0.03	39.46	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	13.26	ppb
Sulfur	34-1	-497.97	-472.82	-509.72	-493.50		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.13	0.10	0.09	0.11	20.11	ppb
Thallium	205-1	0.12	0.11	0.10	0.11	8.48	ppb
Thorium	232-1	0.06	0.06	0.05	0.06	3.83	ppb
Tin	118-1	0.07	0.08	0.07	0.07	7.57	ppb
Titanium	47-1	0.08	0.08	0.05	0.07	24.08	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	21.85	ppb
Vanadium	51-2	0.02	0.02	0.01	0.01	25.94	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:47:31	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.10	-0.24	-0.25	-0.20		ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	24.67	ppb
Zirconium	91-1	0.03	0.05	0.03	0.03	29.99	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6366-02A	Instrumnet Name :	P7
Client Sample ID :	METC11A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:51:05	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.99	7.92	9.44	8.78	8.93	ppb
Antimony	121-1	0.72	0.74	0.74	0.73	1.41	ppb
Arsenic	75-2	2.70	2.36	2.45	2.50	7.06	ppb
Barium	135-1	111.93	114.60	113.80	113.44	1.21	ppb
Barium	137-1	111.43	113.09	112.86	112.46	0.80	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	42.55	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Boron	10-1	238.35	250.64	254.90	247.96	3.47	ppb
Boron	11-1	238.60	253.07	257.52	249.73	3.96	ppb
Cadmium	111-1	0.01	0.02	0.08	0.03	109.61	ppb
Cadmium	106-1	-1.83	-1.90	-1.24	-1.65		ppb
Cadmium	108-1	1.58	1.55	1.77	1.63	7.34	ppb
Calcium	43-1	108664.47	109142.86	108676.74	108828.02	0.25	ppb
Calcium	44-1	108900.59	108459.02	108391.44	108583.68	0.25	ppb
Chromium	52-2	0.28	0.32	0.25	0.28	11.30	ppb
Cobalt	59-2	0.88	0.88	0.88	0.88	0.11	ppb
Copper	63-2	0.76	0.78	0.84	0.79	4.99	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				122		%
Holmium	165-2				113		%
Indium	115-1				114		%
Indium	115-2				111		%
Iron	56-2	157.09	156.50	155.83	156.47	0.40	ppb
Iron	57-2	498.30	494.03	497.60	496.64	0.46	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.19	0.21	0.21	8.62	ppb
Lead	207-1	0.22	0.19	0.19	0.20	7.31	ppb
Lead	208-1	0.22	0.20	0.20	0.21	7.13	ppb
Lithium	6-1				121		%
Magnesium	24-2	37210.75	37133.35	36700.38	37014.83	0.74	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6366-02A	Instrumnet Name :	P7
Client Sample ID :	METC11A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:51:05	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	89.58	89.31	90.13	89.67	0.47	ppb
Molybdenum	94-1	177.99	177.67	178.56	178.07	0.25	ppb
Molybdenum	95-1	258.40	256.19	258.78	257.79	0.54	ppb
Molybdenum	96-1	244.61	245.03	246.32	245.32	0.36	ppb
Molybdenum	97-1	256.33	256.20	256.69	256.41	0.10	ppb
Molybdenum	98-1	256.88	256.60	258.82	257.43	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.99	3.81	3.96	3.92	2.34	ppb
Phosphorus	31-2	106.00	85.01	76.75	89.25	16.90	ppb
Potassium	39-2	4593.70	4615.87	4605.53	4605.03	0.24	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				119		%
Scandium	45-2				117		%
Selenium	77-2	16.81	17.40	15.23	16.48	6.82	ppb
Selenium	78-2	15.43	16.19	14.39	15.34	5.91	ppb
Selenium	82-1	15.03	14.31	15.45	14.93	3.87	ppb
Silicon	28-1	6535.88	6571.50	6643.81	6583.73	0.84	ppb
Silver	109-1	0.23	0.26	0.28	0.26	9.63	ppb
Silver	107-1	0.21	0.28	0.31	0.27	19.86	ppb
Sodium	23-2	53025.79	52784.17	52594.47	52801.48	0.41	ppb
Strontium	86-1	329.28	328.01	332.40	329.90	0.69	ppb
Strontium	88-1	330.44	329.64	328.90	329.66	0.23	ppb
Sulfur	34-1	27280.44	27518.40	27578.79	27459.21	0.57	ppb
Terbium	159-1				120		%
Terbium	159-2				114		%
Thallium	203-1	0.46	0.45	0.42	0.44	5.25	ppb
Thallium	205-1	0.44	0.45	0.42	0.44	3.71	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	5.33	ppb
Tin	118-1	0.29	0.27	0.26	0.27	4.28	ppb
Titanium	47-1	0.70	0.60	0.68	0.66	7.74	ppb
Uranium	238-1	5.62	5.67	5.67	5.66	0.53	ppb
Vanadium	51-2	0.25	0.26	0.24	0.25	3.01	ppb
Yttrium	89-1				117		%
Yttrium	89-2				115		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6366-02A	Instrumnet Name :	P7
Client Sample ID :	METC11A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:51:05	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.04	10.34	10.80	10.39	3.66	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	4.50	ppb
Zirconium	91-1	0.10	0.09	0.07	0.08	17.19	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6292-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MBEJD2DL	Dilution Factor :	2
Date & Time Acquired ::	2018-12-21 14:54:40	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7962.09	7859.01	7794.25	7871.78	1.08	ppb
Antimony	121-1	0.39	0.36	0.39	0.38	5.51	ppb
Arsenic	75-2	5.13	4.90	4.98	5.00	2.40	ppb
Barium	135-1	9.16	9.37	9.52	9.35	1.91	ppb
Barium	137-1	9.26	9.38	9.45	9.37	1.06	ppb
Beryllium	9-1	0.84	0.85	0.87	0.85	1.73	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	480.57	480.02	502.98	487.86	2.69	ppb
Boron	11-1	489.78	498.28	512.87	500.31	2.33	ppb
Cadmium	111-1	61.13	61.53	60.72	61.13	0.66	ppb
Cadmium	106-1	51.45	51.72	51.23	51.47	0.47	ppb
Cadmium	108-1	54.01	55.62	54.84	54.82	1.48	ppb
Calcium	43-1	40664.40	41091.49	40725.89	40827.26	0.57	ppb
Calcium	44-1	41161.37	41002.72	40949.60	41037.89	0.27	ppb
Chromium	52-2	6.31	6.23	6.24	6.26	0.72	ppb
Cobalt	59-2	60.13	59.76	59.74	59.88	0.37	ppb
Copper	63-2	3.31	3.22	3.31	3.28	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	47209.29	46729.90	46275.25	46738.15	1.00	ppb
Iron	57-2	47244.66	46312.78	46806.78	46788.07	1.00	ppb
Krypton	83-1						cps
Lead	206-1	3.47	3.44	3.41	3.44	0.75	ppb
Lead	207-1	3.13	3.21	3.15	3.16	1.22	ppb
Lead	208-1	3.27	3.29	3.25	3.27	0.61	ppb
Lithium	6-1				104		%
Magnesium	24-2	10922.42	10897.35	10808.27	10876.01	0.55	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6292-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MBEJD2DL	Dilution Factor :	2
Date & Time Acquired ::	2018-12-21 14:54:40	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	680.44	676.33	671.19	675.99	0.69	ppb
Molybdenum	94-1	3.40	3.43	3.36	3.40	0.98	ppb
Molybdenum	95-1	0.17	0.17	0.17	0.17	1.57	ppb
Molybdenum	96-1	0.85	0.94	0.89	0.90	4.99	ppb
Molybdenum	97-1	0.17	0.17	0.17	0.17	2.84	ppb
Molybdenum	98-1	0.19	0.18	0.16	0.18	9.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	158.81	157.86	157.39	158.02	0.46	ppb
Phosphorus	31-2	-4.09	-8.00	-16.11	-9.40		ppb
Potassium	39-2	2906.15	2884.95	2865.21	2885.44	0.71	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	58.30	57.44	54.53	56.75	3.48	ppb
Selenium	78-2	12.05	12.33	12.67	12.35	2.49	ppb
Selenium	82-1	1.73	1.67	1.51	1.63	7.02	ppb
Silicon	28-1	5040.85	5045.99	4998.43	5028.42	0.52	ppb
Silver	109-1	0.15	0.16	0.17	0.16	5.01	ppb
Silver	107-1	0.15	0.19	0.17	0.17	10.31	ppb
Sodium	23-2	12665.07	12491.22	12414.42	12523.57	1.03	ppb
Strontium	86-1	134.24	136.16	135.57	135.33	0.73	ppb
Strontium	88-1	135.06	136.07	136.43	135.85	0.52	ppb
Sulfur	34-1	121687.62	123275.38	120264.84	121742.61	1.24	ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.38	0.37	0.35	0.37	3.48	ppb
Thallium	205-1	0.39	0.36	0.36	0.37	4.25	ppb
Thorium	232-1	0.41	0.41	0.40	0.41	1.07	ppb
Tin	118-1	0.13	0.14	0.13	0.13	3.53	ppb
Titanium	47-1	0.83	0.77	0.76	0.79	5.13	ppb
Uranium	238-1	1.51	1.48	1.48	1.49	0.88	ppb
Vanadium	51-2	0.15	0.18	0.15	0.16	8.99	ppb
Yttrium	89-1				139		%
Yttrium	89-2				137		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6292-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MBEJD2DL	Dilution Factor :	2
Date & Time Acquired ::	2018-12-21 14:54:40	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	350.18	343.29	343.88	345.78	1.10	ppb
Zirconium	90-1	2.11	2.12	2.12	2.12	0.16	ppb
Zirconium	91-1	2.02	1.99	2.17	2.06	4.59	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6292-08	Instrumnet Name :	P7
Client Sample ID :	MBEJE8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:58:16	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.79	3.62	3.47	3.96	18.23	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	1.71	ppb
Arsenic	75-2	0.00	0.03	0.01	0.01	127.49	ppb
Barium	135-1	0.26	0.29	0.23	0.26	11.06	ppb
Barium	137-1	0.23	0.24	0.26	0.24	6.33	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	11.73	ppb
Bismuth	209-1				116		%
Bismuth	209-2				115		%
Boron	10-1	25.60	23.66	21.47	23.58	8.76	ppb
Boron	11-1	25.94	23.20	22.05	23.73	8.43	ppb
Cadmium	111-1	-0.04	-0.11	-0.05	-0.07		ppb
Cadmium	106-1	-0.73	-1.82	-0.99	-1.18		ppb
Cadmium	108-1	0.02	-0.03	0.03	0.01	469.55	ppb
Calcium	43-1	34.66	35.60	37.02	35.76	3.33	ppb
Calcium	44-1	36.33	35.52	35.10	35.65	1.75	ppb
Chromium	52-2	-0.05	-0.03	-0.04	-0.04		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.29	0.30	0.28	0.29	2.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				113		%
Indium	115-1				115		%
Indium	115-2				114		%
Iron	56-2	2.39	2.28	2.43	2.36	3.35	ppb
Iron	57-2	1.69	1.65	1.39	1.58	10.40	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.06	0.06	4.30	ppb
Lead	207-1	0.07	0.07	0.06	0.06	7.29	ppb
Lead	208-1	0.07	0.06	0.06	0.06	7.47	ppb
Lithium	6-1				114		%
Magnesium	24-2	3.40	3.93	2.90	3.41	15.11	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6292-08	Instrumnet Name :	P7
Client Sample ID :	MBEJE8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:58:16	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.06	0.08	0.07	11.70	ppb
Molybdenum	94-1	0.07	0.05	0.07	0.06	16.95	ppb
Molybdenum	95-1	0.10	0.10	0.08	0.09	11.90	ppb
Molybdenum	96-1	0.07	0.08	0.07	0.08	8.55	ppb
Molybdenum	97-1	0.09	0.07	0.09	0.08	11.37	ppb
Molybdenum	98-1	0.11	0.10	0.08	0.10	18.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.09	0.06	0.07	14.85	ppb
Phosphorus	31-2	-26.02	-24.02	-25.05	-25.03		ppb
Potassium	39-2	9.65	6.90	9.42	8.66	17.61	ppb
Rhodium	103-1				114		%
Rhodium	103-2				112		%
Scandium	45-1				116		%
Scandium	45-2				113		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.03	0.05	0.09	0.04	152.94	ppb
Selenium	82-1	0.10	-0.05	0.16	0.07	149.58	ppb
Silicon	28-1	-6.48	-6.18	-6.39	-6.35		ppb
Silver	109-1	0.05	0.05	0.04	0.05	16.09	ppb
Silver	107-1	0.06	0.04	0.04	0.05	23.20	ppb
Sodium	23-2	25.34	23.79	23.67	24.27	3.85	ppb
Strontium	86-1	0.36	0.29	0.29	0.31	12.66	ppb
Strontium	88-1	0.29	0.30	0.30	0.30	3.16	ppb
Sulfur	34-1	-754.76	-731.86	-770.13	-752.25		ppb
Terbium	159-1				117		%
Terbium	159-2				113		%
Thallium	203-1	0.03	0.02	0.03	0.03	20.93	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.55	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	10.95	ppb
Tin	118-1	0.01	0.02	0.01	0.01	45.47	ppb
Titanium	47-1	0.02	0.03	0.02	0.02	25.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	85.89	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	16.68	ppb
Yttrium	89-1				116		%
Yttrium	89-2				114		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6292-08	Instrumnet Name :	P7
Client Sample ID :	MBEJE8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:58:16	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	22.21	23.49	23.15	22.95	2.90	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	211.31	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	98.50	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:01:51	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52184.37	52461.82	52368.70	52338.29	0.27	ppb
Antimony	121-1	486.77	492.34	495.63	491.58	0.91	ppb
Arsenic	75-2	469.42	473.85	472.02	471.77	0.47	ppb
Barium	135-1	2563.07	2565.01	2573.44	2567.17	0.21	ppb
Barium	137-1	2571.36	2554.28	2558.42	2561.35	0.35	ppb
Beryllium	9-1	493.34	494.57	493.89	493.93	0.12	ppb
Bismuth	209-1				86		%
Bismuth	209-2				82		%
Boron	10-1	488.90	494.60	496.89	493.46	0.83	ppb
Boron	11-1	487.50	494.00	496.17	492.56	0.92	ppb
Cadmium	111-1	508.21	510.64	510.44	509.76	0.26	ppb
Cadmium	106-1	516.55	516.33	517.29	516.72	0.10	ppb
Cadmium	108-1	519.72	513.67	522.54	518.64	0.87	ppb
Calcium	43-1	240036.95	239122.14	238997.65	239385.58	0.24	ppb
Calcium	44-1	238015.31	238479.70	237801.66	238098.89	0.15	ppb
Chromium	52-2	509.36	509.82	511.28	510.15	0.20	ppb
Cobalt	59-2	481.44	484.95	482.38	482.92	0.38	ppb
Copper	63-2	987.42	996.96	991.01	991.80	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	56-2	127915.22	127266.46	126900.61	127360.76	0.40	ppb
Iron	57-2	126643.20	127077.72	125797.74	126506.22	0.51	ppb
Krypton	83-1						cps
Lead	206-1	522.43	526.36	527.27	525.35	0.49	ppb
Lead	207-1	522.28	525.10	529.77	525.72	0.72	ppb
Lead	208-1	523.94	523.96	526.04	524.65	0.23	ppb
Lithium	6-1				93		%
Magnesium	24-2	261330.07	262199.37	264056.76	262528.74	0.53	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:01:51	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	991.29	988.08	988.22	989.19	0.18	ppb
Molybdenum	94-1	2553.72	2581.18	2552.12	2562.34	0.64	ppb
Molybdenum	95-1	2551.75	2559.03	2537.11	2549.30	0.44	ppb
Molybdenum	96-1	2548.73	2556.51	2555.40	2553.55	0.16	ppb
Molybdenum	97-1	2559.46	2543.25	2547.37	2550.03	0.33	ppb
Molybdenum	98-1	2572.83	2560.84	2554.78	2562.82	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.01	485.34	480.23	482.53	0.54	ppb
Phosphorus	31-2	10047.86	9949.04	9813.28	9936.73	1.19	ppb
Potassium	39-2	124591.89	125234.80	124821.78	124882.82	0.26	ppb
Rhodium	103-1				81		%
Rhodium	103-2				82		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	77-2	502.61	502.80	493.34	499.59	1.08	ppb
Selenium	78-2	504.89	498.42	491.43	498.24	1.35	ppb
Selenium	82-1	488.84	494.62	490.86	491.44	0.60	ppb
Silicon	28-1	555.52	563.26	568.14	562.31	1.13	ppb
Silver	109-1	498.04	487.07	490.44	491.85	1.14	ppb
Silver	107-1	493.10	492.96	492.66	492.91	0.05	ppb
Sodium	23-2	241384.20	241401.55	242286.27	241690.67	0.21	ppb
Strontium	86-1	511.33	514.34	510.99	512.22	0.36	ppb
Strontium	88-1	511.63	509.00	514.22	511.62	0.51	ppb
Sulfur	34-1	9634.41	9633.03	9736.32	9667.92	0.61	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	531.18	521.81	525.99	526.33	0.89	ppb
Thallium	205-1	531.02	526.62	524.19	527.28	0.66	ppb
Thorium	232-1	529.17	531.28	532.24	530.90	0.30	ppb
Tin	118-1	505.59	510.62	508.95	508.39	0.50	ppb
Titanium	47-1	2570.85	2570.75	2562.96	2568.19	0.18	ppb
Uranium	238-1	524.65	528.17	528.89	527.24	0.43	ppb
Vanadium	51-2	502.94	505.42	502.03	503.47	0.35	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:01:51	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	914.83	920.84	911.98	915.88	0.49	ppb
Zirconium	90-1	514.68	515.72	512.69	514.37	0.30	ppb
Zirconium	91-1	506.72	514.74	515.56	512.34	0.95	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:05:31	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.69	0.74	0.61	29.33	ppb
Antimony	121-1	0.18	0.16	0.19	0.18	8.12	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	81.92	ppb
Barium	135-1	0.06	0.09	0.04	0.06	41.51	ppb
Barium	137-1	0.08	0.07	0.04	0.06	32.29	ppb
Beryllium	9-1	0.06	0.05	0.05	0.05	9.87	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Boron	10-1	21.99	18.67	18.99	19.88	9.22	ppb
Boron	11-1	22.25	18.83	19.52	20.20	8.97	ppb
Cadmium	111-1	-0.03	-0.06	-0.03	-0.04		ppb
Cadmium	106-1	-0.96	-1.36	-0.75	-1.02		ppb
Cadmium	108-1	0.10	0.00	0.05	0.05	96.32	ppb
Calcium	43-1	1.82	2.68	0.89	1.80	49.80	ppb
Calcium	44-1	3.36	2.61	2.15	2.71	22.51	ppb
Chromium	52-2	0.06	0.06	0.03	0.05	34.20	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	3531.02	ppb
Copper	63-2	0.09	0.08	0.06	0.08	18.52	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				113		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	1.87	1.62	1.83	1.77	7.47	ppb
Iron	57-2	2.85	1.96	1.56	2.12	31.10	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.04	0.04	21.36	ppb
Lead	207-1	0.05	0.02	0.04	0.04	34.96	ppb
Lead	208-1	0.04	0.02	0.04	0.03	29.83	ppb
Lithium	6-1				109		%
Magnesium	24-2	3.38	3.32	3.89	3.53	8.87	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:05:31	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.51	0.33	0.38	0.41	22.47	ppb
Molybdenum	95-1	0.59	0.46	0.52	0.52	12.78	ppb
Molybdenum	96-1	0.58	0.47	0.45	0.50	14.76	ppb
Molybdenum	97-1	0.71	0.44	0.43	0.53	30.36	ppb
Molybdenum	98-1	0.59	0.47	0.47	0.51	13.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.00	0.01	105.97	ppb
Phosphorus	31-2	-24.21	-27.65	-26.59	-26.15		ppb
Potassium	39-2	9.52	4.87	6.03	6.81	35.55	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	77-2	0.31	0.00	0.00	0.10	173.21	ppb
Selenium	78-2	0.11	0.46	0.34	0.30	58.46	ppb
Selenium	82-1	0.07	0.10	-0.03	0.05	140.42	ppb
Silicon	28-1	0.62	-1.89	-0.14	-0.47		ppb
Silver	109-1	0.05	0.04	0.04	0.04	5.11	ppb
Silver	107-1	0.05	0.04	0.05	0.05	9.41	ppb
Sodium	23-2	26.42	24.37	22.63	24.48	7.75	ppb
Strontium	86-1	0.04	0.03	0.02	0.03	23.68	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	94.94	ppb
Sulfur	34-1	-501.04	-719.51	-501.96	-574.17		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.06	0.08	0.08	24.36	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	9.28	ppb
Thorium	232-1	0.08	0.07	0.07	0.07	12.92	ppb
Tin	118-1	0.15	0.12	0.08	0.12	32.02	ppb
Titanium	47-1	0.05	0.08	0.06	0.06	27.00	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.30	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	26.61	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:05:31	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.17	-0.25	-0.22	-0.21		ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	30.46	ppb
Zirconium	91-1	0.02	0.04	0.01	0.03	54.82	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 15:52:36 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.68	16.23	18.57	18.16	9.68	ppb
Antimony	121-1	1.87	1.85	1.89	1.87	1.11	ppb
Arsenic	75-2	0.96	1.13	0.83	0.97	15.73	ppb
Barium	135-1	9.57	9.60	9.67	9.61	0.55	ppb
Barium	137-1	9.49	9.45	9.41	9.45	0.42	ppb
Beryllium	9-1	0.98	0.95	0.96	0.96	1.45	ppb
Bismuth	209-1				112		%
Bismuth	209-2				112		%
Boron	10-1	22.41	22.24	22.53	22.39	0.65	ppb
Boron	11-1	21.65	22.64	23.17	22.49	3.45	ppb
Cadmium	111-1	0.86	0.73	0.74	0.78	8.98	ppb
Cadmium	106-1	-0.05	-1.22	-1.15	-0.80		ppb
Cadmium	108-1	0.83	0.95	0.99	0.92	9.19	ppb
Calcium	43-1	437.43	424.77	408.61	423.60	3.41	ppb
Calcium	44-1	423.87	422.57	419.45	421.96	0.54	ppb
Chromium	52-2	1.85	1.84	1.86	1.85	0.40	ppb
Cobalt	59-2	0.90	0.95	0.95	0.93	2.95	ppb
Copper	63-2	1.98	1.91	2.01	1.97	2.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				114		%
Iron	56-2	50.47	50.17	50.39	50.34	0.31	ppb
Iron	57-2	54.18	52.05	53.16	53.13	2.00	ppb
Krypton	83-1						cps
Lead	206-1	0.82	0.84	0.83	0.83	0.81	ppb
Lead	207-1	0.78	0.78	0.81	0.79	1.89	ppb
Lead	208-1	0.79	0.81	0.81	0.80	1.61	ppb
Lithium	6-1				121		%
Magnesium	24-2	463.53	473.46	469.62	468.87	1.07	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:52:36	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.94	0.85	0.93	0.91	5.42	ppb
Molybdenum	94-1	4.50	4.51	4.49	4.50	0.22	ppb
Molybdenum	95-1	4.70	4.56	4.55	4.61	1.81	ppb
Molybdenum	96-1	4.59	4.43	4.54	4.52	1.73	ppb
Molybdenum	97-1	4.62	4.55	4.59	4.59	0.86	ppb
Molybdenum	98-1	4.61	4.63	4.52	4.59	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.96	1.02	0.99	3.00	ppb
Phosphorus	31-2	16.75	29.97	22.20	22.98	28.92	ppb
Potassium	39-2	448.19	456.13	453.53	452.61	0.89	ppb
Rhodium	103-1				116		%
Rhodium	103-2				113		%
Scandium	45-1				121		%
Scandium	45-2				121		%
Selenium	77-2	5.34	4.39	3.85	4.53	16.63	ppb
Selenium	78-2	6.59	5.03	5.17	5.60	15.41	ppb
Selenium	82-1	5.28	4.64	5.08	5.00	6.58	ppb
Silicon	28-1	7.38	7.54	6.67	7.20	6.45	ppb
Silver	109-1	1.05	1.09	1.05	1.06	2.44	ppb
Silver	107-1	1.06	1.11	1.08	1.08	2.51	ppb
Sodium	23-2	432.41	429.27	431.93	431.21	0.39	ppb
Strontium	86-1	0.92	0.86	0.83	0.87	5.25	ppb
Strontium	88-1	0.88	0.88	0.86	0.87	1.40	ppb
Sulfur	34-1	-140.35	-132.52	-124.32	-132.40		ppb
Terbium	159-1				114		%
Terbium	159-2				112		%
Thallium	203-1	0.82	0.81	0.78	0.81	2.81	ppb
Thallium	205-1	0.82	0.84	0.83	0.83	1.40	ppb
Thorium	232-1	0.72	0.73	0.72	0.72	0.71	ppb
Tin	118-1	4.92	4.88	4.82	4.87	1.09	ppb
Titanium	47-1	4.47	4.96	4.57	4.67	5.49	ppb
Uranium	238-1	0.74	0.73	0.74	0.73	0.70	ppb
Vanadium	51-2	4.75	4.75	4.70	4.74	0.57	ppb
Yttrium	89-1				117		%
Yttrium	89-2				116		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:52:36	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.79	1.91	1.83	1.84	3.50	ppb
Zirconium	90-1	0.89	0.84	0.83	0.85	4.07	ppb
Zirconium	91-1	0.77	0.81	0.89	0.82	7.72	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6347-02DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181210DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 15:58:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.56	1.21	1.61	1.46	14.77	ppb
Antimony	121-1	0.74	0.66	0.75	0.72	7.22	ppb
Arsenic	75-2	0.07	0.07	0.04	0.06	29.21	ppb
Barium	135-1	0.03	0.06	0.05	0.05	35.69	ppb
Barium	137-1	0.03	0.04	0.03	0.03	8.88	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	149.63	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	2.43	2.21	2.32	2.32	4.77	ppb
Boron	11-1	2.48	2.51	2.28	2.42	5.08	ppb
Cadmium	111-1	-0.14	-0.07	-0.02	-0.07		ppb
Cadmium	106-1	-2.24	-1.48	-0.91	-1.54		ppb
Cadmium	108-1	0.01	0.04	0.04	0.03	63.79	ppb
Calcium	43-1	6.84	2.29	3.33	4.16	57.30	ppb
Calcium	44-1	3.32	4.01	4.12	3.82	11.38	ppb
Chromium	52-2	0.25	0.30	0.29	0.28	8.74	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.38	0.38	0.44	0.40	8.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	56-2	1.48	1.53	1.52	1.51	1.83	ppb
Iron	57-2	1.76	1.67	1.04	1.49	26.32	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.19	0.17	0.19	8.79	ppb
Lead	207-1	0.18	0.19	0.16	0.18	8.33	ppb
Lead	208-1	0.19	0.18	0.16	0.18	8.05	ppb
Lithium	6-1				117		%
Magnesium	24-2	1.32	1.19	1.63	1.38	16.45	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6347-02DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181210DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 15:58:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.04	0.04	0.04	7.88	ppb
Molybdenum	94-1	0.04	0.05	0.04	0.04	11.16	ppb
Molybdenum	95-1	0.01	0.02	0.00	0.01	68.41	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	17.05	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	26.37	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	39.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.05	0.03	0.04	23.14	ppb
Phosphorus	31-2	-18.18	-14.94	-18.20	-17.11		ppb
Potassium	39-2	20.95	19.71	20.14	20.27	3.11	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				117		%
Selenium	77-2	0.57	0.00	0.57	0.38	86.60	ppb
Selenium	78-2	0.82	0.16	0.01	0.33	129.08	ppb
Selenium	82-1	0.20	0.07	0.02	0.10	94.72	ppb
Silicon	28-1	2.10	1.44	1.81	1.78	18.60	ppb
Silver	109-1	0.21	0.25	0.23	0.23	7.84	ppb
Silver	107-1	0.22	0.21	0.25	0.22	9.15	ppb
Sodium	23-2	60.93	69.03	71.91	67.29	8.46	ppb
Strontium	86-1	0.02	0.02	0.05	0.03	49.96	ppb
Strontium	88-1	0.02	0.01	0.02	0.02	11.29	ppb
Sulfur	34-1	-58.66	-39.03	-68.34	-55.35		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.13	0.10	0.11	17.12	ppb
Thallium	205-1	0.10	0.11	0.10	0.11	6.13	ppb
Thorium	232-1	0.01	0.01	0.00	0.01	24.12	ppb
Tin	118-1	0.53	0.54	0.56	0.55	2.59	ppb
Titanium	47-1	0.05	0.04	0.07	0.05	28.58	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.04	0.05	0.04	19.21	ppb
Yttrium	89-1				110		%
Yttrium	89-2				112		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6347-02DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181210DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 15:58:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	0.24	-0.03	0.07	227.74	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	24.73	ppb
Zirconium	91-1	0.03	0.02	0.04	0.03	32.81	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6347-02DUPDLX5 Instrumnet Name : P7
 Client Sample ID : P001-RB-181210DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 16:01:52 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.41	1.37	1.25	1.34	6.11	ppb
Antimony	121-1	0.56	0.52	0.57	0.55	4.77	ppb
Arsenic	75-2	0.07	0.08	0.07	0.07	10.08	ppb
Barium	135-1	0.09	0.07	0.08	0.08	11.27	ppb
Barium	137-1	0.08	0.08	0.09	0.08	8.18	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	106.79	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	10-1	1.64	2.01	1.87	1.84	10.25	ppb
Boron	11-1	1.96	1.93	1.79	1.89	4.76	ppb
Cadmium	111-1	-0.05	-0.05	0.03	-0.03		ppb
Cadmium	106-1	-1.10	-1.16	-0.16	-0.81		ppb
Cadmium	108-1	0.01	0.05	0.03	0.03	76.24	ppb
Calcium	43-1	8.57	7.50	6.18	7.42	16.11	ppb
Calcium	44-1	6.52	6.73	6.90	6.72	2.85	ppb
Chromium	52-2	0.26	0.27	0.27	0.26	2.40	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.44	0.46	0.43	0.45	3.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				110		%
Iron	56-2	1.70	1.73	1.70	1.71	0.77	ppb
Iron	57-2	1.12	1.00	2.03	1.38	40.70	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.13	0.12	0.12	5.97	ppb
Lead	207-1	0.12	0.12	0.10	0.11	7.96	ppb
Lead	208-1	0.12	0.12	0.10	0.11	8.74	ppb
Lithium	6-1				119		%
Magnesium	24-2	1.23	1.77	1.53	1.51	17.95	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6347-02DUPDLX5 Instrumnet Name : P7
 Client Sample ID : P001-RB-181210DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 16:01:52 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.15	0.14	0.14	0.15	5.29	ppb
Molybdenum	94-1	0.01	0.01	0.00	0.00	166.67	ppb
Molybdenum	95-1	0.02	0.01	0.00	0.01	73.19	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.01	47.60	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	96.09	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	18.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.05	0.04	27.68	ppb
Phosphorus	31-2	-18.12	-14.96	-12.04	-15.04		ppb
Potassium	39-2	24.46	29.02	25.80	26.43	8.87	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				116		%
Scandium	45-2				116		%
Selenium	77-2	0.86	0.57	0.57	0.67	25.30	ppb
Selenium	78-2	0.02	0.25	-0.09	0.06	285.73	ppb
Selenium	82-1	-0.25	0.28	0.34	0.12	261.49	ppb
Silicon	28-1	2.09	4.38	1.86	2.78	50.28	ppb
Silver	109-1	0.24	0.27	0.24	0.25	6.42	ppb
Silver	107-1	0.23	0.25	0.27	0.25	9.39	ppb
Sodium	23-2	84.63	84.50	85.58	84.90	0.69	ppb
Strontium	86-1	0.05	0.06	0.06	0.06	11.57	ppb
Strontium	88-1	0.04	0.03	0.03	0.04	12.62	ppb
Sulfur	34-1	-156.25	-130.69	-117.58	-134.84		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.05	0.06	0.06	0.06	11.72	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	5.27	ppb
Thorium	232-1	0.01	0.00	0.00	0.00	15.48	ppb
Tin	118-1	0.53	0.60	0.57	0.57	6.09	ppb
Titanium	47-1	0.06	0.09	0.05	0.07	26.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.04	0.04	0.04	5.18	ppb
Yttrium	89-1				113		%
Yttrium	89-2				113		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6347-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181210DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 16:01:52	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.15	0.15	0.15	0.15	1.32	ppb
Zirconium	90-1	0.01	0.01	0.00	0.00	81.26	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	96.13	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:09:02	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51846.54	51702.85	52926.45	52158.61	1.28	ppb
Antimony	121-1	473.12	483.65	484.51	480.43	1.32	ppb
Arsenic	75-2	465.67	466.47	466.06	466.07	0.09	ppb
Barium	135-1	2488.74	2503.59	2505.54	2499.29	0.37	ppb
Barium	137-1	2504.62	2507.92	2498.83	2503.79	0.18	ppb
Beryllium	9-1	488.98	491.25	488.73	489.65	0.28	ppb
Bismuth	209-1				84		%
Bismuth	209-2				81		%
Boron	10-1	459.26	470.59	478.88	469.58	2.10	ppb
Boron	11-1	455.77	465.09	475.12	465.33	2.08	ppb
Cadmium	111-1	492.29	500.53	503.46	498.76	1.16	ppb
Cadmium	106-1	505.09	519.20	507.33	510.54	1.49	ppb
Cadmium	108-1	500.99	512.64	507.36	507.00	1.15	ppb
Calcium	43-1	237162.21	237606.34	238626.63	237798.39	0.32	ppb
Calcium	44-1	237091.45	236740.26	236292.20	236707.97	0.17	ppb
Chromium	52-2	503.09	500.78	511.82	505.23	1.15	ppb
Cobalt	59-2	476.16	474.89	481.09	477.38	0.69	ppb
Copper	63-2	972.90	971.52	990.14	978.19	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				97		%
Holmium	165-2				95		%
Indium	115-1				84		%
Indium	115-2				88		%
Iron	56-2	125823.68	124925.32	127079.11	125942.70	0.86	ppb
Iron	57-2	125632.43	124986.09	127346.16	125988.23	0.97	ppb
Krypton	83-1						cps
Lead	206-1	519.72	521.21	525.27	522.07	0.55	ppb
Lead	207-1	518.39	521.27	521.44	520.37	0.33	ppb
Lead	208-1	519.94	520.86	519.72	520.17	0.12	ppb
Lithium	6-1				93		%
Magnesium	24-2	258388.71	257090.57	261801.39	259093.56	0.94	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:09:02	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	983.42	973.22	994.19	983.61	1.07	ppb
Molybdenum	94-1	2531.27	2528.54	2528.36	2529.39	0.06	ppb
Molybdenum	95-1	2519.30	2541.39	2506.58	2522.42	0.70	ppb
Molybdenum	96-1	2529.83	2544.36	2521.01	2531.73	0.47	ppb
Molybdenum	97-1	2533.25	2525.93	2519.44	2526.21	0.27	ppb
Molybdenum	98-1	2527.38	2545.19	2528.55	2533.70	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.74	473.71	480.64	475.36	0.98	ppb
Phosphorus	31-2	9709.62	9751.02	9692.11	9717.58	0.31	ppb
Potassium	39-2	123092.24	122308.49	124633.75	123344.83	0.96	ppb
Rhodium	103-1				77		%
Rhodium	103-2				80		%
Scandium	45-1				88		%
Scandium	45-2				94		%
Selenium	77-2	508.50	505.04	495.57	503.04	1.33	ppb
Selenium	78-2	501.91	491.98	495.06	496.32	1.02	ppb
Selenium	82-1	485.41	495.37	488.82	489.87	1.03	ppb
Silicon	28-1	552.55	560.99	562.72	558.75	0.97	ppb
Silver	109-1	477.66	481.91	481.34	480.30	0.48	ppb
Silver	107-1	480.39	482.44	483.60	482.14	0.34	ppb
Sodium	23-2	237299.43	237964.97	241180.46	238814.95	0.87	ppb
Strontium	86-1	500.87	510.50	511.71	507.70	1.17	ppb
Strontium	88-1	502.63	507.67	507.20	505.83	0.55	ppb
Sulfur	34-1	10066.53	9983.58	9918.38	9989.50	0.74	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	525.09	521.34	524.83	523.75	0.40	ppb
Thallium	205-1	530.76	524.96	525.41	527.04	0.61	ppb
Thorium	232-1	530.84	530.92	529.14	530.30	0.19	ppb
Tin	118-1	490.74	498.08	500.70	496.51	1.04	ppb
Titanium	47-1	2557.63	2569.11	2563.17	2563.31	0.22	ppb
Uranium	238-1	528.96	524.07	523.70	525.58	0.56	ppb
Vanadium	51-2	498.02	497.65	503.91	499.86	0.70	ppb
Yttrium	89-1				88		%
Yttrium	89-2				92		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:09:02	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	895.14	907.98	916.02	906.38	1.16	ppb
Zirconium	90-1	509.01	510.13	507.41	508.85	0.27	ppb
Zirconium	91-1	501.98	513.57	510.11	508.55	1.17	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:12:42	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.57	0.08	0.06	0.24	123.24	ppb
Antimony	121-1	0.19	0.17	0.22	0.19	14.90	ppb
Arsenic	75-2	0.03	0.02	0.02	0.02	44.36	ppb
Barium	135-1	0.10	0.03	0.04	0.05	71.04	ppb
Barium	137-1	0.05	0.04	0.04	0.04	11.24	ppb
Beryllium	9-1	0.04	0.03	0.06	0.04	30.50	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	16.87	15.60	15.69	16.05	4.42	ppb
Boron	11-1	16.54	15.10	14.95	15.53	5.64	ppb
Cadmium	111-1	-0.12	-0.09	-0.10	-0.10		ppb
Cadmium	106-1	-2.14	-1.70	-1.70	-1.84		ppb
Cadmium	108-1	0.04	0.01	0.05	0.03	67.61	ppb
Calcium	43-1	1.94	0.61	0.41	0.99	83.91	ppb
Calcium	44-1	3.27	1.79	2.06	2.37	33.08	ppb
Chromium	52-2	0.05	0.06	0.03	0.04	37.09	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.07	0.07	0.07	4.01	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				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	1.69	1.38	1.41	1.50	11.27	ppb
Iron	57-2	1.80	1.49	1.76	1.68	9.87	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.04	0.04	14.85	ppb
Lead	207-1	0.04	0.04	0.05	0.05	8.17	ppb
Lead	208-1	0.05	0.03	0.04	0.04	21.35	ppb
Lithium	6-1				104		%
Magnesium	24-2	3.03	3.46	2.85	3.11	10.00	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:12:42	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.01	0.01	41.72	ppb
Molybdenum	94-1	0.39	0.27	0.35	0.34	17.45	ppb
Molybdenum	95-1	0.47	0.40	0.40	0.43	9.52	ppb
Molybdenum	96-1	0.45	0.41	0.41	0.42	5.40	ppb
Molybdenum	97-1	0.51	0.37	0.43	0.44	16.31	ppb
Molybdenum	98-1	0.47	0.41	0.40	0.42	9.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.00	0.01	43.71	ppb
Phosphorus	31-2	-20.04	-22.69	-25.32	-22.69		ppb
Potassium	39-2	4.42	4.99	4.22	4.54	8.80	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.26	0.65	0.67	0.35	152.08	ppb
Selenium	82-1	0.22	0.23	0.18	0.21	12.68	ppb
Silicon	28-1	-1.04	-1.01	0.57	-0.49		ppb
Silver	109-1	0.04	0.05	0.04	0.04	16.38	ppb
Silver	107-1	0.04	0.05	0.05	0.05	15.72	ppb
Sodium	23-2	19.69	17.26	15.70	17.55	11.46	ppb
Strontium	86-1	0.02	0.02	0.04	0.03	47.06	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	30.76	ppb
Sulfur	34-1	-314.86	-353.47	-119.49	-262.60		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.07	0.07	0.08	20.97	ppb
Thallium	205-1	0.09	0.07	0.07	0.07	12.03	ppb
Thorium	232-1	0.08	0.07	0.08	0.08	5.89	ppb
Tin	118-1	0.09	0.08	0.09	0.09	10.47	ppb
Titanium	47-1	0.02	0.05	0.06	0.04	51.16	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	26.53	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	54.08	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:12:42	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.18	-0.18	-0.11	-0.16		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	8.53	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	43.39	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6347-02	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181210	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:16:17	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.96	2.57	3.41	3.31	21.12	ppb
Antimony	121-1	0.03	0.04	0.02	0.03	26.37	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00		ppb
Barium	135-1	0.17	0.16	0.15	0.16	6.69	ppb
Barium	137-1	0.20	0.22	0.19	0.20	9.85	ppb
Beryllium	9-1	0.02	0.01	0.01	0.02	38.54	ppb
Bismuth	209-1				121		%
Bismuth	209-2				117		%
Boron	10-1	6.54	6.40	6.57	6.50	1.40	ppb
Boron	11-1	5.93	6.11	5.84	5.96	2.28	ppb
Cadmium	111-1	-0.04	-0.05	-0.07	-0.05		ppb
Cadmium	106-1	-0.67	-0.76	-1.27	-0.90		ppb
Cadmium	108-1	0.03	0.10	-0.03	0.03	190.76	ppb
Calcium	43-1	10.74	9.27	9.29	9.76	8.62	ppb
Calcium	44-1	10.50	10.35	9.87	10.24	3.24	ppb
Chromium	52-2	-0.11	-0.10	-0.09	-0.10		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.42	0.36	0.41	0.40	8.55	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				120		%
Holmium	165-2				114		%
Indium	115-1				117		%
Indium	115-2				116		%
Iron	56-2	2.46	3.46	2.98	2.97	16.88	ppb
Iron	57-2	2.25	3.82	2.54	2.87	29.19	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.11	0.09	0.10	7.65	ppb
Lead	207-1	0.10	0.11	0.09	0.10	9.19	ppb
Lead	208-1	0.09	0.09	0.09	0.09	2.95	ppb
Lithium	6-1				123		%
Magnesium	24-2	8.16	6.29	5.56	6.67	20.14	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6347-02	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181210	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:16:17	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.15	0.14	0.17	0.15	12.16	ppb
Molybdenum	94-1	0.08	0.07	0.09	0.08	11.46	ppb
Molybdenum	95-1	0.08	0.06	0.08	0.07	16.79	ppb
Molybdenum	96-1	0.09	0.06	0.06	0.07	21.63	ppb
Molybdenum	97-1	0.05	0.07	0.06	0.06	12.95	ppb
Molybdenum	98-1	0.09	0.08	0.07	0.08	13.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.03	0.04	0.02	87.93	ppb
Phosphorus	31-2	-17.05	-11.22	-13.86	-14.04		ppb
Potassium	39-2	4.59	3.89	5.21	4.56	14.57	ppb
Rhodium	103-1				116		%
Rhodium	103-2				114		%
Scandium	45-1				118		%
Scandium	45-2				116		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.16	0.34	0.05	0.18	79.91	ppb
Selenium	82-1	-0.11	0.21	0.07	0.06	275.01	ppb
Silicon	28-1	-2.54	-3.22	1.66	-1.37		ppb
Silver	109-1	0.01	0.02	0.02	0.02	28.65	ppb
Silver	107-1	0.03	0.02	0.02	0.02	11.24	ppb
Sodium	23-2	63.33	63.22	62.99	63.18	0.27	ppb
Strontium	86-1	0.08	0.06	0.06	0.07	19.74	ppb
Strontium	88-1	0.07	0.08	0.08	0.07	7.95	ppb
Sulfur	34-1	-511.06	-516.76	-483.36	-503.73		ppb
Terbium	159-1				119		%
Terbium	159-2				115		%
Thallium	203-1	0.03	0.04	0.03	0.03	15.82	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	4.98	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	4.28	ppb
Tin	118-1	0.01	0.01	0.00	0.01	89.64	ppb
Titanium	47-1	0.07	0.05	0.03	0.05	41.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	85.80	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	39.60	ppb
Yttrium	89-1				118		%
Yttrium	89-2				116		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6347-02	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181210	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:16:17	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.66	0.69	0.66	0.67	2.18	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	12.16	ppb
Zirconium	91-1	0.04	0.04	0.01	0.03	59.32	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6377-08RE	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181211RE	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:19:51	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.82	0.57	0.67	0.68	18.15	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	26.24	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	124.87	ppb
Barium	135-1	0.10	0.10	0.09	0.09	6.29	ppb
Barium	137-1	0.10	0.10	0.11	0.10	3.11	ppb
Beryllium	9-1	0.00	0.03	0.01	0.01	94.10	ppb
Bismuth	209-1				127		%
Bismuth	209-2				122		%
Boron	10-1	3.58	3.18	3.35	3.37	6.06	ppb
Boron	11-1	3.60	3.56	3.58	3.58	0.53	ppb
Cadmium	111-1	-0.07	-0.09	-0.06	-0.07		ppb
Cadmium	106-1	-1.00	-1.32	-0.93	-1.09		ppb
Cadmium	108-1	-0.03	-0.03	0.00	-0.02		ppb
Calcium	43-1	23.26	27.09	25.63	25.33	7.63	ppb
Calcium	44-1	24.39	23.38	24.74	24.17	2.91	ppb
Chromium	52-2	-0.16	-0.16	-0.16	-0.16		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.58	0.55	0.58	0.57	3.24	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				127		%
Holmium	165-2				118		%
Indium	115-1				124		%
Indium	115-2				121		%
Iron	56-2	0.73	0.73	0.79	0.75	4.53	ppb
Iron	57-2	0.57	0.32	1.18	0.69	63.96	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.11	0.11	6.44	ppb
Lead	207-1	0.11	0.11	0.12	0.11	6.28	ppb
Lead	208-1	0.11	0.11	0.11	0.11	0.76	ppb
Lithium	6-1				132		%
Magnesium	24-2	6.84	7.10	6.65	6.86	3.33	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6377-08RE	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181211RE	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:19:51	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.02	0.04	0.03	36.76	ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	7.05	ppb
Molybdenum	95-1	0.03	0.05	0.03	0.04	35.93	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	10.21	ppb
Molybdenum	97-1	0.01	0.00	0.02	0.01	81.12	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	24.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00		ppb
Phosphorus	31-2	-23.89	-24.87	-22.96	-23.91		ppb
Potassium	39-2	0.76	-1.63	0.52	-0.12		ppb
Rhodium	103-1				124		%
Rhodium	103-2				120		%
Scandium	45-1				128		%
Scandium	45-2				124		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.24	0.46	-0.07	0.21	126.04	ppb
Selenium	82-1	-0.14	0.19	-0.05	0.00	6703.23	ppb
Silicon	28-1	-7.23	-6.83	-6.49	-6.85		ppb
Silver	109-1	0.01	0.01	0.01	0.01	31.55	ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.85	ppb
Sodium	23-2	29.40	29.05	28.92	29.13	0.85	ppb
Strontium	86-1	0.11	0.10	0.08	0.09	15.26	ppb
Strontium	88-1	0.10	0.10	0.11	0.10	5.42	ppb
Sulfur	34-1	-715.62	-665.93	-604.83	-662.13		ppb
Terbium	159-1				126		%
Terbium	159-2				119		%
Thallium	203-1	0.02	0.01	0.02	0.02	14.84	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	20.76	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	5.45	ppb
Tin	118-1	-0.01	-0.02	-0.02	-0.02		ppb
Titanium	47-1	0.01	0.02	0.02	0.02	33.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	62.65	ppb
Yttrium	89-1				126		%
Yttrium	89-2				121		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6377-08RE	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181211RE	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:19:51	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.80	0.71	0.76	0.76	5.93	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	32.85	ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	102.88	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6377-08	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181211	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:23:56	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	-0.03	-0.30	-0.15		ppb
Antimony	121-1	0.02	0.02	0.03	0.02	14.00	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.02	0.00	-0.01	0.00	436.54	ppb
Barium	137-1	0.02	0.01	0.00	0.01	162.97	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	7.83	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Boron	10-1	3.08	3.01	2.94	3.01	2.32	ppb
Boron	11-1	3.09	3.12	2.91	3.04	3.88	ppb
Cadmium	111-1	-0.06	-0.07	-0.07	-0.07		ppb
Cadmium	106-1	-0.95	-1.08	-1.00	-1.01		ppb
Cadmium	108-1	-0.02	0.01	-0.02	-0.01		ppb
Calcium	43-1	-0.34	-0.22	-0.07	-0.21		ppb
Calcium	44-1	-0.15	-0.66	-0.60	-0.47		ppb
Chromium	52-2	0.06	0.09	0.03	0.06	45.18	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	1117.48	ppb
Copper	63-2	0.04	0.03	0.03	0.03	21.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	56-2	-0.13	-0.11	-0.09	-0.11		ppb
Iron	57-2	-0.49	0.12	-0.35	-0.24		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.00	0.01	116.01	ppb
Lead	207-1	0.00	-0.01	0.01	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00	92.82	ppb
Lithium	6-1				115		%
Magnesium	24-2	0.07	0.10	-0.19	0.00		ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6377-08	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181211	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:23:56	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	94-1	0.05	0.02	0.01	0.03	77.15	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	33.24	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	20.22	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	22.77	ppb
Molybdenum	98-1	0.04	0.01	0.03	0.03	48.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-22.91	-17.66	-22.87	-21.15		ppb
Potassium	39-2	1.01	0.50	1.07	0.86	36.22	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.48	0.04	0.31	0.28	80.19	ppb
Selenium	82-1	0.35	0.18	-0.19	0.11	250.17	ppb
Silicon	28-1	-1.43	-2.18	-2.00	-1.87		ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.85	ppb
Silver	107-1	0.01	0.02	0.01	0.01	20.34	ppb
Sodium	23-2	3.23	2.73	3.28	3.08	9.78	ppb
Strontium	86-1	0.02	0.01	0.02	0.02	27.49	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-88.37	-42.91	-111.07	-80.78		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	0.01	0.01	6.32	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	64.53	ppb
Thorium	232-1	0.02	0.02	0.01	0.02	8.27	ppb
Tin	118-1	0.01	0.00	0.00	0.00	143.72	ppb
Titanium	47-1	-0.02	0.00	0.04	0.01	298.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1134.45	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6377-08	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181211	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:23:56	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.22	-0.30	-0.27	-0.26		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	51.74	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	59.67	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : PB115814BL Instrumnet Name : P7
 Client Sample ID : PB115814BL Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 16:27:30 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.30	-0.09	-0.19		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	14.21	ppb
Arsenic	75-2	0.00	-0.02	-0.01	-0.01		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.03	0.00	0.01	0.02	84.28	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Boron	10-1	2.61	2.51	2.52	2.55	2.18	ppb
Boron	11-1	2.43	2.18	2.45	2.35	6.30	ppb
Cadmium	111-1	-0.03	-0.01	-0.11	-0.05		ppb
Cadmium	106-1	-0.55	-0.18	-1.49	-0.74		ppb
Cadmium	108-1	-0.02	0.03	-0.04	-0.01		ppb
Calcium	43-1	-1.54	-0.12	0.18	-0.50		ppb
Calcium	44-1	-0.79	-0.57	-0.76	-0.71		ppb
Chromium	52-2	0.01	0.03	0.04	0.03	53.38	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	430.01	ppb
Copper	63-2	0.03	0.02	0.03	0.03	18.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				111		%
Iron	56-2	-0.05	-0.13	-0.07	-0.08		ppb
Iron	57-2	-0.64	-0.32	-0.19	-0.38		ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	1257.41	ppb
Lead	207-1	0.00	0.00	0.00	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				117		%
Magnesium	24-2	0.06	-0.01	0.31	0.12	138.68	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : PB115814BL Instrumnet Name : P7
 Client Sample ID : PB115814BL Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 16:27:30 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.01	-0.02	-0.02		ppb
Molybdenum	94-1	0.01	0.00	0.01	0.01	89.10	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	52.31	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.01	33.56	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.01	42.13	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	21.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	98.88	ppb
Phosphorus	31-2	-15.92	-17.02	-20.12	-17.69		ppb
Potassium	39-2	1.09	2.70	0.12	1.30	100.35	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				116		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.17	-0.16	0.16	0.05	356.97	ppb
Selenium	82-1	0.06	-0.01	0.18	0.08	123.69	ppb
Silicon	28-1	-1.85	-2.01	-1.92	-1.93		ppb
Silver	109-1	0.01	0.01	0.02	0.01	46.11	ppb
Silver	107-1	0.00	0.01	0.01	0.01	40.74	ppb
Sodium	23-2	1.44	2.20	1.73	1.79	21.59	ppb
Strontium	86-1	0.03	0.00	0.05	0.02	87.58	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-81.55	-89.66	-93.23	-88.15		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.01	0.01	0.01	53.21	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	10.10	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	8.13	ppb
Tin	118-1	0.00	-0.01	0.00	-0.01		ppb
Titanium	47-1	-0.01	0.00	0.00	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	206.11	ppb
Yttrium	89-1				111		%
Yttrium	89-2				112		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	PB115814BL	Instrumnet Name :	P7
Client Sample ID :	PB115814BL	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:27:30	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.29	-0.31	-0.24	-0.28		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	58.42	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	52.60	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	PB115814BS	Instrumnet Name :	P7
Client Sample ID :	PB115814BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:31:04	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9593.73	9589.71	9677.93	9620.46	0.52	ppb
Antimony	121-1	497.97	499.57	506.18	501.24	0.87	ppb
Arsenic	75-2	498.14	500.06	510.74	502.98	1.35	ppb
Barium	135-1	2439.69	2442.20	2456.56	2446.15	0.37	ppb
Barium	137-1	2447.08	2427.88	2453.47	2442.81	0.55	ppb
Beryllium	9-1	491.77	494.95	494.91	493.88	0.37	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	442.03	463.10	473.68	459.60	3.50	ppb
Boron	11-1	443.89	463.08	470.56	459.17	3.00	ppb
Cadmium	111-1	466.02	470.20	469.13	468.45	0.46	ppb
Cadmium	106-1	487.41	482.25	476.51	482.06	1.13	ppb
Cadmium	108-1	478.47	475.63	476.99	477.03	0.30	ppb
Calcium	43-1	46648.02	47369.36	47380.27	47132.55	0.89	ppb
Calcium	44-1	46032.70	46558.73	46663.40	46418.28	0.73	ppb
Chromium	52-2	487.65	489.20	495.23	490.69	0.82	ppb
Cobalt	59-2	494.58	490.55	495.88	493.67	0.56	ppb
Copper	63-2	995.71	994.96	1006.86	999.18	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	25773.42	25857.09	25993.50	25874.67	0.43	ppb
Iron	57-2	25830.65	25985.87	26164.84	25993.78	0.64	ppb
Krypton	83-1						cps
Lead	206-1	476.99	479.02	484.56	480.19	0.82	ppb
Lead	207-1	469.00	478.99	479.78	475.92	1.26	ppb
Lead	208-1	472.74	476.59	478.71	476.01	0.64	ppb
Lithium	6-1				104		%
Magnesium	24-2	52035.86	51613.69	52325.78	51991.78	0.69	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	PB115814BS	Instrumnet Name :	P7
Client Sample ID :	PB115814BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:31:04	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	981.61	981.70	993.39	985.57	0.69	ppb
Molybdenum	94-1	2415.85	2409.73	2406.78	2410.79	0.19	ppb
Molybdenum	95-1	2415.03	2404.92	2408.14	2409.36	0.21	ppb
Molybdenum	96-1	2415.91	2408.76	2401.43	2408.70	0.30	ppb
Molybdenum	97-1	2400.51	2404.76	2404.62	2403.30	0.10	ppb
Molybdenum	98-1	2412.39	2415.59	2418.48	2415.48	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.29	494.95	500.02	497.75	0.52	ppb
Phosphorus	31-2	10065.18	10231.90	10126.22	10141.10	0.83	ppb
Potassium	39-2	24010.33	23964.94	24012.83	23996.03	0.11	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	524.41	513.10	534.13	523.88	2.01	ppb
Selenium	78-2	505.54	504.83	515.66	508.67	1.19	ppb
Selenium	82-1	504.67	507.53	511.62	507.94	0.69	ppb
Silicon	28-1	583.02	592.70	602.15	592.62	1.61	ppb
Silver	109-1	495.01	490.97	491.41	492.47	0.45	ppb
Silver	107-1	500.85	491.45	491.25	494.52	1.11	ppb
Sodium	23-2	47792.91	47762.34	47808.54	47787.93	0.05	ppb
Strontium	86-1	482.54	484.20	492.31	486.35	1.07	ppb
Strontium	88-1	482.42	482.80	484.02	483.08	0.17	ppb
Sulfur	34-1	9829.45	9833.24	9853.27	9838.66	0.13	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	479.67	478.98	476.01	478.22	0.41	ppb
Thallium	205-1	481.09	477.50	479.46	479.35	0.38	ppb
Thorium	232-1	454.32	456.23	456.17	455.57	0.24	ppb
Tin	118-1	498.31	497.20	503.07	499.52	0.62	ppb
Titanium	47-1	2428.89	2448.04	2442.09	2439.67	0.40	ppb
Uranium	238-1	453.42	450.61	453.58	452.54	0.37	ppb
Vanadium	51-2	482.98	485.78	492.35	487.03	0.99	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	PB115814BS	Instrumnet Name :	P7
Client Sample ID :	PB115814BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:31:04	DataFile Name :	038LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	877.46	883.69	899.32	886.82	1.27	ppb
Zirconium	90-1	483.86	481.36	479.63	481.61	0.44	ppb
Zirconium	91-1	480.26	486.06	485.26	483.86	0.65	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-01	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:34:39	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88012.28	87122.86	85682.57	86939.24	1.35	ppb
Antimony	121-1	0.63	0.62	0.58	0.61	4.12	ppb
Arsenic	75-2	23.52	23.96	24.16	23.88	1.39	ppb
Barium	135-1	2433.00	2483.88	2372.15	2429.68	2.30	ppb
Barium	137-1	2441.65	2487.27	2359.66	2429.53	2.66	ppb
Beryllium	9-1	4.60	4.49	4.50	4.53	1.35	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	28.11	27.09	23.70	26.30	8.77	ppb
Boron	11-1	28.49	26.16	23.01	25.88	10.63	ppb
Cadmium	111-1	3.44	3.41	3.24	3.36	3.18	ppb
Cadmium	106-1	10.47	8.79	8.23	9.16	12.72	ppb
Cadmium	108-1	4.69	4.89	4.75	4.78	2.20	ppb
Calcium	43-1	8741.20	8806.07	8506.18	8684.48	1.82	ppb
Calcium	44-1	8620.95	8647.79	8376.12	8548.29	1.75	ppb
Chromium	52-2	94.93	94.23	93.60	94.25	0.71	ppb
Cobalt	59-2	47.88	47.77	47.28	47.64	0.68	ppb
Copper	63-2	229.61	228.34	226.20	228.05	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				110		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	152280.02	150690.38	149322.11	150764.17	0.98	ppb
Iron	57-2	151071.70	148977.30	147375.57	149141.52	1.24	ppb
Krypton	83-1						cps
Lead	206-1	262.30	269.66	257.88	263.28	2.26	ppb
Lead	207-1	243.93	248.49	236.34	242.92	2.53	ppb
Lead	208-1	252.09	255.96	245.88	251.31	2.02	ppb
Lithium	6-1				109		%
Magnesium	24-2	22584.21	22333.93	22070.34	22329.49	1.15	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-01	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:34:39	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6064.67	6016.87	5945.34	6008.96	1.00	ppb
Molybdenum	94-1	31.28	31.10	30.61	31.00	1.11	ppb
Molybdenum	95-1	4.42	4.27	4.12	4.27	3.53	ppb
Molybdenum	96-1	8.96	8.65	8.58	8.73	2.32	ppb
Molybdenum	97-1	4.25	4.16	3.97	4.13	3.53	ppb
Molybdenum	98-1	4.23	4.16	4.02	4.14	2.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.04	111.06	110.14	111.08	0.85	ppb
Phosphorus	31-2	5380.03	5458.15	5346.46	5394.88	1.06	ppb
Potassium	39-2	5305.75	5319.27	5203.52	5276.18	1.20	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				114		%
Scandium	45-2				115		%
Selenium	77-2	61.84	52.97	53.74	56.18	8.75	ppb
Selenium	78-2	16.54	16.96	17.32	16.94	2.31	ppb
Selenium	82-1	7.64	7.59	7.51	7.58	0.86	ppb
Silicon	28-1	1024.20	1017.84	1002.51	1014.85	1.10	ppb
Silver	109-1	0.48	0.51	0.49	0.49	2.94	ppb
Silver	107-1	0.51	0.49	0.50	0.50	2.49	ppb
Sodium	23-2	288.08	287.01	281.99	285.69	1.14	ppb
Strontium	86-1	87.90	89.39	85.90	87.73	1.99	ppb
Strontium	88-1	88.02	89.93	86.41	88.12	2.00	ppb
Sulfur	34-1	9536.20	9488.67	9162.48	9395.79	2.17	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.66	0.64	0.60	0.63	4.47	ppb
Thallium	205-1	0.63	0.64	0.62	0.63	1.75	ppb
Thorium	232-1	22.61	23.11	22.04	22.59	2.37	ppb
Tin	118-1	0.94	0.90	0.86	0.90	4.68	ppb
Titanium	47-1	193.44	197.21	188.71	193.12	2.21	ppb
Uranium	238-1	4.37	4.44	4.23	4.35	2.47	ppb
Vanadium	51-2	119.62	118.17	117.33	118.37	0.98	ppb
Yttrium	89-1				131		%
Yttrium	89-2				133		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-01	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:34:39	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	304.33	303.38	298.48	302.06	1.04	ppb
Zirconium	90-1	18.11	18.37	17.82	18.10	1.51	ppb
Zirconium	91-1	18.06	18.32	17.76	18.05	1.55	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-02	Instrumnet Name :	P7
Client Sample ID :	P001-SS025-1218-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:38:16	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97796.66	97343.67	98891.10	98010.48	0.81	ppb
Antimony	121-1	0.29	0.30	0.29	0.29	1.81	ppb
Arsenic	75-2	32.67	33.27	33.51	33.15	1.30	ppb
Barium	135-1	2144.07	2156.07	2151.36	2150.50	0.28	ppb
Barium	137-1	2142.50	2133.36	2162.00	2145.95	0.68	ppb
Beryllium	9-1	4.85	4.77	4.83	4.82	0.81	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	13.03	12.29	12.43	12.58	3.11	ppb
Boron	11-1	12.64	12.37	11.96	12.32	2.77	ppb
Cadmium	111-1	1.92	1.84	1.93	1.90	2.54	ppb
Cadmium	106-1	6.72	5.98	6.21	6.30	6.03	ppb
Cadmium	108-1	3.29	3.85	3.22	3.46	10.06	ppb
Calcium	43-1	32071.26	32240.77	31878.44	32063.49	0.57	ppb
Calcium	44-1	31817.41	31820.59	31711.99	31783.33	0.19	ppb
Chromium	52-2	102.16	101.96	102.52	102.21	0.27	ppb
Cobalt	59-2	62.91	62.52	63.46	62.96	0.74	ppb
Copper	63-2	175.40	176.06	176.67	176.04	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	159022.63	158543.13	158498.47	158688.08	0.18	ppb
Iron	57-2	157024.41	156318.67	157340.13	156894.40	0.33	ppb
Krypton	83-1						cps
Lead	206-1	290.79	293.17	291.78	291.91	0.41	ppb
Lead	207-1	266.64	270.53	268.98	268.72	0.73	ppb
Lead	208-1	279.18	281.56	279.83	280.19	0.44	ppb
Lithium	6-1				112		%
Magnesium	24-2	28014.30	27753.15	28103.54	27957.00	0.65	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-02	Instrumnet Name :	P7
Client Sample ID :	P001-SS025-1218-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:38:16	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6742.40	6730.46	6762.41	6745.09	0.24	ppb
Molybdenum	94-1	29.15	28.84	28.82	28.94	0.63	ppb
Molybdenum	95-1	3.89	4.05	3.84	3.92	2.82	ppb
Molybdenum	96-1	8.28	8.13	8.10	8.17	1.17	ppb
Molybdenum	97-1	3.96	3.90	3.72	3.86	3.34	ppb
Molybdenum	98-1	3.90	3.83	3.83	3.86	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.26	126.69	126.92	126.96	0.22	ppb
Phosphorus	31-2	3696.29	3618.21	3732.37	3682.29	1.58	ppb
Potassium	39-2	4374.41	4341.53	4430.53	4382.15	1.03	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	77-2	51.10	48.59	53.22	50.97	4.55	ppb
Selenium	78-2	15.64	14.03	15.57	15.08	6.04	ppb
Selenium	82-1	6.06	6.26	5.75	6.02	4.21	ppb
Silicon	28-1	1522.94	1522.12	1518.33	1521.13	0.16	ppb
Silver	109-1	0.61	0.63	0.59	0.61	3.35	ppb
Silver	107-1	0.61	0.64	0.62	0.63	1.95	ppb
Sodium	23-2	788.85	786.26	790.31	788.47	0.26	ppb
Strontium	86-1	243.53	240.58	242.77	242.29	0.63	ppb
Strontium	88-1	241.03	240.14	242.15	241.11	0.42	ppb
Sulfur	34-1	7491.10	7384.02	7323.17	7399.43	1.15	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.82	0.78	0.85	0.81	4.02	ppb
Thallium	205-1	0.79	0.82	0.82	0.81	2.27	ppb
Thorium	232-1	18.74	18.93	18.93	18.87	0.57	ppb
Tin	118-1	1.14	1.10	1.14	1.13	2.05	ppb
Titanium	47-1	88.75	88.90	87.25	88.30	1.03	ppb
Uranium	238-1	3.70	3.69	3.69	3.69	0.13	ppb
Vanadium	51-2	135.41	133.70	136.21	135.11	0.95	ppb
Yttrium	89-1				134		%
Yttrium	89-2				132		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-02	Instrumnet Name :	P7
Client Sample ID :	P001-SS025-1218-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:38:16	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	305.60	304.12	307.26	305.66	0.51	ppb
Zirconium	90-1	17.10	17.02	16.93	17.02	0.51	ppb
Zirconium	91-1	17.22	17.18	17.01	17.14	0.65	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-03	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:41:53	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101072.84	96924.63	91107.07	96368.18	5.19	ppb
Antimony	121-1	0.42	0.38	0.41	0.40	4.15	ppb
Arsenic	75-2	35.39	33.39	32.97	33.92	3.82	ppb
Barium	135-1	1839.02	1821.00	1829.53	1829.85	0.49	ppb
Barium	137-1	1844.25	1831.22	1834.03	1836.50	0.37	ppb
Beryllium	9-1	4.95	5.15	5.10	5.07	1.99	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	11.32	11.82	11.05	11.40	3.45	ppb
Boron	11-1	11.39	11.22	11.28	11.30	0.79	ppb
Cadmium	111-1	1.88	1.80	1.98	1.88	4.89	ppb
Cadmium	106-1	7.10	6.40	8.68	7.40	15.81	ppb
Cadmium	108-1	4.02	4.26	4.60	4.29	6.71	ppb
Calcium	43-1	33110.51	33060.80	33250.80	33140.70	0.30	ppb
Calcium	44-1	33055.07	33127.75	33322.09	33168.30	0.42	ppb
Chromium	52-2	102.95	97.95	92.39	97.76	5.40	ppb
Cobalt	59-2	72.54	68.90	64.67	68.70	5.74	ppb
Copper	63-2	194.74	185.08	175.13	184.98	5.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				113		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	56-2	158898.11	152045.29	142375.90	151106.43	5.49	ppb
Iron	57-2	157574.30	148962.70	141441.35	149326.12	5.41	ppb
Krypton	83-1						cps
Lead	206-1	284.90	282.40	286.01	284.44	0.65	ppb
Lead	207-1	262.60	260.18	262.59	261.79	0.53	ppb
Lead	208-1	274.61	270.55	273.30	272.82	0.76	ppb
Lithium	6-1				112		%
Magnesium	24-2	27227.44	25828.55	24303.44	25786.48	5.67	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-03	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:41:53	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4900.42	4678.92	4412.11	4663.82	5.24	ppb
Molybdenum	94-1	37.00	36.43	36.92	36.78	0.84	ppb
Molybdenum	95-1	4.50	4.45	4.52	4.49	0.81	ppb
Molybdenum	96-1	9.61	9.62	9.42	9.55	1.18	ppb
Molybdenum	97-1	4.40	4.45	4.37	4.41	0.92	ppb
Molybdenum	98-1	4.32	4.38	4.41	4.37	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.46	126.31	120.13	126.63	5.27	ppb
Phosphorus	31-2	4669.94	4356.27	4308.70	4444.97	4.42	ppb
Potassium	39-2	4280.39	4083.86	3840.59	4068.28	5.42	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				115		%
Scandium	45-2				119		%
Selenium	77-2	47.93	55.65	46.53	50.04	9.81	ppb
Selenium	78-2	14.45	14.35	15.28	14.69	3.48	ppb
Selenium	82-1	6.45	6.43	6.09	6.32	3.23	ppb
Silicon	28-1	5194.36	5174.10	5234.58	5201.01	0.59	ppb
Silver	109-1	0.46	0.45	0.48	0.46	3.18	ppb
Silver	107-1	0.49	0.45	0.47	0.47	3.94	ppb
Sodium	23-2	804.06	767.28	720.93	764.09	5.45	ppb
Strontium	86-1	218.76	217.67	220.14	218.86	0.56	ppb
Strontium	88-1	219.90	218.66	219.72	219.43	0.30	ppb
Sulfur	34-1	6816.04	6806.03	6860.18	6827.42	0.42	ppb
Terbium	159-1				112		%
Terbium	159-2				113		%
Thallium	203-1	0.69	0.68	0.75	0.71	5.11	ppb
Thallium	205-1	0.73	0.70	0.71	0.71	1.76	ppb
Thorium	232-1	16.51	16.54	16.68	16.57	0.56	ppb
Tin	118-1	0.94	0.99	0.91	0.95	4.18	ppb
Titanium	47-1	112.73	112.25	114.86	113.28	1.23	ppb
Uranium	238-1	4.25	4.21	4.25	4.24	0.50	ppb
Vanadium	51-2	139.23	132.18	124.65	132.02	5.52	ppb
Yttrium	89-1				139		%
Yttrium	89-2				142		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-03	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:41:53	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	325.64	307.74	291.43	308.27	5.55	ppb
Zirconium	90-1	21.67	21.67	21.69	21.68	0.05	ppb
Zirconium	91-1	21.62	21.83	21.67	21.71	0.50	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-04	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:45:31	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	129299.61	128721.46	128945.62	128988.90	0.23	ppb
Antimony	121-1	0.38	0.35	0.36	0.36	3.76	ppb
Arsenic	75-2	46.40	46.21	46.45	46.35	0.28	ppb
Barium	135-1	1784.16	1803.82	1821.49	1803.16	1.04	ppb
Barium	137-1	1780.26	1783.56	1781.19	1781.67	0.10	ppb
Beryllium	9-1	5.90	5.74	5.90	5.85	1.56	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	12.40	12.23	12.61	12.41	1.53	ppb
Boron	11-1	12.18	12.38	12.02	12.19	1.47	ppb
Cadmium	111-1	2.21	2.10	2.16	2.16	2.48	ppb
Cadmium	106-1	10.78	8.72	9.94	9.81	10.58	ppb
Cadmium	108-1	4.67	4.33	4.72	4.57	4.67	ppb
Calcium	43-1	24600.66	24471.35	24291.12	24454.38	0.64	ppb
Calcium	44-1	24243.77	24315.07	24040.35	24199.73	0.59	ppb
Chromium	52-2	138.64	138.59	138.49	138.57	0.06	ppb
Cobalt	59-2	92.36	92.85	93.66	92.96	0.70	ppb
Copper	63-2	200.88	203.40	201.59	201.96	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				111		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	239453.54	236819.13	239872.35	238715.01	0.69	ppb
Iron	57-2	235320.15	234804.05	236432.91	235519.04	0.35	ppb
Krypton	83-1						cps
Lead	206-1	341.45	344.77	343.92	343.38	0.50	ppb
Lead	207-1	312.60	313.67	314.33	313.53	0.28	ppb
Lead	208-1	326.87	327.62	327.80	327.43	0.15	ppb
Lithium	6-1				112		%
Magnesium	24-2	39097.85	39211.10	38903.78	39070.91	0.40	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-04	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:45:31	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7591.20	7599.45	7590.31	7593.65	0.07	ppb
Molybdenum	94-1	45.43	45.81	45.85	45.70	0.51	ppb
Molybdenum	95-1	4.58	4.64	4.55	4.59	1.02	ppb
Molybdenum	96-1	11.27	11.57	11.38	11.41	1.32	ppb
Molybdenum	97-1	4.61	4.45	4.50	4.52	1.81	ppb
Molybdenum	98-1	4.47	4.45	4.42	4.45	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	174.55	175.04	175.96	175.18	0.41	ppb
Phosphorus	31-2	4425.13	4479.57	4539.61	4481.44	1.28	ppb
Potassium	39-2	5362.46	5368.29	5336.68	5355.81	0.31	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	77-2	49.50	49.30	61.88	53.56	13.46	ppb
Selenium	78-2	15.58	14.51	14.69	14.92	3.85	ppb
Selenium	82-1	4.74	4.70	5.05	4.83	3.97	ppb
Silicon	28-1	7755.77	7648.10	7611.39	7671.75	0.98	ppb
Silver	109-1	0.49	0.46	0.46	0.47	3.67	ppb
Silver	107-1	0.47	0.49	0.49	0.48	2.56	ppb
Sodium	23-2	821.22	819.93	822.44	821.20	0.15	ppb
Strontium	86-1	166.36	166.00	166.68	166.35	0.20	ppb
Strontium	88-1	167.29	166.73	166.80	166.94	0.18	ppb
Sulfur	34-1	4143.90	4098.17	3976.95	4073.00	2.12	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.88	0.86	0.84	0.86	2.56	ppb
Thallium	205-1	0.87	0.89	0.85	0.87	2.54	ppb
Thorium	232-1	22.80	23.16	23.16	23.04	0.89	ppb
Tin	118-1	0.95	0.98	0.98	0.97	1.96	ppb
Titanium	47-1	189.05	192.80	195.25	192.37	1.62	ppb
Uranium	238-1	4.39	4.38	4.49	4.42	1.46	ppb
Vanadium	51-2	172.66	173.22	173.78	173.22	0.32	ppb
Yttrium	89-1				137		%
Yttrium	89-2				135		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-04	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:45:31	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	515.69	510.97	516.91	514.52	0.61	ppb
Zirconium	90-1	27.82	27.81	28.13	27.92	0.65	ppb
Zirconium	91-1	28.32	27.89	27.91	28.04	0.87	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-05	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:49:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	155274.90	155606.16	155754.93	155545.33	0.16	ppb
Antimony	121-1	0.21	0.23	0.25	0.23	7.45	ppb
Arsenic	75-2	41.43	41.63	41.83	41.63	0.48	ppb
Barium	135-1	1686.40	1687.57	1715.50	1696.49	0.97	ppb
Barium	137-1	1637.44	1655.18	1674.56	1655.73	1.12	ppb
Beryllium	9-1	6.86	6.86	6.88	6.87	0.14	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	14.56	14.20	14.78	14.52	2.02	ppb
Boron	11-1	13.85	14.28	14.71	14.28	3.02	ppb
Cadmium	111-1	1.79	1.78	1.81	1.80	0.68	ppb
Cadmium	106-1	13.52	14.09	13.70	13.77	2.13	ppb
Cadmium	108-1	6.14	5.98	6.28	6.14	2.43	ppb
Calcium	43-1	12890.61	12997.83	12925.89	12938.11	0.42	ppb
Calcium	44-1	12696.27	12766.79	12875.98	12779.68	0.71	ppb
Chromium	52-2	158.28	158.73	159.94	158.98	0.54	ppb
Cobalt	59-2	109.17	110.47	110.15	109.93	0.61	ppb
Copper	63-2	191.99	194.32	194.88	193.73	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	281156.36	280251.99	280465.19	280624.52	0.17	ppb
Iron	57-2	276276.58	278681.86	278907.88	277955.44	0.52	ppb
Krypton	83-1						cps
Lead	206-1	256.55	256.84	260.10	257.83	0.76	ppb
Lead	207-1	234.76	234.01	239.33	236.03	1.22	ppb
Lead	208-1	245.99	244.86	248.86	246.57	0.84	ppb
Lithium	6-1				108		%
Magnesium	24-2	47693.47	47932.38	47796.81	47807.56	0.25	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-05	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:49:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11058.32	11087.92	11088.14	11078.12	0.15	ppb
Molybdenum	94-1	58.63	59.51	59.66	59.27	0.94	ppb
Molybdenum	95-1	3.05	3.05	3.04	3.05	0.15	ppb
Molybdenum	96-1	12.10	11.96	12.01	12.02	0.61	ppb
Molybdenum	97-1	3.01	2.96	3.07	3.01	1.83	ppb
Molybdenum	98-1	2.94	2.91	2.92	2.92	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	203.98	205.98	206.85	205.60	0.72	ppb
Phosphorus	31-2	3792.70	3807.52	3817.31	3805.85	0.33	ppb
Potassium	39-2	5872.37	5886.55	5878.79	5879.24	0.12	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	77-2	66.14	66.30	54.37	62.27	10.98	ppb
Selenium	78-2	15.60	14.14	13.44	14.40	7.65	ppb
Selenium	82-1	3.88	3.13	3.28	3.43	11.58	ppb
Silicon	28-1	8292.54	8225.75	8279.79	8266.03	0.43	ppb
Silver	109-1	0.39	0.41	0.44	0.42	5.92	ppb
Silver	107-1	0.47	0.46	0.47	0.47	1.22	ppb
Sodium	23-2	664.34	664.20	662.66	663.73	0.14	ppb
Strontium	86-1	88.57	88.05	89.38	88.66	0.76	ppb
Strontium	88-1	89.57	89.09	89.99	89.55	0.50	ppb
Sulfur	34-1	1170.18	1202.21	1201.49	1191.29	1.54	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	1.14	1.08	1.08	1.10	3.08	ppb
Thallium	205-1	1.16	1.15	1.12	1.14	1.90	ppb
Thorium	232-1	35.70	35.22	35.61	35.51	0.72	ppb
Tin	118-1	0.75	0.71	0.82	0.76	7.37	ppb
Titanium	47-1	216.57	214.10	216.02	215.56	0.60	ppb
Uranium	238-1	4.09	4.06	4.14	4.10	1.01	ppb
Vanadium	51-2	182.64	183.69	184.92	183.75	0.62	ppb
Yttrium	89-1				140		%
Yttrium	89-2				138		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-05	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:49:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	539.29	543.93	543.53	542.25	0.47	ppb
Zirconium	90-1	37.14	36.93	37.26	37.11	0.46	ppb
Zirconium	91-1	36.77	37.11	37.02	36.96	0.47	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:09:57	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52092.17	51475.67	51756.94	51774.93	0.60	ppb
Antimony	121-1	501.88	509.36	506.60	505.95	0.75	ppb
Arsenic	75-2	509.44	506.53	510.32	508.76	0.39	ppb
Barium	135-1	2518.32	2521.33	2510.66	2516.77	0.22	ppb
Barium	137-1	2500.47	2520.47	2504.29	2508.41	0.42	ppb
Beryllium	9-1	472.26	477.90	478.55	476.24	0.73	ppb
Bismuth	209-1				90		%
Bismuth	209-2				84		%
Boron	10-1	465.44	475.20	482.83	474.49	1.84	ppb
Boron	11-1	466.83	478.56	485.97	477.12	2.02	ppb
Cadmium	111-1	497.54	510.13	510.79	506.15	1.48	ppb
Cadmium	106-1	506.84	516.78	518.16	513.93	1.20	ppb
Cadmium	108-1	504.93	506.51	518.22	509.89	1.42	ppb
Calcium	43-1	235625.33	235527.55	234291.40	235148.09	0.32	ppb
Calcium	44-1	235459.22	236843.85	234607.63	235636.90	0.48	ppb
Chromium	52-2	497.84	494.84	501.13	497.93	0.63	ppb
Cobalt	59-2	472.44	468.61	471.97	471.01	0.44	ppb
Copper	63-2	978.31	974.98	977.04	976.78	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	124418.55	123541.09	124468.85	124142.83	0.42	ppb
Iron	57-2	124433.67	123174.48	123663.78	123757.31	0.51	ppb
Krypton	83-1						cps
Lead	206-1	512.37	518.22	521.12	517.24	0.86	ppb
Lead	207-1	503.57	515.76	517.93	512.42	1.51	ppb
Lead	208-1	509.29	515.74	514.92	513.31	0.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	262227.79	259207.31	261200.43	260878.51	0.59	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:09:57	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	968.82	963.07	971.32	967.74	0.44	ppb
Molybdenum	94-1	2528.64	2498.64	2507.48	2511.59	0.61	ppb
Molybdenum	95-1	2507.73	2489.04	2519.91	2505.56	0.62	ppb
Molybdenum	96-1	2511.23	2492.38	2521.36	2508.32	0.59	ppb
Molybdenum	97-1	2499.20	2496.37	2502.47	2499.35	0.12	ppb
Molybdenum	98-1	2496.95	2500.88	2502.33	2500.05	0.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.74	470.08	471.26	471.36	0.28	ppb
Phosphorus	31-2	9674.20	9589.93	9723.92	9662.68	0.70	ppb
Potassium	39-2	123564.49	121975.64	123546.18	123028.77	0.74	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	509.87	494.63	508.98	504.49	1.69	ppb
Selenium	78-2	493.70	491.53	499.27	494.83	0.81	ppb
Selenium	82-1	490.74	492.40	491.54	491.56	0.17	ppb
Silicon	28-1	520.98	522.23	526.77	523.33	0.58	ppb
Silver	109-1	456.66	458.68	463.86	459.73	0.81	ppb
Silver	107-1	462.07	462.43	464.90	463.13	0.33	ppb
Sodium	23-2	241018.49	238194.42	240550.67	239921.19	0.63	ppb
Strontium	86-1	500.12	506.40	501.80	502.77	0.65	ppb
Strontium	88-1	505.20	503.69	499.13	502.67	0.63	ppb
Sulfur	34-1	9381.62	9501.72	9470.36	9451.23	0.66	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	519.86	521.72	519.53	520.37	0.23	ppb
Thallium	205-1	520.72	519.27	522.39	520.79	0.30	ppb
Thorium	232-1	515.94	516.44	511.79	514.72	0.50	ppb
Tin	118-1	491.38	499.30	495.50	495.40	0.80	ppb
Titanium	47-1	2494.99	2517.71	2529.40	2514.03	0.70	ppb
Uranium	238-1	511.85	511.39	507.15	510.13	0.51	ppb
Vanadium	51-2	495.61	492.07	493.28	493.65	0.36	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:09:57	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	930.62	918.99	922.68	924.09	0.64	ppb
Zirconium	90-1	502.26	503.67	506.24	504.06	0.40	ppb
Zirconium	91-1	500.36	503.74	507.23	503.78	0.68	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:15:48	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.81	1.56	1.62	1.66	7.72	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	2.46	ppb
Arsenic	75-2	0.03	0.03	0.04	0.03	13.82	ppb
Barium	135-1	0.12	0.13	0.12	0.12	4.21	ppb
Barium	137-1	0.13	0.13	0.10	0.12	13.38	ppb
Beryllium	9-1	0.07	0.06	0.04	0.06	25.80	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	10-1	11.34	10.38	10.49	10.74	4.90	ppb
Boron	11-1	11.16	10.37	10.33	10.62	4.43	ppb
Cadmium	111-1	-0.12	-0.06	-0.12	-0.10		ppb
Cadmium	106-1	-2.09	-1.21	-2.08	-1.80		ppb
Cadmium	108-1	-0.04	0.11	0.06	0.04	172.39	ppb
Calcium	43-1	8.65	7.62	5.40	7.22	22.97	ppb
Calcium	44-1	6.19	6.89	6.31	6.46	5.84	ppb
Chromium	52-2	0.07	0.06	0.04	0.06	22.92	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	95.48	ppb
Copper	63-2	0.03	0.02	0.04	0.03	25.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	56-2	4.44	4.24	4.03	4.24	4.78	ppb
Iron	57-2	4.32	4.50	3.96	4.26	6.50	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.02	0.03	32.21	ppb
Lead	207-1	0.04	0.02	0.02	0.03	35.29	ppb
Lead	208-1	0.03	0.02	0.02	0.02	20.30	ppb
Lithium	6-1				115		%
Magnesium	24-2	8.92	8.69	9.27	8.96	3.28	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:15:48	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.04	0.02	0.03	45.91	ppb
Molybdenum	94-1	0.23	0.20	0.26	0.23	13.24	ppb
Molybdenum	95-1	0.29	0.31	0.23	0.28	16.04	ppb
Molybdenum	96-1	0.27	0.25	0.20	0.24	14.11	ppb
Molybdenum	97-1	0.29	0.24	0.25	0.26	9.31	ppb
Molybdenum	98-1	0.30	0.24	0.24	0.26	12.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.01	0.01	97.29	ppb
Phosphorus	31-2	-20.64	-23.98	-23.99	-22.87		ppb
Potassium	39-2	8.72	8.16	7.06	7.98	10.59	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.48	0.00	0.79	0.42	94.82	ppb
Selenium	82-1	0.07	0.14	-0.12	0.03	446.64	ppb
Silicon	28-1	-1.23	-1.13	-1.61	-1.32		ppb
Silver	109-1	0.03	0.05	0.04	0.04	19.51	ppb
Silver	107-1	0.04	0.05	0.04	0.04	11.87	ppb
Sodium	23-2	22.85	21.72	21.92	22.16	2.73	ppb
Strontium	86-1	0.02	0.03	0.02	0.03	23.18	ppb
Strontium	88-1	0.01	0.02	0.01	0.02	8.25	ppb
Sulfur	34-1	-327.40	-356.92	-364.10	-349.47		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.08	0.08	0.06	0.07	12.94	ppb
Thallium	205-1	0.06	0.07	0.06	0.07	4.25	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	0.73	ppb
Tin	118-1	0.05	0.05	0.04	0.05	20.66	ppb
Titanium	47-1	0.10	0.06	0.09	0.09	23.76	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	10.61	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	21.61	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:15:48	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.13	-0.27	-0.15	-0.18		ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	2.73	ppb
Zirconium	91-1	0.04	0.05	0.02	0.04	31.84	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-06 Instrumnet Name : P7
 Client Sample ID : P001-SS026-1824-01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 17:19:22 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	151427.45	150386.81	147533.63	149782.63	1.35	ppb
Antimony	121-1	0.13	0.13	0.13	0.13	1.26	ppb
Arsenic	75-2	32.63	32.32	32.40	32.45	0.49	ppb
Barium	135-1	1962.88	1917.11	1990.47	1956.82	1.89	ppb
Barium	137-1	1965.25	1905.32	1998.20	1956.25	2.41	ppb
Beryllium	9-1	7.10	6.96	6.98	7.01	1.09	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	12.52	11.83	12.83	12.39	4.14	ppb
Boron	11-1	12.41	12.41	12.30	12.37	0.51	ppb
Cadmium	111-1	0.92	0.85	0.85	0.88	4.51	ppb
Cadmium	106-1	7.08	6.66	6.37	6.70	5.30	ppb
Cadmium	108-1	3.99	3.90	3.45	3.78	7.56	ppb
Calcium	43-1	8172.49	8179.96	8197.67	8183.38	0.16	ppb
Calcium	44-1	8165.46	8004.67	8180.23	8116.79	1.20	ppb
Chromium	52-2	140.59	139.14	138.47	139.40	0.78	ppb
Cobalt	59-2	100.54	100.38	98.28	99.73	1.26	ppb
Copper	63-2	104.56	104.62	102.85	104.01	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	288670.18	287682.79	283819.30	286724.09	0.89	ppb
Iron	57-2	285166.93	286380.00	281494.12	284347.02	0.89	ppb
Krypton	83-1						cps
Lead	206-1	183.54	181.87	185.87	183.76	1.09	ppb
Lead	207-1	167.88	164.67	169.96	167.50	1.59	ppb
Lead	208-1	175.07	172.47	177.94	175.16	1.56	ppb
Lithium	6-1				115		%
Magnesium	24-2	39361.98	39209.93	38666.30	39079.40	0.94	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-06	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:19:22	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11259.35	11191.73	11115.29	11188.79	0.64	ppb
Molybdenum	94-1	41.02	40.45	41.13	40.87	0.88	ppb
Molybdenum	95-1	2.61	2.44	2.45	2.50	3.78	ppb
Molybdenum	96-1	9.39	9.41	9.58	9.46	1.09	ppb
Molybdenum	97-1	2.33	2.34	2.39	2.35	1.42	ppb
Molybdenum	98-1	2.32	2.28	2.29	2.30	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	175.29	173.97	170.25	173.17	1.51	ppb
Phosphorus	31-2	5312.20	5209.49	5143.57	5221.75	1.63	ppb
Potassium	39-2	4388.78	4367.26	4315.79	4357.28	0.86	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				116		%
Scandium	45-2				114		%
Selenium	77-2	45.88	38.63	39.93	41.48	9.32	ppb
Selenium	78-2	9.60	11.24	11.63	10.82	9.96	ppb
Selenium	82-1	2.20	2.06	2.12	2.13	3.37	ppb
Silicon	28-1	2909.12	2848.43	2927.44	2895.00	1.43	ppb
Silver	109-1	0.57	0.55	0.61	0.58	4.64	ppb
Silver	107-1	0.61	0.60	0.62	0.61	1.31	ppb
Sodium	23-2	684.39	681.11	670.11	678.54	1.10	ppb
Strontium	86-1	66.52	65.18	67.62	66.44	1.84	ppb
Strontium	88-1	66.75	65.50	66.88	66.38	1.15	ppb
Sulfur	34-1	304.88	188.97	216.49	236.78	25.58	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	1.07	1.06	1.07	1.07	0.86	ppb
Thallium	205-1	1.06	1.04	1.08	1.06	1.77	ppb
Thorium	232-1	27.57	27.02	27.89	27.49	1.59	ppb
Tin	118-1	0.55	0.52	0.52	0.53	3.14	ppb
Titanium	47-1	95.53	92.98	95.25	94.58	1.48	ppb
Uranium	238-1	2.76	2.73	2.83	2.77	1.82	ppb
Vanadium	51-2	192.32	191.13	189.04	190.83	0.87	ppb
Yttrium	89-1				129		%
Yttrium	89-2				127		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-06	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:19:22	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	480.39	482.93	475.62	479.65	0.77	ppb
Zirconium	90-1	25.53	25.08	25.56	25.39	1.07	ppb
Zirconium	91-1	25.58	24.81	25.74	25.37	1.97	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-08	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:22:58	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69090.39	69565.11	68587.94	69081.14	0.71	ppb
Antimony	121-1	0.89	0.89	0.87	0.88	1.20	ppb
Arsenic	75-2	21.03	21.61	20.88	21.17	1.81	ppb
Barium	135-1	2281.35	2300.76	2297.36	2293.16	0.45	ppb
Barium	137-1	2291.15	2283.98	2286.53	2287.22	0.16	ppb
Beryllium	9-1	3.90	3.74	3.80	3.81	2.14	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	17.49	17.34	17.39	17.41	0.43	ppb
Boron	11-1	16.33	16.75	16.73	16.60	1.44	ppb
Cadmium	111-1	3.37	3.27	3.32	3.32	1.51	ppb
Cadmium	106-1	6.85	7.08	6.35	6.76	5.48	ppb
Cadmium	108-1	4.55	4.40	4.60	4.52	2.20	ppb
Calcium	43-1	18430.76	18445.55	18268.98	18381.76	0.53	ppb
Calcium	44-1	18340.65	18307.71	18201.47	18283.28	0.40	ppb
Chromium	52-2	71.68	71.84	71.24	71.59	0.43	ppb
Cobalt	59-2	32.81	33.05	32.67	32.84	0.59	ppb
Copper	63-2	230.21	231.76	230.04	230.67	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	107143.33	107302.80	104940.10	106462.08	1.24	ppb
Iron	57-2	106164.83	105712.65	104587.96	105488.48	0.77	ppb
Krypton	83-1						cps
Lead	206-1	337.37	335.73	334.19	335.76	0.47	ppb
Lead	207-1	306.42	306.54	307.13	306.70	0.12	ppb
Lead	208-1	320.13	319.19	319.58	319.63	0.15	ppb
Lithium	6-1				113		%
Magnesium	24-2	10076.79	10170.51	10045.45	10097.58	0.64	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-08	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:22:58	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3812.92	3814.46	3773.96	3800.44	0.60	ppb
Molybdenum	94-1	26.51	26.35	26.00	26.29	0.98	ppb
Molybdenum	95-1	5.33	5.27	5.32	5.31	0.60	ppb
Molybdenum	96-1	8.86	8.60	8.69	8.72	1.51	ppb
Molybdenum	97-1	5.46	5.33	5.25	5.35	1.99	ppb
Molybdenum	98-1	5.30	5.25	5.29	5.28	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	77.73	78.45	76.82	77.67	1.05	ppb
Phosphorus	31-2	8023.96	8232.96	8008.91	8088.61	1.55	ppb
Potassium	39-2	4267.74	4302.73	4217.79	4262.75	1.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				117		%
Scandium	45-2				115		%
Selenium	77-2	44.25	46.23	53.19	47.89	9.81	ppb
Selenium	78-2	20.35	18.88	18.40	19.21	5.29	ppb
Selenium	82-1	10.46	10.35	10.22	10.35	1.16	ppb
Silicon	28-1	1632.56	1602.26	1576.12	1603.65	1.76	ppb
Silver	109-1	0.86	0.87	0.84	0.86	1.95	ppb
Silver	107-1	0.90	0.85	0.86	0.87	2.62	ppb
Sodium	23-2	278.10	276.72	277.24	277.35	0.25	ppb
Strontium	86-1	135.61	133.06	132.57	133.74	1.22	ppb
Strontium	88-1	134.52	133.10	133.41	133.68	0.56	ppb
Sulfur	34-1	15061.19	15061.17	14809.63	14977.33	0.97	ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.65	0.66	0.63	0.65	1.99	ppb
Thallium	205-1	0.63	0.63	0.65	0.64	1.46	ppb
Thorium	232-1	10.30	10.20	10.31	10.27	0.59	ppb
Tin	118-1	1.79	1.77	1.75	1.77	1.26	ppb
Titanium	47-1	164.36	163.75	162.63	163.58	0.54	ppb
Uranium	238-1	4.16	4.13	4.10	4.13	0.83	ppb
Vanadium	51-2	99.94	101.31	99.61	100.28	0.90	ppb
Yttrium	89-1				138		%
Yttrium	89-2				138		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-08	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:22:58	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	249.44	249.61	247.89	248.98	0.38	ppb
Zirconium	90-1	14.82	14.63	14.74	14.73	0.62	ppb
Zirconium	91-1	14.89	14.38	14.74	14.67	1.78	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-09	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:26:35	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87420.01	86795.86	88301.04	87505.64	0.86	ppb
Antimony	121-1	0.56	0.59	0.56	0.57	2.96	ppb
Arsenic	75-2	30.47	30.19	30.09	30.25	0.64	ppb
Barium	135-1	2359.78	2356.22	2347.57	2354.52	0.27	ppb
Barium	137-1	2332.28	2359.68	2346.73	2346.23	0.58	ppb
Beryllium	9-1	5.36	5.24	5.17	5.26	1.84	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	14.07	14.18	14.14	14.13	0.39	ppb
Boron	11-1	13.80	14.21	14.12	14.04	1.55	ppb
Cadmium	111-1	3.62	3.55	3.47	3.55	2.18	ppb
Cadmium	106-1	9.15	8.49	7.00	8.21	13.41	ppb
Cadmium	108-1	5.46	4.92	5.70	5.36	7.50	ppb
Calcium	43-1	12166.43	12067.36	12164.69	12132.82	0.47	ppb
Calcium	44-1	12113.98	12037.52	12167.85	12106.45	0.54	ppb
Chromium	52-2	89.59	89.01	90.54	89.71	0.86	ppb
Cobalt	59-2	46.86	46.92	47.67	47.15	0.96	ppb
Copper	63-2	253.44	253.06	255.96	254.15	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	134513.62	131917.62	135215.93	133882.39	1.30	ppb
Iron	57-2	132570.15	131449.57	134249.67	132756.46	1.06	ppb
Krypton	83-1						cps
Lead	206-1	294.03	299.14	296.63	296.60	0.86	ppb
Lead	207-1	267.65	271.43	273.11	270.73	1.03	ppb
Lead	208-1	280.52	283.22	283.07	282.27	0.54	ppb
Lithium	6-1				112		%
Magnesium	24-2	14410.25	14339.19	14512.14	14420.53	0.60	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-09	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:26:35	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4917.68	4845.49	4930.35	4897.84	0.93	ppb
Molybdenum	94-1	33.17	33.23	33.22	33.21	0.10	ppb
Molybdenum	95-1	5.43	5.50	5.32	5.42	1.69	ppb
Molybdenum	96-1	9.66	9.68	9.80	9.72	0.77	ppb
Molybdenum	97-1	5.22	5.29	5.27	5.26	0.63	ppb
Molybdenum	98-1	5.24	5.18	5.24	5.22	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	96.36	95.97	96.78	96.37	0.42	ppb
Phosphorus	31-2	6215.60	6242.64	6545.96	6334.73	2.90	ppb
Potassium	39-2	4244.41	4211.05	4306.58	4254.01	1.14	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				118		%
Scandium	45-2				118		%
Selenium	77-2	62.72	58.79	57.27	59.59	4.72	ppb
Selenium	78-2	21.92	20.71	18.81	20.48	7.67	ppb
Selenium	82-1	9.89	9.47	9.47	9.61	2.52	ppb
Silicon	28-1	1725.79	1711.65	1717.35	1718.27	0.41	ppb
Silver	109-1	0.80	0.82	0.85	0.82	3.11	ppb
Silver	107-1	0.79	0.82	0.83	0.81	2.46	ppb
Sodium	23-2	269.81	270.58	276.03	272.14	1.25	ppb
Strontium	86-1	99.83	99.48	99.90	99.74	0.23	ppb
Strontium	88-1	99.93	99.24	100.35	99.84	0.56	ppb
Sulfur	34-1	12851.57	12816.52	12866.30	12844.80	0.20	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.72	0.73	0.75	0.73	1.79	ppb
Thallium	205-1	0.74	0.75	0.75	0.75	0.60	ppb
Thorium	232-1	18.68	18.74	18.69	18.70	0.17	ppb
Tin	118-1	1.19	1.14	1.13	1.16	2.79	ppb
Titanium	47-1	184.37	184.16	184.13	184.22	0.07	ppb
Uranium	238-1	5.27	5.46	5.46	5.40	2.00	ppb
Vanadium	51-2	136.41	135.24	137.58	136.41	0.86	ppb
Yttrium	89-1				147		%
Yttrium	89-2				146		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-09	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:26:35	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	266.11	262.89	268.40	265.80	1.04	ppb
Zirconium	90-1	19.31	19.07	19.27	19.22	0.69	ppb
Zirconium	91-1	19.29	19.04	19.06	19.13	0.73	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-10	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:30:11	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84284.43	82933.87	82453.34	83223.88	1.14	ppb
Antimony	121-1	0.72	0.71	0.74	0.72	1.76	ppb
Arsenic	75-2	25.80	25.59	25.86	25.75	0.56	ppb
Barium	135-1	2332.12	2328.95	2321.72	2327.60	0.23	ppb
Barium	137-1	2317.00	2315.79	2319.70	2317.50	0.09	ppb
Beryllium	9-1	4.86	4.74	4.61	4.73	2.61	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	14.93	14.07	14.73	14.58	3.06	ppb
Boron	11-1	14.49	14.42	14.37	14.43	0.43	ppb
Cadmium	111-1	3.20	3.14	3.19	3.18	1.05	ppb
Cadmium	106-1	8.33	9.03	8.86	8.74	4.19	ppb
Cadmium	108-1	4.72	5.22	5.53	5.16	7.90	ppb
Calcium	43-1	18514.20	18527.74	18362.37	18468.10	0.50	ppb
Calcium	44-1	18183.58	18300.66	18178.01	18220.75	0.38	ppb
Chromium	52-2	84.97	84.92	84.46	84.78	0.33	ppb
Cobalt	59-2	46.57	46.69	46.43	46.56	0.28	ppb
Copper	63-2	217.90	216.93	213.62	216.15	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	128880.23	128027.86	127403.35	128103.81	0.58	ppb
Iron	57-2	127962.88	126300.42	126056.08	126773.13	0.82	ppb
Krypton	83-1						cps
Lead	206-1	244.78	241.21	239.94	241.98	1.04	ppb
Lead	207-1	222.24	218.35	220.34	220.31	0.88	ppb
Lead	208-1	231.94	229.63	229.81	230.46	0.56	ppb
Lithium	6-1				112		%
Magnesium	24-2	17232.54	16994.79	16820.00	17015.78	1.22	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-10	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:30:11	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5304.51	5280.98	5237.61	5274.37	0.64	ppb
Molybdenum	94-1	36.21	36.24	35.95	36.13	0.45	ppb
Molybdenum	95-1	4.82	4.89	4.81	4.84	0.88	ppb
Molybdenum	96-1	9.75	9.75	9.66	9.72	0.54	ppb
Molybdenum	97-1	4.81	4.74	4.90	4.82	1.72	ppb
Molybdenum	98-1	4.77	4.70	4.70	4.72	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.52	97.77	96.55	97.28	0.66	ppb
Phosphorus	31-2	6631.53	6590.59	6364.42	6528.84	2.20	ppb
Potassium	39-2	4005.88	3960.27	3987.79	3984.65	0.58	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	77-2	40.24	44.71	51.57	45.51	12.54	ppb
Selenium	78-2	17.74	16.21	17.15	17.03	4.53	ppb
Selenium	82-1	8.32	8.53	8.80	8.55	2.85	ppb
Silicon	28-1	3793.99	3765.32	3741.30	3766.87	0.70	ppb
Silver	109-1	0.65	0.66	0.67	0.66	1.07	ppb
Silver	107-1	0.68	0.66	0.66	0.67	1.77	ppb
Sodium	23-2	343.42	339.57	338.30	340.43	0.78	ppb
Strontium	86-1	136.10	134.16	136.86	135.71	1.02	ppb
Strontium	88-1	134.61	134.05	134.20	134.29	0.22	ppb
Sulfur	34-1	11779.86	11666.09	11564.61	11670.19	0.92	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.61	0.60	0.64	0.62	3.57	ppb
Thallium	205-1	0.63	0.64	0.63	0.63	1.32	ppb
Thorium	232-1	11.49	11.52	11.31	11.44	1.00	ppb
Tin	118-1	1.41	1.44	1.40	1.42	1.27	ppb
Titanium	47-1	194.29	192.37	193.30	193.32	0.50	ppb
Uranium	238-1	4.03	4.00	3.99	4.00	0.52	ppb
Vanadium	51-2	112.55	111.94	112.17	112.22	0.28	ppb
Yttrium	89-1				139		%
Yttrium	89-2				138		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-10	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:30:11	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	294.22	293.15	292.29	293.22	0.33	ppb
Zirconium	90-1	21.75	21.66	21.42	21.61	0.79	ppb
Zirconium	91-1	21.54	21.24	21.35	21.38	0.72	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-11	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:33:48	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	112485.06	113558.05	112634.22	112892.44	0.51	ppb
Antimony	121-1	0.53	0.51	0.49	0.51	3.63	ppb
Arsenic	75-2	35.87	36.19	35.79	35.95	0.59	ppb
Barium	135-1	2154.53	2156.38	2143.33	2151.41	0.33	ppb
Barium	137-1	2138.72	2141.31	2133.25	2137.76	0.19	ppb
Beryllium	9-1	5.50	5.52	5.44	5.49	0.73	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	13.12	12.51	12.85	12.83	2.39	ppb
Boron	11-1	12.12	12.80	12.63	12.52	2.80	ppb
Cadmium	111-1	2.52	2.51	2.42	2.48	2.25	ppb
Cadmium	106-1	9.84	9.16	8.76	9.25	5.89	ppb
Cadmium	108-1	5.85	5.43	6.01	5.77	5.20	ppb
Calcium	43-1	11308.14	11216.99	11233.93	11253.02	0.43	ppb
Calcium	44-1	11237.91	11063.04	11174.23	11158.39	0.79	ppb
Chromium	52-2	114.69	115.92	114.39	115.00	0.71	ppb
Cobalt	59-2	74.23	74.80	74.21	74.41	0.45	ppb
Copper	63-2	216.59	220.09	215.97	217.55	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				112		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	186282.74	187677.35	184825.82	186261.97	0.77	ppb
Iron	57-2	183355.85	184795.71	184095.07	184082.21	0.39	ppb
Krypton	83-1						cps
Lead	206-1	290.46	288.14	288.97	289.19	0.41	ppb
Lead	207-1	265.24	263.77	264.16	264.39	0.29	ppb
Lead	208-1	276.97	274.11	277.20	276.10	0.62	ppb
Lithium	6-1				112		%
Magnesium	24-2	26017.78	26167.30	26005.88	26063.65	0.35	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-11	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:33:48	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7476.50	7588.91	7480.55	7515.32	0.85	ppb
Molybdenum	94-1	46.18	46.20	44.72	45.70	1.86	ppb
Molybdenum	95-1	4.65	4.60	4.57	4.61	0.92	ppb
Molybdenum	96-1	11.05	11.12	10.98	11.05	0.63	ppb
Molybdenum	97-1	4.49	4.53	4.52	4.51	0.41	ppb
Molybdenum	98-1	4.41	4.53	4.42	4.45	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.23	139.40	137.53	138.05	0.85	ppb
Phosphorus	31-2	5906.11	5878.92	5761.20	5848.74	1.32	ppb
Potassium	39-2	4447.88	4526.85	4484.92	4486.55	0.88	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				117		%
Scandium	45-2				116		%
Selenium	77-2	51.29	47.38	46.22	48.30	5.50	ppb
Selenium	78-2	16.20	15.91	15.25	15.79	3.09	ppb
Selenium	82-1	6.92	7.11	7.10	7.04	1.49	ppb
Silicon	28-1	4973.33	4940.96	4979.32	4964.54	0.42	ppb
Silver	109-1	0.57	0.57	0.59	0.57	1.83	ppb
Silver	107-1	0.57	0.62	0.59	0.59	3.90	ppb
Sodium	23-2	318.31	325.89	320.90	321.70	1.20	ppb
Strontium	86-1	95.42	95.88	94.79	95.36	0.58	ppb
Strontium	88-1	95.91	96.26	95.97	96.05	0.20	ppb
Sulfur	34-1	8377.27	8320.09	8394.17	8363.84	0.46	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.76	0.71	0.80	0.75	6.03	ppb
Thallium	205-1	0.78	0.76	0.79	0.78	1.49	ppb
Thorium	232-1	20.41	20.23	20.53	20.39	0.75	ppb
Tin	118-1	1.21	1.19	1.24	1.21	2.30	ppb
Titanium	47-1	194.77	194.08	196.64	195.16	0.68	ppb
Uranium	238-1	4.24	4.18	4.26	4.23	1.08	ppb
Vanadium	51-2	139.28	141.75	139.62	140.22	0.96	ppb
Yttrium	89-1				139		%
Yttrium	89-2				138		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-11	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:33:48	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	382.64	388.68	386.61	385.98	0.80	ppb
Zirconium	90-1	27.93	27.60	27.81	27.78	0.60	ppb
Zirconium	91-1	27.60	27.99	27.75	27.78	0.70	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-12	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:37:25	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68287.94	68324.62	68925.66	68512.74	0.52	ppb
Antimony	121-1	0.54	0.58	0.56	0.56	3.57	ppb
Arsenic	75-2	16.77	16.80	16.32	16.63	1.60	ppb
Barium	135-1	1085.80	1080.62	1089.41	1085.28	0.41	ppb
Barium	137-1	1067.60	1055.79	1065.26	1062.88	0.59	ppb
Beryllium	9-1	2.65	2.65	2.55	2.61	2.18	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	13.36	13.21	13.29	13.29	0.56	ppb
Boron	11-1	12.92	12.95	12.80	12.89	0.63	ppb
Cadmium	111-1	2.08	1.91	1.87	1.95	5.88	ppb
Cadmium	106-1	5.19	4.15	4.08	4.48	13.93	ppb
Cadmium	108-1	2.95	3.30	3.46	3.24	8.03	ppb
Calcium	43-1	12123.79	11906.51	12059.55	12029.95	0.93	ppb
Calcium	44-1	11911.73	11768.78	11971.17	11883.89	0.88	ppb
Chromium	52-2	74.63	74.50	75.40	74.84	0.65	ppb
Cobalt	59-2	36.95	36.76	37.34	37.02	0.79	ppb
Copper	63-2	169.93	171.15	173.91	171.66	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	97234.32	97496.58	98394.88	97708.59	0.62	ppb
Iron	57-2	96742.95	96703.23	97149.33	96865.17	0.25	ppb
Krypton	83-1						cps
Lead	206-1	166.59	163.82	169.63	166.68	1.74	ppb
Lead	207-1	152.40	149.91	154.44	152.25	1.49	ppb
Lead	208-1	159.21	156.75	161.16	159.04	1.39	ppb
Lithium	6-1				112		%
Magnesium	24-2	16421.69	16450.73	16554.14	16475.52	0.42	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-12	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:37:25	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3420.90	3418.57	3439.09	3426.18	0.33	ppb
Molybdenum	94-1	25.25	24.95	25.42	25.21	0.96	ppb
Molybdenum	95-1	3.22	3.03	3.07	3.11	3.12	ppb
Molybdenum	96-1	6.57	6.44	6.66	6.55	1.68	ppb
Molybdenum	97-1	3.25	3.13	3.20	3.19	2.03	ppb
Molybdenum	98-1	3.15	3.11	3.09	3.11	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	86.83	85.90	87.67	86.80	1.02	ppb
Phosphorus	31-2	5974.75	6025.31	6132.90	6044.32	1.34	ppb
Potassium	39-2	4934.11	4983.28	5037.92	4985.10	1.04	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	77-2	38.21	42.50	38.65	39.79	5.93	ppb
Selenium	78-2	14.80	12.30	12.24	13.11	11.15	ppb
Selenium	82-1	5.70	5.78	5.52	5.67	2.35	ppb
Silicon	28-1	4607.72	4572.15	4581.78	4587.22	0.40	ppb
Silver	109-1	0.34	0.33	0.34	0.34	0.75	ppb
Silver	107-1	0.31	0.32	0.35	0.33	5.96	ppb
Sodium	23-2	274.56	275.53	283.05	277.71	1.67	ppb
Strontium	86-1	78.18	77.36	78.79	78.11	0.92	ppb
Strontium	88-1	78.76	77.51	79.11	78.46	1.07	ppb
Sulfur	34-1	6890.34	6740.81	6772.90	6801.35	1.16	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.51	0.48	0.52	0.50	3.58	ppb
Thallium	205-1	0.47	0.50	0.49	0.48	2.90	ppb
Thorium	232-1	9.20	9.06	9.34	9.20	1.51	ppb
Tin	118-1	0.92	0.89	0.89	0.90	1.81	ppb
Titanium	47-1	209.25	205.03	208.56	207.62	1.09	ppb
Uranium	238-1	3.30	3.30	3.38	3.32	1.38	ppb
Vanadium	51-2	79.57	79.72	80.32	79.87	0.49	ppb
Yttrium	89-1				129		%
Yttrium	89-2				127		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-12	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:37:25	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	277.86	279.95	282.88	280.23	0.90	ppb
Zirconium	90-1	15.03	14.87	14.95	14.95	0.55	ppb
Zirconium	91-1	14.97	14.62	14.83	14.81	1.19	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:41:01	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87896.71	87933.74	87077.93	87636.13	0.55	ppb
Antimony	121-1	0.62	0.56	0.56	0.58	6.64	ppb
Arsenic	75-2	25.12	24.34	24.70	24.72	1.58	ppb
Barium	135-1	1870.77	1779.14	1788.68	1812.86	2.78	ppb
Barium	137-1	1862.49	1779.38	1744.92	1795.59	3.37	ppb
Beryllium	9-1	4.10	3.90	3.78	3.93	4.14	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	10.88	10.53	10.50	10.64	1.99	ppb
Boron	11-1	10.92	10.92	10.69	10.84	1.20	ppb
Cadmium	111-1	3.20	2.88	2.90	3.00	6.02	ppb
Cadmium	106-1	8.94	7.10	7.08	7.71	13.82	ppb
Cadmium	108-1	5.13	5.64	4.94	5.24	6.92	ppb
Calcium	43-1	9382.49	9087.37	8833.55	9101.14	3.02	ppb
Calcium	44-1	9292.01	8968.38	8745.82	9002.07	3.05	ppb
Chromium	52-2	87.68	87.98	87.99	87.88	0.20	ppb
Cobalt	59-2	53.92	53.25	53.95	53.71	0.74	ppb
Copper	63-2	215.14	217.48	216.52	216.38	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	138588.18	138392.80	138075.06	138352.01	0.19	ppb
Iron	57-2	136322.81	137950.78	136963.90	137079.16	0.60	ppb
Krypton	83-1						cps
Lead	206-1	237.50	225.93	223.90	229.11	3.20	ppb
Lead	207-1	218.00	208.24	205.40	210.55	3.14	ppb
Lead	208-1	226.58	216.24	214.56	219.13	2.97	ppb
Lithium	6-1				110		%
Magnesium	24-2	19057.91	19062.07	18853.40	18991.13	0.63	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:41:01	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3633.55	3636.78	3620.49	3630.27	0.24	ppb
Molybdenum	94-1	35.49	34.34	34.11	34.65	2.14	ppb
Molybdenum	95-1	4.02	3.84	3.90	3.92	2.37	ppb
Molybdenum	96-1	9.10	8.58	8.60	8.76	3.40	ppb
Molybdenum	97-1	3.96	3.89	3.76	3.87	2.57	ppb
Molybdenum	98-1	4.07	3.76	3.79	3.87	4.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	120.09	118.95	119.89	119.64	0.51	ppb
Phosphorus	31-2	5253.75	5537.46	5409.14	5400.12	2.63	ppb
Potassium	39-2	5178.81	5187.53	5178.58	5181.64	0.10	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	77-2	50.42	55.57	54.27	53.42	5.01	ppb
Selenium	78-2	16.13	16.90	16.98	16.67	2.83	ppb
Selenium	82-1	7.89	7.85	7.35	7.70	3.91	ppb
Silicon	28-1	4512.69	4334.75	4251.23	4366.22	3.06	ppb
Silver	109-1	0.40	0.37	0.37	0.38	5.33	ppb
Silver	107-1	0.42	0.40	0.39	0.40	3.55	ppb
Sodium	23-2	278.58	276.57	270.20	275.11	1.59	ppb
Strontium	86-1	75.48	73.35	72.67	73.83	1.98	ppb
Strontium	88-1	76.79	74.19	72.98	74.65	2.60	ppb
Sulfur	34-1	9670.53	9322.82	8985.48	9326.28	3.67	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.60	0.57	0.55	0.57	4.50	ppb
Thallium	205-1	0.59	0.56	0.54	0.56	5.11	ppb
Thorium	232-1	14.80	14.09	13.84	14.24	3.51	ppb
Tin	118-1	1.04	0.99	0.97	1.00	3.52	ppb
Titanium	47-1	213.93	208.53	200.71	207.72	3.20	ppb
Uranium	238-1	4.40	4.19	4.13	4.24	3.34	ppb
Vanadium	51-2	101.39	100.97	102.34	101.57	0.69	ppb
Yttrium	89-1				135		%
Yttrium	89-2				133		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:41:01	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	304.70	309.05	308.61	307.46	0.78	ppb
Zirconium	90-1	21.50	20.67	20.20	20.79	3.15	ppb
Zirconium	91-1	21.57	20.18	20.17	20.64	3.89	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13DUP Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01DU Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 17:44:38 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90613.93	83888.04	81068.93	85190.30	5.76	ppb
Antimony	121-1	0.64	0.61	0.67	0.64	4.91	ppb
Arsenic	75-2	26.19	24.60	23.13	24.64	6.21	ppb
Barium	135-1	1833.45	1764.65	1827.27	1808.46	2.10	ppb
Barium	137-1	1806.19	1713.96	1788.46	1769.54	2.77	ppb
Beryllium	9-1	3.90	3.79	3.86	3.85	1.39	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	10.95	9.72	10.27	10.31	5.96	ppb
Boron	11-1	10.11	9.87	10.24	10.07	1.85	ppb
Cadmium	111-1	3.05	2.79	3.07	2.97	5.33	ppb
Cadmium	106-1	6.87	7.13	7.81	7.27	6.71	ppb
Cadmium	108-1	5.18	4.84	4.62	4.88	5.76	ppb
Calcium	43-1	9218.67	8803.98	9122.72	9048.46	2.40	ppb
Calcium	44-1	9072.37	8717.05	8964.77	8918.06	2.04	ppb
Chromium	52-2	91.75	84.74	82.35	86.28	5.67	ppb
Cobalt	59-2	55.44	51.65	49.68	52.26	5.60	ppb
Copper	63-2	224.17	208.08	202.67	211.64	5.28	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				114		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	142144.99	132348.40	128050.27	134181.22	5.38	ppb
Iron	57-2	141407.63	130596.86	126848.91	132951.13	5.69	ppb
Krypton	83-1						cps
Lead	206-1	227.61	215.82	226.00	223.14	2.86	ppb
Lead	207-1	209.31	197.57	207.79	204.89	3.12	ppb
Lead	208-1	218.60	206.48	216.07	213.72	2.99	ppb
Lithium	6-1				111		%
Magnesium	24-2	19542.46	18168.94	17552.16	18421.19	5.53	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13DUP	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01DU	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:44:38	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3702.94	3455.02	3357.85	3505.27	5.08	ppb
Molybdenum	94-1	34.62	33.74	34.52	34.30	1.40	ppb
Molybdenum	95-1	3.94	3.86	3.88	3.89	1.10	ppb
Molybdenum	96-1	8.79	8.37	8.80	8.65	2.82	ppb
Molybdenum	97-1	3.92	3.64	3.71	3.76	3.88	ppb
Molybdenum	98-1	3.87	3.66	3.80	3.78	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.35	112.91	109.72	114.99	5.71	ppb
Phosphorus	31-2	5554.08	5152.64	4870.49	5192.40	6.62	ppb
Potassium	39-2	5291.13	4952.68	4774.66	5006.16	5.24	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	77-2	56.03	54.34	45.43	51.93	10.96	ppb
Selenium	78-2	17.33	17.53	15.87	16.91	5.36	ppb
Selenium	82-1	7.89	7.32	7.99	7.73	4.64	ppb
Silicon	28-1	4418.58	4224.14	4428.84	4357.19	2.65	ppb
Silver	109-1	0.36	0.33	0.37	0.35	7.07	ppb
Silver	107-1	0.39	0.37	0.39	0.38	2.12	ppb
Sodium	23-2	165.73	153.86	148.73	156.11	5.59	ppb
Strontium	86-1	76.12	72.44	73.34	73.97	2.59	ppb
Strontium	88-1	75.68	73.55	74.82	74.69	1.43	ppb
Sulfur	34-1	9246.02	8790.84	9149.14	9062.00	2.65	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.59	0.54	0.56	0.56	4.57	ppb
Thallium	205-1	0.56	0.55	0.57	0.56	1.97	ppb
Thorium	232-1	14.05	13.45	13.82	13.77	2.22	ppb
Tin	118-1	0.89	0.87	0.85	0.87	2.57	ppb
Titanium	47-1	209.62	201.39	209.76	206.93	2.32	ppb
Uranium	238-1	4.29	3.99	4.19	4.16	3.60	ppb
Vanadium	51-2	106.41	97.96	94.88	99.75	5.99	ppb
Yttrium	89-1				137		%
Yttrium	89-2				136		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13DUP	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01DU	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:44:38	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	310.46	289.01	279.80	293.09	5.37	ppb
Zirconium	90-1	20.94	20.16	20.66	20.59	1.91	ppb
Zirconium	91-1	20.77	19.93	20.10	20.27	2.17	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13LX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 17:48:16	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17671.93	17697.14	17658.33	17675.80	0.11	ppb
Antimony	121-1	0.13	0.12	0.13	0.13	4.38	ppb
Arsenic	75-2	5.76	6.32	5.99	6.02	4.69	ppb
Barium	135-1	355.16	350.81	350.89	352.29	0.71	ppb
Barium	137-1	354.11	347.51	348.13	349.92	1.04	ppb
Beryllium	9-1	0.77	0.83	0.80	0.80	3.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	3.59	3.50	3.40	3.49	2.65	ppb
Boron	11-1	3.54	3.66	3.67	3.62	1.96	ppb
Cadmium	111-1	0.48	0.43	0.49	0.47	6.62	ppb
Cadmium	106-1	-0.49	-0.72	0.07	-0.38		ppb
Cadmium	108-1	1.11	0.99	1.12	1.07	6.87	ppb
Calcium	43-1	1885.18	1812.34	1830.63	1842.72	2.06	ppb
Calcium	44-1	1854.36	1843.00	1822.43	1839.93	0.88	ppb
Chromium	52-2	18.02	17.99	17.87	17.96	0.42	ppb
Cobalt	59-2	11.00	11.16	11.21	11.12	0.99	ppb
Copper	63-2	45.67	45.68	45.48	45.61	0.25	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				111		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	28431.42	28310.18	28232.28	28324.63	0.35	ppb
Iron	57-2	27808.14	27961.39	27993.21	27920.91	0.35	ppb
Krypton	83-1						cps
Lead	206-1	43.29	42.52	42.07	42.62	1.44	ppb
Lead	207-1	39.48	38.94	38.55	38.99	1.20	ppb
Lead	208-1	41.03	40.42	40.14	40.53	1.11	ppb
Lithium	6-1				109		%
Magnesium	24-2	3823.15	3849.24	3789.58	3820.66	0.78	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13LX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 17:48:16	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	738.68	736.79	740.70	738.72	0.26	ppb
Molybdenum	94-1	8.16	8.16	8.00	8.11	1.10	ppb
Molybdenum	95-1	0.87	0.90	0.85	0.87	2.82	ppb
Molybdenum	96-1	1.95	1.98	1.99	1.97	1.15	ppb
Molybdenum	97-1	0.97	0.84	0.94	0.92	7.70	ppb
Molybdenum	98-1	0.89	0.86	0.86	0.87	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.80	24.83	25.01	24.88	0.45	ppb
Phosphorus	31-2	1097.02	1121.87	1040.23	1086.38	3.85	ppb
Potassium	39-2	1032.02	1038.42	1037.63	1036.02	0.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	12.18	12.91	10.94	12.01	8.30	ppb
Selenium	78-2	4.71	5.08	4.29	4.69	8.34	ppb
Selenium	82-1	1.65	2.04	2.42	2.03	18.98	ppb
Silicon	28-1	905.10	895.64	902.38	901.04	0.54	ppb
Silver	109-1	0.08	0.08	0.07	0.08	8.63	ppb
Silver	107-1	0.08	0.08	0.08	0.08	2.01	ppb
Sodium	23-2	54.21	55.62	54.82	54.89	1.29	ppb
Strontium	86-1	17.18	16.96	17.34	17.16	1.11	ppb
Strontium	88-1	17.40	17.34	17.31	17.35	0.25	ppb
Sulfur	34-1	1061.44	926.51	915.76	967.91	8.39	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.11	0.10	0.10	0.10	5.20	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	4.59	ppb
Thorium	232-1	2.59	2.54	2.55	2.56	0.99	ppb
Tin	118-1	0.20	0.20	0.20	0.20	0.64	ppb
Titanium	47-1	43.04	41.66	41.99	42.23	1.71	ppb
Uranium	238-1	0.79	0.78	0.76	0.77	1.80	ppb
Vanadium	51-2	20.76	20.71	20.66	20.71	0.25	ppb
Yttrium	89-1				113		%
Yttrium	89-2				114		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13LX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 17:48:16	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	69.39	68.20	69.48	69.02	1.03	ppb
Zirconium	90-1	4.86	4.82	4.70	4.79	1.79	ppb
Zirconium	91-1	4.80	4.71	4.69	4.73	1.30	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-14RE Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 17:51:51 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	76195.64	72682.59	72669.68	73849.30	2.75	ppb
Antimony	121-1	0.62	0.55	0.57	0.58	6.40	ppb
Arsenic	75-2	25.82	24.83	24.82	25.16	2.27	ppb
Barium	135-1	1742.83	1675.38	1748.46	1722.22	2.36	ppb
Barium	137-1	1716.08	1630.87	1712.85	1686.60	2.86	ppb
Beryllium	9-1	3.84	3.61	3.71	3.72	3.08	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	9.11	8.06	8.81	8.66	6.25	ppb
Boron	11-1	8.30	7.84	8.32	8.15	3.30	ppb
Cadmium	111-1	2.86	2.76	2.93	2.85	2.96	ppb
Cadmium	106-1	5.46	5.57	6.12	5.72	6.25	ppb
Cadmium	108-1	4.46	4.15	4.42	4.34	3.88	ppb
Calcium	43-1	9174.73	8813.00	9300.83	9096.19	2.78	ppb
Calcium	44-1	9076.35	8701.22	9088.92	8955.50	2.46	ppb
Chromium	52-2	81.35	77.94	77.15	78.82	2.83	ppb
Cobalt	59-2	43.57	42.38	42.17	42.71	1.77	ppb
Copper	63-2	193.76	186.56	186.35	188.89	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				113		%
Indium	115-1				108		%
Indium	115-2				110		%
Iron	56-2	115472.42	109662.13	110713.62	111949.39	2.77	ppb
Iron	57-2	114084.78	109525.34	108949.83	110853.32	2.54	ppb
Krypton	83-1						cps
Lead	206-1	198.11	189.99	201.41	196.50	2.99	ppb
Lead	207-1	182.93	173.89	183.79	180.20	3.04	ppb
Lead	208-1	189.01	181.10	191.93	187.35	2.99	ppb
Lithium	6-1				113		%
Magnesium	24-2	16426.81	15834.24	15800.34	16020.46	2.20	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-14RE	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:51:51	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2821.15	2684.33	2685.53	2730.33	2.88	ppb
Molybdenum	94-1	31.95	30.49	31.44	31.29	2.36	ppb
Molybdenum	95-1	3.86	3.83	4.00	3.90	2.41	ppb
Molybdenum	96-1	8.26	7.91	8.33	8.16	2.74	ppb
Molybdenum	97-1	4.01	3.88	4.14	4.01	3.21	ppb
Molybdenum	98-1	3.97	3.78	3.98	3.91	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.50	94.91	93.55	95.32	2.11	ppb
Phosphorus	31-2	5193.56	4955.50	4977.48	5042.18	2.61	ppb
Potassium	39-2	4400.12	4197.01	4221.58	4272.90	2.59	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	77-2	45.18	41.65	50.94	45.92	10.21	ppb
Selenium	78-2	15.30	14.82	14.34	14.82	3.26	ppb
Selenium	82-1	7.86	7.79	7.55	7.73	2.12	ppb
Silicon	28-1	3936.91	3723.10	3899.78	3853.26	2.96	ppb
Silver	109-1	0.32	0.31	0.30	0.31	3.30	ppb
Silver	107-1	0.32	0.33	0.32	0.32	0.55	ppb
Sodium	23-2	265.83	252.88	253.05	257.25	2.89	ppb
Strontium	86-1	76.01	73.74	76.33	75.36	1.87	ppb
Strontium	88-1	76.79	74.57	77.03	76.13	1.78	ppb
Sulfur	34-1	9066.94	8525.27	8990.95	8861.06	3.31	ppb
Terbium	159-1				115		%
Terbium	159-2				113		%
Thallium	203-1	0.49	0.47	0.48	0.48	2.17	ppb
Thallium	205-1	0.46	0.46	0.49	0.47	4.37	ppb
Thorium	232-1	11.09	10.62	11.18	10.96	2.73	ppb
Tin	118-1	1.05	1.05	1.05	1.05	0.39	ppb
Titanium	47-1	175.48	168.78	175.10	173.12	2.18	ppb
Uranium	238-1	3.77	3.63	3.80	3.73	2.43	ppb
Vanadium	51-2	89.40	86.28	85.79	87.16	2.25	ppb
Yttrium	89-1				138		%
Yttrium	89-2				138		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-14RE	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:51:51	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	278.42	267.18	264.14	269.92	2.79	ppb
Zirconium	90-1	18.65	18.07	18.89	18.54	2.29	ppb
Zirconium	91-1	18.62	17.82	18.68	18.37	2.62	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:01:58	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50754.70	50882.90	51047.97	50895.19	0.29	ppb
Antimony	121-1	495.98	502.77	512.95	503.90	1.70	ppb
Arsenic	75-2	505.24	503.11	506.25	504.87	0.32	ppb
Barium	135-1	2500.05	2514.23	2532.60	2515.62	0.65	ppb
Barium	137-1	2500.62	2510.32	2528.40	2513.11	0.56	ppb
Beryllium	9-1	474.71	473.36	481.58	476.55	0.92	ppb
Bismuth	209-1				87		%
Bismuth	209-2				83		%
Boron	10-1	447.57	455.70	479.62	460.96	3.61	ppb
Boron	11-1	450.01	462.90	481.75	464.89	3.43	ppb
Cadmium	111-1	491.18	499.13	509.65	499.99	1.85	ppb
Cadmium	106-1	501.05	506.29	518.07	508.47	1.71	ppb
Cadmium	108-1	502.55	504.19	506.38	504.38	0.38	ppb
Calcium	43-1	232489.99	233428.27	234941.04	233619.77	0.53	ppb
Calcium	44-1	230726.87	233516.79	234750.62	232998.09	0.88	ppb
Chromium	52-2	495.44	494.44	496.45	495.44	0.20	ppb
Cobalt	59-2	467.01	466.90	468.21	467.37	0.15	ppb
Copper	63-2	975.06	982.65	979.05	978.92	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	56-2	124325.61	124183.55	123816.98	124108.72	0.21	ppb
Iron	57-2	124437.84	123785.51	123852.59	124025.32	0.29	ppb
Krypton	83-1						cps
Lead	206-1	503.97	506.56	517.91	509.48	1.45	ppb
Lead	207-1	498.70	498.09	512.13	502.97	1.58	ppb
Lead	208-1	503.01	501.22	511.94	505.39	1.14	ppb
Lithium	6-1				96		%
Magnesium	24-2	256154.13	256084.57	256708.15	256315.61	0.13	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:01:58	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	961.96	964.79	962.46	963.07	0.16	ppb
Molybdenum	94-1	2483.83	2445.81	2511.88	2480.51	1.34	ppb
Molybdenum	95-1	2469.18	2441.39	2500.29	2470.29	1.19	ppb
Molybdenum	96-1	2481.84	2448.03	2492.84	2474.24	0.94	ppb
Molybdenum	97-1	2482.14	2447.76	2477.29	2469.06	0.75	ppb
Molybdenum	98-1	2507.26	2451.48	2475.45	2478.06	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.77	473.53	471.82	472.37	0.21	ppb
Phosphorus	31-2	9751.42	9678.59	9695.50	9708.50	0.39	ppb
Potassium	39-2	122967.72	121883.83	122103.69	122318.41	0.47	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	496.50	493.12	512.11	500.58	2.02	ppb
Selenium	78-2	496.26	504.51	495.45	498.74	1.00	ppb
Selenium	82-1	478.78	479.19	489.46	482.47	1.25	ppb
Silicon	28-1	513.52	518.82	522.10	518.15	0.84	ppb
Silver	109-1	458.05	458.03	466.96	461.01	1.12	ppb
Silver	107-1	459.45	457.53	463.62	460.20	0.68	ppb
Sodium	23-2	235744.71	236403.47	236432.25	236193.47	0.16	ppb
Strontium	86-1	492.02	492.41	500.64	495.02	0.98	ppb
Strontium	88-1	497.93	492.61	497.94	496.16	0.62	ppb
Sulfur	34-1	9275.90	9492.05	9415.99	9394.65	1.17	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	519.70	515.05	520.53	518.42	0.57	ppb
Thallium	205-1	516.61	513.71	522.30	517.54	0.84	ppb
Thorium	232-1	504.38	497.99	504.81	502.39	0.76	ppb
Tin	118-1	484.59	491.34	499.35	491.76	1.50	ppb
Titanium	47-1	2462.53	2491.45	2492.14	2482.04	0.68	ppb
Uranium	238-1	493.76	494.36	497.59	495.24	0.42	ppb
Vanadium	51-2	491.49	487.70	491.60	490.26	0.45	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:01:58	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	921.18	932.26	933.02	928.82	0.71	ppb
Zirconium	90-1	502.58	493.42	501.78	499.26	1.02	ppb
Zirconium	91-1	494.05	493.30	507.26	498.20	1.58	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:08:26	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.33	1.30	1.17	1.27	6.50	ppb
Antimony	121-1	0.08	0.07	0.08	0.08	7.21	ppb
Arsenic	75-2	0.04	0.00	0.01	0.02	100.39	ppb
Barium	135-1	0.06	0.06	0.07	0.07	10.03	ppb
Barium	137-1	0.08	0.09	0.08	0.08	6.41	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	12.76	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Boron	10-1	6.36	6.52	5.69	6.19	7.07	ppb
Boron	11-1	6.66	6.28	6.00	6.31	5.24	ppb
Cadmium	111-1	-0.20	-0.04	-0.12	-0.12		ppb
Cadmium	106-1	-2.88	-0.76	-1.86	-1.83		ppb
Cadmium	108-1	0.06	0.03	0.00	0.03	88.73	ppb
Calcium	43-1	3.57	2.91	4.31	3.60	19.40	ppb
Calcium	44-1	2.93	3.26	3.44	3.21	7.98	ppb
Chromium	52-2	0.05	0.04	0.05	0.05	10.68	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	73.29	ppb
Copper	63-2	0.02	0.03	0.02	0.03	14.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				111		%
Iron	56-2	3.70	3.77	4.16	3.88	6.39	ppb
Iron	57-2	3.99	3.76	3.95	3.90	3.22	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	30.29	ppb
Lead	207-1	0.01	0.02	0.01	0.01	49.31	ppb
Lead	208-1	0.01	0.01	0.00	0.01	32.45	ppb
Lithium	6-1				113		%
Magnesium	24-2	6.98	6.16	7.20	6.78	8.07	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:08:26	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.05	0.05	0.04	25.41	ppb
Molybdenum	94-1	0.16	0.18	0.11	0.15	25.38	ppb
Molybdenum	95-1	0.20	0.16	0.15	0.17	15.67	ppb
Molybdenum	96-1	0.16	0.15	0.15	0.15	3.02	ppb
Molybdenum	97-1	0.16	0.17	0.15	0.16	7.40	ppb
Molybdenum	98-1	0.18	0.17	0.16	0.17	7.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.00	187.70	ppb
Phosphorus	31-2	-23.80	-23.98	-22.68	-23.48		ppb
Potassium	39-2	4.04	4.79	8.19	5.67	38.94	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	77-2	0.00	0.29	0.00	0.10	173.21	ppb
Selenium	78-2	0.12	0.48	-0.10	0.17	177.45	ppb
Selenium	82-1	0.00	-0.17	0.15	-0.01		ppb
Silicon	28-1	-0.33	-0.14	-0.07	-0.18		ppb
Silver	109-1	0.02	0.03	0.02	0.02	28.54	ppb
Silver	107-1	0.03	0.02	0.02	0.02	13.98	ppb
Sodium	23-2	9.15	9.63	10.73	9.84	8.27	ppb
Strontium	86-1	0.02	0.04	0.01	0.03	60.75	ppb
Strontium	88-1	0.00	0.00	0.01	0.01	51.26	ppb
Sulfur	34-1	-539.73	-503.59	-470.66	-504.66		ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.03	0.03	0.03	8.04	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	6.37	ppb
Thorium	232-1	0.03	0.03	0.02	0.03	8.69	ppb
Tin	118-1	0.02	0.02	0.01	0.02	19.59	ppb
Titanium	47-1	0.05	0.06	0.04	0.05	15.30	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.77	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	13.27	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:08:26	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.09	-0.15	-0.11	-0.12		ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	51.17	ppb
Zirconium	91-1	0.00	0.01	0.04	0.02	122.02	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-14 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 18:13:53 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90904.73	88854.00	89725.69	89828.14	1.15	ppb
Antimony	121-1	496.00	492.20	498.11	495.43	0.60	ppb
Arsenic	75-2	406.47	401.65	402.83	403.65	0.62	ppb
Barium	135-1	4074.20	4003.69	4039.60	4039.16	0.87	ppb
Barium	137-1	4066.54	4040.25	4033.65	4046.81	0.43	ppb
Beryllium	9-1	480.42	480.99	483.79	481.74	0.37	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	418.34	426.70	437.33	427.46	2.23	ppb
Boron	11-1	414.65	423.46	434.94	424.35	2.40	ppb
Cadmium	111-1	452.66	447.78	452.58	451.01	0.62	ppb
Cadmium	106-1	478.51	469.99	483.44	477.32	1.43	ppb
Cadmium	108-1	460.70	464.40	467.46	464.19	0.73	ppb
Calcium	43-1	49573.46	49700.52	50075.02	49783.00	0.52	ppb
Calcium	44-1	49326.62	49378.55	49450.89	49385.35	0.13	ppb
Chromium	52-2	542.46	538.93	541.22	540.87	0.33	ppb
Cobalt	59-2	513.46	508.28	509.20	510.31	0.54	ppb
Copper	63-2	1061.77	1048.75	1047.64	1052.72	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	151876.03	148823.36	148953.70	149884.36	1.15	ppb
Iron	57-2	150451.84	148131.34	147601.07	148728.08	1.02	ppb
Krypton	83-1						cps
Lead	206-1	738.82	727.50	729.76	732.02	0.82	ppb
Lead	207-1	695.32	685.41	683.10	687.94	0.94	ppb
Lead	208-1	713.01	704.82	706.35	708.06	0.61	ppb
Lithium	6-1				109		%
Magnesium	24-2	59568.74	58709.05	58709.61	58995.80	0.84	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-14	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:13:53	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4264.85	4211.08	4237.23	4237.72	0.63	ppb
Molybdenum	94-1	1907.80	1901.38	1895.47	1901.55	0.32	ppb
Molybdenum	95-1	1826.14	1814.95	1800.52	1813.87	0.71	ppb
Molybdenum	96-1	1848.23	1834.28	1816.45	1832.99	0.87	ppb
Molybdenum	97-1	1823.56	1812.95	1813.57	1816.69	0.33	ppb
Molybdenum	98-1	1825.80	1821.97	1817.54	1821.77	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	577.59	568.09	572.17	572.61	0.83	ppb
Phosphorus	31-2	4862.03	4887.43	4713.72	4821.06	1.95	ppb
Potassium	39-2	26325.09	25870.02	26131.68	26108.93	0.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				112		%
Scandium	45-2				114		%
Selenium	77-2	448.44	414.35	411.32	424.70	4.85	ppb
Selenium	78-2	387.48	391.49	391.76	390.25	0.61	ppb
Selenium	82-1	387.69	384.07	385.63	385.80	0.47	ppb
Silicon	28-1	5233.88	5199.70	5229.15	5220.91	0.35	ppb
Silver	109-1	423.92	419.41	415.83	419.72	0.97	ppb
Silver	107-1	429.65	417.95	418.08	421.89	1.59	ppb
Sodium	23-2	41122.66	40798.30	40724.30	40881.76	0.52	ppb
Strontium	86-1	468.02	468.42	470.85	469.10	0.33	ppb
Strontium	88-1	476.70	469.12	468.62	471.48	0.96	ppb
Sulfur	34-1	9181.22	9230.05	9117.88	9176.38	0.61	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	524.48	516.42	520.18	520.36	0.77	ppb
Thallium	205-1	519.36	517.31	516.78	517.81	0.26	ppb
Thorium	232-1	13.53	13.56	13.67	13.59	0.55	ppb
Tin	118-1	456.25	449.35	455.98	453.86	0.86	ppb
Titanium	47-1	2337.61	2317.13	2320.93	2325.23	0.47	ppb
Uranium	238-1	487.27	485.02	479.28	483.86	0.85	ppb
Vanadium	51-2	560.86	554.91	556.76	557.51	0.55	ppb
Yttrium	89-1				133		%
Yttrium	89-2				134		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-14	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:13:53	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	966.40	957.18	954.15	959.24	0.67	ppb
Zirconium	90-1	423.12	419.90	422.00	421.67	0.39	ppb
Zirconium	91-1	418.97	417.80	423.49	420.09	0.71	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-15 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 18:17:29 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91470.11	92093.97	91541.45	91701.85	0.37	ppb
Antimony	121-1	511.98	490.74	501.15	501.29	2.12	ppb
Arsenic	75-2	403.07	410.58	405.04	406.23	0.96	ppb
Barium	135-1	4188.52	3987.23	4014.02	4063.25	2.69	ppb
Barium	137-1	4209.65	3964.43	4036.96	4070.35	3.09	ppb
Beryllium	9-1	494.77	468.78	478.31	480.62	2.74	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	440.11	432.90	448.39	440.46	1.76	ppb
Boron	11-1	443.84	435.56	444.35	441.25	1.12	ppb
Cadmium	111-1	466.87	446.11	453.59	455.52	2.31	ppb
Cadmium	106-1	488.30	461.51	465.63	471.82	3.06	ppb
Cadmium	108-1	477.68	450.74	461.28	463.23	2.93	ppb
Calcium	43-1	51568.70	49222.62	49860.02	50217.11	2.42	ppb
Calcium	44-1	51248.60	48799.98	49159.20	49735.93	2.66	ppb
Chromium	52-2	551.90	550.91	552.38	551.73	0.14	ppb
Cobalt	59-2	520.09	516.34	519.88	518.77	0.41	ppb
Copper	63-2	1067.11	1062.77	1069.20	1066.36	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	153605.04	152371.32	152768.21	152914.85	0.41	ppb
Iron	57-2	152028.15	150406.68	150603.03	151012.62	0.59	ppb
Krypton	83-1						cps
Lead	206-1	772.77	736.39	732.77	747.31	2.96	ppb
Lead	207-1	725.71	691.12	685.88	700.90	3.09	ppb
Lead	208-1	748.15	710.12	704.42	720.90	3.30	ppb
Lithium	6-1				106		%
Magnesium	24-2	60713.34	60491.39	60488.15	60564.29	0.21	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-15	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:17:29	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4336.18	4302.62	4308.91	4315.91	0.41	ppb
Molybdenum	94-1	1972.32	1887.33	1891.84	1917.16	2.49	ppb
Molybdenum	95-1	1874.88	1789.12	1805.29	1823.10	2.50	ppb
Molybdenum	96-1	1892.14	1803.37	1819.23	1838.25	2.58	ppb
Molybdenum	97-1	1870.23	1797.09	1813.17	1826.83	2.10	ppb
Molybdenum	98-1	1863.46	1798.17	1813.90	1825.18	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	581.96	580.57	583.47	582.00	0.25	ppb
Phosphorus	31-2	4948.50	4969.47	4954.37	4957.44	0.22	ppb
Potassium	39-2	26525.90	26342.82	26614.23	26494.32	0.52	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	433.35	425.81	418.82	425.99	1.71	ppb
Selenium	78-2	390.73	396.99	388.13	391.95	1.16	ppb
Selenium	82-1	397.15	383.37	385.62	388.71	1.90	ppb
Silicon	28-1	6161.24	5514.38	5479.57	5718.40	6.71	ppb
Silver	109-1	430.95	408.13	417.70	418.93	2.73	ppb
Silver	107-1	431.48	411.43	415.87	419.59	2.51	ppb
Sodium	23-2	41916.10	41735.75	41723.96	41791.94	0.26	ppb
Strontium	86-1	490.68	470.78	475.67	479.04	2.16	ppb
Strontium	88-1	488.81	467.29	467.57	474.55	2.60	ppb
Sulfur	34-1	9396.05	8766.95	8691.62	8951.54	4.32	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	549.28	520.76	515.23	528.42	3.46	ppb
Thallium	205-1	547.03	515.77	514.94	525.91	3.48	ppb
Thorium	232-1	14.43	13.73	13.69	13.95	2.99	ppb
Tin	118-1	468.67	449.92	457.35	458.65	2.06	ppb
Titanium	47-1	2423.62	2283.49	2311.71	2339.61	3.17	ppb
Uranium	238-1	510.26	482.15	482.29	491.57	3.29	ppb
Vanadium	51-2	569.58	565.43	568.68	567.89	0.38	ppb
Yttrium	89-1				129		%
Yttrium	89-2				128		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-15	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:17:29	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	975.39	975.36	975.37	975.38	0.00	ppb
Zirconium	90-1	439.49	415.93	421.94	425.79	2.87	ppb
Zirconium	91-1	437.44	417.73	421.83	425.67	2.44	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13A Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01A Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 18:21:07 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91741.96	91143.00	90651.01	91178.66	0.60	ppb
Antimony	121-1	490.66	491.17	493.68	491.84	0.33	ppb
Arsenic	75-2	399.16	404.37	402.29	401.94	0.65	ppb
Barium	135-1	4011.27	3993.15	3978.65	3994.36	0.41	ppb
Barium	137-1	4009.83	3980.87	4003.12	3997.94	0.38	ppb
Beryllium	9-1	474.47	475.12	470.26	473.28	0.56	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	422.13	434.94	439.35	432.14	2.07	ppb
Boron	11-1	426.74	433.78	442.01	434.17	1.76	ppb
Cadmium	111-1	446.01	444.10	444.69	444.93	0.22	ppb
Cadmium	106-1	459.87	462.57	461.30	461.24	0.29	ppb
Cadmium	108-1	452.17	457.70	452.47	454.11	0.68	ppb
Calcium	43-1	49323.22	50117.70	49492.06	49644.33	0.84	ppb
Calcium	44-1	49094.02	48905.11	49032.20	49010.44	0.20	ppb
Chromium	52-2	547.20	545.96	545.02	546.06	0.20	ppb
Cobalt	59-2	512.78	511.26	514.86	512.97	0.35	ppb
Copper	63-2	1050.33	1052.70	1054.47	1052.50	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	151439.44	151361.50	151261.57	151354.17	0.06	ppb
Iron	57-2	149992.88	149651.10	149475.06	149706.35	0.18	ppb
Krypton	83-1						cps
Lead	206-1	742.96	731.19	749.51	741.22	1.25	ppb
Lead	207-1	696.11	688.77	700.69	695.19	0.86	ppb
Lead	208-1	714.34	707.52	719.41	713.76	0.84	ppb
Lithium	6-1				105		%
Magnesium	24-2	60227.44	59857.17	59907.87	59997.49	0.33	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13A	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:21:07	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4289.91	4282.32	4246.28	4272.84	0.55	ppb
Molybdenum	94-1	1900.16	1880.03	1886.59	1888.93	0.54	ppb
Molybdenum	95-1	1806.06	1795.29	1796.39	1799.25	0.33	ppb
Molybdenum	96-1	1817.73	1796.93	1816.65	1810.44	0.65	ppb
Molybdenum	97-1	1808.05	1779.02	1799.57	1795.55	0.83	ppb
Molybdenum	98-1	1815.33	1794.05	1789.02	1799.47	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	574.47	574.54	576.32	575.11	0.18	ppb
Phosphorus	31-2	4912.19	4887.65	4903.20	4901.01	0.25	ppb
Potassium	39-2	26340.41	26290.57	26071.58	26234.18	0.55	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	421.46	442.69	418.65	427.60	3.07	ppb
Selenium	78-2	392.00	391.39	393.07	392.15	0.22	ppb
Selenium	82-1	383.48	383.26	384.88	383.87	0.23	ppb
Silicon	28-1	5513.69	5412.97	5383.71	5436.79	1.25	ppb
Silver	109-1	413.09	413.29	408.40	411.59	0.67	ppb
Silver	107-1	414.60	411.33	408.98	411.64	0.69	ppb
Sodium	23-2	41854.27	41598.43	41688.11	41713.60	0.31	ppb
Strontium	86-1	473.23	471.67	471.95	472.28	0.18	ppb
Strontium	88-1	475.04	471.25	469.77	472.02	0.58	ppb
Sulfur	34-1	8845.90	8924.03	8740.28	8836.74	1.04	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	524.08	520.56	525.62	523.42	0.50	ppb
Thallium	205-1	524.41	520.61	530.32	525.11	0.93	ppb
Thorium	232-1	13.64	13.75	13.92	13.77	1.02	ppb
Tin	118-1	446.41	451.82	447.45	448.56	0.64	ppb
Titanium	47-1	2331.00	2345.18	2352.01	2342.73	0.46	ppb
Uranium	238-1	482.28	481.95	494.50	486.24	1.47	ppb
Vanadium	51-2	563.77	561.82	564.75	563.45	0.26	ppb
Yttrium	89-1				127		%
Yttrium	89-2				127		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13A	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:21:07	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	960.19	963.02	961.19	961.47	0.15	ppb
Zirconium	90-1	422.30	418.62	420.97	420.63	0.44	ppb
Zirconium	91-1	421.67	417.27	422.46	420.46	0.67	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-16	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:24:43	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75735.96	74848.21	75075.54	75219.90	0.61	ppb
Antimony	121-1	0.52	0.49	0.52	0.51	3.79	ppb
Arsenic	75-2	23.43	23.97	23.06	23.49	1.95	ppb
Barium	135-1	1704.45	1682.77	1684.24	1690.48	0.72	ppb
Barium	137-1	1662.41	1651.78	1650.87	1655.02	0.39	ppb
Beryllium	9-1	4.06	4.12	4.12	4.10	0.85	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	27.61	24.20	23.57	25.13	8.64	ppb
Boron	11-1	27.05	25.04	23.46	25.19	7.15	ppb
Cadmium	111-1	2.77	2.88	2.84	2.83	1.98	ppb
Cadmium	106-1	5.19	5.39	5.25	5.28	1.98	ppb
Cadmium	108-1	4.31	3.56	3.34	3.74	13.55	ppb
Calcium	43-1	12894.68	13024.98	12889.55	12936.40	0.59	ppb
Calcium	44-1	12778.47	12845.24	12660.77	12761.49	0.73	ppb
Chromium	52-2	74.41	74.42	73.53	74.12	0.69	ppb
Cobalt	59-2	47.03	47.22	47.44	47.23	0.43	ppb
Copper	63-2	183.18	182.11	182.94	182.74	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	107031.11	106488.95	105726.68	106415.58	0.62	ppb
Iron	57-2	105262.41	104609.66	104403.06	104758.38	0.43	ppb
Krypton	83-1						cps
Lead	206-1	195.85	193.21	193.79	194.28	0.71	ppb
Lead	207-1	179.11	177.04	176.38	177.51	0.80	ppb
Lead	208-1	186.88	184.69	184.95	185.51	0.65	ppb
Lithium	6-1				110		%
Magnesium	24-2	15776.43	15672.20	15691.31	15713.31	0.35	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-16	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:24:43	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3986.84	3966.23	3945.31	3966.13	0.52	ppb
Molybdenum	94-1	19.28	19.31	19.63	19.41	1.02	ppb
Molybdenum	95-1	3.25	3.19	3.24	3.23	1.04	ppb
Molybdenum	96-1	5.99	5.98	6.10	6.02	1.07	ppb
Molybdenum	97-1	3.29	3.12	3.21	3.21	2.64	ppb
Molybdenum	98-1	3.18	3.13	3.13	3.15	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.75	88.49	88.65	88.63	0.15	ppb
Phosphorus	31-2	3971.61	4116.64	4057.92	4048.72	1.80	ppb
Potassium	39-2	4776.62	4703.10	4718.34	4732.69	0.82	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	77-2	44.69	44.47	48.41	45.86	4.83	ppb
Selenium	78-2	14.13	14.22	15.26	14.54	4.32	ppb
Selenium	82-1	6.65	6.67	6.80	6.71	1.22	ppb
Silicon	28-1	862.69	854.87	845.08	854.21	1.03	ppb
Silver	109-1	0.48	0.49	0.46	0.48	2.45	ppb
Silver	107-1	0.49	0.47	0.49	0.48	3.32	ppb
Sodium	23-2	392.12	391.22	393.12	392.15	0.24	ppb
Strontium	86-1	108.04	107.82	105.86	107.24	1.12	ppb
Strontium	88-1	108.33	107.90	108.05	108.09	0.20	ppb
Sulfur	34-1	7469.45	7468.37	7440.13	7459.32	0.22	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.70	0.65	0.70	0.69	4.52	ppb
Thallium	205-1	0.66	0.68	0.66	0.67	1.88	ppb
Thorium	232-1	14.85	14.97	14.93	14.91	0.42	ppb
Tin	118-1	1.00	0.97	0.97	0.98	1.86	ppb
Titanium	47-1	71.35	72.91	71.12	71.79	1.36	ppb
Uranium	238-1	3.39	3.35	3.33	3.36	0.82	ppb
Vanadium	51-2	75.56	75.95	75.97	75.83	0.31	ppb
Yttrium	89-1				133		%
Yttrium	89-2				135		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-16	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:24:43	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	262.52	260.35	259.37	260.75	0.62	ppb
Zirconium	90-1	11.09	10.98	11.02	11.03	0.51	ppb
Zirconium	91-1	11.02	10.91	11.01	10.98	0.53	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-17	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:28:20	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79956.61	79397.29	79144.18	79499.36	0.52	ppb
Antimony	121-1	0.35	0.33	0.32	0.34	4.54	ppb
Arsenic	75-2	16.02	16.34	16.75	16.37	2.24	ppb
Barium	135-1	1501.44	1484.25	1494.38	1493.36	0.58	ppb
Barium	137-1	1461.29	1460.10	1469.21	1463.54	0.34	ppb
Beryllium	9-1	3.08	3.10	3.01	3.06	1.56	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	16.02	16.19	17.03	16.41	3.28	ppb
Boron	11-1	16.46	16.48	16.33	16.42	0.48	ppb
Cadmium	111-1	2.07	1.98	2.11	2.05	3.31	ppb
Cadmium	106-1	5.56	4.40	4.92	4.96	11.74	ppb
Cadmium	108-1	3.39	3.45	3.62	3.49	3.44	ppb
Calcium	43-1	14485.15	14320.96	14304.16	14370.09	0.70	ppb
Calcium	44-1	14332.97	14305.25	14289.10	14309.11	0.16	ppb
Chromium	52-2	77.62	77.56	77.31	77.50	0.21	ppb
Cobalt	59-2	41.71	41.84	41.82	41.79	0.17	ppb
Copper	63-2	146.62	146.28	144.51	145.80	0.78	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				113		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	118968.19	118108.84	117464.54	118180.53	0.64	ppb
Iron	57-2	117570.24	116668.90	116310.09	116849.74	0.56	ppb
Krypton	83-1						cps
Lead	206-1	154.12	152.42	152.14	152.89	0.70	ppb
Lead	207-1	140.53	138.76	138.53	139.27	0.78	ppb
Lead	208-1	146.20	144.87	144.77	145.28	0.55	ppb
Lithium	6-1				113		%
Magnesium	24-2	19618.28	19462.43	19478.82	19519.84	0.44	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-17	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:28:20	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3612.28	3586.33	3572.11	3590.24	0.57	ppb
Molybdenum	94-1	26.25	26.09	26.00	26.11	0.48	ppb
Molybdenum	95-1	2.56	2.42	2.45	2.48	2.98	ppb
Molybdenum	96-1	6.40	6.24	6.25	6.30	1.44	ppb
Molybdenum	97-1	2.50	2.42	2.37	2.43	2.61	ppb
Molybdenum	98-1	2.36	2.45	2.31	2.37	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.09	93.74	92.24	93.02	0.81	ppb
Phosphorus	31-2	4681.30	4678.63	4402.40	4587.44	3.49	ppb
Potassium	39-2	5528.65	5531.39	5478.78	5512.94	0.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				113		%
Scandium	45-2				113		%
Selenium	77-2	44.28	45.17	43.58	44.34	1.79	ppb
Selenium	78-2	13.37	12.21	13.26	12.95	4.98	ppb
Selenium	82-1	4.99	4.79	4.80	4.86	2.31	ppb
Silicon	28-1	4677.09	4664.13	4659.18	4666.80	0.20	ppb
Silver	109-1	0.30	0.29	0.30	0.29	2.51	ppb
Silver	107-1	0.29	0.30	0.32	0.30	5.02	ppb
Sodium	23-2	355.47	353.49	349.40	352.79	0.88	ppb
Strontium	86-1	104.80	104.94	106.37	105.37	0.82	ppb
Strontium	88-1	106.37	106.72	107.27	106.79	0.43	ppb
Sulfur	34-1	5420.83	5270.52	5245.59	5312.31	1.78	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.60	0.59	0.57	0.59	2.99	ppb
Thallium	205-1	0.62	0.57	0.57	0.59	4.90	ppb
Thorium	232-1	14.23	14.21	14.13	14.19	0.37	ppb
Tin	118-1	0.80	0.81	0.82	0.81	1.70	ppb
Titanium	47-1	137.17	140.82	134.44	137.48	2.33	ppb
Uranium	238-1	2.92	2.89	2.98	2.93	1.51	ppb
Vanadium	51-2	84.70	84.46	84.17	84.45	0.31	ppb
Yttrium	89-1				133		%
Yttrium	89-2				134		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-17	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:28:20	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	269.31	266.30	262.70	266.10	1.24	ppb
Zirconium	90-1	16.03	15.75	16.03	15.94	1.03	ppb
Zirconium	91-1	15.95	15.77	15.99	15.91	0.74	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-18	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:31:57	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94114.80	93573.25	94619.78	94102.61	0.56	ppb
Antimony	121-1	0.24	0.22	0.23	0.23	4.66	ppb
Arsenic	75-2	34.66	34.74	34.65	34.69	0.15	ppb
Barium	135-1	1330.62	1315.90	1332.11	1326.21	0.68	ppb
Barium	137-1	1305.50	1293.74	1305.63	1301.62	0.52	ppb
Beryllium	9-1	4.02	4.09	4.14	4.08	1.39	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	17.05	17.41	16.75	17.07	1.95	ppb
Boron	11-1	16.47	16.63	17.04	16.72	1.73	ppb
Cadmium	111-1	1.29	1.25	1.32	1.29	2.82	ppb
Cadmium	106-1	6.40	5.25	5.74	5.80	9.91	ppb
Cadmium	108-1	3.33	3.80	3.54	3.56	6.62	ppb
Calcium	43-1	11014.15	11103.45	10901.88	11006.50	0.92	ppb
Calcium	44-1	10884.93	10863.76	10868.91	10872.53	0.10	ppb
Chromium	52-2	97.71	97.43	98.66	97.93	0.66	ppb
Cobalt	59-2	63.81	63.98	64.73	64.17	0.77	ppb
Copper	63-2	109.85	109.39	110.66	109.97	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	221875.65	221061.23	220701.30	221212.72	0.27	ppb
Iron	57-2	218398.73	218946.41	218771.46	218705.53	0.13	ppb
Krypton	83-1						cps
Lead	206-1	225.60	226.65	225.35	225.87	0.30	ppb
Lead	207-1	205.00	206.00	204.09	205.03	0.47	ppb
Lead	208-1	214.14	215.08	213.16	214.13	0.45	ppb
Lithium	6-1				112		%
Magnesium	24-2	27868.49	27690.69	28154.17	27904.45	0.84	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-18	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:31:57	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7765.26	7719.78	7719.40	7734.81	0.34	ppb
Molybdenum	94-1	36.72	37.40	36.72	36.95	1.07	ppb
Molybdenum	95-1	3.24	3.30	3.30	3.28	1.06	ppb
Molybdenum	96-1	9.23	9.29	9.16	9.23	0.71	ppb
Molybdenum	97-1	3.19	3.07	3.19	3.15	2.21	ppb
Molybdenum	98-1	3.14	3.06	3.16	3.12	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.40	124.65	126.08	125.04	0.73	ppb
Phosphorus	31-2	5940.26	5947.64	5892.06	5926.65	0.51	ppb
Potassium	39-2	7829.06	7870.80	7842.88	7847.58	0.27	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	77-2	36.51	38.41	37.66	37.53	2.54	ppb
Selenium	78-2	8.85	9.62	8.96	9.14	4.60	ppb
Selenium	82-1	2.74	2.51	2.99	2.74	8.72	ppb
Silicon	28-1	6598.39	6617.81	6602.46	6606.22	0.16	ppb
Silver	109-1	0.28	0.30	0.28	0.29	4.84	ppb
Silver	107-1	0.29	0.30	0.30	0.30	2.94	ppb
Sodium	23-2	522.03	523.00	527.29	524.11	0.53	ppb
Strontium	86-1	80.26	80.30	80.30	80.28	0.03	ppb
Strontium	88-1	82.00	81.14	81.49	81.54	0.53	ppb
Sulfur	34-1	1441.90	1397.21	1483.30	1440.80	2.99	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.83	0.79	0.81	0.81	2.39	ppb
Thallium	205-1	0.76	0.79	0.77	0.77	1.83	ppb
Thorium	232-1	18.67	18.78	18.97	18.81	0.81	ppb
Tin	118-1	0.89	0.97	0.87	0.91	6.22	ppb
Titanium	47-1	179.70	178.68	177.60	178.66	0.59	ppb
Uranium	238-1	2.95	2.95	2.96	2.95	0.26	ppb
Vanadium	51-2	130.11	128.54	130.91	129.85	0.93	ppb
Yttrium	89-1				125		%
Yttrium	89-2				126		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-18	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:31:57	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	502.18	506.62	507.34	505.38	0.55	ppb
Zirconium	90-1	22.80	22.71	22.72	22.74	0.23	ppb
Zirconium	91-1	22.41	22.68	22.77	22.62	0.82	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-19	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:35:34	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87465.19	86812.93	86584.55	86954.23	0.53	ppb
Antimony	121-1	0.32	0.28	0.29	0.30	6.30	ppb
Arsenic	75-2	34.40	33.52	33.09	33.67	1.97	ppb
Barium	135-1	1527.14	1550.84	1544.19	1540.72	0.79	ppb
Barium	137-1	1522.57	1524.76	1514.98	1520.77	0.34	ppb
Beryllium	9-1	4.59	4.60	4.38	4.52	2.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	17.09	16.86	17.38	17.11	1.52	ppb
Boron	11-1	16.83	17.14	17.37	17.12	1.60	ppb
Cadmium	111-1	1.51	1.45	1.53	1.49	2.75	ppb
Cadmium	106-1	5.18	4.62	4.79	4.86	5.93	ppb
Cadmium	108-1	3.23	3.27	3.12	3.21	2.42	ppb
Calcium	43-1	13808.05	13705.57	13706.22	13739.95	0.43	ppb
Calcium	44-1	13567.26	13574.85	13614.81	13585.64	0.19	ppb
Chromium	52-2	94.10	94.07	92.93	93.70	0.71	ppb
Cobalt	59-2	47.46	46.95	46.94	47.12	0.64	ppb
Copper	63-2	145.25	144.56	142.81	144.21	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	171918.23	168985.48	168419.14	169774.28	1.11	ppb
Iron	57-2	169837.73	168358.46	167779.17	168658.45	0.63	ppb
Krypton	83-1						cps
Lead	206-1	373.36	374.93	378.93	375.74	0.76	ppb
Lead	207-1	341.90	345.04	349.06	345.33	1.04	ppb
Lead	208-1	356.15	357.76	359.96	357.96	0.53	ppb
Lithium	6-1				112		%
Magnesium	24-2	27369.72	27178.61	27188.07	27245.46	0.40	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-19	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:35:34	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5507.29	5418.48	5382.44	5436.07	1.18	ppb
Molybdenum	94-1	30.46	30.51	30.56	30.51	0.15	ppb
Molybdenum	95-1	2.92	2.94	2.91	2.92	0.50	ppb
Molybdenum	96-1	7.65	7.83	7.76	7.75	1.16	ppb
Molybdenum	97-1	3.09	2.82	2.84	2.92	5.09	ppb
Molybdenum	98-1	2.88	2.83	2.75	2.82	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.39	107.59	107.19	107.72	0.57	ppb
Phosphorus	31-2	5246.67	5252.17	5227.92	5242.25	0.24	ppb
Potassium	39-2	5601.61	5625.99	5529.42	5585.67	0.90	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	77-2	39.93	43.79	37.83	40.52	7.46	ppb
Selenium	78-2	10.30	10.22	10.70	10.40	2.46	ppb
Selenium	82-1	2.89	3.30	3.11	3.10	6.63	ppb
Silicon	28-1	4525.46	4442.64	4486.46	4484.85	0.92	ppb
Silver	109-1	0.34	0.34	0.35	0.34	2.37	ppb
Silver	107-1	0.34	0.34	0.33	0.34	2.53	ppb
Sodium	23-2	492.39	487.79	489.09	489.76	0.48	ppb
Strontium	86-1	110.64	111.87	112.37	111.63	0.80	ppb
Strontium	88-1	112.35	113.01	112.67	112.68	0.29	ppb
Sulfur	34-1	1882.64	1811.58	1810.26	1834.83	2.26	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.70	0.71	0.73	0.71	2.12	ppb
Thallium	205-1	0.72	0.73	0.72	0.72	0.74	ppb
Thorium	232-1	16.70	16.68	16.65	16.68	0.15	ppb
Tin	118-1	1.99	2.03	2.05	2.02	1.38	ppb
Titanium	47-1	119.98	119.73	128.79	122.83	4.20	ppb
Uranium	238-1	2.68	2.66	2.72	2.69	1.07	ppb
Vanadium	51-2	137.31	136.84	135.07	136.41	0.87	ppb
Yttrium	89-1				128		%
Yttrium	89-2				127		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-19	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:35:34	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	491.47	491.17	488.74	490.46	0.30	ppb
Zirconium	90-1	18.47	18.81	18.71	18.66	0.92	ppb
Zirconium	91-1	18.55	18.66	18.84	18.68	0.78	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-20	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:39:11	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	154931.19	155039.29	153332.21	154434.23	0.62	ppb
Antimony	121-1	0.33	0.32	0.32	0.32	2.33	ppb
Arsenic	75-2	45.47	45.50	45.99	45.65	0.63	ppb
Barium	135-1	2179.53	2085.28	2167.10	2143.97	2.39	ppb
Barium	137-1	2196.02	2086.49	2152.86	2145.12	2.57	ppb
Beryllium	9-1	7.10	7.20	7.26	7.18	1.14	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Boron	10-1	14.49	15.02	14.63	14.71	1.84	ppb
Boron	11-1	14.82	14.19	15.00	14.67	2.91	ppb
Cadmium	111-1	2.05	1.98	2.02	2.02	1.93	ppb
Cadmium	106-1	9.32	8.58	9.10	9.00	4.24	ppb
Cadmium	108-1	4.99	4.73	5.13	4.95	4.14	ppb
Calcium	43-1	9181.98	8753.66	9272.88	9069.51	3.06	ppb
Calcium	44-1	9117.55	8726.52	9210.61	9018.23	2.85	ppb
Chromium	52-2	163.62	164.15	162.67	163.48	0.46	ppb
Cobalt	59-2	102.99	101.56	101.46	102.00	0.84	ppb
Copper	63-2	206.08	204.25	202.83	204.39	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	331204.78	328912.10	326785.74	328967.54	0.67	ppb
Iron	57-2	329040.75	326441.43	323222.60	326234.93	0.89	ppb
Krypton	83-1						cps
Lead	206-1	578.33	553.13	580.01	570.49	2.64	ppb
Lead	207-1	528.29	510.89	532.71	523.96	2.20	ppb
Lead	208-1	549.38	528.43	549.81	542.54	2.25	ppb
Lithium	6-1				109		%
Magnesium	24-2	34790.53	34739.70	34344.56	34624.93	0.71	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-20	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:39:11	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	17288.65	17263.17	17145.27	17232.36	0.44	ppb
Molybdenum	94-1	45.94	43.73	44.74	44.80	2.47	ppb
Molybdenum	95-1	4.03	3.97	4.01	4.00	0.77	ppb
Molybdenum	96-1	11.28	11.14	11.57	11.33	1.94	ppb
Molybdenum	97-1	3.66	3.67	3.91	3.75	3.79	ppb
Molybdenum	98-1	3.83	3.65	3.84	3.77	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	180.79	179.33	177.56	179.23	0.90	ppb
Phosphorus	31-2	7286.54	7227.63	6985.70	7166.62	2.22	ppb
Potassium	39-2	7165.73	7143.25	7033.51	7114.16	0.99	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	54.50	56.91	57.24	56.22	2.67	ppb
Selenium	78-2	13.76	13.57	13.98	13.77	1.50	ppb
Selenium	82-1	3.61	3.58	3.27	3.49	5.30	ppb
Silicon	28-1	5555.85	5351.40	5599.58	5502.28	2.41	ppb
Silver	109-1	0.58	0.60	0.62	0.60	2.75	ppb
Silver	107-1	0.64	0.63	0.68	0.65	3.48	ppb
Sodium	23-2	789.08	790.71	788.47	789.42	0.15	ppb
Strontium	86-1	70.69	67.83	70.06	69.53	2.16	ppb
Strontium	88-1	71.18	69.04	71.17	70.47	1.75	ppb
Sulfur	34-1	1054.60	872.25	1084.47	1003.77	11.44	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	1.30	1.26	1.32	1.29	2.14	ppb
Thallium	205-1	1.31	1.28	1.32	1.30	1.62	ppb
Thorium	232-1	31.60	30.01	31.86	31.16	3.21	ppb
Tin	118-1	11.65	10.99	11.52	11.39	3.07	ppb
Titanium	47-1	172.05	164.49	173.59	170.04	2.86	ppb
Uranium	238-1	4.03	3.92	4.07	4.00	1.87	ppb
Vanadium	51-2	201.63	201.72	200.84	201.40	0.24	ppb
Yttrium	89-1				136		%
Yttrium	89-2				135		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-20	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:39:11	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	762.80	758.75	754.51	758.69	0.55	ppb
Zirconium	90-1	27.56	26.55	27.48	27.20	2.06	ppb
Zirconium	91-1	27.43	26.23	27.52	27.06	2.66	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-01DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-02DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 18:45:11 DataFile Name : 068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17669.80	17547.09	17788.45	17668.45	0.68	ppb
Antimony	121-1	0.09	0.10	0.09	0.09	6.27	ppb
Arsenic	75-2	5.33	5.43	5.99	5.58	6.36	ppb
Barium	135-1	460.72	455.20	478.07	464.66	2.57	ppb
Barium	137-1	456.78	452.62	474.81	461.40	2.56	ppb
Beryllium	9-1	0.87	0.90	0.95	0.91	4.54	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	5.07	5.38	5.62	5.36	5.13	ppb
Boron	11-1	5.12	5.27	5.28	5.22	1.64	ppb
Cadmium	111-1	0.38	0.47	0.42	0.42	10.01	ppb
Cadmium	106-1	-1.51	-0.43	-0.97	-0.97		ppb
Cadmium	108-1	1.27	1.18	0.92	1.12	16.01	ppb
Calcium	43-1	1720.55	1737.27	1813.59	1757.14	2.82	ppb
Calcium	44-1	1734.27	1710.65	1795.93	1746.95	2.52	ppb
Chromium	52-2	19.68	19.08	19.63	19.47	1.72	ppb
Cobalt	59-2	9.87	9.90	10.12	9.96	1.37	ppb
Copper	63-2	47.89	48.10	48.46	48.15	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	56-2	31320.23	31083.06	31461.24	31288.18	0.61	ppb
Iron	57-2	30814.22	30702.30	31012.30	30842.94	0.51	ppb
Krypton	83-1						cps
Lead	206-1	46.41	47.07	49.21	47.56	3.09	ppb
Lead	207-1	42.41	42.36	44.53	43.10	2.87	ppb
Lead	208-1	44.09	44.37	46.57	45.01	3.01	ppb
Lithium	6-1				107		%
Magnesium	24-2	4539.76	4491.33	4571.66	4534.25	0.89	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-01DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 18:45:11	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1238.15	1246.88	1256.54	1247.19	0.74	ppb
Molybdenum	94-1	6.80	6.74	6.87	6.80	0.99	ppb
Molybdenum	95-1	0.93	0.88	0.92	0.91	3.07	ppb
Molybdenum	96-1	1.87	1.90	1.94	1.90	1.89	ppb
Molybdenum	97-1	0.86	0.83	0.93	0.87	6.00	ppb
Molybdenum	98-1	0.83	0.92	0.89	0.88	5.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.34	22.91	23.15	23.13	0.94	ppb
Phosphorus	31-2	1137.74	1166.90	1134.30	1146.32	1.56	ppb
Potassium	39-2	1076.72	1078.53	1097.82	1084.36	1.08	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	14.21	14.98	11.67	13.62	12.70	ppb
Selenium	78-2	4.36	3.64	3.91	3.97	9.18	ppb
Selenium	82-1	1.80	1.89	1.98	1.89	4.78	ppb
Silicon	28-1	212.47	205.48	228.06	215.34	5.37	ppb
Silver	109-1	0.12	0.11	0.12	0.12	3.44	ppb
Silver	107-1	0.11	0.12	0.10	0.11	8.74	ppb
Sodium	23-2	58.46	59.32	60.31	59.36	1.56	ppb
Strontium	86-1	19.26	19.52	19.97	19.58	1.83	ppb
Strontium	88-1	19.46	19.45	20.35	19.76	2.62	ppb
Sulfur	34-1	1017.63	957.59	1159.94	1045.05	9.94	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.11	0.11	0.11	5.74	ppb
Thallium	205-1	0.11	0.11	0.13	0.12	7.14	ppb
Thorium	232-1	3.74	3.78	3.92	3.81	2.53	ppb
Tin	118-1	0.17	0.18	0.18	0.18	2.25	ppb
Titanium	47-1	38.08	37.49	40.35	38.64	3.92	ppb
Uranium	238-1	0.72	0.74	0.76	0.74	2.84	ppb
Vanadium	51-2	24.06	24.07	24.13	24.09	0.16	ppb
Yttrium	89-1				112		%
Yttrium	89-2				113		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-01DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 18:45:11	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	69.31	69.90	69.44	69.55	0.45	ppb
Zirconium	90-1	3.99	3.94	4.09	4.00	1.95	ppb
Zirconium	91-1	4.01	3.96	3.97	3.98	0.67	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-02DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS025-1218-02DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 18:48:46 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19970.63	19657.85	19704.22	19777.57	0.85	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	3.54	ppb
Arsenic	75-2	8.15	8.08	7.93	8.05	1.37	ppb
Barium	135-1	447.43	419.81	433.44	433.56	3.19	ppb
Barium	137-1	448.51	416.79	425.87	430.39	3.80	ppb
Beryllium	9-1	1.08	0.99	1.08	1.05	4.99	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	4.96	4.03	4.33	4.44	10.60	ppb
Boron	11-1	4.52	4.31	4.53	4.45	2.85	ppb
Cadmium	111-1	0.28	0.20	0.30	0.26	19.87	ppb
Cadmium	106-1	-0.33	-1.14	0.07	-0.47		ppb
Cadmium	108-1	0.73	0.59	0.75	0.69	12.41	ppb
Calcium	43-1	6802.09	6466.00	6484.24	6584.11	2.87	ppb
Calcium	44-1	6761.07	6438.13	6521.18	6573.46	2.55	ppb
Chromium	52-2	21.08	20.85	20.77	20.90	0.77	ppb
Cobalt	59-2	13.23	12.93	13.09	13.08	1.16	ppb
Copper	63-2	37.38	37.44	37.92	37.58	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	56-2	32808.61	32389.78	32690.06	32629.48	0.66	ppb
Iron	57-2	32173.64	32069.21	32116.86	32119.90	0.16	ppb
Krypton	83-1						cps
Lead	206-1	57.23	53.97	55.03	55.41	3.00	ppb
Lead	207-1	52.16	49.01	50.66	50.61	3.12	ppb
Lead	208-1	54.59	51.26	52.32	52.72	3.23	ppb
Lithium	6-1				107		%
Magnesium	24-2	5684.24	5575.15	5629.37	5629.59	0.97	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-02DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS025-1218-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 18:48:46	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1400.47	1394.30	1393.00	1395.92	0.29	ppb
Molybdenum	94-1	6.99	6.46	6.71	6.72	3.91	ppb
Molybdenum	95-1	0.95	0.94	0.97	0.95	1.44	ppb
Molybdenum	96-1	2.08	1.84	1.77	1.90	8.65	ppb
Molybdenum	97-1	0.89	0.90	0.83	0.87	4.14	ppb
Molybdenum	98-1	0.93	0.87	0.91	0.90	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.72	26.59	26.26	26.52	0.88	ppb
Phosphorus	31-2	783.87	782.03	726.97	764.29	4.23	ppb
Potassium	39-2	899.42	879.68	889.02	889.37	1.11	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	77-2	12.05	13.37	11.12	12.18	9.29	ppb
Selenium	78-2	3.29	3.44	3.22	3.32	3.42	ppb
Selenium	82-1	1.51	1.03	1.46	1.33	19.71	ppb
Silicon	28-1	346.75	318.57	326.26	330.53	4.41	ppb
Silver	109-1	0.14	0.15	0.13	0.14	4.75	ppb
Silver	107-1	0.16	0.13	0.15	0.15	9.41	ppb
Sodium	23-2	159.21	156.11	158.59	157.97	1.04	ppb
Strontium	86-1	59.07	54.99	55.23	56.43	4.06	ppb
Strontium	88-1	58.92	55.47	56.06	56.82	3.25	ppb
Sulfur	34-1	936.54	704.20	729.87	790.20	16.12	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.16	0.15	0.17	0.16	3.33	ppb
Thallium	205-1	0.18	0.16	0.16	0.17	6.11	ppb
Thorium	232-1	3.51	3.31	3.38	3.40	2.99	ppb
Tin	118-1	0.24	0.26	0.25	0.25	4.28	ppb
Titanium	47-1	18.63	17.70	17.78	18.04	2.86	ppb
Uranium	238-1	0.68	0.64	0.65	0.66	2.74	ppb
Vanadium	51-2	27.59	27.08	27.25	27.31	0.95	ppb
Yttrium	89-1				111		%
Yttrium	89-2				113		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-02DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS025-1218-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 18:48:46	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	71.96	68.95	69.16	70.03	2.40	ppb
Zirconium	90-1	4.17	3.90	3.87	3.98	4.12	ppb
Zirconium	91-1	4.16	3.91	3.94	4.00	3.42	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:56:33	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49827.68	49462.62	49841.11	49710.47	0.43	ppb
Antimony	121-1	494.88	493.62	502.47	496.99	0.96	ppb
Arsenic	75-2	459.63	456.11	460.33	458.69	0.49	ppb
Barium	135-1	2471.55	2437.04	2437.42	2448.67	0.81	ppb
Barium	137-1	2468.49	2411.60	2432.01	2437.37	1.18	ppb
Beryllium	9-1	461.17	462.50	464.53	462.73	0.37	ppb
Bismuth	209-1				86		%
Bismuth	209-2				81		%
Boron	10-1	433.78	451.26	466.44	450.49	3.63	ppb
Boron	11-1	435.68	451.91	463.13	450.24	3.07	ppb
Cadmium	111-1	494.11	490.95	495.55	493.54	0.48	ppb
Cadmium	106-1	507.38	499.61	500.01	502.33	0.87	ppb
Cadmium	108-1	498.06	496.26	500.37	498.23	0.41	ppb
Calcium	43-1	228332.53	227201.10	227264.61	227599.42	0.28	ppb
Calcium	44-1	228761.40	227775.03	226099.73	227545.38	0.59	ppb
Chromium	52-2	480.46	469.92	484.57	478.32	1.58	ppb
Cobalt	59-2	461.38	450.09	460.94	457.47	1.40	ppb
Copper	63-2	970.26	948.21	963.32	960.59	1.17	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				103		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	123425.52	120410.16	122378.06	122071.25	1.25	ppb
Iron	57-2	123211.76	119562.88	122736.15	121836.93	1.63	ppb
Krypton	83-1						cps
Lead	206-1	495.35	500.46	502.85	499.55	0.77	ppb
Lead	207-1	487.89	492.90	492.18	490.99	0.55	ppb
Lead	208-1	493.49	493.54	494.24	493.76	0.08	ppb
Lithium	6-1				94		%
Magnesium	24-2	241677.83	237683.23	240960.43	240107.16	0.89	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:56:33	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	958.88	931.89	957.32	949.36	1.60	ppb
Molybdenum	94-1	2422.95	2392.57	2398.44	2404.65	0.67	ppb
Molybdenum	95-1	2418.17	2394.66	2409.01	2407.28	0.49	ppb
Molybdenum	96-1	2431.43	2410.01	2410.33	2417.26	0.51	ppb
Molybdenum	97-1	2429.36	2387.45	2415.31	2410.70	0.88	ppb
Molybdenum	98-1	2423.67	2393.13	2414.65	2410.48	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	460.56	448.31	456.84	455.24	1.38	ppb
Phosphorus	31-2	9361.79	9358.67	9559.10	9426.52	1.22	ppb
Potassium	39-2	121216.83	118892.49	120939.92	120349.74	1.05	ppb
Rhodium	103-1				83		%
Rhodium	103-2				82		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	77-2	512.72	505.69	492.01	503.47	2.09	ppb
Selenium	78-2	485.92	478.04	479.76	481.24	0.86	ppb
Selenium	82-1	473.29	473.69	480.21	475.73	0.82	ppb
Silicon	28-1	531.91	537.30	543.06	537.43	1.04	ppb
Silver	109-1	480.69	472.10	478.71	477.17	0.94	ppb
Silver	107-1	483.08	476.37	479.66	479.71	0.70	ppb
Sodium	23-2	235004.97	229443.28	232285.70	232244.65	1.20	ppb
Strontium	86-1	477.68	478.63	482.50	479.60	0.53	ppb
Strontium	88-1	487.46	479.85	482.66	483.32	0.80	ppb
Sulfur	34-1	9174.58	9169.46	9171.21	9171.75	0.03	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	508.98	503.36	508.42	506.92	0.61	ppb
Thallium	205-1	508.53	503.91	505.72	506.05	0.46	ppb
Thorium	232-1	492.91	493.39	488.91	491.74	0.50	ppb
Tin	118-1	480.88	475.30	486.02	480.73	1.12	ppb
Titanium	47-1	2432.12	2412.93	2434.53	2426.53	0.49	ppb
Uranium	238-1	492.20	487.55	484.37	488.04	0.81	ppb
Vanadium	51-2	481.76	474.91	484.09	480.25	0.99	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:56:33	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	897.62	875.83	898.26	890.57	1.43	ppb
Zirconium	90-1	488.26	479.90	482.57	483.58	0.88	ppb
Zirconium	91-1	481.62	480.52	485.37	482.50	0.53	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P7
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 19:02:05 DataFile Name : 071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	0.00	0.34	0.30	96.16	ppb
Antimony	121-1	0.08	0.10	0.09	0.09	10.66	ppb
Arsenic	75-2	0.01	0.04	0.01	0.02	89.36	ppb
Barium	135-1	0.06	0.07	0.07	0.06	10.34	ppb
Barium	137-1	0.05	0.05	0.06	0.05	17.59	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	3.33	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	9.03	8.91	8.79	8.91	1.36	ppb
Boron	11-1	9.25	8.65	8.55	8.82	4.30	ppb
Cadmium	111-1	-0.20	-0.12	-0.17	-0.16		ppb
Cadmium	106-1	-2.94	-1.84	-2.62	-2.47		ppb
Cadmium	108-1	-0.02	0.04	0.02	0.01	284.97	ppb
Calcium	43-1	1.04	1.21	0.30	0.85	57.29	ppb
Calcium	44-1	0.61	0.63	0.70	0.65	7.06	ppb
Chromium	52-2	0.06	0.03	0.05	0.05	32.70	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.01	0.01	0.01	66.27	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				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	1.88	1.65	1.94	1.82	8.27	ppb
Iron	57-2	0.73	1.63	3.08	1.81	65.48	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.00	0.00	154.55	ppb
Lead	207-1	0.01	0.00	0.01	0.01	52.44	ppb
Lead	208-1	0.01	0.00	0.01	0.00	34.26	ppb
Lithium	6-1				107		%
Magnesium	24-2	3.02	2.46	2.57	2.69	11.03	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 19:02:05	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.04	0.05	0.04	19.78	ppb
Molybdenum	94-1	0.25	0.14	0.10	0.16	47.02	ppb
Molybdenum	95-1	0.19	0.20	0.16	0.18	13.02	ppb
Molybdenum	96-1	0.17	0.17	0.17	0.17	2.43	ppb
Molybdenum	97-1	0.22	0.15	0.16	0.17	21.10	ppb
Molybdenum	98-1	0.21	0.17	0.14	0.17	19.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-23.07	-26.60	-22.10	-23.92		ppb
Potassium	39-2	4.23	7.47	6.34	6.01	27.36	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.11	0.44	-0.27	0.02	1885.28	ppb
Selenium	82-1	0.07	-0.08	-0.02	-0.01		ppb
Silicon	28-1	-2.07	-1.91	-2.44	-2.14		ppb
Silver	109-1	0.02	0.02	0.01	0.02	20.44	ppb
Silver	107-1	0.01	0.01	0.02	0.01	4.90	ppb
Sodium	23-2	7.85	8.24	7.90	8.00	2.68	ppb
Strontium	86-1	0.02	0.01	0.02	0.01	60.46	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-375.94	-422.42	-430.81	-409.72		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.05	0.03	0.04	20.21	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.04	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	9.12	ppb
Tin	118-1	0.03	0.03	0.03	0.03	7.54	ppb
Titanium	47-1	0.02	0.05	0.02	0.03	60.20	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	14.67	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	62.03	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 19:02:05	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.20	-0.21	-0.21	-0.21		ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	72.67	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	52.39	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-03DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS026-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:05:39 DataFile Name : 072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21179.80	21059.19	20875.06	21038.02	0.73	ppb
Antimony	121-1	0.11	0.12	0.13	0.12	10.27	ppb
Arsenic	75-2	8.85	8.96	8.96	8.92	0.71	ppb
Barium	135-1	368.62	369.55	366.82	368.33	0.38	ppb
Barium	137-1	366.70	365.23	364.01	365.32	0.37	ppb
Beryllium	9-1	1.11	1.13	1.09	1.11	1.90	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	6.34	6.23	6.00	6.19	2.82	ppb
Boron	11-1	6.40	6.25	6.19	6.28	1.72	ppb
Cadmium	111-1	0.20	0.33	0.35	0.29	27.11	ppb
Cadmium	106-1	-1.43	0.67	0.40	-0.12		ppb
Cadmium	108-1	0.80	0.82	0.80	0.81	1.38	ppb
Calcium	43-1	7009.47	6918.38	6891.50	6939.78	0.89	ppb
Calcium	44-1	6943.30	6831.69	6885.12	6886.70	0.81	ppb
Chromium	52-2	21.53	21.69	21.58	21.60	0.39	ppb
Cobalt	59-2	15.30	15.19	15.30	15.26	0.40	ppb
Copper	63-2	42.91	42.68	42.59	42.73	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	56-2	33834.40	33484.37	33538.30	33619.02	0.56	ppb
Iron	57-2	33008.65	32968.05	32850.75	32942.48	0.25	ppb
Krypton	83-1						cps
Lead	206-1	54.33	54.13	54.98	54.48	0.82	ppb
Lead	207-1	49.25	49.39	49.42	49.35	0.18	ppb
Lead	208-1	51.42	51.39	51.65	51.49	0.28	ppb
Lithium	6-1				110		%
Magnesium	24-2	5676.15	5549.11	5557.31	5594.19	1.27	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-03DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:05:39	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1039.78	1033.21	1036.99	1036.66	0.32	ppb
Molybdenum	94-1	8.81	8.90	8.64	8.78	1.53	ppb
Molybdenum	95-1	1.19	1.10	1.11	1.13	4.04	ppb
Molybdenum	96-1	2.28	2.38	2.31	2.32	2.21	ppb
Molybdenum	97-1	1.12	1.02	1.07	1.07	4.47	ppb
Molybdenum	98-1	1.10	1.06	1.07	1.08	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.10	28.89	28.03	28.68	1.97	ppb
Phosphorus	31-2	980.48	980.12	922.27	960.95	3.49	ppb
Potassium	39-2	900.03	896.67	885.23	893.98	0.87	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	10.57	10.48	14.73	11.93	20.34	ppb
Selenium	78-2	4.20	3.17	4.38	3.92	16.67	ppb
Selenium	82-1	1.47	1.35	1.51	1.44	6.04	ppb
Silicon	28-1	1080.72	1075.98	1062.00	1072.90	0.91	ppb
Silver	109-1	0.11	0.10	0.10	0.10	9.83	ppb
Silver	107-1	0.10	0.10	0.11	0.11	6.38	ppb
Sodium	23-2	172.35	172.04	171.74	172.04	0.18	ppb
Strontium	86-1	52.90	52.64	52.25	52.60	0.62	ppb
Strontium	88-1	52.59	52.82	52.45	52.62	0.35	ppb
Sulfur	34-1	1047.91	936.86	921.05	968.61	7.14	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.15	0.15	0.15	0.15	1.60	ppb
Thallium	205-1	0.16	0.16	0.15	0.16	1.58	ppb
Thorium	232-1	3.00	3.00	3.03	3.01	0.44	ppb
Tin	118-1	0.25	0.26	0.22	0.24	7.79	ppb
Titanium	47-1	23.80	23.85	23.81	23.82	0.11	ppb
Uranium	238-1	0.77	0.74	0.78	0.76	2.42	ppb
Vanadium	51-2	28.89	28.66	28.78	28.78	0.39	ppb
Yttrium	89-1				115		%
Yttrium	89-2				116		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-03DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:05:39	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	75.43	75.52	75.44	75.47	0.07	ppb
Zirconium	90-1	5.32	5.27	5.16	5.25	1.54	ppb
Zirconium	91-1	5.18	5.11	5.02	5.10	1.65	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-04DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS026-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:09:14 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26779.27	26752.13	26772.80	26768.07	0.05	ppb
Antimony	121-1	0.09	0.09	0.10	0.09	7.29	ppb
Arsenic	75-2	11.67	11.46	11.93	11.69	2.04	ppb
Barium	135-1	351.03	346.06	349.01	348.70	0.72	ppb
Barium	137-1	349.18	346.26	349.25	348.23	0.49	ppb
Beryllium	9-1	1.30	1.29	1.28	1.29	1.06	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	5.24	4.97	5.24	5.15	3.04	ppb
Boron	11-1	5.31	5.09	5.22	5.21	2.09	ppb
Cadmium	111-1	0.28	0.34	0.17	0.26	31.02	ppb
Cadmium	106-1	-0.07	0.88	-1.77	-0.32		ppb
Cadmium	108-1	0.98	1.17	1.10	1.08	8.60	ppb
Calcium	43-1	5090.21	5086.34	5092.25	5089.60	0.06	ppb
Calcium	44-1	5077.55	5066.48	5117.45	5087.16	0.53	ppb
Chromium	52-2	29.68	28.99	28.99	29.22	1.36	ppb
Cobalt	59-2	19.92	19.97	19.82	19.90	0.39	ppb
Copper	63-2	44.43	44.52	44.10	44.35	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	56-2	50782.26	50296.31	50073.26	50383.94	0.72	ppb
Iron	57-2	50427.56	50013.46	50030.71	50157.24	0.47	ppb
Krypton	83-1						cps
Lead	206-1	63.85	63.33	64.12	63.77	0.63	ppb
Lead	207-1	58.02	57.77	58.00	57.93	0.24	ppb
Lead	208-1	60.36	60.21	60.48	60.35	0.22	ppb
Lithium	6-1				111		%
Magnesium	24-2	8118.11	8104.58	8072.28	8098.32	0.29	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-04DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS026-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:09:14 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1610.45	1613.86	1597.75	1607.35	0.53	ppb
Molybdenum	94-1	10.88	10.86	10.98	10.91	0.55	ppb
Molybdenum	95-1	1.06	1.20	1.05	1.10	7.53	ppb
Molybdenum	96-1	2.72	2.79	2.75	2.75	1.42	ppb
Molybdenum	97-1	1.08	1.08	1.08	1.08	0.30	ppb
Molybdenum	98-1	1.10	1.10	1.03	1.08	3.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.02	37.99	37.43	37.81	0.89	ppb
Phosphorus	31-2	995.69	943.80	969.02	969.50	2.68	ppb
Potassium	39-2	1113.12	1118.15	1120.67	1117.32	0.34	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	15.65	9.85	10.40	11.97	26.74	ppb
Selenium	78-2	4.27	3.76	4.12	4.05	6.48	ppb
Selenium	82-1	1.42	1.44	0.87	1.25	25.81	ppb
Silicon	28-1	1568.70	1575.04	1582.92	1575.56	0.45	ppb
Silver	109-1	0.10	0.09	0.09	0.09	6.68	ppb
Silver	107-1	0.12	0.11	0.10	0.11	9.00	ppb
Sodium	23-2	173.95	174.92	175.69	174.85	0.50	ppb
Strontium	86-1	39.70	39.28	40.03	39.67	0.94	ppb
Strontium	88-1	39.54	39.30	39.93	39.59	0.79	ppb
Sulfur	34-1	183.96	150.24	190.70	174.97	12.39	ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.18	0.16	0.18	0.17	6.07	ppb
Thallium	205-1	0.17	0.17	0.18	0.17	3.51	ppb
Thorium	232-1	4.07	4.03	4.06	4.05	0.52	ppb
Tin	118-1	0.22	0.22	0.21	0.22	3.08	ppb
Titanium	47-1	39.23	38.64	39.79	39.22	1.48	ppb
Uranium	238-1	0.75	0.77	0.77	0.76	1.48	ppb
Vanadium	51-2	36.10	35.88	35.75	35.91	0.50	ppb
Yttrium	89-1				116		%
Yttrium	89-2				117		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-04DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:09:14	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	122.20	121.60	121.23	121.68	0.40	ppb
Zirconium	90-1	6.55	6.65	6.65	6.61	0.87	ppb
Zirconium	91-1	6.58	6.69	6.53	6.60	1.25	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-05DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:12:51	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32836.44	34103.22	34828.53	33922.73	2.97	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	4.40	ppb
Arsenic	75-2	11.11	11.84	12.45	11.80	5.68	ppb
Barium	135-1	333.48	331.98	336.65	334.04	0.71	ppb
Barium	137-1	330.88	327.55	332.76	330.39	0.80	ppb
Beryllium	9-1	1.52	1.47	1.64	1.54	5.62	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	5.47	5.46	5.58	5.50	1.20	ppb
Boron	11-1	5.25	5.25	5.29	5.26	0.48	ppb
Cadmium	111-1	0.27	0.30	0.18	0.25	23.90	ppb
Cadmium	106-1	1.07	1.51	0.49	1.02	50.03	ppb
Cadmium	108-1	0.97	1.13	1.07	1.06	7.89	ppb
Calcium	43-1	2747.56	2738.38	2759.13	2748.36	0.38	ppb
Calcium	44-1	2756.23	2735.56	2769.16	2753.65	0.62	ppb
Chromium	52-2	33.50	35.17	35.76	34.81	3.38	ppb
Cobalt	59-2	23.75	24.76	25.15	24.55	2.92	ppb
Copper	63-2	43.02	45.34	45.49	44.62	3.10	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				112		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	61000.64	62697.10	64033.90	62577.21	2.43	ppb
Iron	57-2	59543.47	62739.21	63568.08	61950.26	3.43	ppb
Krypton	83-1						cps
Lead	206-1	48.09	47.86	48.50	48.15	0.67	ppb
Lead	207-1	43.65	43.73	43.81	43.73	0.18	ppb
Lead	208-1	45.59	45.54	45.74	45.62	0.23	ppb
Lithium	6-1				109		%
Magnesium	24-2	9994.09	10412.72	10660.40	10355.74	3.25	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-05DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS026-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:12:51 DataFile Name : 074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2377.88	2468.60	2509.32	2451.93	2.74	ppb
Molybdenum	94-1	14.69	15.00	14.82	14.84	1.03	ppb
Molybdenum	95-1	0.82	0.77	0.75	0.78	4.56	ppb
Molybdenum	96-1	3.09	3.03	3.16	3.09	2.04	ppb
Molybdenum	97-1	0.72	0.77	0.75	0.75	3.45	ppb
Molybdenum	98-1	0.77	0.72	0.76	0.75	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.17	47.26	47.70	46.71	2.90	ppb
Phosphorus	31-2	756.38	828.71	921.38	835.49	9.90	ppb
Potassium	39-2	1223.45	1301.96	1328.53	1284.65	4.25	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	77-2	14.17	17.40	15.58	15.72	10.29	ppb
Selenium	78-2	3.07	4.20	4.39	3.89	18.35	ppb
Selenium	82-1	1.11	0.66	1.52	1.10	39.60	ppb
Silicon	28-1	1777.22	1741.74	1768.33	1762.43	1.05	ppb
Silver	109-1	0.09	0.10	0.10	0.09	5.84	ppb
Silver	107-1	0.10	0.10	0.11	0.10	4.11	ppb
Sodium	23-2	141.81	145.13	148.52	145.15	2.31	ppb
Strontium	86-1	22.68	22.29	22.20	22.39	1.15	ppb
Strontium	88-1	22.64	22.59	22.45	22.56	0.43	ppb
Sulfur	34-1	-399.84	-484.84	-503.16	-462.61		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.23	0.22	0.22	0.22	2.26	ppb
Thallium	205-1	0.22	0.22	0.20	0.21	3.58	ppb
Thorium	232-1	6.22	6.20	6.28	6.23	0.68	ppb
Tin	118-1	0.15	0.16	0.17	0.16	6.75	ppb
Titanium	47-1	46.13	44.77	46.07	45.66	1.68	ppb
Uranium	238-1	0.72	0.73	0.72	0.72	0.79	ppb
Vanadium	51-2	38.19	39.81	40.85	39.61	3.38	ppb
Yttrium	89-1				116		%
Yttrium	89-2				116		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-05DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:12:51	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	131.95	137.02	140.09	136.36	3.02	ppb
Zirconium	90-1	9.44	9.29	9.45	9.39	0.94	ppb
Zirconium	91-1	9.45	9.34	9.53	9.44	1.00	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-06DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS026-1824-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:16:27 DataFile Name : 075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30515.68	30020.01	30416.52	30317.40	0.87	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	8.04	ppb
Arsenic	75-2	7.61	7.55	7.93	7.70	2.70	ppb
Barium	135-1	405.22	398.18	384.64	396.01	2.64	ppb
Barium	137-1	403.89	396.63	384.67	395.06	2.46	ppb
Beryllium	9-1	1.59	1.57	1.54	1.57	1.52	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	3.90	3.66	4.20	3.92	6.97	ppb
Boron	11-1	3.72	3.62	3.54	3.63	2.61	ppb
Cadmium	111-1	0.07	0.13	0.02	0.07	81.20	ppb
Cadmium	106-1	-0.38	0.46	-0.72	-0.21		ppb
Cadmium	108-1	0.76	0.73	1.03	0.84	19.25	ppb
Calcium	43-1	1749.43	1777.33	1674.84	1733.87	3.06	ppb
Calcium	44-1	1756.23	1753.21	1690.24	1733.23	2.15	ppb
Chromium	52-2	28.77	27.92	28.61	28.43	1.59	ppb
Cobalt	59-2	20.97	20.71	21.07	20.91	0.89	ppb
Copper	63-2	22.71	22.55	22.98	22.75	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				108		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	56-2	60220.58	58299.27	59422.52	59314.12	1.63	ppb
Iron	57-2	59318.96	58288.55	59738.42	59115.31	1.26	ppb
Krypton	83-1						cps
Lead	206-1	35.85	35.87	34.52	35.41	2.18	ppb
Lead	207-1	32.57	32.15	31.09	31.94	2.38	ppb
Lead	208-1	33.98	33.83	32.68	33.49	2.13	ppb
Lithium	6-1				106		%
Magnesium	24-2	7944.31	7773.80	7955.13	7891.08	1.29	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-06DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:16:27	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2338.97	2263.58	2325.23	2309.26	1.74	ppb
Molybdenum	94-1	9.62	9.42	8.89	9.31	4.08	ppb
Molybdenum	95-1	0.53	0.57	0.52	0.54	4.75	ppb
Molybdenum	96-1	2.22	2.27	2.13	2.20	3.15	ppb
Molybdenum	97-1	0.48	0.53	0.56	0.53	7.71	ppb
Molybdenum	98-1	0.51	0.52	0.48	0.50	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.61	36.62	36.80	37.01	1.42	ppb
Phosphorus	31-2	1062.65	1104.01	1096.48	1087.71	2.03	ppb
Potassium	39-2	879.35	872.23	882.56	878.05	0.60	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	11.97	10.77	10.02	10.92	8.98	ppb
Selenium	78-2	3.04	2.36	2.58	2.66	12.91	ppb
Selenium	82-1	0.41	0.62	0.68	0.57	25.07	ppb
Silicon	28-1	620.84	615.34	587.84	608.00	2.91	ppb
Silver	109-1	0.13	0.12	0.11	0.12	9.28	ppb
Silver	107-1	0.14	0.12	0.11	0.13	12.27	ppb
Sodium	23-2	132.62	131.02	133.98	132.54	1.12	ppb
Strontium	86-1	15.78	15.17	14.54	15.16	4.09	ppb
Strontium	88-1	15.54	15.50	15.02	15.35	1.91	ppb
Sulfur	34-1	-637.75	-667.25	-756.28	-687.09		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.21	0.20	0.20	0.20	2.44	ppb
Thallium	205-1	0.20	0.20	0.20	0.20	0.80	ppb
Thorium	232-1	5.15	5.13	5.00	5.09	1.63	ppb
Tin	118-1	0.10	0.11	0.10	0.10	4.69	ppb
Titanium	47-1	19.82	19.99	19.55	19.79	1.14	ppb
Uranium	238-1	0.53	0.51	0.50	0.51	2.24	ppb
Vanadium	51-2	38.43	37.59	38.27	38.10	1.16	ppb
Yttrium	89-1				109		%
Yttrium	89-2				112		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-06DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:16:27	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	113.49	111.28	113.45	112.74	1.12	ppb
Zirconium	90-1	5.87	5.83	5.67	5.79	1.86	ppb
Zirconium	91-1	5.93	5.76	5.59	5.76	2.95	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-08DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS021-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:20:04 DataFile Name : 076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13436.71	13592.10	13627.65	13552.15	0.75	ppb
Antimony	121-1	0.18	0.16	0.17	0.17	5.02	ppb
Arsenic	75-2	4.88	5.02	5.11	5.00	2.36	ppb
Barium	135-1	438.11	441.99	443.47	441.19	0.63	ppb
Barium	137-1	437.26	440.08	437.52	438.29	0.36	ppb
Beryllium	9-1	0.82	0.81	0.75	0.79	4.66	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	4.38	4.31	4.64	4.44	3.87	ppb
Boron	11-1	4.15	4.32	4.34	4.27	2.40	ppb
Cadmium	111-1	0.55	0.49	0.53	0.52	6.37	ppb
Cadmium	106-1	-0.42	-0.79	-0.66	-0.63		ppb
Cadmium	108-1	0.76	0.74	0.93	0.81	13.03	ppb
Calcium	43-1	3597.18	3691.44	3668.49	3652.37	1.35	ppb
Calcium	44-1	3620.35	3632.93	3659.98	3637.75	0.56	ppb
Chromium	52-2	14.24	14.04	14.21	14.16	0.78	ppb
Cobalt	59-2	6.56	6.57	6.44	6.52	1.07	ppb
Copper	63-2	46.90	47.60	47.16	47.22	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	56-2	21376.63	21294.11	21222.61	21297.78	0.36	ppb
Iron	57-2	20889.32	20902.73	20937.00	20909.68	0.12	ppb
Krypton	83-1						cps
Lead	206-1	62.02	62.58	62.83	62.48	0.67	ppb
Lead	207-1	56.70	56.06	56.79	56.52	0.70	ppb
Lead	208-1	58.65	58.52	59.31	58.83	0.72	ppb
Lithium	6-1				110		%
Magnesium	24-2	1980.03	1998.36	1998.12	1992.17	0.53	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-08DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:20:04	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	757.77	759.43	756.73	757.98	0.18	ppb
Molybdenum	94-1	5.85	5.98	6.01	5.95	1.44	ppb
Molybdenum	95-1	1.23	1.26	1.22	1.24	1.61	ppb
Molybdenum	96-1	1.95	1.96	2.01	1.97	1.60	ppb
Molybdenum	97-1	1.21	1.22	1.11	1.18	5.07	ppb
Molybdenum	98-1	1.22	1.15	1.22	1.20	3.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.79	15.80	15.71	15.77	0.31	ppb
Phosphorus	31-2	1645.96	1545.63	1582.13	1591.24	3.19	ppb
Potassium	39-2	835.50	838.82	832.85	835.73	0.36	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	10.90	9.57	8.53	9.67	12.32	ppb
Selenium	78-2	4.55	4.40	3.85	4.27	8.58	ppb
Selenium	82-1	2.28	2.20	2.44	2.31	5.33	ppb
Silicon	28-1	320.80	324.97	326.13	323.97	0.87	ppb
Silver	109-1	0.16	0.16	0.17	0.17	1.93	ppb
Silver	107-1	0.17	0.17	0.18	0.17	3.38	ppb
Sodium	23-2	55.84	54.73	55.95	55.51	1.22	ppb
Strontium	86-1	29.67	30.46	30.51	30.21	1.56	ppb
Strontium	88-1	29.95	30.47	30.65	30.36	1.20	ppb
Sulfur	34-1	2216.30	2231.32	2223.38	2223.67	0.34	ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.11	0.12	0.12	0.12	0.94	ppb
Thallium	205-1	0.11	0.13	0.12	0.12	6.63	ppb
Thorium	232-1	1.81	1.81	1.82	1.81	0.43	ppb
Tin	118-1	0.34	0.35	0.36	0.35	2.04	ppb
Titanium	47-1	31.49	32.64	31.42	31.85	2.15	ppb
Uranium	238-1	0.74	0.75	0.75	0.75	1.27	ppb
Vanadium	51-2	19.46	19.40	19.88	19.58	1.33	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-08DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:20:04	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	54.55	54.45	54.66	54.55	0.19	ppb
Zirconium	90-1	3.35	3.28	3.32	3.31	1.12	ppb
Zirconium	91-1	3.38	3.41	3.22	3.34	3.08	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-09DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS021-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:23:38 DataFile Name : 077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18360.24	18392.15	18178.19	18310.20	0.63	ppb
Antimony	121-1	0.12	0.11	0.11	0.11	5.81	ppb
Arsenic	75-2	7.79	7.57	7.78	7.72	1.59	ppb
Barium	135-1	454.33	458.67	462.37	458.45	0.88	ppb
Barium	137-1	452.41	458.01	457.10	455.84	0.66	ppb
Beryllium	9-1	1.10	1.10	1.12	1.10	0.91	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	3.68	3.41	3.37	3.49	4.79	ppb
Boron	11-1	3.73	3.75	3.57	3.69	2.62	ppb
Cadmium	111-1	0.65	0.60	0.55	0.60	8.45	ppb
Cadmium	106-1	0.65	-0.49	-0.46	-0.10		ppb
Cadmium	108-1	0.81	1.01	1.19	1.01	19.07	ppb
Calcium	43-1	2473.93	2518.08	2527.66	2506.56	1.14	ppb
Calcium	44-1	2498.89	2508.91	2523.37	2510.39	0.49	ppb
Chromium	52-2	19.05	19.14	19.17	19.12	0.33	ppb
Cobalt	59-2	10.02	9.96	10.10	10.03	0.70	ppb
Copper	63-2	54.98	55.62	55.56	55.39	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				113		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	28331.57	28422.58	28484.13	28412.76	0.27	ppb
Iron	57-2	27911.23	27883.92	28076.93	27957.36	0.37	ppb
Krypton	83-1						cps
Lead	206-1	54.55	55.10	55.36	55.00	0.75	ppb
Lead	207-1	49.87	50.20	50.60	50.22	0.72	ppb
Lead	208-1	51.58	52.22	52.61	52.14	1.00	ppb
Lithium	6-1				109		%
Magnesium	24-2	3007.02	3013.30	3006.46	3008.93	0.13	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-09DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS021-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:23:38 DataFile Name : 077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1034.37	1040.32	1041.98	1038.89	0.39	ppb
Molybdenum	94-1	7.84	8.09	8.17	8.03	2.11	ppb
Molybdenum	95-1	1.36	1.27	1.29	1.31	3.51	ppb
Molybdenum	96-1	2.50	2.35	2.29	2.38	4.48	ppb
Molybdenum	97-1	1.23	1.27	1.25	1.25	1.36	ppb
Molybdenum	98-1	1.24	1.22	1.24	1.23	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.87	20.56	20.81	20.75	0.81	ppb
Phosphorus	31-2	1335.79	1327.72	1318.57	1327.36	0.65	ppb
Potassium	39-2	883.82	884.49	875.29	881.20	0.58	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	77-2	18.84	19.07	12.90	16.94	20.65	ppb
Selenium	78-2	5.54	5.21	5.34	5.36	3.18	ppb
Selenium	82-1	2.75	2.38	2.74	2.62	8.09	ppb
Silicon	28-1	361.48	368.56	383.04	371.03	2.96	ppb
Silver	109-1	0.15	0.17	0.16	0.16	5.39	ppb
Silver	107-1	0.17	0.16	0.16	0.17	4.39	ppb
Sodium	23-2	57.27	56.14	57.64	57.02	1.37	ppb
Strontium	86-1	24.10	24.21	24.56	24.29	1.00	ppb
Strontium	88-1	24.11	24.42	24.37	24.30	0.67	ppb
Sulfur	34-1	1883.26	1894.97	1884.75	1887.66	0.34	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.15	0.14	0.13	0.14	6.26	ppb
Thallium	205-1	0.14	0.15	0.15	0.14	4.76	ppb
Thorium	232-1	3.30	3.32	3.33	3.31	0.45	ppb
Tin	118-1	0.21	0.21	0.22	0.22	3.06	ppb
Titanium	47-1	37.86	37.39	38.12	37.79	0.99	ppb
Uranium	238-1	0.95	0.96	0.96	0.96	0.83	ppb
Vanadium	51-2	28.41	28.67	28.19	28.42	0.84	ppb
Yttrium	89-1				115		%
Yttrium	89-2				115		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-09DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:23:38	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	62.81	62.95	62.59	62.78	0.29	ppb
Zirconium	90-1	4.63	4.67	4.69	4.66	0.68	ppb
Zirconium	91-1	4.48	4.61	4.71	4.60	2.48	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-10DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS021-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:27:13 DataFile Name : 078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16689.85	16782.71	16772.06	16748.21	0.30	ppb
Antimony	121-1	0.14	0.15	0.14	0.14	2.57	ppb
Arsenic	75-2	6.01	6.43	6.22	6.22	3.42	ppb
Barium	135-1	447.69	450.68	448.14	448.84	0.36	ppb
Barium	137-1	445.12	443.57	446.31	445.00	0.31	ppb
Beryllium	9-1	0.93	0.95	0.92	0.93	1.54	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	3.77	3.70	3.43	3.63	4.87	ppb
Boron	11-1	3.57	3.53	3.52	3.54	0.78	ppb
Cadmium	111-1	0.55	0.41	0.40	0.45	18.32	ppb
Cadmium	106-1	-0.05	-1.44	-1.00	-0.83		ppb
Cadmium	108-1	1.03	1.00	1.35	1.13	16.86	ppb
Calcium	43-1	3739.98	3649.87	3676.91	3688.92	1.25	ppb
Calcium	44-1	3673.47	3665.13	3638.43	3659.01	0.50	ppb
Chromium	52-2	17.54	17.01	17.30	17.28	1.52	ppb
Cobalt	59-2	9.54	9.58	9.48	9.53	0.55	ppb
Copper	63-2	45.26	45.51	45.22	45.33	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	26659.58	26169.68	26295.24	26374.83	0.96	ppb
Iron	57-2	25847.34	25732.79	25770.14	25783.42	0.23	ppb
Krypton	83-1						cps
Lead	206-1	44.44	44.32	45.16	44.64	1.02	ppb
Lead	207-1	40.32	40.25	40.73	40.43	0.64	ppb
Lead	208-1	42.09	42.11	42.46	42.22	0.49	ppb
Lithium	6-1				108		%
Magnesium	24-2	3436.06	3416.26	3420.81	3424.37	0.30	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-10DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS021-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:27:13 DataFile Name : 078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1082.24	1070.59	1081.91	1078.24	0.61	ppb
Molybdenum	94-1	8.44	8.27	8.50	8.40	1.41	ppb
Molybdenum	95-1	1.11	1.09	1.10	1.10	0.81	ppb
Molybdenum	96-1	2.20	2.16	2.20	2.19	1.11	ppb
Molybdenum	97-1	1.09	1.07	1.07	1.07	1.39	ppb
Molybdenum	98-1	1.07	1.07	1.13	1.09	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.19	20.11	20.11	20.14	0.23	ppb
Phosphorus	31-2	1329.85	1231.31	1329.61	1296.92	4.38	ppb
Potassium	39-2	797.31	800.05	792.03	796.46	0.51	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	11.26	11.20	11.69	11.38	2.37	ppb
Selenium	78-2	3.79	4.56	4.61	4.32	10.68	ppb
Selenium	82-1	2.11	2.11	1.98	2.07	3.57	ppb
Silicon	28-1	745.30	731.74	741.98	739.68	0.96	ppb
Silver	109-1	0.14	0.14	0.13	0.13	6.03	ppb
Silver	107-1	0.13	0.13	0.12	0.13	2.49	ppb
Sodium	23-2	68.10	70.04	69.89	69.34	1.55	ppb
Strontium	86-1	30.86	30.92	30.97	30.92	0.18	ppb
Strontium	88-1	31.29	31.33	31.49	31.37	0.33	ppb
Sulfur	34-1	1628.22	1506.74	1596.91	1577.29	4.00	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.12	0.13	0.11	0.12	8.43	ppb
Thallium	205-1	0.11	0.12	0.11	0.11	4.60	ppb
Thorium	232-1	2.00	2.04	2.04	2.03	1.06	ppb
Tin	118-1	0.25	0.27	0.26	0.26	4.21	ppb
Titanium	47-1	39.23	37.49	38.57	38.43	2.28	ppb
Uranium	238-1	0.69	0.71	0.73	0.71	3.24	ppb
Vanadium	51-2	22.50	22.67	22.29	22.49	0.85	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-10DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:27:13	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	65.32	64.90	65.56	65.26	0.51	ppb
Zirconium	90-1	5.00	4.89	4.91	4.94	1.22	ppb
Zirconium	91-1	4.62	5.03	4.78	4.81	4.38	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-11DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS021-1824-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:30:48 DataFile Name : 079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24227.62	24173.69	23941.67	24114.33	0.63	ppb
Antimony	121-1	0.11	0.11	0.12	0.11	6.25	ppb
Arsenic	75-2	9.07	9.14	9.24	9.15	0.92	ppb
Barium	135-1	429.96	429.02	434.31	431.10	0.65	ppb
Barium	137-1	430.17	427.93	429.30	429.13	0.26	ppb
Beryllium	9-1	1.12	1.17	1.20	1.16	3.48	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	3.23	3.33	3.46	3.34	3.37	ppb
Boron	11-1	3.15	3.44	3.23	3.28	4.52	ppb
Cadmium	111-1	0.33	0.35	0.38	0.35	7.16	ppb
Cadmium	106-1	-0.57	-0.36	0.46	-0.16		ppb
Cadmium	108-1	1.28	0.96	1.33	1.19	16.72	ppb
Calcium	43-1	2417.87	2400.63	2399.15	2405.89	0.43	ppb
Calcium	44-1	2356.95	2366.53	2365.29	2362.92	0.22	ppb
Chromium	52-2	24.98	24.90	24.52	24.80	1.00	ppb
Cobalt	59-2	16.49	16.26	16.38	16.38	0.68	ppb
Copper	63-2	49.26	49.00	48.45	48.90	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	41089.35	40669.62	40032.87	40597.28	1.31	ppb
Iron	57-2	40333.04	40074.41	39687.78	40031.74	0.81	ppb
Krypton	83-1						cps
Lead	206-1	55.44	55.75	56.30	55.83	0.78	ppb
Lead	207-1	50.50	50.34	51.07	50.64	0.76	ppb
Lead	208-1	52.55	52.67	52.96	52.73	0.40	ppb
Lithium	6-1				106		%
Magnesium	24-2	5585.31	5563.57	5535.01	5561.29	0.45	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-11DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:30:48	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1648.37	1644.31	1631.01	1641.23	0.55	ppb
Molybdenum	94-1	10.95	10.96	11.08	11.00	0.62	ppb
Molybdenum	95-1	1.13	1.18	1.12	1.14	2.79	ppb
Molybdenum	96-1	2.61	2.60	2.61	2.61	0.18	ppb
Molybdenum	97-1	1.09	1.14	1.09	1.11	2.70	ppb
Molybdenum	98-1	1.04	1.07	1.12	1.08	3.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.14	31.05	30.00	30.73	2.06	ppb
Phosphorus	31-2	1299.53	1245.68	1243.61	1262.94	2.51	ppb
Potassium	39-2	962.26	948.73	949.05	953.34	0.81	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	13.76	9.59	11.98	11.77	17.77	ppb
Selenium	78-2	4.38	3.54	4.37	4.10	11.85	ppb
Selenium	82-1	1.71	1.82	1.56	1.69	7.85	ppb
Silicon	28-1	1042.19	1041.22	1038.80	1040.74	0.17	ppb
Silver	109-1	0.13	0.12	0.13	0.12	5.38	ppb
Silver	107-1	0.12	0.12	0.12	0.12	1.00	ppb
Sodium	23-2	67.08	66.97	67.72	67.25	0.60	ppb
Strontium	86-1	22.58	23.13	23.09	22.93	1.34	ppb
Strontium	88-1	23.29	23.14	23.25	23.23	0.34	ppb
Sulfur	34-1	1042.59	1015.71	1031.64	1029.98	1.31	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.15	0.15	0.16	0.16	3.87	ppb
Thallium	205-1	0.15	0.15	0.15	0.15	0.63	ppb
Thorium	232-1	3.70	3.71	3.75	3.72	0.61	ppb
Tin	118-1	0.27	0.24	0.23	0.25	9.36	ppb
Titanium	47-1	40.62	40.67	40.93	40.74	0.40	ppb
Uranium	238-1	0.78	0.77	0.77	0.78	0.60	ppb
Vanadium	51-2	29.98	30.04	29.40	29.81	1.19	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-11DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:30:48	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	94.31	92.96	92.04	93.10	1.22	ppb
Zirconium	90-1	6.67	6.62	6.68	6.65	0.50	ppb
Zirconium	91-1	6.68	6.56	6.67	6.64	0.95	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-12DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:34:23 DataFile Name : 080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13933.41	14167.58	14151.58	14084.19	0.93	ppb
Antimony	121-1	0.11	0.12	0.11	0.11	4.73	ppb
Arsenic	75-2	4.04	4.12	3.90	4.02	2.82	ppb
Barium	135-1	228.52	215.27	223.43	222.41	3.01	ppb
Barium	137-1	225.45	213.95	221.14	220.18	2.64	ppb
Beryllium	9-1	0.63	0.57	0.55	0.58	6.77	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	3.71	3.47	3.39	3.52	4.68	ppb
Boron	11-1	3.35	3.38	3.45	3.39	1.51	ppb
Cadmium	111-1	0.23	0.29	0.30	0.27	13.58	ppb
Cadmium	106-1	-1.52	-0.92	-0.80	-1.08		ppb
Cadmium	108-1	0.75	0.77	0.67	0.73	7.32	ppb
Calcium	43-1	2579.12	2458.90	2565.08	2534.37	2.59	ppb
Calcium	44-1	2599.47	2449.83	2529.43	2526.24	2.96	ppb
Chromium	52-2	15.34	15.56	15.34	15.41	0.82	ppb
Cobalt	59-2	7.64	7.63	7.76	7.68	0.91	ppb
Copper	63-2	36.29	36.68	36.64	36.54	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				106		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	20168.11	20250.68	20486.01	20301.60	0.81	ppb
Iron	57-2	19824.25	20082.40	20260.04	20055.56	1.09	ppb
Krypton	83-1						cps
Lead	206-1	33.93	31.74	32.80	32.82	3.33	ppb
Lead	207-1	30.59	28.97	29.77	29.78	2.72	ppb
Lead	208-1	31.89	30.26	30.92	31.02	2.64	ppb
Lithium	6-1				102		%
Magnesium	24-2	3343.98	3375.92	3367.09	3362.33	0.49	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-12DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:34:23	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	708.42	711.63	717.87	712.64	0.67	ppb
Molybdenum	94-1	6.23	5.79	5.91	5.98	3.81	ppb
Molybdenum	95-1	0.77	0.70	0.74	0.74	4.39	ppb
Molybdenum	96-1	1.60	1.52	1.42	1.52	5.87	ppb
Molybdenum	97-1	0.76	0.72	0.69	0.72	4.81	ppb
Molybdenum	98-1	0.74	0.71	0.75	0.73	2.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.79	18.51	18.74	18.35	2.70	ppb
Phosphorus	31-2	1238.32	1305.85	1280.52	1274.90	2.68	ppb
Potassium	39-2	997.26	1016.99	1032.54	1015.60	1.74	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	9.45	7.56	10.94	9.32	18.21	ppb
Selenium	78-2	2.87	4.07	3.26	3.40	18.01	ppb
Selenium	82-1	1.70	1.34	1.42	1.49	12.46	ppb
Silicon	28-1	982.29	931.11	952.87	955.42	2.69	ppb
Silver	109-1	0.06	0.07	0.08	0.07	8.60	ppb
Silver	107-1	0.07	0.07	0.08	0.08	7.90	ppb
Sodium	23-2	55.28	59.96	56.78	57.34	4.17	ppb
Strontium	86-1	18.63	17.90	18.10	18.21	2.07	ppb
Strontium	88-1	18.78	17.89	18.46	18.38	2.47	ppb
Sulfur	34-1	868.77	674.49	778.65	773.97	12.56	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.09	0.10	0.11	0.10	8.17	ppb
Thallium	205-1	0.09	0.09	0.10	0.09	4.88	ppb
Thorium	232-1	1.78	1.72	1.76	1.75	1.62	ppb
Tin	118-1	0.17	0.17	0.20	0.18	8.82	ppb
Titanium	47-1	44.70	42.13	43.86	43.57	3.01	ppb
Uranium	238-1	0.63	0.61	0.62	0.62	1.54	ppb
Vanadium	51-2	16.08	15.98	16.11	16.05	0.41	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-12DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:34:23	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	62.66	63.58	63.56	63.27	0.83	ppb
Zirconium	90-1	3.49	3.43	3.50	3.47	1.14	ppb
Zirconium	91-1	3.54	3.39	3.47	3.47	2.24	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:37:59 DataFile Name : 081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17810.35	17608.14	17581.35	17666.61	0.71	ppb
Antimony	121-1	0.13	0.13	0.13	0.13	0.65	ppb
Arsenic	75-2	5.91	5.90	5.91	5.91	0.09	ppb
Barium	135-1	353.79	347.70	354.16	351.88	1.03	ppb
Barium	137-1	349.14	345.72	351.19	348.68	0.79	ppb
Beryllium	9-1	0.83	0.81	0.79	0.81	2.74	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	2.67	2.71	2.71	2.70	1.01	ppb
Boron	11-1	2.59	2.65	2.81	2.68	4.21	ppb
Cadmium	111-1	0.40	0.45	0.50	0.45	10.89	ppb
Cadmium	106-1	-1.23	-1.20	-0.28	-0.90		ppb
Cadmium	108-1	0.94	1.08	1.10	1.04	8.65	ppb
Calcium	43-1	1871.34	1812.27	1870.48	1851.36	1.83	ppb
Calcium	44-1	1858.95	1823.61	1857.72	1846.76	1.09	ppb
Chromium	52-2	18.04	18.10	17.93	18.03	0.47	ppb
Cobalt	59-2	11.24	10.90	11.13	11.09	1.55	ppb
Copper	63-2	45.67	45.32	45.92	45.64	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	28667.40	28374.50	28456.28	28499.40	0.53	ppb
Iron	57-2	27903.20	28001.08	28096.15	28000.14	0.34	ppb
Krypton	83-1						cps
Lead	206-1	42.84	41.94	43.56	42.78	1.89	ppb
Lead	207-1	39.42	38.18	39.86	39.15	2.22	ppb
Lead	208-1	40.90	39.69	41.26	40.62	2.03	ppb
Lithium	6-1				104		%
Magnesium	24-2	3835.35	3802.20	3816.82	3818.12	0.44	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:37:59 DataFile Name : 081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	747.80	745.73	742.83	745.45	0.33	ppb
Molybdenum	94-1	7.96	8.06	7.88	7.97	1.11	ppb
Molybdenum	95-1	0.84	0.89	0.92	0.88	4.70	ppb
Molybdenum	96-1	1.96	2.02	1.98	1.99	1.63	ppb
Molybdenum	97-1	0.88	0.91	0.94	0.91	3.25	ppb
Molybdenum	98-1	0.88	0.88	0.90	0.89	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.88	24.58	25.23	24.90	1.30	ppb
Phosphorus	31-2	1043.37	1121.14	1108.54	1091.02	3.83	ppb
Potassium	39-2	1027.75	1050.08	1043.32	1040.39	1.10	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	8.38	8.24	14.12	10.25	32.78	ppb
Selenium	78-2	3.68	5.18	3.93	4.26	18.87	ppb
Selenium	82-1	1.87	1.93	2.10	1.97	5.86	ppb
Silicon	28-1	889.84	886.18	886.18	887.40	0.24	ppb
Silver	109-1	0.07	0.08	0.08	0.08	9.39	ppb
Silver	107-1	0.08	0.08	0.08	0.08	3.06	ppb
Sodium	23-2	54.58	56.61	54.92	55.37	1.97	ppb
Strontium	86-1	17.21	17.06	16.93	17.07	0.83	ppb
Strontium	88-1	17.51	17.33	17.38	17.41	0.52	ppb
Sulfur	34-1	1121.29	1099.09	1132.01	1117.46	1.50	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.10	0.11	0.10	3.12	ppb
Thallium	205-1	0.10	0.10	0.11	0.10	2.46	ppb
Thorium	232-1	2.54	2.52	2.57	2.55	0.98	ppb
Tin	118-1	0.19	0.17	0.19	0.18	7.59	ppb
Titanium	47-1	42.56	42.53	42.58	42.56	0.06	ppb
Uranium	238-1	0.79	0.75	0.76	0.77	3.19	ppb
Vanadium	51-2	20.63	20.28	20.81	20.58	1.29	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:37:59	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	70.35	68.97	69.20	69.51	1.07	ppb
Zirconium	90-1	4.77	4.69	4.76	4.74	0.95	ppb
Zirconium	91-1	4.77	4.62	4.78	4.73	1.85	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 19:46:06	DataFile Name :	082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49839.88	49693.75	49274.99	49602.87	0.59	ppb
Antimony	121-1	491.50	493.19	496.24	493.64	0.49	ppb
Arsenic	75-2	459.14	455.87	457.35	457.45	0.36	ppb
Barium	135-1	2454.58	2422.82	2435.14	2437.51	0.66	ppb
Barium	137-1	2425.47	2439.97	2431.35	2432.26	0.30	ppb
Beryllium	9-1	464.68	459.66	457.54	460.63	0.80	ppb
Bismuth	209-1				85		%
Bismuth	209-2				80		%
Boron	10-1	434.40	443.43	453.87	443.90	2.20	ppb
Boron	11-1	431.52	437.92	447.80	439.08	1.87	ppb
Cadmium	111-1	490.11	490.02	492.38	490.84	0.27	ppb
Cadmium	106-1	499.20	507.17	501.89	502.75	0.81	ppb
Cadmium	108-1	495.58	499.65	492.84	496.02	0.69	ppb
Calcium	43-1	226897.88	224955.75	224229.01	225360.88	0.61	ppb
Calcium	44-1	227219.80	224616.56	223937.46	225257.94	0.77	ppb
Chromium	52-2	478.00	477.56	475.74	477.10	0.25	ppb
Cobalt	59-2	455.74	458.94	460.40	458.36	0.52	ppb
Copper	63-2	958.37	961.94	963.53	961.28	0.27	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				102		%
Holmium	165-2				97		%
Indium	115-1				88		%
Indium	115-2				90		%
Iron	56-2	122360.19	122153.84	122165.58	122226.53	0.09	ppb
Iron	57-2	121852.86	122649.05	121984.42	122162.11	0.35	ppb
Krypton	83-1						cps
Lead	206-1	494.05	498.80	500.75	497.87	0.69	ppb
Lead	207-1	481.00	489.82	494.18	488.33	1.37	ppb
Lead	208-1	487.47	489.89	492.10	489.82	0.47	ppb
Lithium	6-1				93		%
Magnesium	24-2	238547.43	238911.29	237912.56	238457.09	0.21	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 19:46:06	DataFile Name :	082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	939.50	947.23	949.79	945.50	0.57	ppb
Molybdenum	94-1	2383.56	2408.81	2403.54	2398.63	0.56	ppb
Molybdenum	95-1	2394.16	2413.67	2395.65	2401.16	0.45	ppb
Molybdenum	96-1	2396.63	2417.99	2405.77	2406.80	0.45	ppb
Molybdenum	97-1	2388.83	2402.55	2417.25	2402.88	0.59	ppb
Molybdenum	98-1	2384.88	2402.70	2405.00	2397.52	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	451.46	455.12	452.50	453.03	0.42	ppb
Phosphorus	31-2	9500.24	9649.19	9356.01	9501.81	1.54	ppb
Potassium	39-2	119988.32	120047.33	119278.24	119771.29	0.36	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	77-2	522.07	485.36	481.36	496.26	4.52	ppb
Selenium	78-2	481.06	489.18	480.95	483.73	0.98	ppb
Selenium	82-1	466.81	475.58	473.33	471.91	0.97	ppb
Silicon	28-1	519.83	522.82	527.45	523.37	0.73	ppb
Silver	109-1	474.02	471.71	470.97	472.23	0.34	ppb
Silver	107-1	481.24	477.61	478.65	479.17	0.39	ppb
Sodium	23-2	230801.03	229541.29	231303.03	230548.45	0.39	ppb
Strontium	86-1	473.83	479.59	481.11	478.18	0.80	ppb
Strontium	88-1	478.96	480.56	478.95	479.49	0.19	ppb
Sulfur	34-1	9216.19	9047.56	9028.99	9097.58	1.13	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	504.56	502.76	501.36	502.90	0.32	ppb
Thallium	205-1	505.56	501.10	499.93	502.20	0.59	ppb
Thorium	232-1	489.78	488.28	487.34	488.47	0.25	ppb
Tin	118-1	473.60	480.12	479.29	477.67	0.74	ppb
Titanium	47-1	2407.62	2392.77	2403.29	2401.22	0.32	ppb
Uranium	238-1	483.30	485.20	480.86	483.12	0.45	ppb
Vanadium	51-2	478.17	477.47	479.68	478.44	0.24	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 19:46:06	DataFile Name :	082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1008.84	1015.17	1012.65	1012.22	0.31	ppb
Zirconium	90-1	482.34	483.51	482.43	482.76	0.13	ppb
Zirconium	91-1	476.62	482.05	484.05	480.91	0.80	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P7
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 19:49:47 DataFile Name : 083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.18	2.21	2.22	2.53	21.89	ppb
Antimony	121-1	0.22	0.19	0.19	0.20	6.51	ppb
Arsenic	75-2	0.01	0.03	0.01	0.01	74.72	ppb
Barium	135-1	0.27	0.20	0.25	0.24	15.97	ppb
Barium	137-1	0.30	0.23	0.21	0.25	18.07	ppb
Beryllium	9-1	0.08	0.09	0.08	0.09	6.64	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	15.01	13.62	12.87	13.83	7.88	ppb
Boron	11-1	14.75	13.60	12.54	13.63	8.08	ppb
Cadmium	111-1	0.02	-0.09	-0.12	-0.06		ppb
Cadmium	106-1	-0.81	-1.94	-2.34	-1.70		ppb
Cadmium	108-1	0.11	-0.01	0.07	0.06	103.22	ppb
Calcium	43-1	20.42	16.91	13.64	16.99	19.95	ppb
Calcium	44-1	19.36	17.52	15.78	17.55	10.19	ppb
Chromium	52-2	0.01	0.06	0.06	0.04	65.65	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	31.27	ppb
Copper	63-2	0.05	0.06	0.06	0.06	5.13	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				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	7.48	7.45	6.92	7.28	4.35	ppb
Iron	57-2	7.09	7.81	6.02	6.97	12.95	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.05	0.05	14.87	ppb
Lead	207-1	0.05	0.05	0.04	0.05	15.13	ppb
Lead	208-1	0.05	0.04	0.04	0.04	15.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	13.29	12.73	12.04	12.69	4.93	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 19:49:47	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.06	0.07	0.07	7.54	ppb
Molybdenum	94-1	0.58	0.48	0.44	0.50	13.52	ppb
Molybdenum	95-1	0.71	0.58	0.57	0.62	12.90	ppb
Molybdenum	96-1	0.68	0.57	0.51	0.59	14.44	ppb
Molybdenum	97-1	0.67	0.60	0.53	0.60	11.66	ppb
Molybdenum	98-1	0.70	0.56	0.53	0.60	14.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.01	0.02	38.99	ppb
Phosphorus	31-2	-20.58	-23.91	-27.42	-23.97		ppb
Potassium	39-2	7.67	9.93	10.43	9.34	15.71	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.16	0.38	0.53	0.36	52.90	ppb
Selenium	82-1	0.21	-0.16	0.07	0.04	482.57	ppb
Silicon	28-1	-1.40	-1.16	0.44	-0.71		ppb
Silver	109-1	0.07	0.07	0.05	0.06	19.63	ppb
Silver	107-1	0.06	0.05	0.05	0.06	13.78	ppb
Sodium	23-2	20.84	19.22	18.07	19.37	7.20	ppb
Strontium	86-1	0.06	0.05	0.04	0.05	22.95	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	9.98	ppb
Sulfur	34-1	-446.25	-422.55	-278.03	-382.28		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.08	0.09	0.09	8.04	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	2.46	ppb
Thorium	232-1	0.07	0.06	0.06	0.06	11.41	ppb
Tin	118-1	0.11	0.08	0.07	0.09	20.62	ppb
Titanium	47-1	0.25	0.22	0.12	0.20	32.76	ppb
Uranium	238-1	0.04	0.04	0.03	0.03	17.08	ppb
Vanadium	51-2	0.03	0.02	0.03	0.02	27.49	ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 19:49:47	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.10	-0.14	-0.12	-0.12		ppb
Zirconium	90-1	0.06	0.05	0.04	0.05	12.68	ppb
Zirconium	91-1	0.08	0.07	0.06	0.07	18.24	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13DUPDLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01DU Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:53:52 DataFile Name : 084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17657.34	17597.82	17587.15	17614.10	0.21	ppb
Antimony	121-1	0.19	0.20	0.18	0.19	3.75	ppb
Arsenic	75-2	5.85	6.32	6.13	6.10	3.83	ppb
Barium	135-1	359.17	358.42	358.89	358.83	0.10	ppb
Barium	137-1	354.37	355.46	357.54	355.79	0.45	ppb
Beryllium	9-1	0.86	0.83	0.83	0.84	1.99	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	6.50	6.22	6.06	6.26	3.51	ppb
Boron	11-1	6.48	6.21	6.05	6.24	3.50	ppb
Cadmium	111-1	0.51	0.53	0.58	0.54	6.71	ppb
Cadmium	106-1	-0.81	-0.07	0.38	-0.17		ppb
Cadmium	108-1	0.90	1.06	0.95	0.97	8.46	ppb
Calcium	43-1	1885.18	1900.16	1905.32	1896.88	0.55	ppb
Calcium	44-1	1875.96	1876.15	1874.01	1875.37	0.06	ppb
Chromium	52-2	18.33	18.18	17.91	18.14	1.18	ppb
Cobalt	59-2	10.97	11.16	11.04	11.06	0.86	ppb
Copper	63-2	46.08	45.81	46.14	46.01	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	28455.09	28397.39	28254.08	28368.85	0.36	ppb
Iron	57-2	27882.35	27862.72	27820.56	27855.21	0.11	ppb
Krypton	83-1						cps
Lead	206-1	43.07	43.03	42.76	42.95	0.40	ppb
Lead	207-1	38.90	38.92	39.44	39.09	0.79	ppb
Lead	208-1	40.58	40.56	40.91	40.68	0.48	ppb
Lithium	6-1				108		%
Magnesium	24-2	3814.36	3829.97	3798.42	3814.25	0.41	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13DUPDLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01DU Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:53:52 DataFile Name : 084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	739.36	739.17	737.10	738.55	0.17	ppb
Molybdenum	94-1	8.20	7.97	8.33	8.17	2.26	ppb
Molybdenum	95-1	1.08	1.07	1.04	1.06	2.07	ppb
Molybdenum	96-1	2.26	2.20	2.11	2.19	3.52	ppb
Molybdenum	97-1	1.04	1.07	1.05	1.05	1.66	ppb
Molybdenum	98-1	1.08	1.06	1.09	1.07	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.89	24.75	24.61	24.75	0.56	ppb
Phosphorus	31-2	1036.64	1128.03	1115.21	1093.29	4.53	ppb
Potassium	39-2	1052.97	1053.41	1035.25	1047.21	0.99	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	13.04	11.49	15.29	13.27	14.39	ppb
Selenium	78-2	4.63	4.70	4.24	4.52	5.40	ppb
Selenium	82-1	2.17	2.05	1.85	2.02	7.89	ppb
Silicon	28-1	916.41	910.92	915.72	914.35	0.33	ppb
Silver	109-1	0.11	0.11	0.09	0.10	10.97	ppb
Silver	107-1	0.12	0.10	0.10	0.11	10.95	ppb
Sodium	23-2	45.25	43.32	43.30	43.96	2.55	ppb
Strontium	86-1	17.49	17.89	17.34	17.57	1.63	ppb
Strontium	88-1	17.74	17.48	17.61	17.61	0.73	ppb
Sulfur	34-1	1485.85	1421.89	1305.23	1404.32	6.52	ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	0.15	0.16	0.14	0.15	6.60	ppb
Thallium	205-1	0.15	0.14	0.14	0.14	5.48	ppb
Thorium	232-1	2.57	2.59	2.59	2.59	0.47	ppb
Tin	118-1	0.22	0.22	0.21	0.22	2.40	ppb
Titanium	47-1	42.75	42.82	42.64	42.73	0.21	ppb
Uranium	238-1	0.78	0.79	0.81	0.80	1.93	ppb
Vanadium	51-2	20.39	20.61	20.38	20.46	0.65	ppb
Yttrium	89-1				113		%
Yttrium	89-2				115		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01DU	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:53:52	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	68.36	67.78	67.49	67.88	0.65	ppb
Zirconium	90-1	4.92	4.88	4.89	4.90	0.33	ppb
Zirconium	91-1	4.88	4.95	4.84	4.89	1.10	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13LDLX25 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01LDI Dilution Factor : 25
 Date & Time Acquired :: 2018-12-21 19:57:27 DataFile Name : 085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3601.96	3579.83	3571.23	3584.34	0.44	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	9.77	ppb
Arsenic	75-2	1.17	1.27	1.28	1.24	4.95	ppb
Barium	135-1	70.46	70.91	71.11	70.82	0.47	ppb
Barium	137-1	70.88	70.40	70.46	70.58	0.38	ppb
Beryllium	9-1	0.15	0.19	0.20	0.18	14.17	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	3.34	3.09	3.30	3.25	4.09	ppb
Boron	11-1	3.32	2.95	2.97	3.08	6.63	ppb
Cadmium	111-1	-0.03	-0.05	-0.02	-0.04		ppb
Cadmium	106-1	-1.86	-2.26	-1.73	-1.95		ppb
Cadmium	108-1	0.29	0.09	0.24	0.21	50.45	ppb
Calcium	43-1	360.82	365.91	382.28	369.67	3.03	ppb
Calcium	44-1	370.08	369.91	374.33	371.44	0.67	ppb
Chromium	52-2	3.72	3.61	3.81	3.71	2.65	ppb
Cobalt	59-2	2.24	2.22	2.23	2.23	0.27	ppb
Copper	63-2	9.21	9.05	9.49	9.25	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	5865.14	5748.47	5839.91	5817.84	1.06	ppb
Iron	57-2	5671.81	5698.62	5699.59	5690.01	0.28	ppb
Krypton	83-1						cps
Lead	206-1	8.40	8.35	8.47	8.41	0.69	ppb
Lead	207-1	7.57	7.60	7.63	7.60	0.39	ppb
Lead	208-1	7.95	7.88	8.00	7.94	0.73	ppb
Lithium	6-1				109		%
Magnesium	24-2	794.37	770.32	788.08	784.26	1.59	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13LDLX25 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01LDI Dilution Factor : 25
 Date & Time Acquired :: 2018-12-21 19:57:27 DataFile Name : 085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	151.62	149.90	152.23	151.25	0.80	ppb
Molybdenum	94-1	1.65	1.66	1.67	1.66	0.68	ppb
Molybdenum	95-1	0.27	0.22	0.21	0.24	13.53	ppb
Molybdenum	96-1	0.45	0.43	0.47	0.45	3.90	ppb
Molybdenum	97-1	0.20	0.23	0.21	0.21	7.16	ppb
Molybdenum	98-1	0.23	0.22	0.20	0.22	6.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.01	4.80	5.16	4.99	3.57	ppb
Phosphorus	31-2	211.02	202.43	216.10	209.85	3.29	ppb
Potassium	39-2	212.97	211.64	207.22	210.61	1.43	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	2.07	0.89	1.77	1.58	39.11	ppb
Selenium	78-2	1.40	1.59	1.40	1.46	7.50	ppb
Selenium	82-1	0.27	0.54	0.29	0.37	40.92	ppb
Silicon	28-1	187.27	186.45	184.84	186.19	0.66	ppb
Silver	109-1	0.03	0.02	0.02	0.02	15.79	ppb
Silver	107-1	0.03	0.02	0.02	0.02	22.75	ppb
Sodium	23-2	13.62	13.65	13.54	13.60	0.41	ppb
Strontium	86-1	3.65	3.42	3.58	3.55	3.38	ppb
Strontium	88-1	3.59	3.55	3.56	3.57	0.60	ppb
Sulfur	34-1	-496.24	-467.28	-490.55	-484.69		ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	0.04	0.03	0.03	0.03	15.25	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.83	ppb
Thorium	232-1	0.50	0.49	0.50	0.50	0.12	ppb
Tin	118-1	0.04	0.05	0.04	0.05	5.21	ppb
Titanium	47-1	8.48	8.62	8.38	8.49	1.46	ppb
Uranium	238-1	0.15	0.15	0.15	0.15	1.48	ppb
Vanadium	51-2	4.14	4.17	4.20	4.17	0.77	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13LDLX25	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01LDI	Dilution Factor :	25
Date & Time Acquired ::	2018-12-21 19:57:27	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.07	13.99	14.09	14.05	0.38	ppb
Zirconium	90-1	0.95	0.99	0.99	0.98	2.24	ppb
Zirconium	91-1	1.01	0.96	0.93	0.97	4.01	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-14DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:01:03	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18001.12	18399.59	18300.93	18233.88	1.14	ppb
Antimony	121-1	101.30	98.95	98.64	99.63	1.46	ppb
Arsenic	75-2	96.62	97.60	95.06	96.43	1.33	ppb
Barium	135-1	803.76	791.06	785.29	793.37	1.19	ppb
Barium	137-1	803.21	783.96	779.09	788.75	1.62	ppb
Beryllium	9-1	98.80	97.23	96.35	97.46	1.27	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	82.04	82.31	83.68	82.68	1.07	ppb
Boron	11-1	81.89	82.39	83.94	82.74	1.29	ppb
Cadmium	111-1	96.51	94.10	94.60	95.07	1.34	ppb
Cadmium	106-1	97.71	91.56	97.03	95.43	3.53	ppb
Cadmium	108-1	97.77	95.41	94.29	95.82	1.85	ppb
Calcium	43-1	10020.51	9856.07	9829.71	9902.10	1.04	ppb
Calcium	44-1	9897.07	9728.08	9669.95	9765.03	1.21	ppb
Chromium	52-2	108.52	110.03	109.86	109.47	0.75	ppb
Cobalt	59-2	105.49	105.75	104.72	105.32	0.51	ppb
Copper	63-2	223.26	225.87	225.07	224.73	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	30802.75	31013.80	30964.00	30926.85	0.36	ppb
Iron	57-2	30241.09	30562.51	30674.99	30492.86	0.74	ppb
Krypton	83-1						cps
Lead	206-1	137.12	134.75	134.60	135.49	1.04	ppb
Lead	207-1	128.83	125.10	125.43	126.45	1.63	ppb
Lead	208-1	131.70	129.34	129.35	130.13	1.05	ppb
Lithium	6-1				108		%
Magnesium	24-2	11739.11	11941.38	11883.47	11854.65	0.88	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-14DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:01:03 DataFile Name : 086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	867.09	875.26	867.93	870.09	0.52	ppb
Molybdenum	94-1	435.27	430.25	433.05	432.85	0.58	ppb
Molybdenum	95-1	418.49	411.81	414.70	415.00	0.81	ppb
Molybdenum	96-1	420.12	414.77	413.74	416.21	0.82	ppb
Molybdenum	97-1	418.39	412.62	409.13	413.38	1.13	ppb
Molybdenum	98-1	420.49	413.18	412.50	415.39	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	121.29	121.29	121.18	121.26	0.05	ppb
Phosphorus	31-2	1021.49	1042.94	1050.17	1038.20	1.44	ppb
Potassium	39-2	5155.39	5233.28	5178.94	5189.21	0.77	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	77-2	109.98	105.22	105.43	106.88	2.52	ppb
Selenium	78-2	98.77	96.81	100.49	98.69	1.86	ppb
Selenium	82-1	97.27	96.70	97.18	97.05	0.32	ppb
Silicon	28-1	1066.68	1034.98	1025.05	1042.23	2.09	ppb
Silver	109-1	87.61	86.32	85.26	86.40	1.37	ppb
Silver	107-1	89.07	86.61	86.83	87.50	1.56	ppb
Sodium	23-2	8037.96	8123.68	8117.17	8092.94	0.59	ppb
Strontium	86-1	107.19	105.81	106.83	106.61	0.67	ppb
Strontium	88-1	109.26	107.87	106.99	108.04	1.06	ppb
Sulfur	34-1	1325.42	1131.49	1145.05	1200.65	9.02	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	96.43	94.14	94.51	95.03	1.29	ppb
Thallium	205-1	96.09	94.22	94.64	94.98	1.03	ppb
Thorium	232-1	2.48	2.41	2.42	2.44	1.57	ppb
Tin	118-1	90.80	89.20	88.17	89.39	1.48	ppb
Titanium	47-1	474.05	462.30	461.76	466.04	1.49	ppb
Uranium	238-1	86.21	84.23	84.53	84.99	1.25	ppb
Vanadium	51-2	110.80	111.76	110.36	110.98	0.64	ppb
Yttrium	89-1				112		%
Yttrium	89-2				113		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-14DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:01:03	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	216.17	222.20	221.01	219.79	1.45	ppb
Zirconium	90-1	95.90	95.43	94.16	95.16	0.95	ppb
Zirconium	91-1	95.52	94.28	93.68	94.49	1.00	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-15DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:04:37	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19154.49	19200.18	19091.15	19148.61	0.29	ppb
Antimony	121-1	103.12	102.86	103.49	103.16	0.30	ppb
Arsenic	75-2	101.60	102.60	102.46	102.22	0.53	ppb
Barium	135-1	819.02	816.73	820.98	818.91	0.26	ppb
Barium	137-1	817.89	812.80	819.07	816.59	0.41	ppb
Beryllium	9-1	100.61	101.46	101.68	101.25	0.56	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	87.61	89.20	91.13	89.32	1.97	ppb
Boron	11-1	86.77	88.55	90.62	88.65	2.17	ppb
Cadmium	111-1	98.26	98.69	99.33	98.76	0.55	ppb
Cadmium	106-1	96.99	102.98	102.52	100.83	3.31	ppb
Cadmium	108-1	99.65	99.80	99.64	99.69	0.09	ppb
Calcium	43-1	10380.57	10439.39	10247.75	10355.90	0.95	ppb
Calcium	44-1	10233.50	10177.17	10217.10	10209.26	0.28	ppb
Chromium	52-2	115.84	116.05	115.79	115.89	0.12	ppb
Cobalt	59-2	111.77	113.32	111.85	112.31	0.78	ppb
Copper	63-2	235.61	238.52	237.97	237.37	0.65	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				112		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	32445.44	32677.17	32561.75	32561.45	0.36	ppb
Iron	57-2	31974.77	32257.42	32259.64	32163.95	0.51	ppb
Krypton	83-1						cps
Lead	206-1	142.35	141.70	142.41	142.16	0.28	ppb
Lead	207-1	133.07	131.61	133.49	132.72	0.74	ppb
Lead	208-1	136.78	136.33	137.57	136.89	0.46	ppb
Lithium	6-1				108		%
Magnesium	24-2	12537.95	12699.80	12607.88	12615.21	0.64	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-15DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:04:37 DataFile Name : 087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	915.58	918.45	917.97	917.33	0.17	ppb
Molybdenum	94-1	451.42	450.24	451.25	450.97	0.14	ppb
Molybdenum	95-1	433.52	430.36	431.57	431.82	0.37	ppb
Molybdenum	96-1	437.63	431.35	434.24	434.41	0.72	ppb
Molybdenum	97-1	430.39	431.96	436.00	432.78	0.67	ppb
Molybdenum	98-1	433.19	430.52	433.06	432.26	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.00	129.30	128.71	128.34	0.93	ppb
Phosphorus	31-2	1021.92	1039.43	1039.17	1033.51	0.97	ppb
Potassium	39-2	5445.19	5554.45	5509.18	5502.94	1.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	105.63	110.46	123.50	113.19	8.17	ppb
Selenium	78-2	101.00	102.75	103.57	102.44	1.28	ppb
Selenium	82-1	102.45	101.77	100.38	101.54	1.04	ppb
Silicon	28-1	1104.36	1128.01	1128.14	1120.17	1.22	ppb
Silver	109-1	90.05	90.43	89.58	90.02	0.47	ppb
Silver	107-1	90.90	90.40	91.67	90.99	0.70	ppb
Sodium	23-2	8587.44	8657.34	8649.25	8631.35	0.44	ppb
Strontium	86-1	111.10	110.41	113.00	111.50	1.20	ppb
Strontium	88-1	111.77	111.87	113.68	112.44	0.95	ppb
Sulfur	34-1	1220.70	1217.01	1205.44	1214.38	0.66	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	100.08	99.30	100.63	100.01	0.67	ppb
Thallium	205-1	100.43	99.22	100.81	100.15	0.83	ppb
Thorium	232-1	2.51	2.52	2.52	2.52	0.19	ppb
Tin	118-1	92.62	93.10	93.40	93.04	0.42	ppb
Titanium	47-1	486.03	481.58	483.87	483.82	0.46	ppb
Uranium	238-1	89.30	88.94	90.45	89.56	0.88	ppb
Vanadium	51-2	116.75	118.12	117.39	117.42	0.58	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-15DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:04:37	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	233.49	234.04	231.34	232.96	0.61	ppb
Zirconium	90-1	100.24	99.39	99.67	99.77	0.44	ppb
Zirconium	91-1	98.84	99.63	99.65	99.37	0.46	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13ADLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01ADL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:08:12 DataFile Name : 088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18953.97	18999.98	18985.05	18979.67	0.12	ppb
Antimony	121-1	100.55	105.17	103.52	103.08	2.27	ppb
Arsenic	75-2	102.98	104.70	102.19	103.29	1.25	ppb
Barium	135-1	791.16	832.97	812.54	812.22	2.57	ppb
Barium	137-1	793.83	826.47	813.33	811.21	2.02	ppb
Beryllium	9-1	101.10	102.95	100.61	101.55	1.22	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	87.69	91.11	90.26	89.69	1.98	ppb
Boron	11-1	86.41	88.83	90.13	88.45	2.13	ppb
Cadmium	111-1	96.24	98.70	98.17	97.70	1.33	ppb
Cadmium	106-1	98.82	99.90	101.05	99.92	1.11	ppb
Cadmium	108-1	97.96	101.37	98.77	99.37	1.79	ppb
Calcium	43-1	10009.32	10369.11	10368.52	10248.98	2.03	ppb
Calcium	44-1	9913.74	10240.72	10174.27	10109.58	1.71	ppb
Chromium	52-2	114.67	116.35	115.84	115.62	0.75	ppb
Cobalt	59-2	111.28	111.86	111.62	111.59	0.26	ppb
Copper	63-2	235.79	237.88	236.63	236.77	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	32006.89	32242.97	32291.22	32180.36	0.47	ppb
Iron	57-2	31673.88	32013.39	31914.39	31867.22	0.55	ppb
Krypton	83-1						cps
Lead	206-1	137.69	143.43	143.77	141.63	2.41	ppb
Lead	207-1	128.33	134.11	134.04	132.16	2.51	ppb
Lead	208-1	132.25	137.44	137.44	135.71	2.21	ppb
Lithium	6-1				106		%
Magnesium	24-2	12390.61	12505.52	12491.25	12462.46	0.50	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13ADLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01ADL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:08:12 DataFile Name : 088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	901.17	907.30	905.98	904.82	0.36	ppb
Molybdenum	94-1	434.36	453.95	449.99	446.10	2.32	ppb
Molybdenum	95-1	415.31	433.47	430.45	426.41	2.28	ppb
Molybdenum	96-1	417.44	433.25	430.85	427.18	1.99	ppb
Molybdenum	97-1	413.77	430.83	425.89	423.50	2.07	ppb
Molybdenum	98-1	414.98	432.35	431.61	426.32	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.91	129.11	127.68	128.23	0.60	ppb
Phosphorus	31-2	1026.70	1064.54	1038.75	1043.33	1.85	ppb
Potassium	39-2	5410.64	5450.06	5462.51	5441.07	0.50	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	77-2	108.56	112.72	113.40	111.56	2.35	ppb
Selenium	78-2	103.11	102.04	105.67	103.60	1.80	ppb
Selenium	82-1	97.95	101.67	99.79	99.80	1.86	ppb
Silicon	28-1	1025.10	1097.02	1148.30	1090.14	5.68	ppb
Silver	109-1	87.66	91.56	90.38	89.87	2.22	ppb
Silver	107-1	88.60	92.72	90.67	90.67	2.27	ppb
Sodium	23-2	8569.53	8586.83	8522.67	8559.68	0.39	ppb
Strontium	86-1	107.36	111.85	111.54	110.25	2.28	ppb
Strontium	88-1	108.95	113.43	112.34	111.57	2.09	ppb
Sulfur	34-1	1050.52	1209.45	1120.82	1126.93	7.07	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	97.26	100.85	100.32	99.48	1.94	ppb
Thallium	205-1	97.55	101.75	101.54	100.28	2.36	ppb
Thorium	232-1	2.48	2.53	2.49	2.50	1.17	ppb
Tin	118-1	90.04	92.98	91.80	91.60	1.62	ppb
Titanium	47-1	466.98	491.11	482.60	480.23	2.55	ppb
Uranium	238-1	86.95	90.54	90.66	89.38	2.36	ppb
Vanadium	51-2	116.58	117.73	116.90	117.07	0.51	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13ADLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:08:12	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	232.22	230.21	230.87	231.10	0.44	ppb
Zirconium	90-1	96.00	99.30	99.14	98.15	1.89	ppb
Zirconium	91-1	96.60	99.83	98.99	98.47	1.70	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-16DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:11:47 DataFile Name : 089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15338.55	15265.53	15350.41	15318.16	0.30	ppb
Antimony	121-1	0.13	0.14	0.12	0.13	7.31	ppb
Arsenic	75-2	5.64	5.59	5.68	5.64	0.82	ppb
Barium	135-1	332.78	333.12	333.13	333.01	0.06	ppb
Barium	137-1	332.34	331.50	328.35	330.73	0.64	ppb
Beryllium	9-1	0.84	0.88	0.83	0.85	2.84	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	7.07	6.38	6.03	6.49	8.11	ppb
Boron	11-1	6.91	6.54	6.15	6.53	5.85	ppb
Cadmium	111-1	0.52	0.42	0.41	0.45	12.90	ppb
Cadmium	106-1	0.01	-0.94	-1.37	-0.77		ppb
Cadmium	108-1	1.00	0.74	0.63	0.79	24.14	ppb
Calcium	43-1	2662.53	2567.24	2624.06	2617.94	1.83	ppb
Calcium	44-1	2632.27	2610.74	2609.33	2617.44	0.49	ppb
Chromium	52-2	15.51	15.54	15.49	15.51	0.18	ppb
Cobalt	59-2	9.97	9.95	9.92	9.95	0.27	ppb
Copper	63-2	38.55	38.71	38.98	38.75	0.57	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				112		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	22201.53	22204.61	22078.25	22161.46	0.33	ppb
Iron	57-2	21628.72	21784.26	21637.77	21683.58	0.40	ppb
Krypton	83-1						cps
Lead	206-1	36.67	36.95	36.71	36.78	0.41	ppb
Lead	207-1	33.28	33.46	33.29	33.35	0.30	ppb
Lead	208-1	34.76	34.84	34.84	34.81	0.13	ppb
Lithium	6-1				106		%
Magnesium	24-2	3164.91	3165.41	3188.01	3172.78	0.42	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-16DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:11:47	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	816.89	824.06	820.87	820.61	0.44	ppb
Molybdenum	94-1	4.50	4.46	4.55	4.50	1.01	ppb
Molybdenum	95-1	0.77	0.78	0.76	0.77	1.38	ppb
Molybdenum	96-1	1.36	1.38	1.35	1.37	1.30	ppb
Molybdenum	97-1	0.71	0.74	0.79	0.75	5.30	ppb
Molybdenum	98-1	0.73	0.75	0.76	0.75	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.56	18.73	18.84	18.71	0.75	ppb
Phosphorus	31-2	856.14	862.94	841.71	853.60	1.27	ppb
Potassium	39-2	957.37	958.25	957.43	957.68	0.05	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	8.86	10.72	10.51	10.03	10.15	ppb
Selenium	78-2	4.21	3.91	3.99	4.04	3.83	ppb
Selenium	82-1	1.52	1.82	1.77	1.70	9.25	ppb
Silicon	28-1	179.59	176.00	177.11	177.57	1.04	ppb
Silver	109-1	0.08	0.09	0.10	0.09	7.57	ppb
Silver	107-1	0.09	0.08	0.10	0.09	7.86	ppb
Sodium	23-2	80.26	79.91	77.81	79.33	1.67	ppb
Strontium	86-1	24.23	24.91	24.25	24.46	1.58	ppb
Strontium	88-1	25.17	24.95	24.83	24.98	0.68	ppb
Sulfur	34-1	846.17	737.49	727.28	770.31	8.55	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.12	0.12	0.13	0.12	6.06	ppb
Thallium	205-1	0.12	0.12	0.11	0.12	5.13	ppb
Thorium	232-1	2.67	2.74	2.73	2.71	1.37	ppb
Tin	118-1	0.18	0.19	0.17	0.18	5.80	ppb
Titanium	47-1	14.76	14.04	14.68	14.49	2.70	ppb
Uranium	238-1	0.62	0.62	0.62	0.62	0.11	ppb
Vanadium	51-2	15.40	15.64	15.45	15.50	0.83	ppb
Yttrium	89-1				113		%
Yttrium	89-2				113		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-16DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:11:47	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	58.89	58.19	59.08	58.72	0.80	ppb
Zirconium	90-1	2.57	2.58	2.47	2.54	2.29	ppb
Zirconium	91-1	2.54	2.54	2.60	2.56	1.46	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-17DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-1824-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:15:22 DataFile Name : 090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16276.89	16154.67	16139.53	16190.36	0.47	ppb
Antimony	121-1	0.08	0.07	0.08	0.08	6.04	ppb
Arsenic	75-2	4.12	4.08	4.10	4.10	0.42	ppb
Barium	135-1	291.09	288.67	297.74	292.50	1.61	ppb
Barium	137-1	287.41	289.21	292.39	289.67	0.87	ppb
Beryllium	9-1	0.70	0.63	0.67	0.67	4.86	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	4.44	4.25	4.23	4.31	2.65	ppb
Boron	11-1	4.35	4.21	4.02	4.20	3.98	ppb
Cadmium	111-1	0.24	0.31	0.33	0.29	17.25	ppb
Cadmium	106-1	-1.39	-0.52	-0.20	-0.70		ppb
Cadmium	108-1	0.64	0.63	0.76	0.68	11.20	ppb
Calcium	43-1	2960.45	2909.87	2922.02	2930.78	0.90	ppb
Calcium	44-1	2948.99	2917.25	2967.60	2944.61	0.86	ppb
Chromium	52-2	16.33	16.18	16.26	16.26	0.47	ppb
Cobalt	59-2	8.95	8.78	8.73	8.82	1.33	ppb
Copper	63-2	31.44	31.37	31.12	31.31	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	25178.24	24722.73	24667.97	24856.31	1.13	ppb
Iron	57-2	24466.90	24042.61	24102.86	24204.12	0.95	ppb
Krypton	83-1						cps
Lead	206-1	29.08	28.93	29.24	29.08	0.53	ppb
Lead	207-1	26.45	25.94	26.45	26.28	1.12	ppb
Lead	208-1	27.32	27.29	27.39	27.34	0.19	ppb
Lithium	6-1				106		%
Magnesium	24-2	3978.33	3949.41	3935.18	3954.31	0.56	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-17DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:15:22	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	756.85	742.98	749.75	749.86	0.92	ppb
Molybdenum	94-1	5.99	6.07	5.78	5.95	2.50	ppb
Molybdenum	95-1	0.56	0.59	0.60	0.58	4.02	ppb
Molybdenum	96-1	1.36	1.47	1.46	1.43	4.18	ppb
Molybdenum	97-1	0.52	0.55	0.60	0.56	6.63	ppb
Molybdenum	98-1	0.53	0.54	0.55	0.54	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.84	19.63	19.64	19.70	0.62	ppb
Phosphorus	31-2	990.05	940.21	900.11	943.46	4.78	ppb
Potassium	39-2	1122.30	1118.38	1120.07	1120.25	0.18	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	8.72	8.12	14.08	10.31	31.80	ppb
Selenium	78-2	3.16	4.38	2.64	3.40	26.27	ppb
Selenium	82-1	0.95	1.28	1.32	1.18	17.15	ppb
Silicon	28-1	939.89	944.07	942.16	942.04	0.22	ppb
Silver	109-1	0.06	0.06	0.07	0.06	8.39	ppb
Silver	107-1	0.06	0.04	0.05	0.05	16.78	ppb
Sodium	23-2	72.00	69.32	71.02	70.78	1.92	ppb
Strontium	86-1	24.46	24.08	24.43	24.32	0.87	ppb
Strontium	88-1	24.50	24.41	24.54	24.48	0.28	ppb
Sulfur	34-1	341.68	307.51	263.87	304.35	12.81	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.12	0.11	0.11	0.12	4.54	ppb
Thallium	205-1	0.10	0.12	0.11	0.11	5.96	ppb
Thorium	232-1	2.57	2.57	2.59	2.58	0.63	ppb
Tin	118-1	0.14	0.15	0.19	0.16	14.88	ppb
Titanium	47-1	27.90	27.40	27.80	27.70	0.96	ppb
Uranium	238-1	0.53	0.52	0.54	0.53	1.50	ppb
Vanadium	51-2	17.32	17.45	17.33	17.37	0.42	ppb
Yttrium	89-1				111		%
Yttrium	89-2				111		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-17DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:15:22	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	61.83	61.81	61.45	61.70	0.35	ppb
Zirconium	90-1	3.60	3.66	3.54	3.60	1.68	ppb
Zirconium	91-1	3.58	3.76	3.70	3.68	2.43	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-18DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS023-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:18:57 DataFile Name : 091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19128.59	18988.93	19073.71	19063.75	0.37	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	10.43	ppb
Arsenic	75-2	8.84	8.56	8.25	8.55	3.45	ppb
Barium	135-1	259.08	256.73	256.73	257.51	0.53	ppb
Barium	137-1	254.39	254.49	254.60	254.49	0.04	ppb
Beryllium	9-1	0.89	0.88	0.85	0.87	2.41	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	4.26	3.88	4.83	4.32	11.06	ppb
Boron	11-1	4.18	4.08	4.08	4.11	1.39	ppb
Cadmium	111-1	0.06	0.08	0.09	0.07	16.46	ppb
Cadmium	106-1	-1.43	-1.41	-1.40	-1.41		ppb
Cadmium	108-1	0.78	0.61	0.74	0.71	12.33	ppb
Calcium	43-1	2239.96	2250.11	2255.50	2248.52	0.35	ppb
Calcium	44-1	2236.23	2247.97	2235.57	2239.92	0.31	ppb
Chromium	52-2	20.07	20.34	20.36	20.26	0.81	ppb
Cobalt	59-2	13.43	13.59	13.56	13.53	0.62	ppb
Copper	63-2	23.94	23.97	23.82	23.91	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	46311.24	45944.31	46062.69	46106.08	0.41	ppb
Iron	57-2	45642.07	45910.07	46025.45	45859.20	0.43	ppb
Krypton	83-1						cps
Lead	206-1	42.36	42.47	42.17	42.33	0.36	ppb
Lead	207-1	38.44	38.39	38.28	38.37	0.21	ppb
Lead	208-1	40.18	40.14	39.95	40.09	0.31	ppb
Lithium	6-1				104		%
Magnesium	24-2	5665.68	5654.48	5664.01	5661.39	0.11	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-18DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS023-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:18:57 DataFile Name : 091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1588.52	1609.08	1607.37	1601.66	0.71	ppb
Molybdenum	94-1	8.37	8.21	8.15	8.24	1.34	ppb
Molybdenum	95-1	0.76	0.68	0.72	0.72	5.46	ppb
Molybdenum	96-1	1.95	2.05	2.10	2.03	3.92	ppb
Molybdenum	97-1	0.70	0.77	0.69	0.72	5.50	ppb
Molybdenum	98-1	0.66	0.67	0.69	0.67	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.90	26.93	26.95	26.93	0.10	ppb
Phosphorus	31-2	1305.10	1251.20	1272.37	1276.22	2.13	ppb
Potassium	39-2	1579.52	1588.96	1590.68	1586.39	0.38	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	9.28	8.02	6.21	7.84	19.70	ppb
Selenium	78-2	2.66	2.09	2.61	2.45	12.73	ppb
Selenium	82-1	1.09	0.66	0.68	0.81	29.99	ppb
Silicon	28-1	1337.05	1333.19	1328.39	1332.88	0.33	ppb
Silver	109-1	0.05	0.06	0.06	0.05	14.45	ppb
Silver	107-1	0.05	0.05	0.05	0.05	5.50	ppb
Sodium	23-2	104.48	103.32	102.43	103.41	0.99	ppb
Strontium	86-1	18.14	18.28	18.07	18.16	0.60	ppb
Strontium	88-1	18.08	17.94	18.15	18.06	0.59	ppb
Sulfur	34-1	-509.26	-543.61	-531.19	-528.02		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.15	0.15	0.13	0.15	7.04	ppb
Thallium	205-1	0.15	0.14	0.16	0.15	3.50	ppb
Thorium	232-1	3.48	3.40	3.40	3.43	1.36	ppb
Tin	118-1	0.20	0.16	0.17	0.18	10.31	ppb
Titanium	47-1	35.75	35.62	35.93	35.77	0.44	ppb
Uranium	238-1	0.53	0.54	0.54	0.54	0.81	ppb
Vanadium	51-2	26.55	26.94	26.75	26.75	0.72	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-18DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:18:57	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	120.30	119.55	119.95	119.93	0.31	ppb
Zirconium	90-1	5.03	5.06	4.97	5.02	0.89	ppb
Zirconium	91-1	5.12	5.07	5.09	5.09	0.52	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-19DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS023-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:22:34 DataFile Name : 092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17784.88	17710.25	17594.19	17696.44	0.54	ppb
Antimony	121-1	0.05	0.06	0.07	0.06	10.03	ppb
Arsenic	75-2	7.50	7.68	8.02	7.73	3.41	ppb
Barium	135-1	298.22	298.95	296.92	298.03	0.35	ppb
Barium	137-1	295.68	298.19	294.86	296.24	0.59	ppb
Beryllium	9-1	0.96	0.94	0.95	0.95	0.91	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	4.21	4.46	3.61	4.10	10.64	ppb
Boron	11-1	4.01	4.00	4.02	4.01	0.17	ppb
Cadmium	111-1	0.22	0.23	0.07	0.17	52.09	ppb
Cadmium	106-1	-0.64	0.06	-2.27	-0.95		ppb
Cadmium	108-1	0.59	0.67	0.50	0.59	14.36	ppb
Calcium	43-1	2800.51	2832.94	2776.77	2803.41	1.01	ppb
Calcium	44-1	2793.99	2795.68	2772.53	2787.40	0.46	ppb
Chromium	52-2	19.31	19.57	19.30	19.40	0.78	ppb
Cobalt	59-2	9.77	9.88	9.75	9.80	0.71	ppb
Copper	63-2	30.65	30.74	31.15	30.85	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	35790.31	35298.06	35188.66	35425.68	0.90	ppb
Iron	57-2	34826.45	34693.29	34681.53	34733.76	0.23	ppb
Krypton	83-1						cps
Lead	206-1	70.22	70.96	70.50	70.56	0.53	ppb
Lead	207-1	64.62	64.66	64.42	64.57	0.20	ppb
Lead	208-1	67.19	67.10	66.79	67.03	0.32	ppb
Lithium	6-1				104		%
Magnesium	24-2	5615.14	5530.34	5534.88	5560.12	0.86	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-19DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS023-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:22:34 DataFile Name : 092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1127.15	1122.61	1121.66	1123.81	0.26	ppb
Molybdenum	94-1	6.89	6.93	6.69	6.84	1.88	ppb
Molybdenum	95-1	0.65	0.66	0.65	0.66	0.98	ppb
Molybdenum	96-1	1.71	1.84	1.62	1.72	6.30	ppb
Molybdenum	97-1	0.69	0.70	0.59	0.66	8.91	ppb
Molybdenum	98-1	0.65	0.65	0.68	0.66	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.35	23.02	23.03	22.80	1.72	ppb
Phosphorus	31-2	1077.34	1083.76	1088.64	1083.25	0.52	ppb
Potassium	39-2	1142.85	1140.69	1131.31	1138.29	0.54	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	6.49	9.78	7.71	8.00	20.80	ppb
Selenium	78-2	2.60	2.23	3.01	2.61	14.87	ppb
Selenium	82-1	1.07	0.76	0.44	0.76	41.79	ppb
Silicon	28-1	907.37	913.84	894.74	905.32	1.07	ppb
Silver	109-1	0.06	0.07	0.07	0.07	5.44	ppb
Silver	107-1	0.06	0.07	0.07	0.07	8.51	ppb
Sodium	23-2	98.68	97.45	97.55	97.89	0.70	ppb
Strontium	86-1	25.14	24.98	25.00	25.04	0.35	ppb
Strontium	88-1	25.48	25.51	25.21	25.40	0.65	ppb
Sulfur	34-1	-421.10	-423.26	-460.99	-435.12		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.13	0.13	0.15	0.14	6.95	ppb
Thallium	205-1	0.13	0.13	0.12	0.13	5.19	ppb
Thorium	232-1	3.03	3.05	3.02	3.03	0.46	ppb
Tin	118-1	0.39	0.40	0.39	0.39	1.07	ppb
Titanium	47-1	24.78	24.74	24.80	24.78	0.12	ppb
Uranium	238-1	0.50	0.49	0.48	0.49	2.22	ppb
Vanadium	51-2	28.29	27.82	27.79	27.97	1.01	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-19DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:22:34	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	112.27	112.93	113.64	112.95	0.61	ppb
Zirconium	90-1	4.16	4.26	4.14	4.19	1.51	ppb
Zirconium	91-1	4.27	4.23	4.16	4.22	1.31	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-20DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS023-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:26:10 DataFile Name : 093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32750.67	32309.64	31969.37	32343.22	1.21	ppb
Antimony	121-1	0.07	0.09	0.06	0.07	18.37	ppb
Arsenic	75-2	12.09	12.06	11.67	11.94	1.94	ppb
Barium	135-1	436.91	435.58	432.75	435.08	0.49	ppb
Barium	137-1	436.13	434.10	430.13	433.45	0.70	ppb
Beryllium	9-1	1.53	1.64	1.66	1.61	4.46	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	3.48	3.83	3.34	3.55	7.11	ppb
Boron	11-1	3.65	3.55	3.64	3.61	1.52	ppb
Cadmium	111-1	0.30	0.36	0.31	0.32	11.15	ppb
Cadmium	106-1	-0.40	1.04	0.36	0.33	214.86	ppb
Cadmium	108-1	1.11	1.08	1.18	1.12	4.75	ppb
Calcium	43-1	1992.03	1953.10	1956.71	1967.28	1.09	ppb
Calcium	44-1	1962.12	1958.41	1927.78	1949.44	0.97	ppb
Chromium	52-2	35.23	35.03	35.36	35.21	0.47	ppb
Cobalt	59-2	22.29	22.28	22.32	22.30	0.10	ppb
Copper	63-2	46.19	46.43	46.07	46.23	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				109		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	71348.13	70718.63	69840.42	70635.73	1.07	ppb
Iron	57-2	69989.38	69989.16	69998.33	69992.29	0.01	ppb
Krypton	83-1						cps
Lead	206-1	108.96	109.59	109.57	109.37	0.32	ppb
Lead	207-1	100.80	101.99	100.62	101.13	0.74	ppb
Lead	208-1	104.35	105.46	104.07	104.63	0.70	ppb
Lithium	6-1				104		%
Magnesium	24-2	7302.04	7246.47	7180.65	7243.05	0.84	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-20DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:26:10	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3689.02	3663.46	3642.34	3664.94	0.64	ppb
Molybdenum	94-1	10.91	11.14	10.83	10.96	1.48	ppb
Molybdenum	95-1	0.96	0.97	1.01	0.98	2.84	ppb
Molybdenum	96-1	2.77	2.80	2.88	2.82	2.16	ppb
Molybdenum	97-1	0.99	0.93	0.90	0.94	5.24	ppb
Molybdenum	98-1	0.92	0.93	0.89	0.91	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.78	39.94	39.89	39.87	0.21	ppb
Phosphorus	31-2	1611.81	1723.14	1572.47	1635.81	4.78	ppb
Potassium	39-2	1506.17	1508.29	1461.40	1491.95	1.77	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	15.43	13.07	8.17	12.22	30.29	ppb
Selenium	78-2	2.88	3.25	4.51	3.55	24.04	ppb
Selenium	82-1	0.79	1.05	0.97	0.94	14.30	ppb
Silicon	28-1	1174.58	1175.85	1167.29	1172.57	0.39	ppb
Silver	109-1	0.12	0.13	0.13	0.13	3.16	ppb
Silver	107-1	0.13	0.12	0.13	0.13	5.31	ppb
Sodium	23-2	163.92	162.86	162.22	163.00	0.53	ppb
Strontium	86-1	17.45	17.63	16.99	17.36	1.91	ppb
Strontium	88-1	17.45	17.70	17.35	17.50	1.03	ppb
Sulfur	34-1	-547.66	-526.65	-559.69	-544.66		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.25	0.24	0.25	0.25	2.67	ppb
Thallium	205-1	0.24	0.25	0.24	0.25	0.97	ppb
Thorium	232-1	5.82	5.89	5.81	5.84	0.79	ppb
Tin	118-1	2.33	2.38	2.32	2.34	1.21	ppb
Titanium	47-1	36.91	36.36	35.15	36.14	2.49	ppb
Uranium	238-1	0.74	0.75	0.74	0.75	0.99	ppb
Vanadium	51-2	42.20	42.23	42.26	42.23	0.07	ppb
Yttrium	89-1				111		%
Yttrium	89-2				111		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-20DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:26:10	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	187.81	186.23	186.97	187.01	0.42	ppb
Zirconium	90-1	6.77	6.70	6.75	6.74	0.52	ppb
Zirconium	91-1	6.57	6.71	6.75	6.68	1.35	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 20:41:21	DataFile Name :	097CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48792.11	49208.64	49138.32	49046.36	0.45	ppb
Antimony	121-1	501.82	501.51	503.34	502.23	0.19	ppb
Arsenic	75-2	471.62	470.31	469.82	470.58	0.20	ppb
Barium	135-1	2437.42	2423.95	2431.80	2431.06	0.28	ppb
Barium	137-1	2437.67	2389.90	2412.15	2413.24	0.99	ppb
Beryllium	9-1	449.09	450.05	449.40	449.51	0.11	ppb
Bismuth	209-1				88		%
Bismuth	209-2				82		%
Boron	10-1	443.15	448.94	456.23	449.44	1.46	ppb
Boron	11-1	444.17	452.33	461.04	452.51	1.86	ppb
Cadmium	111-1	485.66	489.75	489.60	488.33	0.47	ppb
Cadmium	106-1	487.81	491.72	499.43	492.99	1.20	ppb
Cadmium	108-1	493.40	489.11	497.47	493.32	0.85	ppb
Calcium	43-1	228607.26	226347.86	224107.45	226354.19	0.99	ppb
Calcium	44-1	228203.32	225540.49	225350.80	226364.87	0.70	ppb
Chromium	52-2	468.67	471.32	471.87	470.62	0.36	ppb
Cobalt	59-2	449.17	451.17	451.75	450.70	0.30	ppb
Copper	63-2	914.87	918.51	924.04	919.14	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				106		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	120290.49	121421.17	120677.29	120796.32	0.48	ppb
Iron	57-2	120076.43	121104.31	120459.22	120546.66	0.43	ppb
Krypton	83-1						cps
Lead	206-1	491.03	499.35	497.86	496.08	0.89	ppb
Lead	207-1	481.97	487.87	484.75	484.86	0.61	ppb
Lead	208-1	485.93	490.29	485.98	487.40	0.51	ppb
Lithium	6-1				99		%
Magnesium	24-2	233070.02	234481.84	235271.60	234274.49	0.48	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 20:41:21	DataFile Name :	097CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	925.18	938.91	927.49	930.53	0.79	ppb
Molybdenum	94-1	2400.20	2370.45	2398.50	2389.71	0.70	ppb
Molybdenum	95-1	2388.13	2384.30	2390.65	2387.70	0.13	ppb
Molybdenum	96-1	2380.90	2377.97	2401.40	2386.76	0.53	ppb
Molybdenum	97-1	2371.18	2378.38	2375.44	2375.00	0.15	ppb
Molybdenum	98-1	2380.57	2375.00	2376.01	2377.19	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.15	473.10	474.10	471.78	0.67	ppb
Phosphorus	31-2	9129.21	9412.64	9201.46	9247.77	1.59	ppb
Potassium	39-2	118460.22	119795.79	118982.25	119079.42	0.57	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	476.10	471.45	472.10	473.22	0.53	ppb
Selenium	78-2	472.74	478.05	475.50	475.43	0.56	ppb
Selenium	82-1	467.77	466.67	465.51	466.65	0.24	ppb
Silicon	28-1	532.82	532.06	535.09	533.32	0.30	ppb
Silver	109-1	480.66	473.72	474.54	476.31	0.80	ppb
Silver	107-1	481.49	472.08	477.10	476.89	0.99	ppb
Sodium	23-2	226331.35	229538.11	228727.39	228198.95	0.73	ppb
Strontium	86-1	473.11	476.74	477.01	475.62	0.46	ppb
Strontium	88-1	480.07	479.19	476.85	478.70	0.35	ppb
Sulfur	34-1	8881.51	8860.31	8821.01	8854.28	0.35	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	502.29	501.49	503.74	502.51	0.23	ppb
Thallium	205-1	503.06	501.43	503.95	502.81	0.25	ppb
Thorium	232-1	482.31	482.32	480.88	481.83	0.17	ppb
Tin	118-1	475.05	470.51	476.21	473.92	0.64	ppb
Titanium	47-1	2402.45	2386.49	2386.08	2391.68	0.39	ppb
Uranium	238-1	477.17	479.16	476.70	477.68	0.27	ppb
Vanadium	51-2	468.98	472.08	472.03	471.03	0.38	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 20:41:21	DataFile Name :	097CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	847.55	849.46	854.69	850.56	0.43	ppb
Zirconium	90-1	481.49	476.57	481.06	479.71	0.57	ppb
Zirconium	91-1	479.45	474.03	482.32	478.60	0.88	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : CCB23 Instrumnet Name : P7
 Client Sample ID : CCB23 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 20:45:02 DataFile Name : 098CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.68	3.11	2.97	2.92	7.55	ppb
Antimony	121-1	0.26	0.27	0.25	0.26	3.57	ppb
Arsenic	75-2	0.07	0.07	0.03	0.06	36.94	ppb
Barium	135-1	0.21	0.25	0.21	0.22	9.60	ppb
Barium	137-1	0.20	0.22	0.21	0.21	5.62	ppb
Beryllium	9-1	0.06	0.09	0.09	0.08	20.82	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	19.44	17.29	17.06	17.93	7.33	ppb
Boron	11-1	18.71	17.14	15.50	17.12	9.40	ppb
Cadmium	111-1	-0.10	-0.11	-0.12	-0.11		ppb
Cadmium	106-1	-2.22	-2.27	-2.25	-2.25		ppb
Cadmium	108-1	0.09	0.08	0.00	0.06	82.00	ppb
Calcium	43-1	20.72	16.22	21.98	19.64	15.40	ppb
Calcium	44-1	21.64	21.84	19.28	20.92	6.80	ppb
Chromium	52-2	0.03	0.07	0.07	0.06	44.56	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	11.29	ppb
Copper	63-2	0.08	0.07	0.07	0.07	9.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	8.99	8.79	7.65	8.47	8.53	ppb
Iron	57-2	9.75	8.85	7.21	8.60	14.95	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.06	0.06	17.40	ppb
Lead	207-1	0.05	0.04	0.05	0.05	13.19	ppb
Lead	208-1	0.05	0.05	0.05	0.05	6.71	ppb
Lithium	6-1				110		%
Magnesium	24-2	16.01	17.23	13.90	15.72	10.71	ppb

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 20:45:02	DataFile Name :	098CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	0.08	0.06	0.08	21.28	ppb
Molybdenum	94-1	0.51	0.51	0.42	0.48	10.80	ppb
Molybdenum	95-1	0.66	0.56	0.50	0.57	14.38	ppb
Molybdenum	96-1	0.64	0.60	0.47	0.57	15.90	ppb
Molybdenum	97-1	0.57	0.61	0.46	0.55	14.06	ppb
Molybdenum	98-1	0.58	0.57	0.47	0.54	11.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.05	0.02	0.04	37.17	ppb
Phosphorus	31-2	-23.41	-30.06	-29.00	-27.49		ppb
Potassium	39-2	19.66	18.33	13.79	17.26	17.84	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	0.30	0.00	0.00	0.10	173.21	ppb
Selenium	78-2	0.73	0.30	0.00	0.35	105.88	ppb
Selenium	82-1	0.15	0.06	-0.02	0.07	126.84	ppb
Silicon	28-1	-0.65	-1.32	-1.81	-1.26		ppb
Silver	109-1	0.07	0.06	0.06	0.06	5.55	ppb
Silver	107-1	0.07	0.07	0.05	0.06	18.19	ppb
Sodium	23-2	29.74	28.14	27.98	28.62	3.38	ppb
Strontium	86-1	0.07	0.06	0.04	0.06	23.76	ppb
Strontium	88-1	0.04	0.04	0.03	0.04	10.84	ppb
Sulfur	34-1	-623.77	-634.39	-639.15	-632.44		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.13	0.13	0.10	0.12	12.86	ppb
Thallium	205-1	0.11	0.11	0.10	0.11	5.73	ppb
Thorium	232-1	0.06	0.07	0.06	0.06	9.04	ppb
Tin	118-1	0.11	0.11	0.10	0.11	6.97	ppb
Titanium	47-1	0.25	0.18	0.15	0.20	27.64	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	16.84	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	9.66	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 20:45:02	DataFile Name :	098CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.02	-0.02	-0.01	-0.02		ppb
Zirconium	90-1	0.05	0.04	0.04	0.05	6.87	ppb
Zirconium	91-1	0.04	0.07	0.03	0.05	35.40	ppb

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 13:25:46 DataFile Name : 003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	50	56	17.32	cps
Antimony	121-1	58	92	75	75	22.22	cps
Arsenic	75-2	2	9	15	9	75.26	cps
Barium	135-1	50	42	50	47	10.18	cps
Barium	137-1	75	58	75	69	13.85	cps
Beryllium	9-1	78	78	44	67	28.86	cps
Bismuth	209-1	11040854	11079178	11097702	11072578	0.26	cps
Bismuth	209-2	6258685	6293518	6340593	6297598	0.65	cps
Boron	10-1	342	408	408	386	9.97	cps
Boron	11-1	1750	1967	1592	1770	10.64	cps
Cadmium	111-1	3364	3188	3147	3233	3.57	cps
Cadmium	106-1	4809	4543	4493	4615	3.69	cps
Cadmium	108-1	21	13	8	14	45.83	cps
Calcium	43-1	183	183	175	181	2.66	cps
Calcium	44-1	4201	4468	4684	4451	5.44	cps
Chromium	52-2	830	843	860	844	1.78	cps
Cobalt	59-2	103	113	87	101	13.32	cps
Copper	63-2	237	260	230	242	6.50	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	33	92	50	72.65	cps
Erbium	164-2	20	27	13	20	33.35	cps
Gadolinium	160-1	58	75	50	61	20.83	cps
Gadolinium	160-2	267	217	250	244	10.42	cps
Holmium	165-1	15108930	15258406	15023008	15130114	0.79	cps
Holmium	165-2	7976611	7894646	7933208	7934822	0.52	cps
Indium	115-1	11895024	11834226	11937501	11888917	0.44	cps
Indium	115-2	2126486	2145156	2154802	2142148	0.67	cps
Iron	56-2	3917	4040	3801	3919	3.05	cps
Iron	57-2	128	161	111	133	19.09	cps
Krypton	83-1	297	363	300	320	11.74	cps
Lead	206-1	972	906	1011	963	5.54	cps
Lead	207-1	867	839	800	835	4.01	cps
Lead	208-1	3989	3839	3945	3924	1.96	cps
Lithium	6-1	5062212	5046915	5042263	5050463	0.21	cps
Magnesium	24-2	175	133	175	161	14.93	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:25:46	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	90	90	89	2.16	cps
Molybdenum	94-1	325	300	275	300	8.33	cps
Molybdenum	95-1	92	17	42	50	76.37	cps
Molybdenum	96-1	192	125	150	156	21.65	cps
Molybdenum	97-1	108	25	50	61	69.98	cps
Molybdenum	98-1	100	108	100	103	4.68	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	53	80	40	58	35.25	cps
Phosphorus	31-2	125	50	92	89	42.28	cps
Potassium	39-2	11163	11680	11372	11405	2.28	cps
Rhodium	103-1	10706475	10727865	10669653	10701331	0.28	cps
Rhodium	103-2	4763091	4811041	4843501	4805878	0.84	cps
Scandium	45-1	7676362	7720684	7692280	7696442	0.29	cps
Scandium	45-2	290958	291593	294499	292350	0.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	46	33	39	17.18	cps
Selenium	82-1	19	-36	42	8	478.92	cps
Silicon	28-1	250386	237641	240536	242854	2.75	cps
Silver	109-1	50	83	42	58	37.80	cps
Silver	107-1	133	100	108	114	15.23	cps
Sodium	23-2	8961	9261	8820	9014	2.50	cps
Strontium	86-1	508	567	425	500	14.24	cps
Strontium	88-1	375	217	292	294	26.90	cps
Sulfur	34-1	259548	258021	257469	258346	0.42	cps
Terbium	159-1	15484204	15590839	15423576	15499539	0.55	cps
Terbium	159-2	7692776	7685373	7669441	7682530	0.16	cps
Thallium	203-1	167	217	217	200	14.44	cps
Thallium	205-1	567	458	675	567	19.12	cps
Thorium	232-1	39	50	17	35	48.23	cps
Tin	118-1	742	633	583	653	12.40	cps
Titanium	47-1	92	83	92	89	5.41	cps
Uranium	238-1	133	92	92	106	22.79	cps
Vanadium	51-2	0	10	0	3	173.21	cps
Yttrium	89-1	11757759	11830795	11767249	11785268	0.34	cps
Yttrium	89-2	1525981	1532576	1542734	1533764	0.55	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:25:46	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	443	400	383	409	7.58	cps
Zirconium	90-1	675	608	933	739	23.23	cps
Zirconium	91-1	133	142	133	136	3.53	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 13:48:00 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2384	2175	2292	2284	4.57	cps
Antimony	121-1	20708	20549	20850	20702	0.73	cps
Arsenic	75-2	309	307	350	322	7.47	cps
Barium	135-1	27904	28012	27779	27898	0.42	cps
Barium	137-1	48896	48494	49749	49046	1.31	cps
Beryllium	9-1	3562	3551	3734	3615	2.84	cps
Bismuth	209-1	10787937	10764389	10734699	10762342	0.25	cps
Bismuth	209-2	6002455	6086318	6111297	6066690	0.94	cps
Boron	10-1	18061	17786	17502	17783	1.57	cps
Boron	11-1	76770	78437	79978	78395	2.05	cps
Cadmium	111-1	6346	6139	6006	6164	2.78	cps
Cadmium	106-1	4651	4418	4509	4526	2.60	cps
Cadmium	108-1	217	225	246	229	6.56	cps
Calcium	43-1	19355	19163	19372	19297	0.60	cps
Calcium	44-1	315372	309845	310905	312041	0.94	cps
Chromium	52-2	6898	6768	7008	6892	1.74	cps
Cobalt	59-2	5078	5228	5501	5269	4.08	cps
Copper	63-2	7715	7562	7665	7648	1.02	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	23	30	20	24	20.83	cps
Gadolinium	160-1	75	58	58	64	15.05	cps
Gadolinium	160-2	280	223	207	237	16.24	cps
Holmium	165-1	14631161	14436386	14489499	14519015	0.69	cps
Holmium	165-2	7451582	7559016	7482023	7497540	0.74	cps
Indium	115-1	11151713	11133527	11008148	11097796	0.70	cps
Indium	115-2	1982945	1987671	2008709	1993108	0.69	cps
Iron	56-2	147090	150097	149441	148876	1.06	cps
Iron	57-2	4084	3717	3990	3930	4.85	cps
Krypton	83-1	357	357	397	370	6.24	cps
Lead	206-1	11505	11739	11505	11583	1.16	cps
Lead	207-1	9998	10321	9993	10104	1.86	cps
Lead	208-1	46522	46460	46578	46520	0.13	cps
Lithium	6-1	4722067	4734658	4706194	4720973	0.30	cps
Magnesium	24-2	135988	139779	139629	138465	1.55	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:48:00	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2130	2030	2154	2105	3.11	cps
Molybdenum	94-1	22927	23821	23395	23381	1.91	cps
Molybdenum	95-1	28446	27870	27410	27909	1.86	cps
Molybdenum	96-1	31269	30793	30475	30846	1.29	cps
Molybdenum	97-1	17561	17019	17878	17486	2.49	cps
Molybdenum	98-1	45599	45164	45565	45443	0.53	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1373	1513	1630	1506	8.54	cps
Phosphorus	31-2	333	342	400	358	10.14	cps
Potassium	39-2	118706	121436	124182	121441	2.25	cps
Rhodium	103-1	9872908	9924444	9834621	9877324	0.46	cps
Rhodium	103-2	4427058	4454606	4487246	4456303	0.68	cps
Scandium	45-1	7189131	7132076	7134162	7151790	0.45	cps
Scandium	45-2	263267	264440	269067	265591	1.15	cps
Selenium	77-2	30	73	50	51	42.43	cps
Selenium	78-2	209	224	237	223	6.22	cps
Selenium	82-1	1297	1241	1313	1284	2.95	cps
Silicon	28-1	279876	280154	280784	280271	0.17	cps
Silver	109-1	16335	15993	16418	16249	1.39	cps
Silver	107-1	17478	16135	17228	16947	4.22	cps
Sodium	23-2	253785	256229	256381	255465	0.57	cps
Strontium	86-1	4117	4192	4201	4170	1.10	cps
Strontium	88-1	31619	32438	31644	31900	1.46	cps
Sulfur	34-1	240102	236785	236684	237857	0.82	cps
Terbium	159-1	14879307	14739692	14765004	14794668	0.50	cps
Terbium	159-2	7218765	7282590	7306961	7269439	0.63	cps
Thallium	203-1	13232	12948	13424	13201	1.81	cps
Thallium	205-1	32190	32056	31722	31989	0.75	cps
Thorium	232-1	47810	47174	46104	47029	1.83	cps
Tin	118-1	52808	51127	51479	51805	1.71	cps
Titanium	47-1	8520	8361	8861	8581	2.98	cps
Uranium	238-1	47003	47831	45949	46928	2.01	cps
Vanadium	51-2	12199	12612	12646	12485	1.99	cps
Yttrium	89-1	11047727	11061238	11019746	11042904	0.19	cps
Yttrium	89-2	1409387	1413103	1419551	1414014	0.36	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:48:00	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1954	1880	2100	1978	5.66	cps
Zirconium	90-1	18905	18379	19047	18777	1.87	cps
Zirconium	91-1	3742	4259	4351	4117	7.97	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:51:48	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124355	121776	122280	122803	1.11	cps
Antimony	121-1	570388	576491	575709	574196	0.58	cps
Arsenic	75-2	17090	16674	17108	16957	1.45	cps
Barium	135-1	750256	755424	747549	751076	0.53	cps
Barium	137-1	1327574	1335291	1322346	1328404	0.49	cps
Beryllium	9-1	199662	196291	196550	197501	0.95	cps
Bismuth	209-1	10632507	10708337	10665144	10668662	0.36	cps
Bismuth	209-2	5916977	5928722	5989145	5944948	0.65	cps
Boron	10-1	39110	37815	39962	38962	2.78	cps
Boron	11-1	170283	169154	175331	171589	1.92	cps
Cadmium	111-1	182027	182678	181297	182000	0.38	cps
Cadmium	106-1	23044	23704	23737	23495	1.66	cps
Cadmium	108-1	13386	13899	13736	13673	1.92	cps
Calcium	43-1	211373	210062	204427	208621	1.77	cps
Calcium	44-1	3378550	3391712	3360663	3376975	0.46	cps
Chromium	52-2	159737	159474	156807	158673	1.02	cps
Cobalt	59-2	269976	269040	266715	268577	0.63	cps
Copper	63-2	383751	382363	382142	382752	0.23	cps
Dysprosium	156-1	42	42	50	44	10.82	cps
Dysprosium	156-2	10	17	27	18	47.19	cps
Erbium	164-1	75	33	25	44	60.28	cps
Erbium	164-2	30	7	17	18	65.83	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	177	283	170	210	30.28	cps
Holmium	165-1	14528193	14596824	14574227	14566415	0.24	cps
Holmium	165-2	7402335	7286077	7399356	7362590	0.90	cps
Indium	115-1	11057987	10977137	10830847	10955324	1.05	cps
Indium	115-2	1930541	1928898	1934015	1931151	0.14	cps
Iron	56-2	7198369	7169019	7103518	7156969	0.68	cps
Iron	57-2	175839	176918	175638	176132	0.39	cps
Krypton	83-1	337	300	290	309	7.95	cps
Lead	206-1	592799	601348	602943	599030	0.91	cps
Lead	207-1	542427	547171	547953	545850	0.55	cps
Lead	208-1	2426544	2453545	2465621	2448570	0.82	cps
Lithium	6-1	4715893	4697998	4700186	4704692	0.21	cps
Magnesium	24-2	1492847	1482397	1481962	1485735	0.41	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 13:51:48 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	202573	201796	199509	201293	0.79	cps
Molybdenum	94-1	1204476	1203489	1201149	1203038	0.14	cps
Molybdenum	95-1	1477029	1472537	1466596	1472054	0.36	cps
Molybdenum	96-1	1628182	1619389	1612185	1619919	0.49	cps
Molybdenum	97-1	920500	913908	914243	916217	0.41	cps
Molybdenum	98-1	2370471	2368454	2356529	2365151	0.32	cps
Neodymium	150-1	80	73	53	69	20.14	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	71486	70890	71413	71263	0.46	cps
Phosphorus	31-2	6418	6627	6510	6518	1.60	cps
Potassium	39-2	592535	592655	586629	590606	0.58	cps
Rhodium	103-1	9716980	9772396	9655538	9714971	0.60	cps
Rhodium	103-2	4272719	4244429	4263813	4260320	0.34	cps
Scandium	45-1	7103270	7073431	6939253	7038651	1.24	cps
Scandium	45-2	254102	252123	252153	252792	0.45	cps
Selenium	77-2	517	493	493	501	2.69	cps
Selenium	78-2	1698	1717	1769	1728	2.11	cps
Selenium	82-1	13479	13277	13501	13419	0.92	cps
Silicon	28-1	690560	697762	697387	695237	0.58	cps
Silver	109-1	830670	831406	833161	831746	0.15	cps
Silver	107-1	852897	852691	855767	853785	0.20	cps
Sodium	23-2	2659998	2637038	2615320	2637452	0.85	cps
Strontium	86-1	207951	204360	206031	206114	0.87	cps
Strontium	88-1	1793493	1760046	1776697	1776745	0.94	cps
Sulfur	34-1	314762	312042	310321	312375	0.72	cps
Terbium	159-1	14816661	14766108	14749354	14777374	0.24	cps
Terbium	159-2	7134858	7049762	7071069	7085229	0.62	cps
Thallium	203-1	720231	725937	726901	724356	0.50	cps
Thallium	205-1	1752540	1763251	1757669	1757820	0.30	cps
Thorium	232-1	2650210	2657330	2695299	2667613	0.91	cps
Tin	118-1	545347	555715	541781	547614	1.32	cps
Titanium	47-1	441948	441345	435718	439670	0.78	cps
Uranium	238-1	2622068	2657090	2659776	2646311	0.80	cps
Vanadium	51-2	125058	124242	123249	124183	0.73	cps
Yttrium	89-1	10987996	10915749	10784971	10896239	0.94	cps
Yttrium	89-2	1361334	1354788	1360590	1358904	0.26	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:51:48	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	61539	61332	61177	61349	0.30	cps
Zirconium	90-1	1007765	1013544	999634	1006981	0.69	cps
Zirconium	91-1	223856	225337	225957	225050	0.48	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 13:55:36 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	271446	270385	267382	269738	0.78	cps
Antimony	121-1	1374273	1370852	1356575	1367233	0.69	cps
Arsenic	75-2	36980	37571	36863	37138	1.02	cps
Barium	135-1	1820952	1823983	1805230	1816722	0.55	cps
Barium	137-1	3234158	3201683	3174131	3203324	0.94	cps
Beryllium	9-1	456794	447467	441535	448599	1.71	cps
Bismuth	209-1	10304802	10295310	10312732	10304282	0.08	cps
Bismuth	209-2	5604955	5620991	5472510	5566152	1.46	cps
Boron	10-1	88668	88400	88148	88406	0.29	cps
Boron	11-1	393427	393992	390041	392487	0.54	cps
Cadmium	111-1	427597	428575	422336	426169	0.79	cps
Cadmium	106-1	50064	49145	46703	48637	3.57	cps
Cadmium	108-1	30972	31001	30997	30990	0.05	cps
Calcium	43-1	484707	479840	471359	478635	1.41	cps
Calcium	44-1	7785086	7583737	7528668	7632497	1.77	cps
Chromium	52-2	346812	349076	344263	346717	0.69	cps
Cobalt	59-2	584209	586272	581326	583935	0.43	cps
Copper	63-2	829529	829674	823915	827706	0.40	cps
Dysprosium	156-1	42	33	42	39	12.38	cps
Dysprosium	156-2	27	23	23	24	7.89	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	23	33	20	26	27.15	cps
Gadolinium	160-1	33	83	58	58	42.86	cps
Gadolinium	160-2	213	203	253	223	11.85	cps
Holmium	165-1	14244797	14107857	13962242	14104965	1.00	cps
Holmium	165-2	6919436	6930937	6726051	6858808	1.68	cps
Indium	115-1	10362346	10220225	10199605	10260725	0.86	cps
Indium	115-2	1727481	1736090	1695925	1719832	1.23	cps
Iron	56-2	15795436	15786633	15624374	15735481	0.61	cps
Iron	57-2	390234	388251	386841	388442	0.44	cps
Krypton	83-1	297	333	253	294	13.60	cps
Lead	206-1	1474714	1482695	1479149	1478853	0.27	cps
Lead	207-1	1346673	1353668	1352494	1350945	0.28	cps
Lead	208-1	6055424	6073595	6043440	6057487	0.25	cps
Lithium	6-1	4371664	4296701	4242338	4303568	1.51	cps
Magnesium	24-2	3299905	3308917	3293612	3300811	0.23	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:55:36	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	443693	445805	444328	444608	0.24	cps
Molybdenum	94-1	2844295	2810879	2780332	2811836	1.14	cps
Molybdenum	95-1	3488152	3444371	3403499	3445341	1.23	cps
Molybdenum	96-1	3850180	3807839	3770141	3809387	1.05	cps
Molybdenum	97-1	2158017	2141802	2108527	2136115	1.18	cps
Molybdenum	98-1	5540589	5571959	5509398	5540649	0.56	cps
Neodymium	150-1	147	113	133	131	12.79	cps
Neodymium	150-2	10	13	0	8	89.21	cps
Nickel	60-2	152635	154301	150897	152611	1.12	cps
Phosphorus	31-2	14991	13524	14541	14352	5.24	cps
Potassium	39-2	1285400	1290932	1275438	1283923	0.61	cps
Rhodium	103-1	8960780	8795422	8697148	8817783	1.51	cps
Rhodium	103-2	3811332	3834243	3706528	3784034	1.80	cps
Scandium	45-1	6452294	6327422	6221341	6333685	1.83	cps
Scandium	45-2	220455	222421	215103	219326	1.73	cps
Selenium	77-2	1193	1260	1180	1211	3.54	cps
Selenium	78-2	3771	3782	3897	3817	1.83	cps
Selenium	82-1	31574	30977	31219	31257	0.96	cps
Silicon	28-1	1275274	1276753	1234279	1262102	1.91	cps
Silver	109-1	1974065	1936430	1904076	1938190	1.81	cps
Silver	107-1	2010409	1977318	1973167	1986965	1.03	cps
Sodium	23-2	5868905	5896342	5834804	5866684	0.53	cps
Strontium	86-1	485641	483244	475041	481309	1.15	cps
Strontium	88-1	4242660	4174586	4138641	4185296	1.26	cps
Sulfur	34-1	391418	381644	374996	382686	2.16	cps
Terbium	159-1	14384121	14305556	14253657	14314445	0.46	cps
Terbium	159-2	6688053	6664121	6453402	6601859	1.96	cps
Thallium	203-1	1795287	1789510	1788013	1790937	0.21	cps
Thallium	205-1	4341248	4348012	4329875	4339712	0.21	cps
Thorium	232-1	6630366	6599194	6572804	6600788	0.44	cps
Tin	118-1	1321356	1314088	1302916	1312787	0.71	cps
Titanium	47-1	1023613	1006602	983443	1004552	2.01	cps
Uranium	238-1	6551894	6538566	6571037	6553832	0.25	cps
Vanadium	51-2	272698	271337	268816	270950	0.73	cps
Yttrium	89-1	10250347	10039627	9975985	10088653	1.42	cps
Yttrium	89-2	1226027	1229594	1184443	1213355	2.07	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:55:36	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	135269	134529	133588	134462	0.63	cps
Zirconium	90-1	2389220	2344836	2331485	2355180	1.28	cps
Zirconium	91-1	531538	521166	515116	522607	1.59	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 13:59:24 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	531550	541378	531568	534832	1.06	cps
Antimony	121-1	2640536	2660063	2663962	2654854	0.47	cps
Arsenic	75-2	72995	73581	73386	73320	0.41	cps
Barium	135-1	3519707	3543379	3521288	3528125	0.38	cps
Barium	137-1	6137994	6118543	6105845	6120794	0.26	cps
Beryllium	9-1	837691	836011	832616	835440	0.31	cps
Bismuth	209-1	10048679	10021340	10143093	10071037	0.63	cps
Bismuth	209-2	5452327	5518176	5515234	5495246	0.68	cps
Boron	10-1	162244	167365	170415	166675	2.48	cps
Boron	11-1	725123	743947	759040	742703	2.29	cps
Cadmium	111-1	803720	806681	813738	808047	0.64	cps
Cadmium	106-1	88484	89114	89390	88996	0.52	cps
Cadmium	108-1	60086	59751	59550	59795	0.45	cps
Calcium	43-1	906271	909280	914539	910030	0.46	cps
Calcium	44-1	14514192	14387736	14435625	14445851	0.44	cps
Chromium	52-2	679933	684006	689400	684447	0.69	cps
Cobalt	59-2	1138871	1152348	1152574	1147931	0.68	cps
Copper	63-2	1602546	1624151	1622052	1616250	0.74	cps
Dysprosium	156-1	100	58	108	89	30.13	cps
Dysprosium	156-2	57	73	77	69	15.55	cps
Erbium	164-1	58	42	42	47	20.38	cps
Erbium	164-2	20	20	23	21	9.11	cps
Gadolinium	160-1	42	117	50	69	59.19	cps
Gadolinium	160-2	213	207	193	204	4.98	cps
Holmium	165-1	13902218	14090159	14037241	14009873	0.69	cps
Holmium	165-2	6932477	6972132	6955710	6953439	0.29	cps
Indium	115-1	9788207	9772581	9872744	9811177	0.55	cps
Indium	115-2	1706750	1728088	1731258	1722032	0.77	cps
Iron	56-2	30973912	31139995	31120467	31078125	0.29	cps
Iron	57-2	764577	768434	763584	765532	0.33	cps
Krypton	83-1	227	267	327	273	18.42	cps
Lead	206-1	2916055	2919027	2918329	2917804	0.05	cps
Lead	207-1	2654648	2663495	2672877	2663673	0.34	cps
Lead	208-1	11971653	12010218	12041335	12007735	0.29	cps
Lithium	6-1	4078582	4075126	4098126	4083945	0.30	cps
Magnesium	24-2	6476379	6520684	6506130	6501065	0.35	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:59:24	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	868733	883179	881182	877698	0.89	cps
Molybdenum	94-1	5383736	5384647	5415500	5394628	0.34	cps
Molybdenum	95-1	6457837	6451576	6465679	6458364	0.11	cps
Molybdenum	96-1	7183174	7160612	7160211	7167999	0.18	cps
Molybdenum	97-1	4101007	4097063	4113131	4103734	0.20	cps
Molybdenum	98-1	10412987	10408346	10423004	10414779	0.07	cps
Neodymium	150-1	333	307	287	309	7.58	cps
Neodymium	150-2	53	17	50	40	50.68	cps
Nickel	60-2	298028	298735	297902	298221	0.15	cps
Phosphorus	31-2	28386	27810	27910	28036	1.10	cps
Potassium	39-2	2505687	2537865	2539752	2527768	0.76	cps
Rhodium	103-1	8269111	8274393	8316967	8286824	0.32	cps
Rhodium	103-2	3705932	3744275	3772073	3740760	0.89	cps
Scandium	45-1	5934936	6012922	6022924	5990261	0.80	cps
Scandium	45-2	218489	221975	223350	221271	1.13	cps
Selenium	77-2	2334	2200	2197	2244	3.48	cps
Selenium	78-2	7333	7454	7521	7436	1.28	cps
Selenium	82-1	59674	59753	59381	59603	0.33	cps
Silicon	28-1	2157654	2149864	2176572	2161363	0.64	cps
Silver	109-1	3659877	3663720	3653200	3658933	0.15	cps
Silver	107-1	3740291	3766147	3771841	3759426	0.45	cps
Sodium	23-2	11647583	11699092	11727146	11691274	0.35	cps
Strontium	86-1	920036	918407	922613	920352	0.23	cps
Strontium	88-1	7873692	7853267	7877381	7868113	0.17	cps
Sulfur	34-1	531261	530066	528679	530002	0.24	cps
Terbium	159-1	13981604	14199857	14153843	14111768	0.82	cps
Terbium	159-2	6618687	6674972	6701486	6665048	0.63	cps
Thallium	203-1	3602844	3597974	3565825	3588881	0.56	cps
Thallium	205-1	8383874	8369825	8321603	8358434	0.39	cps
Thorium	232-1	13318038	13272248	13357759	13316015	0.32	cps
Tin	118-1	2541713	2556330	2562164	2553402	0.41	cps
Titanium	47-1	1893819	1906460	1897830	1899370	0.34	cps
Uranium	238-1	13154563	13107783	13116445	13126264	0.19	cps
Vanadium	51-2	533026	540785	540100	537970	0.80	cps
Yttrium	89-1	9614208	9655394	9638364	9635989	0.21	cps
Yttrium	89-2	1205517	1218743	1212681	1212314	0.55	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 13:59:24	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	258883	260760	260658	260101	0.41	cps
Zirconium	90-1	4515494	4509976	4517974	4514481	0.09	cps
Zirconium	91-1	1005038	1002530	1011444	1006337	0.46	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 14:03:11 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1079510	1084676	1083107	1082431	0.24	cps
Antimony	121-1	5143422	5260117	5292981	5232173	1.50	cps
Arsenic	75-2	147599	149238	149719	148852	0.75	cps
Barium	135-1	6843549	6903723	6919223	6888831	0.58	cps
Barium	137-1	12280021	12223240	12303692	12268985	0.34	cps
Beryllium	9-1	1635354	1646541	1642898	1641598	0.35	cps
Bismuth	209-1	10078342	10090358	10179187	10115962	0.54	cps
Bismuth	209-2	5468669	5507287	5505881	5493946	0.40	cps
Boron	10-1	327676	337616	344821	336705	2.56	cps
Boron	11-1	1446484	1505095	1536086	1495889	3.04	cps
Cadmium	111-1	1699191	1711064	1711723	1707326	0.41	cps
Cadmium	106-1	180967	183904	184824	183232	1.10	cps
Cadmium	108-1	124750	126121	127879	126250	1.24	cps
Calcium	43-1	1802861	1820050	1825913	1816274	0.66	cps
Calcium	44-1	28893062	29226177	29130678	29083306	0.59	cps
Chromium	52-2	1386117	1389864	1403899	1393293	0.67	cps
Cobalt	59-2	2307412	2321572	2325083	2318022	0.40	cps
Copper	63-2	3209444	3224902	3245379	3226575	0.56	cps
Dysprosium	156-1	58	133	108	100	38.19	cps
Dysprosium	156-2	123	93	133	117	17.84	cps
Erbium	164-1	50	75	100	75	33.33	cps
Erbium	164-2	13	33	23	23	42.86	cps
Gadolinium	160-1	75	42	67	61	28.38	cps
Gadolinium	160-2	223	183	290	232	23.20	cps
Holmium	165-1	14334989	14426263	14512937	14424730	0.62	cps
Holmium	165-2	7147116	7167380	7151560	7155352	0.15	cps
Indium	115-1	9894100	9862129	9859970	9872066	0.19	cps
Indium	115-2	1750669	1748139	1756875	1751894	0.26	cps
Iron	56-2	62784899	62763635	63074215	62874250	0.28	cps
Iron	57-2	1551033	1551029	1559097	1553720	0.30	cps
Krypton	83-1	260	293	233	262	11.46	cps
Lead	206-1	5653721	5725253	5806871	5728615	1.34	cps
Lead	207-1	5195828	5239195	5295796	5243606	0.96	cps
Lead	208-1	23261462	23344896	23522852	23376404	0.57	cps
Lithium	6-1	4178380	4199747	4198119	4192082	0.28	cps
Magnesium	24-2	13199582	13130246	13110787	13146872	0.36	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:03:11	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1775133	1789342	1787516	1783997	0.43	cps
Molybdenum	94-1	10636638	10683148	10693978	10671255	0.29	cps
Molybdenum	95-1	13030656	13067623	13099072	13065784	0.26	cps
Molybdenum	96-1	14493975	14473691	14449512	14472393	0.15	cps
Molybdenum	97-1	8128405	8122430	8109256	8120030	0.12	cps
Molybdenum	98-1	20883311	21137913	21113748	21044991	0.67	cps
Neodymium	150-1	593	653	633	627	4.87	cps
Neodymium	150-2	70	70	43	61	25.20	cps
Nickel	60-2	596011	601818	601233	599687	0.53	cps
Phosphorus	31-2	56040	57253	57277	56856	1.24	cps
Potassium	39-2	5140641	5115987	5114418	5123682	0.29	cps
Rhodium	103-1	8263092	8388000	8432122	8361072	1.05	cps
Rhodium	103-2	3787828	3807662	3807224	3800905	0.30	cps
Scandium	45-1	6174461	6242936	6208428	6208608	0.55	cps
Scandium	45-2	232407	234167	233914	233496	0.41	cps
Selenium	77-2	4387	4454	4397	4413	0.81	cps
Selenium	78-2	15062	14819	15453	15111	2.12	cps
Selenium	82-1	114752	116410	116834	115999	0.95	cps
Silicon	28-1	4091193	4156486	4186447	4144709	1.18	cps
Silver	109-1	7209404	7262836	7269064	7247101	0.45	cps
Silver	107-1	7433435	7565650	7525347	7508144	0.90	cps
Sodium	23-2	23785086	23762211	23782806	23776701	0.05	cps
Strontium	86-1	1818934	1856278	1856664	1843959	1.18	cps
Strontium	88-1	15767960	15938697	15991878	15899512	0.74	cps
Sulfur	34-1	866090	876123	876479	872897	0.68	cps
Terbium	159-1	14454301	14467664	14528553	14483506	0.27	cps
Terbium	159-2	6862652	6841632	6865736	6856673	0.19	cps
Thallium	203-1	6869714	6959792	6951618	6927041	0.72	cps
Thallium	205-1	16683581	16643077	16761415	16696024	0.36	cps
Thorium	232-1	26461351	26828003	26842058	26710471	0.81	cps
Tin	118-1	4978438	5028565	5062551	5023185	0.84	cps
Titanium	47-1	3780287	3833780	3847325	3820464	0.93	cps
Uranium	238-1	26246789	26250361	26118585	26205245	0.29	cps
Vanadium	51-2	1100949	1112947	1115759	1109885	0.71	cps
Yttrium	89-1	9850263	9903979	9983042	9912428	0.67	cps
Yttrium	89-2	1259916	1259594	1261708	1260406	0.09	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:03:11	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	549580	551117	556666	552454	0.67	cps
Zirconium	90-1	8899210	8932859	9033009	8955026	0.78	cps
Zirconium	91-1	1995624	2018314	2044098	2019345	1.20	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 14:11:09 DataFile Name : 014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2253484	2304124	2284663	2280757	1.12	cps
Antimony	121-1	10310480	10460837	10432820	10401379	0.77	cps
Arsenic	75-2	304269	306472	307734	306159	0.57	cps
Barium	135-1	14129169	14358760	14318601	14268843	0.86	cps
Barium	137-1	25071184	25479978	25545266	25365476	1.01	cps
Beryllium	9-1	3269041	3296904	3300286	3288744	0.52	cps
Bismuth	209-1	9956948	10021334	10077601	10018627	0.60	cps
Bismuth	209-2	5360331	5549202	5445572	5451701	1.73	cps
Boron	10-1	672137	692091	708752	690993	2.65	cps
Boron	11-1	3039656	3096850	3191665	3109390	2.47	cps
Cadmium	111-1	3347352	3377207	3411198	3378586	0.95	cps
Cadmium	106-1	355964	360370	356812	357715	0.65	cps
Cadmium	108-1	246102	247654	251112	248289	1.03	cps
Calcium	43-1	3756569	3820510	3845142	3807407	1.20	cps
Calcium	44-1	60357595	61121781	61222262	60900546	0.78	cps
Chromium	52-2	2921202	2934785	2954181	2936722	0.56	cps
Cobalt	59-2	4807532	4838328	4864247	4836702	0.59	cps
Copper	63-2	6558509	6562531	6593594	6571544	0.29	cps
Dysprosium	156-1	150	325	283	253	36.16	cps
Dysprosium	156-2	297	233	230	253	14.83	cps
Erbium	164-1	42	50	67	53	24.12	cps
Erbium	164-2	40	13	23	26	52.73	cps
Gadolinium	160-1	100	92	150	114	27.70	cps
Gadolinium	160-2	267	267	250	261	3.68	cps
Holmium	165-1	14780977	14858138	15103243	14914119	1.13	cps
Holmium	165-2	7283858	7482623	7306466	7357649	1.48	cps
Indium	115-1	10090760	10062608	10275882	10143083	1.14	cps
Indium	115-2	1748069	1824356	1775906	1782777	2.17	cps
Iron	56-2	131050239	131572606	131655784	131426209	0.25	cps
Iron	57-2	3193099	3241074	3234118	3222764	0.80	cps
Krypton	83-1	303	287	347	312	9.92	cps
Lead	206-1	11340133	11417935	11404138	11387402	0.36	cps
Lead	207-1	10323205	10403569	10435428	10387401	0.56	cps
Lead	208-1	46247590	46557928	46698657	46501392	0.50	cps
Lithium	6-1	4294172	4316558	4396147	4335626	1.24	cps
Magnesium	24-2	27300251	27669476	27657013	27542246	0.76	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:11:09	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3692388	3741699	3740622	3724903	0.76	cps
Molybdenum	94-1	22189269	22452330	22483857	22375152	0.72	cps
Molybdenum	95-1	27190958	27491429	27488216	27390201	0.63	cps
Molybdenum	96-1	30123820	30666849	30587740	30459470	0.96	cps
Molybdenum	97-1	16984145	17112375	17059357	17051959	0.38	cps
Molybdenum	98-1	43828352	44421581	43872271	44040735	0.75	cps
Neodymium	150-1	1187	980	1227	1131	11.70	cps
Neodymium	150-2	93	87	63	81	19.42	cps
Nickel	60-2	1213340	1229097	1227423	1223287	0.71	cps
Phosphorus	31-2	117014	119962	120552	119176	1.59	cps
Potassium	39-2	10723919	10941198	10847609	10837575	1.01	cps
Rhodium	103-1	8527200	8613661	8695902	8612254	0.98	cps
Rhodium	103-2	3791743	3965922	3897303	3884989	2.26	cps
Scandium	45-1	6459202	6540779	6647663	6549215	1.44	cps
Scandium	45-2	245134	254334	250407	249958	1.85	cps
Selenium	77-2	8716	8783	8890	8796	0.99	cps
Selenium	78-2	29656	30512	30157	30108	1.43	cps
Selenium	82-1	228822	231973	232818	231205	0.91	cps
Silicon	28-1	7590437	7668264	7763075	7673925	1.13	cps
Silver	109-1	14657365	14619331	14634454	14637050	0.13	cps
Silver	107-1	15104263	15092548	15107796	15101535	0.05	cps
Sodium	23-2	49944200	50471755	50487734	50301230	0.61	cps
Strontium	86-1	3775472	3835641	3813663	3808259	0.80	cps
Strontium	88-1	32860197	33065043	33101056	33008765	0.39	cps
Sulfur	34-1	1596457	1613525	1618977	1609653	0.73	cps
Terbium	159-1	14874084	15034082	15159490	15022552	0.95	cps
Terbium	159-2	7012113	7203512	7043901	7086509	1.45	cps
Thallium	203-1	13873358	13984575	13970913	13942949	0.44	cps
Thallium	205-1	33300404	33457499	33649951	33469284	0.52	cps
Thorium	232-1	53997918	54349240	53832955	54060038	0.49	cps
Tin	118-1	10080306	10167908	10220641	10156285	0.70	cps
Titanium	47-1	7890392	7974686	7996545	7953874	0.70	cps
Uranium	238-1	52732341	52982653	53021625	52912206	0.30	cps
Vanadium	51-2	2343061	2365350	2370624	2359678	0.62	cps
Yttrium	89-1	10363766	10407305	10571523	10447531	1.05	cps
Yttrium	89-2	1295026	1361720	1329961	1328902	2.51	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:11:09	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1176900	1184766	1194675	1185447	0.75	cps
Zirconium	90-1	18709401	18818691	18869734	18799275	0.44	cps
Zirconium	91-1	4169309	4216585	4254982	4213625	1.02	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 14:14:53 DataFile Name : 015CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12186280	12292078	12426580	12301646	0.98	cps
Antimony	121-1	10855	10729	10680	10755	0.84	cps
Arsenic	75-2	413	333	387	378	10.75	cps
Barium	135-1	2184	2159	2184	2175	0.66	cps
Barium	137-1	4059	3992	3767	3940	3.88	cps
Beryllium	9-1	433	450	383	422	8.22	cps
Bismuth	209-1	8392630	8438013	8398289	8409644	0.29	cps
Bismuth	209-2	4448231	4455944	4490357	4464844	0.50	cps
Boron	10-1	29680	27083	24479	27081	9.60	cps
Boron	11-1	134057	118637	111736	121476	9.41	cps
Cadmium	111-1	2565	2793	2661	2673	4.28	cps
Cadmium	106-1	3342	3567	3484	3464	3.28	cps
Cadmium	108-1	71	83	88	81	10.77	cps
Calcium	43-1	19252003	19360258	19479348	19363869	0.59	cps
Calcium	44-1	310625765	312938357	317182599	313582240	1.06	cps
Chromium	52-2	45316	45637	46236	45730	1.02	cps
Cobalt	59-2	57877	58058	58660	58198	0.70	cps
Copper	63-2	9080	8823	9256	9053	2.41	cps
Dysprosium	156-1	92	125	67	94	30.99	cps
Dysprosium	156-2	57	83	43	61	33.33	cps
Erbium	164-1	58	83	42	61	34.32	cps
Erbium	164-2	27	33	37	32	15.80	cps
Gadolinium	160-1	100	58	117	92	32.77	cps
Gadolinium	160-2	200	213	233	216	7.78	cps
Holmium	165-1	14108003	14109250	14047123	14088125	0.25	cps
Holmium	165-2	6981848	6990717	7003955	6992173	0.16	cps
Indium	115-1	9558788	9576384	9589040	9574737	0.16	cps
Indium	115-2	1714884	1726418	1722189	1721163	0.34	cps
Iron	56-2	651693615	655498126	661017037	656069592	0.71	cps
Iron	57-2	16046717	16081936	16160769	16096474	0.36	cps
Krypton	83-1	383	460	463	436	10.39	cps
Lead	206-1	11917	12239	11611	11922	2.64	cps
Lead	207-1	10260	9832	9848	9980	2.43	cps
Lead	208-1	47301	47585	46656	47181	1.01	cps
Lithium	6-1	4234983	4255131	4313833	4267982	0.96	cps
Magnesium	24-2	136634749	138217349	138952520	137934873	0.86	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:14:53	DataFile Name :	015CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21296	22324	21947	21855	2.38	cps
Molybdenum	94-1	16360	16318	15818	16165	1.87	cps
Molybdenum	95-1	24481	24146	23570	24066	1.91	cps
Molybdenum	96-1	36264	34593	35805	35554	2.43	cps
Molybdenum	97-1	14325	14049	13916	14096	1.48	cps
Molybdenum	98-1	36029	34025	33783	34612	3.56	cps
Neodymium	150-1	200	233	213	216	7.78	cps
Neodymium	150-2	67	73	93	78	17.85	cps
Nickel	60-2	22681	23128	22648	22819	1.18	cps
Phosphorus	31-2	100	167	142	136	24.74	cps
Potassium	39-2	58138708	58799545	59287943	58742065	0.98	cps
Rhodium	103-1	7598644	7640646	7656939	7632076	0.39	cps
Rhodium	103-2	3440229	3461050	3474107	3458462	0.49	cps
Scandium	45-1	6411314	6527105	6520644	6486354	1.00	cps
Scandium	45-2	259246	258909	261187	259780	0.47	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	52	54	39	48	16.76	cps
Selenium	82-1	176	26	40	81	102.08	cps
Silicon	28-1	346472	342264	343106	343948	0.65	cps
Silver	109-1	1000	792	858	883	12.05	cps
Silver	107-1	967	850	825	881	8.59	cps
Sodium	23-2	269855248	270914964	273914931	271561714	0.78	cps
Strontium	86-1	17370	17628	17812	17603	1.26	cps
Strontium	88-1	141811	144622	145632	144022	1.37	cps
Sulfur	34-1	192436	196310	201248	196665	2.25	cps
Terbium	159-1	14151108	14321127	14224836	14232357	0.60	cps
Terbium	159-2	6698397	6704336	6729186	6710639	0.24	cps
Thallium	203-1	2284	2467	2484	2411	4.60	cps
Thallium	205-1	6077	6285	6010	6124	2.34	cps
Thorium	232-1	6274	5935	5590	5933	5.76	cps
Tin	118-1	9320	9329	9037	9228	1.80	cps
Titanium	47-1	4167	4142	4376	4229	3.03	cps
Uranium	238-1	3009	2909	2667	2862	6.14	cps
Vanadium	51-2	460	377	380	406	11.63	cps
Yttrium	89-1	9960755	9996707	10023572	9993678	0.32	cps
Yttrium	89-2	1304075	1312659	1313466	1310067	0.40	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:14:53	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7886	7862	8132	7960	1.88	cps
Zirconium	90-1	8244	7911	7919	8025	2.37	cps
Zirconium	91-1	1642	1784	1717	1714	4.14	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 14:21:59 DataFile Name : 016ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67378	65812	65594	66261	1.47	cps
Antimony	121-1	2336416	2334518	2331051	2333995	0.12	cps
Arsenic	75-2	73484	72911	73384	73260	0.42	cps
Barium	135-1	312899	309307	312295	311500	0.62	cps
Barium	137-1	544806	551979	552992	549926	0.81	cps
Beryllium	9-1	400274	400367	401331	400657	0.15	cps
Bismuth	209-1	11708124	11558597	11583419	11616714	0.69	cps
Bismuth	209-2	6495176	6440629	6502807	6479537	0.52	cps
Boron	10-1	9195	8870	9070	9045	1.81	cps
Boron	11-1	41257	39318	39645	40073	2.59	cps
Cadmium	111-1	371208	370046	368411	369888	0.38	cps
Cadmium	106-1	36815	37192	36298	36768	1.22	cps
Cadmium	108-1	29017	28855	28650	28841	0.64	cps
Calcium	43-1	88624	88380	88071	88358	0.31	cps
Calcium	44-1	1427132	1419712	1421955	1422933	0.27	cps
Chromium	52-2	335139	334074	339438	336217	0.84	cps
Cobalt	59-2	580915	580839	578297	580017	0.26	cps
Copper	63-2	415975	416573	415841	416130	0.09	cps
Dysprosium	156-1	33	33	8	25	57.74	cps
Dysprosium	156-2	10	20	20	17	34.64	cps
Erbium	164-1	67	92	175	111	51.05	cps
Erbium	164-2	30	67	60	52	37.40	cps
Gadolinium	160-1	100	58	75	78	26.96	cps
Gadolinium	160-2	193	240	240	224	12.00	cps
Holmium	165-1	16052919	16030058	15890364	15991114	0.55	cps
Holmium	165-2	8084522	8059651	8023841	8056004	0.38	cps
Indium	115-1	12107886	12104592	12010310	12074263	0.46	cps
Indium	115-2	2167095	2156332	2169300	2164242	0.32	cps
Iron	56-2	3106403	3105091	3122073	3111189	0.30	cps
Iron	57-2	77174	77438	79201	77938	1.41	cps
Krypton	83-1	323	323	323	323	0.00	cps
Lead	206-1	2503930	2463097	2481867	2482964	0.82	cps
Lead	207-1	2189254	2173576	2169986	2177605	0.47	cps
Lead	208-1	10072556	9930989	9963889	9989145	0.74	cps
Lithium	6-1	5216697	5179144	5206132	5200658	0.37	cps
Magnesium	24-2	374556	379825	375886	376756	0.73	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:21:59	DataFile Name :	016ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	211127	211849	212120	211699	0.24	cps
Molybdenum	94-1	8676290	8683828	8597928	8652682	0.55	cps
Molybdenum	95-1	15387657	15290177	15362218	15346684	0.33	cps
Molybdenum	96-1	16432262	16265600	16319755	16339206	0.52	cps
Molybdenum	97-1	9518863	9492925	9473251	9495013	0.24	cps
Molybdenum	98-1	24655309	24532666	24672877	24620284	0.31	cps
Neodymium	150-1	13	47	40	33	52.92	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	152005	153107	154276	153129	0.74	cps
Phosphorus	31-2	108	125	125	119	8.06	cps
Potassium	39-2	518281	521109	519583	519658	0.27	cps
Rhodium	103-1	10695476	10674823	10723993	10698098	0.23	cps
Rhodium	103-2	4792913	4804730	4833906	4810516	0.44	cps
Scandium	45-1	7840679	7826028	7813844	7826850	0.17	cps
Scandium	45-2	293508	293511	292552	293191	0.19	cps
Selenium	77-2	2014	2107	2247	2122	5.53	cps
Selenium	78-2	7474	7432	7584	7496	1.05	cps
Selenium	82-1	57481	57370	56781	57211	0.66	cps
Silicon	28-1	242995	243127	245424	243849	0.56	cps
Silver	109-1	1716551	1720828	1713173	1716851	0.22	cps
Silver	107-1	1778628	1776657	1772803	1776029	0.17	cps
Sodium	23-2	1169539	1177967	1167997	1171835	0.46	cps
Strontium	86-1	10663	10646	10329	10546	1.78	cps
Strontium	88-1	86050	85027	86754	85943	1.01	cps
Sulfur	34-1	231639	231529	224796	229322	1.71	cps
Terbium	159-1	16360634	16135431	16115121	16203729	0.84	cps
Terbium	159-2	7789943	7782307	7795999	7789417	0.09	cps
Thallium	203-1	3069772	3058045	3066861	3064893	0.20	cps
Thallium	205-1	7384497	7342210	7304867	7343858	0.54	cps
Thorium	232-1	1317	1445	1156	1306	11.09	cps
Tin	118-1	1325	1342	1300	1322	1.59	cps
Titanium	47-1	383	375	317	358	10.14	cps
Uranium	238-1	550	600	567	572	4.45	cps
Vanadium	51-2	267743	264580	266877	266400	0.61	cps
Yttrium	89-1	12079686	11990320	11977764	12015923	0.46	cps
Yttrium	89-2	1543959	1533675	1538849	1538828	0.33	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:21:59	DataFile Name :	016ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	131109	131724	132245	131693	0.43	cps
Zirconium	90-1	942	908	1025	958	6.27	cps
Zirconium	91-1	558	542	625	575	7.67	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:25:49	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2659	2642	2617	2639	0.79	cps
Antimony	121-1	23737	24355	23470	23854	1.90	cps
Arsenic	75-2	394	383	380	386	2.00	cps
Barium	135-1	30810	31061	31203	31024	0.64	cps
Barium	137-1	54073	55018	56340	55144	2.07	cps
Beryllium	9-1	3795	4362	4073	4077	6.95	cps
Bismuth	209-1	11589280	11675037	11523284	11595867	0.66	cps
Bismuth	209-2	6370852	6379689	6480826	6410456	0.95	cps
Boron	10-1	24454	24379	25038	24624	1.47	cps
Boron	11-1	110277	114271	115706	113418	2.48	cps
Cadmium	111-1	6697	6397	6686	6593	2.59	cps
Cadmium	106-1	4443	4267	4668	4459	4.50	cps
Cadmium	108-1	221	321	242	261	20.20	cps
Calcium	43-1	21700	21516	21249	21489	1.05	cps
Calcium	44-1	351376	350644	353548	351856	0.43	cps
Chromium	52-2	7689	7866	7792	7782	1.14	cps
Cobalt	59-2	5968	6018	5911	5966	0.89	cps
Copper	63-2	8586	8429	8656	8557	1.36	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	25	42	47	53.91	cps
Erbium	164-2	10	10	23	14	53.28	cps
Gadolinium	160-1	83	75	75	78	6.19	cps
Gadolinium	160-2	280	250	250	260	6.66	cps
Holmium	165-1	15896314	15780009	15832411	15836245	0.37	cps
Holmium	165-2	8115197	8070657	7980479	8055444	0.85	cps
Indium	115-1	12048813	12187701	12089989	12108834	0.59	cps
Indium	115-2	2162492	2180130	2189820	2177481	0.64	cps
Iron	56-2	166189	166567	167119	166625	0.28	cps
Iron	57-2	4334	4367	4340	4347	0.41	cps
Krypton	83-1	327	417	307	350	16.74	cps
Lead	206-1	12551	13140	12590	12760	2.58	cps
Lead	207-1	11216	11283	11433	11311	0.98	cps
Lead	208-1	51418	51952	51145	51505	0.80	cps
Lithium	6-1	5256094	5294229	5257847	5269390	0.41	cps
Magnesium	24-2	155044	154873	158538	156152	1.32	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 14:25:49 DataFile Name : 017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2200	2240	2284	2241	1.86	cps
Molybdenum	94-1	26133	27260	26709	26701	2.11	cps
Molybdenum	95-1	34251	32872	33332	33485	2.10	cps
Molybdenum	96-1	37065	36874	36581	36840	0.66	cps
Molybdenum	97-1	21400	20574	21292	21089	2.13	cps
Molybdenum	98-1	56053	55124	53878	55018	1.98	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1687	1587	1500	1591	5.87	cps
Phosphorus	31-2	383	492	442	439	12.36	cps
Potassium	39-2	137231	137306	137330	137289	0.04	cps
Rhodium	103-1	10804775	10857943	10788526	10817081	0.34	cps
Rhodium	103-2	4835342	4884901	4899788	4873344	0.69	cps
Scandium	45-1	7937505	7914867	7973253	7941875	0.37	cps
Scandium	45-2	294799	299454	296148	296800	0.81	cps
Selenium	77-2	80	57	80	72	18.65	cps
Selenium	78-2	256	220	250	242	7.82	cps
Selenium	82-1	1512	1433	1607	1517	5.75	cps
Silicon	28-1	314290	316814	318331	316478	0.65	cps
Silver	109-1	17553	17445	17378	17459	0.51	cps
Silver	107-1	18112	18379	19322	18605	3.42	cps
Sodium	23-2	299185	299705	301192	300028	0.35	cps
Strontium	86-1	4559	4718	4993	4757	4.61	cps
Strontium	88-1	36305	36147	35670	36041	0.92	cps
Sulfur	34-1	227335	228655	232588	229526	1.19	cps
Terbium	159-1	16139947	16281721	16112794	16178154	0.56	cps
Terbium	159-2	7827435	7814054	7728911	7790133	0.69	cps
Thallium	203-1	15885	15017	15034	15312	3.24	cps
Thallium	205-1	37078	36601	37220	36966	0.88	cps
Thorium	232-1	51774	51239	52729	51914	1.45	cps
Tin	118-1	56188	56423	56790	56467	0.54	cps
Titanium	47-1	9587	10237	9837	9887	3.32	cps
Uranium	238-1	49637	49378	49437	49484	0.27	cps
Vanadium	51-2	14264	14347	14067	14226	1.01	cps
Yttrium	89-1	12098053	12111180	12083367	12097533	0.12	cps
Yttrium	89-2	1551792	1559366	1552027	1554395	0.28	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:25:49	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1850	1787	1923	1853	3.69	cps
Zirconium	90-1	20582	20707	21041	20777	1.14	cps
Zirconium	91-1	4809	4601	4734	4715	2.24	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 14:29:24 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	42	33	43.30	cps
Antimony	121-1	642	433	525	533	19.58	cps
Arsenic	75-2	9	20	13	14	39.85	cps
Barium	135-1	83	83	142	103	32.76	cps
Barium	137-1	183	217	158	186	15.73	cps
Beryllium	9-1	189	172	200	187	7.48	cps
Bismuth	209-1	11620199	11656148	11612760	11629702	0.20	cps
Bismuth	209-2	6407833	6525325	6489120	6474093	0.93	cps
Boron	10-1	6677	6410	6368	6485	2.58	cps
Boron	11-1	29530	28411	28369	28770	2.29	cps
Cadmium	111-1	2987	3091	3264	3114	4.50	cps
Cadmium	106-1	4242	4376	4584	4401	3.91	cps
Cadmium	108-1	29	8	17	18	58.09	cps
Calcium	43-1	142	167	208	172	19.56	cps
Calcium	44-1	4459	4501	4142	4368	4.49	cps
Chromium	52-2	910	950	940	933	2.23	cps
Cobalt	59-2	133	153	130	139	9.09	cps
Copper	63-2	273	257	253	261	4.10	cps
Dysprosium	156-1	0	17	42	19	107.85	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	67	58	56	22.91	cps
Erbium	164-2	7	23	23	18	54.11	cps
Gadolinium	160-1	58	42	75	58	28.57	cps
Gadolinium	160-2	290	233	243	256	11.84	cps
Holmium	165-1	15885970	16065213	15818505	15923229	0.80	cps
Holmium	165-2	8142405	8170634	8107416	8140152	0.39	cps
Indium	115-1	12164363	12320572	12181044	12221993	0.70	cps
Indium	115-2	2185293	2173178	2198863	2185778	0.59	cps
Iron	56-2	4206	4162	4317	4229	1.90	cps
Iron	57-2	89	111	122	107	15.80	cps
Krypton	83-1	343	383	347	358	6.20	cps
Lead	206-1	1106	1222	1195	1174	5.19	cps
Lead	207-1	989	983	1033	1002	2.74	cps
Lead	208-1	4556	4612	4645	4604	0.98	cps
Lithium	6-1	5264108	5321422	5279137	5288222	0.56	cps
Magnesium	24-2	483	350	500	444	18.50	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:29:24	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	83	60	71	16.47	cps
Molybdenum	94-1	758	642	725	708	8.48	cps
Molybdenum	95-1	767	950	1000	906	13.57	cps
Molybdenum	96-1	1017	942	892	950	6.62	cps
Molybdenum	97-1	583	525	500	536	7.98	cps
Molybdenum	98-1	1508	1392	1375	1425	5.10	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	40	70	58	27.26	cps
Phosphorus	31-2	67	75	100	81	21.53	cps
Potassium	39-2	11638	11155	11505	11433	2.19	cps
Rhodium	103-1	10868773	10987092	10858813	10904893	0.65	cps
Rhodium	103-2	4889718	4890721	4907283	4895907	0.20	cps
Scandium	45-1	7915609	7983858	8007864	7969110	0.60	cps
Scandium	45-2	299095	301517	298486	299699	0.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	43	52	51	14.79	cps
Selenium	82-1	-36	-56	18	-25	-153.14	cps
Silicon	28-1	220671	222378	223680	222243	0.68	cps
Silver	109-1	192	200	308	233	27.89	cps
Silver	107-1	275	308	325	303	8.41	cps
Sodium	23-2	15141	15392	14958	15164	1.44	cps
Strontium	86-1	592	625	500	572	11.31	cps
Strontium	88-1	292	167	200	219	29.50	cps
Sulfur	34-1	232409	232810	234201	233140	0.40	cps
Terbium	159-1	16220798	16343364	16200478	16254880	0.48	cps
Terbium	159-2	7909322	7877670	7815368	7867453	0.61	cps
Thallium	203-1	917	908	892	906	1.41	cps
Thallium	205-1	2475	2109	2317	2300	8.00	cps
Thorium	232-1	778	694	594	689	13.33	cps
Tin	118-1	833	800	725	786	7.06	cps
Titanium	47-1	83	75	100	86	14.78	cps
Uranium	238-1	108	83	150	114	29.57	cps
Vanadium	51-2	7	13	10	10	33.30	cps
Yttrium	89-1	12105105	12180545	12095052	12126901	0.39	cps
Yttrium	89-2	1566028	1573267	1565254	1568183	0.28	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:29:24	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	543	463	500	502	7.97	cps
Zirconium	90-1	667	683	792	714	9.51	cps
Zirconium	91-1	108	183	175	156	26.43	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 14:32:59 DataFile Name : 019ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10902324	10843749	10866211	10870761	0.27	cps
Antimony	121-1	13148	12740	13090	12993	1.70	cps
Arsenic	75-2	131	120	117	123	6.27	cps
Barium	135-1	3726	4743	4126	4198	12.20	cps
Barium	137-1	7578	7394	7494	7488	1.23	cps
Beryllium	9-1	1089	1111	1067	1089	2.04	cps
Bismuth	209-1	9995620	10070861	9998776	10021752	0.42	cps
Bismuth	209-2	5470947	5524846	5512776	5502856	0.51	cps
Boron	10-1	5134	5018	5034	5062	1.25	cps
Boron	11-1	21825	21666	21349	21613	1.12	cps
Cadmium	111-1	3816	4310	3669	3932	8.55	cps
Cadmium	106-1	3709	3717	3501	3642	3.37	cps
Cadmium	108-1	2692	2388	2713	2598	7.00	cps
Calcium	43-1	3786665	3817124	3824223	3809337	0.52	cps
Calcium	44-1	61758637	61446031	61834310	61679659	0.33	cps
Chromium	52-2	59506	60524	59928	59986	0.85	cps
Cobalt	59-2	6161	6028	5985	6058	1.52	cps
Copper	63-2	25810	26237	26594	26214	1.50	cps
Dysprosium	156-1	25	58	100	61	61.49	cps
Dysprosium	156-2	27	43	13	28	54.11	cps
Erbium	164-1	142	75	83	100	36.32	cps
Erbium	164-2	67	70	60	66	7.77	cps
Gadolinium	160-1	92	142	100	111	24.11	cps
Gadolinium	160-2	233	297	233	254	14.37	cps
Holmium	165-1	15300798	15286814	15197611	15261741	0.37	cps
Holmium	165-2	7688481	7708894	7702825	7700067	0.14	cps
Indium	115-1	10652036	10691780	10640356	10661391	0.25	cps
Indium	115-2	1902789	1924624	1934728	1920714	0.85	cps
Iron	56-2	268111934	267253062	269143150	268169382	0.35	cps
Iron	57-2	6564343	6536876	6555252	6552157	0.21	cps
Krypton	83-1	307	337	290	311	7.60	cps
Lead	206-1	53084	52956	53179	53073	0.21	cps
Lead	207-1	42307	41582	41749	41879	0.91	cps
Lead	208-1	199696	199963	200622	200094	0.24	cps
Lithium	6-1	4581105	4608874	4605885	4598621	0.33	cps
Magnesium	24-2	26777522	26915928	26796767	26830072	0.28	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 14:32:59 DataFile Name : 019ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14864	15432	15542	15279	2.38	cps
Molybdenum	94-1	6033028	6019904	6094883	6049271	0.66	cps
Molybdenum	95-1	10690881	10748500	10799791	10746391	0.51	cps
Molybdenum	96-1	11474390	11550303	11524108	11516267	0.33	cps
Molybdenum	97-1	6690154	6771688	6648018	6703287	0.94	cps
Molybdenum	98-1	17211260	17471719	17209642	17297540	0.87	cps
Neodymium	150-1	60	73	47	60	22.22	cps
Neodymium	150-2	10	20	20	17	34.64	cps
Nickel	60-2	6712	6978	6988	6893	2.28	cps
Phosphorus	31-2	597718	603515	601801	601011	0.50	cps
Potassium	39-2	22742236	22777073	22795750	22771686	0.12	cps
Rhodium	103-1	8925542	8996688	8991656	8971295	0.44	cps
Rhodium	103-2	3994864	4062806	4072685	4043452	1.05	cps
Scandium	45-1	6964759	6914090	6976235	6951695	0.48	cps
Scandium	45-2	266051	266777	265855	266228	0.18	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	52	48	41	47	12.06	cps
Selenium	82-1	75	42	105	74	42.35	cps
Silicon	28-1	384981	383866	386054	384967	0.28	cps
Silver	109-1	1633	2042	2092	1922	13.08	cps
Silver	107-1	1750	1950	1909	1870	5.64	cps
Sodium	23-2	51627261	51530218	51446878	51534786	0.18	cps
Strontium	86-1	133020	129530	128848	130466	1.72	cps
Strontium	88-1	1120120	1127635	1132573	1126776	0.56	cps
Sulfur	34-1	6551542	6571366	6671249	6598053	0.97	cps
Terbium	159-1	15286086	15402767	15385163	15358005	0.41	cps
Terbium	159-2	7404733	7411561	7447211	7421168	0.31	cps
Thallium	203-1	2567	2759	3284	2870	12.93	cps
Thallium	205-1	5843	6152	7728	6574	15.37	cps
Thorium	232-1	978	833	839	883	9.27	cps
Tin	118-1	2450	2500	2700	2550	5.19	cps
Titanium	47-1	3259705	3284463	3293501	3279223	0.53	cps
Uranium	238-1	942	750	900	864	11.67	cps
Vanadium	51-2	390	410	483	428	11.49	cps
Yttrium	89-1	10851869	10847911	10888938	10862906	0.21	cps
Yttrium	89-2	1396298	1425008	1417670	1412992	1.06	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:32:59	DataFile Name :	019ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6752	6942	6775	6823	1.52	cps
Zirconium	90-1	1083	1283	925	1097	16.37	cps
Zirconium	91-1	242	275	258	258	6.45	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 14:36:35 DataFile Name : 020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11358736	11351202	11473101	11394346	0.60	cps
Antimony	121-1	226109	226565	227938	226871	0.42	cps
Arsenic	75-2	6455	6522	6418	6465	0.81	cps
Barium	135-1	64040	65162	65137	64779	0.99	cps
Barium	137-1	112326	115183	115594	114368	1.56	cps
Beryllium	9-1	71435	70910	71451	71265	0.43	cps
Bismuth	209-1	10143110	10311269	10292941	10249107	0.90	cps
Bismuth	209-2	5541185	5618531	5677640	5612452	1.22	cps
Boron	10-1	46154	47425	49708	47763	3.77	cps
Boron	11-1	205520	214147	213294	210987	2.25	cps
Cadmium	111-1	63970	65862	65378	65070	1.51	cps
Cadmium	106-1	9362	9587	8978	9309	3.31	cps
Cadmium	108-1	6377	6931	6906	6738	4.65	cps
Calcium	43-1	3934463	4011342	4027319	3991042	1.24	cps
Calcium	44-1	64147062	64220454	65229739	64532418	0.94	cps
Chromium	52-2	124967	124793	126302	125354	0.66	cps
Cobalt	59-2	109038	110109	109746	109631	0.50	cps
Copper	63-2	98300	98985	98572	98619	0.35	cps
Dysprosium	156-1	75	67	100	81	21.54	cps
Dysprosium	156-2	33	27	17	26	32.81	cps
Erbium	164-1	125	142	92	119	21.31	cps
Erbium	164-2	30	53	50	44	28.39	cps
Gadolinium	160-1	142	150	142	144	3.33	cps
Gadolinium	160-2	277	313	257	282	10.18	cps
Holmium	165-1	15487302	15940464	15666661	15698143	1.45	cps
Holmium	165-2	7820980	7856642	7929485	7869035	0.70	cps
Indium	115-1	10838484	11004333	11010211	10951010	0.89	cps
Indium	115-2	1943485	1963516	1985248	1964083	1.06	cps
Iron	56-2	278512317	280851990	281744273	280369527	0.60	cps
Iron	57-2	6789783	6834627	6881204	6835205	0.67	cps
Krypton	83-1	323	347	317	329	4.79	cps
Lead	206-1	283264	287818	292323	287802	1.57	cps
Lead	207-1	240052	245145	245346	243514	1.23	cps
Lead	208-1	1106799	1131099	1133786	1123895	1.32	cps
Lithium	6-1	4666693	4716562	4735941	4706399	0.76	cps
Magnesium	24-2	28107911	28065175	28273114	28148733	0.39	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 14:36:35 DataFile Name : 020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	54487	55069	56428	55328	1.80	cps
Molybdenum	94-1	6466692	6511024	6573257	6516991	0.82	cps
Molybdenum	95-1	11421768	11579170	11604243	11535061	0.86	cps
Molybdenum	96-1	12256737	12341763	12396172	12331557	0.57	cps
Molybdenum	97-1	7142995	7188582	7225962	7185847	0.58	cps
Molybdenum	98-1	18474593	18697636	18723349	18631859	0.73	cps
Neodymium	150-1	60	80	60	67	17.32	cps
Neodymium	150-2	13	13	13	13	0.00	cps
Nickel	60-2	33545	33194	33652	33464	0.72	cps
Phosphorus	31-2	623530	623281	628970	625260	0.51	cps
Potassium	39-2	23776462	23692457	23821477	23763465	0.28	cps
Rhodium	103-1	9231215	9216647	9276262	9241375	0.34	cps
Rhodium	103-2	4137505	4177808	4200212	4171842	0.76	cps
Scandium	45-1	7106166	7206735	7252620	7188507	1.04	cps
Scandium	45-2	274015	274814	278113	275647	0.79	cps
Selenium	77-2	160	180	147	162	10.34	cps
Selenium	78-2	754	646	672	691	8.11	cps
Selenium	82-1	4750	4783	4916	4816	1.83	cps
Silicon	28-1	925851	937850	947793	937165	1.17	cps
Silver	109-1	278670	281150	284764	281528	1.09	cps
Silver	107-1	286753	292267	294455	291159	1.36	cps
Sodium	23-2	53942780	53921880	54762451	54209037	0.88	cps
Strontium	86-1	134752	138395	139858	137668	1.91	cps
Strontium	88-1	1170809	1186585	1194956	1184117	1.04	cps
Sulfur	34-1	6829831	6901166	6946660	6892552	0.85	cps
Terbium	159-1	15747313	15854872	15909061	15837082	0.52	cps
Terbium	159-2	7579776	7627200	7603193	7603390	0.31	cps
Thallium	203-1	287013	290798	289677	289163	0.67	cps
Thallium	205-1	688849	700860	702766	697492	1.08	cps
Thorium	232-1	700	633	700	678	5.68	cps
Tin	118-1	631817	638716	643969	638168	0.96	cps
Titanium	47-1	3489900	3568748	3537455	3532035	1.12	cps
Uranium	238-1	917	1067	1042	1008	7.97	cps
Vanadium	51-2	49901	49801	50787	50163	1.08	cps
Yttrium	89-1	11133618	11273589	11233535	11213581	0.64	cps
Yttrium	89-2	1437217	1451309	1460405	1449643	0.81	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:36:35	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	17230	17104	17407	17247	0.88	cps
Zirconium	90-1	1133	1167	1242	1181	4.70	cps
Zirconium	91-1	317	283	208	269	20.59	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:43:51	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6955389	6986290	7010399	6984026	0.39	cps
Antimony	121-1	5377176	5461620	5446522	5428439	0.83	cps
Arsenic	75-2	158437	160349	159774	159520	0.61	cps
Barium	135-1	7657379	7637404	7634000	7642928	0.17	cps
Barium	137-1	13545879	13597249	13644277	13595802	0.36	cps
Beryllium	9-1	1799223	1817004	1819759	1811995	0.62	cps
Bismuth	209-1	9651925	9619892	9686581	9652799	0.35	cps
Bismuth	209-2	5212458	5235996	5246900	5231785	0.34	cps
Boron	10-1	370967	386678	390920	382855	2.75	cps
Boron	11-1	1699154	1726148	1739893	1721731	1.20	cps
Cadmium	111-1	1631261	1649259	1649443	1643321	0.64	cps
Cadmium	106-1	180543	183863	183028	182478	0.95	cps
Cadmium	108-1	123537	124285	124919	124247	0.56	cps
Calcium	43-1	10456905	10486395	10474870	10472723	0.14	cps
Calcium	44-1	168400779	168447520	168750262	168532854	0.11	cps
Chromium	52-2	1710240	1717573	1722120	1716644	0.35	cps
Cobalt	59-2	2674962	2698697	2687303	2686987	0.44	cps
Copper	63-2	3714962	3743404	3748357	3735574	0.48	cps
Dysprosium	156-1	258	317	233	269	15.87	cps
Dysprosium	156-2	173	160	167	167	4.00	cps
Erbium	164-1	67	117	108	97	27.55	cps
Erbium	164-2	37	40	43	40	8.32	cps
Gadolinium	160-1	92	175	167	144	31.77	cps
Gadolinium	160-2	313	237	257	269	14.79	cps
Holmium	165-1	15622862	15539442	15478531	15546945	0.47	cps
Holmium	165-2	7716040	7779099	7737143	7744094	0.41	cps
Indium	115-1	10730601	10681790	10671128	10694506	0.30	cps
Indium	115-2	1924315	1928887	1928409	1927204	0.13	cps
Iron	56-2	365510319	367514753	366986675	366670582	0.28	cps
Iron	57-2	8937092	8968397	8954068	8953186	0.18	cps
Krypton	83-1	417	343	407	389	10.23	cps
Lead	206-1	5765933	5810496	5816870	5797766	0.48	cps
Lead	207-1	5278307	5291962	5294570	5288280	0.17	cps
Lead	208-1	23587202	23625068	23649803	23620691	0.13	cps
Lithium	6-1	4784508	4797980	4781001	4787830	0.19	cps
Magnesium	24-2	79536456	79711727	79322318	79523500	0.25	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:43:51	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2103201	2109657	2136096	2116318	0.82	cps
Molybdenum	94-1	12269561	12287658	12350875	12302698	0.35	cps
Molybdenum	95-1	15049055	14932797	15025621	15002491	0.41	cps
Molybdenum	96-1	16673411	16633370	16675037	16660606	0.14	cps
Molybdenum	97-1	9329269	9379865	9359535	9356223	0.27	cps
Molybdenum	98-1	24131041	24271006	24184262	24195436	0.29	cps
Neodymium	150-1	767	680	773	740	7.04	cps
Neodymium	150-2	110	153	77	113	33.92	cps
Nickel	60-2	678138	684956	688724	683940	0.78	cps
Phosphorus	31-2	68726	67503	66499	67576	1.65	cps
Potassium	39-2	31841389	32187569	31734084	31921014	0.74	cps
Rhodium	103-1	8788230	8877660	8823653	8829847	0.51	cps
Rhodium	103-2	3947879	3998866	3983656	3976800	0.66	cps
Scandium	45-1	7224747	7239871	7278649	7247756	0.38	cps
Scandium	45-2	283840	285262	282572	283891	0.47	cps
Selenium	77-2	4734	4814	4724	4758	1.04	cps
Selenium	78-2	16417	16376	15907	16233	1.75	cps
Selenium	82-1	118639	120984	121828	120484	1.37	cps
Silicon	28-1	4820493	4872776	4906939	4866736	0.89	cps
Silver	109-1	7429358	7507018	7523409	7486595	0.67	cps
Silver	107-1	7784110	7815163	7765519	7788264	0.32	cps
Sodium	23-2	144092157	145012057	144264999	144456405	0.34	cps
Strontium	86-1	2080247	2104755	2128937	2104646	1.16	cps
Strontium	88-1	17849325	18066969	18035117	17983804	0.65	cps
Sulfur	34-1	989026	991760	993029	991271	0.21	cps
Terbium	159-1	15549561	15647910	15657502	15618324	0.38	cps
Terbium	159-2	7440411	7452454	7431592	7441486	0.14	cps
Thallium	203-1	7111341	7127602	7078865	7105936	0.35	cps
Thallium	205-1	17016874	17153482	16973325	17047894	0.55	cps
Thorium	232-1	27522644	27598888	27580642	27567391	0.14	cps
Tin	118-1	5399099	5445360	5472021	5438827	0.68	cps
Titanium	47-1	4536353	4579663	4601435	4572484	0.72	cps
Uranium	238-1	26870349	26624389	27083028	26859255	0.85	cps
Vanadium	51-2	1360992	1368235	1356583	1361937	0.43	cps
Yttrium	89-1	11141819	11126368	11154512	11140900	0.13	cps
Yttrium	89-2	1445859	1460747	1458455	1455020	0.55	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:43:51	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	654188	653478	653317	653661	0.07	cps
Zirconium	90-1	10394461	10330470	10433023	10385984	0.50	cps
Zirconium	91-1	2311339	2336982	2346593	2331638	0.78	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : CCB16 Instrumnet Name : P7
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 14:47:31 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	267	200	242	15.03	cps
Antimony	121-1	2125	2017	2142	2095	3.24	cps
Arsenic	75-2	20	31	19	23	29.88	cps
Barium	135-1	308	358	300	322	9.79	cps
Barium	137-1	558	583	417	519	17.30	cps
Beryllium	9-1	356	289	333	326	10.42	cps
Bismuth	209-1	11854849	11784001	11865554	11834801	0.37	cps
Bismuth	209-2	6452225	6493483	6541049	6495585	0.68	cps
Boron	10-1	18045	17335	16818	17399	3.54	cps
Boron	11-1	84134	79392	70775	78100	8.67	cps
Cadmium	111-1	3364	3320	3135	3273	3.72	cps
Cadmium	106-1	4684	4501	4334	4506	3.89	cps
Cadmium	108-1	21	8	17	15	41.67	cps
Calcium	43-1	492	400	317	403	21.73	cps
Calcium	44-1	8136	7861	7235	7744	5.96	cps
Chromium	52-2	930	1120	1053	1034	9.32	cps
Cobalt	59-2	160	167	173	167	4.00	cps
Copper	63-2	527	447	410	461	12.94	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	67	33	67	56	34.65	cps
Erbium	164-2	27	20	30	26	19.92	cps
Gadolinium	160-1	25	25	58	36	53.30	cps
Gadolinium	160-2	277	230	237	248	10.19	cps
Holmium	165-1	16305728	16386555	16449856	16380713	0.44	cps
Holmium	165-2	8281607	8216090	8265883	8254527	0.41	cps
Indium	115-1	12304283	12332431	12372910	12336541	0.28	cps
Indium	115-2	2192143	2221164	2221984	2211764	0.77	cps
Iron	56-2	13429	14685	15214	14443	6.35	cps
Iron	57-2	406	433	328	389	14.07	cps
Krypton	83-1	383	407	363	384	5.64	cps
Lead	206-1	1889	1928	1728	1848	5.74	cps
Lead	207-1	1511	1372	1461	1448	4.86	cps
Lead	208-1	7134	6740	6412	6762	5.35	cps
Lithium	6-1	5260276	5278564	5298906	5279249	0.37	cps
Magnesium	24-2	2400	2217	2359	2325	4.13	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:47:31	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	90	93	90	3.71	cps
Molybdenum	94-1	3059	2600	2325	2661	13.92	cps
Molybdenum	95-1	3967	3342	3292	3534	10.65	cps
Molybdenum	96-1	4051	3892	3326	3756	10.15	cps
Molybdenum	97-1	2592	2042	1850	2161	17.82	cps
Molybdenum	98-1	5651	5610	4768	5343	9.33	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	70	117	84	33.10	cps
Phosphorus	31-2	58	100	67	75	29.39	cps
Potassium	39-2	14282	14491	14541	14438	0.95	cps
Rhodium	103-1	10975111	10912048	11041544	10976234	0.59	cps
Rhodium	103-2	4877418	4907568	4944753	4909913	0.69	cps
Scandium	45-1	7944612	7968536	8028564	7980571	0.54	cps
Scandium	45-2	298440	303270	304561	302090	1.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	48	41	43	11.50	cps
Selenium	82-1	29	-15	19	11	211.43	cps
Silicon	28-1	245912	241602	238360	241958	1.57	cps
Silver	109-1	1192	992	875	1020	15.71	cps
Silver	107-1	1025	1033	992	1017	2.17	cps
Sodium	23-2	32453	33714	32879	33015	1.94	cps
Strontium	86-1	658	583	683	642	8.11	cps
Strontium	88-1	558	500	558	539	6.25	cps
Sulfur	34-1	223281	226090	224635	224669	0.63	cps
Terbium	159-1	16554614	16628437	16571162	16584738	0.23	cps
Terbium	159-2	8009889	7962917	7936139	7969648	0.47	cps
Thallium	203-1	2409	1850	1734	1997	18.07	cps
Thallium	205-1	5335	4918	4601	4951	7.43	cps
Thorium	232-1	3667	3601	3417	3562	3.64	cps
Tin	118-1	1483	1558	1433	1492	4.22	cps
Titanium	47-1	250	242	192	228	13.85	cps
Uranium	238-1	867	958	658	828	18.57	cps
Vanadium	51-2	50	53	33	46	23.52	cps
Yttrium	89-1	12243981	12176571	12350136	12256896	0.71	cps
Yttrium	89-2	1581190	1582710	1602284	1588728	0.74	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:47:31	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	347	253	243	281	20.27	cps
Zirconium	90-1	1117	1233	1358	1236	9.78	cps
Zirconium	91-1	292	367	275	311	15.70	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6366-02A	Instrumnet Name :	P7
Client Sample ID :	METC11A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:51:05	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1517	1350	1600	1489	8.55	cps
Antimony	121-1	9537	9754	9771	9687	1.34	cps
Arsenic	75-2	1115	974	1006	1032	7.16	cps
Barium	135-1	398107	408162	403808	403359	1.25	cps
Barium	137-1	703838	715264	711208	710103	0.82	cps
Beryllium	9-1	256	156	272	228	27.70	cps
Bismuth	209-1	12435694	12367053	12333713	12378820	0.42	cps
Bismuth	209-2	6695289	6759907	6667728	6707641	0.71	cps
Boron	10-1	232461	243843	249176	241827	3.53	cps
Boron	11-1	1043947	1104530	1129299	1092592	4.02	cps
Cadmium	111-1	3914	3982	4202	4033	3.74	cps
Cadmium	106-1	4743	4718	4993	4818	3.16	cps
Cadmium	108-1	508	500	567	525	6.92	cps
Calcium	43-1	5924256	5960255	5913535	5932682	0.41	cps
Calcium	44-1	96087373	95857304	95454304	95799660	0.33	cps
Chromium	52-2	2130	2270	2014	2138	6.01	cps
Cobalt	59-2	6015	6035	6055	6035	0.33	cps
Copper	63-2	3754	3847	4124	3908	4.92	cps
Dysprosium	156-1	33	50	25	36	35.25	cps
Dysprosium	156-2	17	27	37	27	37.50	cps
Erbium	164-1	58	75	92	75	22.22	cps
Erbium	164-2	27	43	17	29	46.62	cps
Gadolinium	160-1	75	100	83	86	14.78	cps
Gadolinium	160-2	330	313	350	331	5.54	cps
Holmium	165-1	18319894	18491579	18559131	18456868	0.67	cps
Holmium	165-2	8952113	9004902	8981500	8979505	0.29	cps
Indium	115-1	13560955	13696536	13539226	13598905	0.63	cps
Indium	115-2	2378305	2398608	2383516	2386810	0.44	cps
Iron	56-2	547852	548702	547187	547914	0.14	cps
Iron	57-2	42440	42300	42668	42469	0.44	cps
Krypton	83-1	373	463	373	403	12.88	cps
Lead	206-1	4240	3728	4079	4016	6.51	cps
Lead	207-1	3762	3423	3395	3526	5.79	cps
Lead	208-1	17288	15604	15860	16251	5.59	cps
Lithium	6-1	6093463	6079063	6108290	6093606	0.24	cps
Magnesium	24-2	13525635	13568898	13430628	13508387	0.52	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6366-02A	Instrumnet Name :	P7
Client Sample ID :	METC11A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:51:05	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	230091	230612	233086	231263	0.69	cps
Molybdenum	94-1	1052090	1059455	1061814	1057786	0.48	cps
Molybdenum	95-1	1867291	1867642	1881293	1872075	0.43	cps
Molybdenum	96-1	1964017	1984709	1989621	1979449	0.69	cps
Molybdenum	97-1	1153942	1163506	1162537	1159995	0.45	cps
Molybdenum	98-1	2986287	3009318	3026892	3007499	0.68	cps
Neodymium	150-1	53	73	53	60	19.24	cps
Neodymium	150-2	13	10	27	17	52.93	cps
Nickel	60-2	6835	6578	6832	6748	2.18	cps
Phosphorus	31-2	1150	983	917	1017	11.82	cps
Potassium	39-2	1429280	1443709	1442648	1438546	0.56	cps
Rhodium	103-1	11694939	11660077	11760606	11705207	0.44	cps
Rhodium	103-2	5160893	5172059	5123724	5152225	0.49	cps
Scandium	45-1	9141016	9156254	9123444	9140238	0.18	cps
Scandium	45-2	341482	343288	343798	342856	0.36	cps
Selenium	77-2	200	207	180	196	7.09	cps
Selenium	78-2	670	700	624	665	5.76	cps
Selenium	82-1	4663	4479	4823	4655	3.69	cps
Silicon	28-1	70548381	71049495	71570695	71056190	0.72	cps
Silver	109-1	4326	4759	5218	4768	9.36	cps
Silver	107-1	4084	5401	6035	5173	19.24	cps
Sodium	23-2	37804397	37831250	37751363	37795670	0.11	cps
Strontium	86-1	1661234	1669424	1687091	1672583	0.79	cps
Strontium	88-1	14423758	14515829	14442859	14460815	0.34	cps
Sulfur	34-1	2963500	2991665	2986817	2980661	0.51	cps
Terbium	159-1	18651322	18675963	18607539	18644942	0.19	cps
Terbium	159-2	8819705	8780603	8636025	8745444	1.11	cps
Thallium	203-1	8161	7969	7344	7825	5.46	cps
Thallium	205-1	18814	19315	17929	18686	3.75	cps
Thorium	232-1	1283	1339	1411	1345	4.77	cps
Tin	118-1	4426	4276	4117	4273	3.61	cps
Titanium	47-1	1659	1450	1625	1578	7.09	cps
Uranium	238-1	367523	368781	368012	368105	0.17	cps
Vanadium	51-2	797	840	797	811	3.08	cps
Yttrium	89-1	13744327	13865608	13827224	13812386	0.45	cps
Yttrium	89-2	1762936	1760433	1752217	1758528	0.32	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6366-02A	Instrumnet Name :	P7
Client Sample ID :	METC11A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:51:05	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8603	8890	9276	8923	3.79	cps
Zirconium	90-1	2725	2767	2900	2798	3.27	cps
Zirconium	91-1	692	667	542	633	12.69	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6292-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MBEJD2DL	Dilution Factor :	2
Date & Time Acquired ::	2018-12-21 14:54:40	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1120192	1122695	1116968	1119952	0.26	cps
Antimony	121-1	4918	4434	4859	4737	5.57	cps
Arsenic	75-2	2508	2398	2456	2454	2.23	cps
Barium	135-1	30651	31211	31737	31200	1.74	cps
Barium	137-1	54984	55487	55964	55478	0.88	cps
Beryllium	9-1	3473	3462	3589	3508	2.02	cps
Bismuth	209-1	11907792	11951526	12083607	11980975	0.76	cps
Bismuth	209-2	6457951	6542294	6632554	6544266	1.33	cps
Boron	10-1	403687	401438	423841	409655	3.01	cps
Boron	11-1	1845633	1869309	1938711	1884551	2.57	cps
Cadmium	111-1	246716	247218	244289	246074	0.64	cps
Cadmium	106-1	26643	26642	26467	26584	0.38	cps
Cadmium	108-1	15838	16243	16030	16037	1.26	cps
Calcium	43-1	1950935	1977734	1982870	1970513	0.87	cps
Calcium	44-1	31961057	31939799	32268333	32056396	0.57	cps
Chromium	52-2	23058	23112	23235	23135	0.39	cps
Cobalt	59-2	349714	352881	353891	352162	0.62	cps
Copper	63-2	13426	13263	13670	13453	1.52	cps
Dysprosium	156-1	376116	374390	376035	375514	0.26	cps
Dysprosium	156-2	186811	190771	192248	189943	1.48	cps
Erbium	164-1	318658	319831	319836	319442	0.21	cps
Erbium	164-2	153753	153941	154515	154069	0.26	cps
Gadolinium	160-1	360570	362715	364493	362593	0.54	cps
Gadolinium	160-2	197297	201190	199620	199369	0.98	cps
Holmium	165-1	17259515	17262077	17397826	17306473	0.46	cps
Holmium	165-2	8551052	8478589	8566030	8531890	0.55	cps
Indium	115-1	12463745	12521710	12509413	12498289	0.24	cps
Indium	115-2	2197509	2222693	2241916	2220706	1.00	cps
Iron	56-2	142264009	142985059	142042003	142430357	0.35	cps
Iron	57-2	3493301	3477063	3525270	3498545	0.70	cps
Krypton	83-1	760	777	813	783	3.48	cps
Lead	206-1	47959	47741	47959	47886	0.26	cps
Lead	207-1	39576	40657	40467	40233	1.43	cps
Lead	208-1	185040	186950	186765	186252	0.57	cps
Lithium	6-1	5253522	5230316	5270318	5251386	0.38	cps
Magnesium	24-2	3459431	3504574	3486923	3483643	0.65	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6292-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MBEJD2DL	Dilution Factor :	2
Date & Time Acquired ::	2018-12-21 14:54:40	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1522291	1536374	1529530	1529398	0.46	cps
Molybdenum	94-1	24422	24463	24163	24349	0.67	cps
Molybdenum	95-1	1542	1525	1500	1522	1.38	cps
Molybdenum	96-1	8395	9195	8786	8792	4.55	cps
Molybdenum	97-1	975	1008	1025	1003	2.54	cps
Molybdenum	98-1	2809	2559	2359	2575	8.76	cps
Neodymium	150-1	638915	640330	642754	640667	0.30	cps
Neodymium	150-2	240505	242726	245082	242771	0.94	cps
Nickel	60-2	235026	237207	237255	236496	0.54	cps
Phosphorus	31-2	217	192	133	181	23.68	cps
Potassium	39-2	792136	798535	795662	795444	0.40	cps
Rhodium	103-1	10794922	10811503	10812058	10806161	0.09	cps
Rhodium	103-2	4803707	4830508	4866935	4833717	0.66	cps
Scandium	45-1	8043598	8069347	8162922	8091955	0.78	cps
Scandium	45-2	297543	302119	303075	300912	0.98	cps
Selenium	77-2	823	813	777	804	3.05	cps
Selenium	78-2	633	648	669	650	2.72	cps
Selenium	82-1	651	625	569	615	6.78	cps
Silicon	28-1	47936791	48138991	48240656	48105479	0.32	cps
Silver	109-1	2725	2817	2992	2845	4.76	cps
Silver	107-1	2817	3417	3209	3148	9.68	cps
Sodium	23-2	7874634	7886110	7862478	7874407	0.15	cps
Strontium	86-1	809661	816240	818237	814713	0.55	cps
Strontium	88-1	7044410	7053945	7120822	7073059	0.59	cps
Sulfur	34-1	10701972	10872796	10736935	10770568	0.84	cps
Terbium	159-1	17512834	17438303	17456085	17469074	0.22	cps
Terbium	159-2	8278107	8213681	8307234	8266341	0.58	cps
Thallium	203-1	6460	6343	6135	6313	2.61	cps
Thallium	205-1	15994	14934	15176	15368	3.61	cps
Thorium	232-1	26344	26410	26227	26327	0.35	cps
Tin	118-1	2259	2350	2342	2317	2.19	cps
Titanium	47-1	1725	1609	1600	1645	4.25	cps
Uranium	238-1	94409	93275	94417	94033	0.70	cps
Vanadium	51-2	433	507	433	458	9.25	cps
Yttrium	89-1	16423005	16323154	16434481	16393547	0.37	cps
Yttrium	89-2	2093328	2098723	2111209	2101087	0.44	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6292-02DLX2	Instrumnet Name :	P7
Client Sample ID :	MBEJD2DL	Dilution Factor :	2
Date & Time Acquired ::	2018-12-21 14:54:40	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	247323	246194	247401	246973	0.27	cps
Zirconium	90-1	63701	63500	63784	63662	0.23	cps
Zirconium	91-1	13632	13348	14616	13866	4.80	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6292-08	Instrumnet Name :	P7
Client Sample ID :	MBEJE8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:58:16	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	808	633	608	683	15.95	cps
Antimony	121-1	1150	1125	1108	1128	1.86	cps
Arsenic	75-2	9	20	13	14	39.85	cps
Barium	135-1	967	1058	850	958	10.90	cps
Barium	137-1	1500	1542	1667	1570	5.53	cps
Beryllium	9-1	167	183	161	170	6.79	cps
Bismuth	209-1	12984719	12825691	12796977	12869129	0.79	cps
Bismuth	209-2	7278562	7247402	7262154	7262706	0.21	cps
Boron	10-1	23936	22209	20072	22072	8.77	cps
Boron	11-1	108824	97766	92441	99677	8.38	cps
Cadmium	111-1	3607	3324	3557	3496	4.32	cps
Cadmium	106-1	5084	4626	4934	4882	4.79	cps
Cadmium	108-1	21	8	25	18	48.05	cps
Calcium	43-1	2075	2084	2184	2114	2.85	cps
Calcium	44-1	36830	35410	35452	35897	2.25	cps
Chromium	52-2	757	837	813	802	5.13	cps
Cobalt	59-2	40	80	47	56	38.57	cps
Copper	63-2	1550	1603	1540	1565	2.18	cps
Dysprosium	156-1	50	50	58	53	9.12	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	40	17	30	29	40.51	cps
Gadolinium	160-1	83	125	58	89	37.89	cps
Gadolinium	160-2	310	273	300	294	6.44	cps
Holmium	165-1	17887392	17823656	17762468	17824505	0.35	cps
Holmium	165-2	8955012	8945971	8965744	8955576	0.11	cps
Indium	115-1	13758983	13713775	13532749	13668502	0.88	cps
Indium	115-2	2416997	2441276	2467898	2442057	1.04	cps
Iron	56-2	12378	12144	12646	12389	2.03	cps
Iron	57-2	289	289	267	281	4.56	cps
Krypton	83-1	383	357	340	360	6.07	cps
Lead	206-1	2084	1989	1989	2021	2.70	cps
Lead	207-1	1895	1850	1750	1832	4.04	cps
Lead	208-1	8657	8062	8068	8262	4.14	cps
Lithium	6-1	5746244	5758843	5724865	5743317	0.30	cps
Magnesium	24-2	1375	1575	1208	1386	13.25	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6292-08	Instrumnet Name :	P7
Client Sample ID :	MBEJE8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:58:16	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	273	253	293	273	7.32	cps
Molybdenum	94-1	758	650	758	722	8.66	cps
Molybdenum	95-1	792	783	642	739	11.41	cps
Molybdenum	96-1	750	850	775	792	6.57	cps
Molybdenum	97-1	458	392	467	439	9.37	cps
Molybdenum	98-1	1417	1267	992	1225	17.60	cps
Neodymium	150-1	53	27	13	31	65.48	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	187	207	170	188	9.78	cps
Phosphorus	31-2	67	83	75	75	11.11	cps
Potassium	39-2	15726	15067	15801	15531	2.60	cps
Rhodium	103-1	12280798	12224876	12092966	12199547	0.79	cps
Rhodium	103-2	5337153	5402886	5412675	5384238	0.76	cps
Scandium	45-1	9016936	8836874	8939278	8931029	1.01	cps
Scandium	45-2	329521	333032	332565	331706	0.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	43	46	48	46	6.20	cps
Selenium	82-1	41	-5	60	32	103.70	cps
Silicon	28-1	215862	214593	214923	215126	0.31	cps
Silver	109-1	967	1042	767	925	15.37	cps
Silver	107-1	1258	917	883	1020	20.36	cps
Sodium	23-2	27593	26808	26683	27028	1.83	cps
Strontium	86-1	2392	2025	2042	2153	9.62	cps
Strontium	88-1	12823	13440	13440	13234	2.69	cps
Sulfur	34-1	228738	226327	225304	226790	0.78	cps
Terbium	159-1	18136285	18175038	18000388	18103904	0.51	cps
Terbium	159-2	8654530	8649398	8708768	8670899	0.38	cps
Thallium	203-1	792	592	683	689	14.53	cps
Thallium	205-1	1917	1934	1842	1897	2.57	cps
Thorium	232-1	594	572	483	550	10.69	cps
Tin	118-1	875	975	850	900	7.35	cps
Titanium	47-1	158	167	142	156	8.19	cps
Uranium	238-1	267	167	150	194	32.45	cps
Vanadium	51-2	17	17	13	16	12.40	cps
Yttrium	89-1	13747909	13705676	13614561	13689382	0.50	cps
Yttrium	89-2	1719008	1744176	1760653	1741279	1.20	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6292-08	Instrumnet Name :	P7
Client Sample ID :	MBEJE8	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 14:58:16	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	17801	19003	18712	18505	3.39	cps
Zirconium	90-1	858	850	958	889	6.78	cps
Zirconium	91-1	242	242	150	211	25.07	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:01:51	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6883410	6941705	6971420	6932178	0.65	cps
Antimony	121-1	5255977	5333862	5369584	5319808	1.09	cps
Arsenic	75-2	156621	158903	158578	158034	0.78	cps
Barium	135-1	7518203	7549078	7573984	7547088	0.37	cps
Barium	137-1	13395344	13350901	13372715	13372986	0.17	cps
Beryllium	9-1	1757847	1777255	1781871	1772324	0.72	cps
Bismuth	209-1	9495238	9543212	9513299	9517250	0.25	cps
Bismuth	209-2	5157522	5194325	5214484	5188777	0.56	cps
Boron	10-1	363124	370487	373670	369094	1.47	cps
Boron	11-1	1624336	1660014	1673892	1652747	1.55	cps
Cadmium	111-1	1778186	1792660	1791974	1787607	0.46	cps
Cadmium	106-1	193571	194140	194494	194068	0.24	cps
Cadmium	108-1	133770	132655	134947	133791	0.86	cps
Calcium	43-1	10214807	10197462	10191364	10201211	0.12	cps
Calcium	44-1	163923970	164592175	164111512	164209219	0.21	cps
Chromium	52-2	1680774	1687564	1702683	1690340	0.66	cps
Cobalt	59-2	2624411	2651833	2653819	2643354	0.62	cps
Copper	63-2	3682888	3730127	3730334	3714450	0.74	cps
Dysprosium	156-1	233	142	242	206	26.99	cps
Dysprosium	156-2	207	210	197	204	3.40	cps
Erbium	164-1	108	50	92	83	36.06	cps
Erbium	164-2	30	37	50	39	26.18	cps
Gadolinium	160-1	117	108	158	128	20.96	cps
Gadolinium	160-2	250	280	273	268	5.88	cps
Holmium	165-1	15403914	15350735	15310218	15354956	0.31	cps
Holmium	165-2	7610451	7659325	7711669	7660482	0.66	cps
Indium	115-1	10501523	10530375	10518526	10516808	0.14	cps
Indium	115-2	1895257	1899755	1919559	1904857	0.68	cps
Iron	56-2	361408508	360703030	361848008	361319849	0.16	cps
Iron	57-2	8779522	8837268	8801326	8806039	0.33	cps
Krypton	83-1	360	380	410	383	6.56	cps
Lead	206-1	5640535	5711662	5703612	5685270	0.69	cps
Lead	207-1	5147270	5201256	5231040	5193189	0.82	cps
Lead	208-1	23106579	23224254	23243371	23191401	0.32	cps
Lithium	6-1	4645241	4684846	4703402	4677830	0.64	cps
Magnesium	24-2	77601820	78104098	79134537	78280152	1.00	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:01:51	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2079307	2079065	2091978	2083450	0.35	cps
Molybdenum	94-1	12019113	12162090	12085075	12088759	0.59	cps
Molybdenum	95-1	14686566	14745124	14691627	14707773	0.22	cps
Molybdenum	96-1	16297828	16366028	16440373	16368076	0.44	cps
Molybdenum	97-1	9176644	9128826	9189170	9164880	0.35	cps
Molybdenum	98-1	23821541	23737234	23799123	23785966	0.18	cps
Neodymium	150-1	813	700	753	756	7.50	cps
Neodymium	150-2	107	63	100	90	25.93	cps
Nickel	60-2	668700	675434	672366	672167	0.50	cps
Phosphorus	31-2	67445	66993	66483	66973	0.72	cps
Potassium	39-2	31385319	31646135	31733146	31588200	0.57	cps
Rhodium	103-1	8715835	8712628	8702649	8710371	0.08	cps
Rhodium	103-2	3907053	3932615	3949674	3929781	0.55	cps
Scandium	45-1	7135245	7150380	7149826	7145151	0.12	cps
Scandium	45-2	278975	279850	281548	280125	0.47	cps
Selenium	77-2	4871	4898	4814	4861	0.88	cps
Selenium	78-2	16712	16582	16380	16558	1.01	cps
Selenium	82-1	120562	122125	121800	121496	0.68	cps
Silicon	28-1	4886572	4962047	5002634	4950417	1.19	cps
Silver	109-1	7538182	7396819	7448056	7461019	0.96	cps
Silver	107-1	7703999	7727622	7722891	7718170	0.16	cps
Sodium	23-2	140562057	141012936	142388274	141321089	0.67	cps
Strontium	86-1	2054422	2068853	2065615	2062963	0.37	cps
Strontium	88-1	17787384	17715982	17986798	17830055	0.79	cps
Sulfur	34-1	971157	973112	980908	975059	0.53	cps
Terbium	159-1	15383829	15435327	15435500	15418219	0.19	cps
Terbium	159-2	7286065	7350643	7367389	7334699	0.59	cps
Thallium	203-1	7005988	6917132	6950750	6957956	0.64	cps
Thallium	205-1	16803297	16748149	16618557	16723334	0.57	cps
Thorium	232-1	26959440	27203930	27167621	27110330	0.49	cps
Tin	118-1	5307940	5378736	5361195	5349290	0.69	cps
Titanium	47-1	4478909	4488240	4474287	4480479	0.16	cps
Uranium	238-1	26186645	26495388	26448343	26376792	0.63	cps
Vanadium	51-2	1329182	1339919	1339010	1336037	0.45	cps
Yttrium	89-1	10947196	10959543	11014149	10973629	0.32	cps
Yttrium	89-2	1436327	1443635	1446277	1442080	0.36	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P7
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:01:51	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	605180	611064	608854	608366	0.49	cps
Zirconium	90-1	10171518	10203656	10194199	10189791	0.16	cps
Zirconium	91-1	2246139	2284274	2299307	2276573	1.20	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P7
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 15:05:31 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	158	167	147	18.20	cps
Antimony	121-1	2192	2150	2300	2214	3.50	cps
Arsenic	75-2	13	13	9	12	18.22	cps
Barium	135-1	242	358	167	256	37.80	cps
Barium	137-1	517	500	300	439	27.47	cps
Beryllium	9-1	300	283	294	293	2.90	cps
Bismuth	209-1	11867220	13123484	12044041	12344915	5.51	cps
Bismuth	209-2	6687698	6674464	6660279	6674147	0.21	cps
Boron	10-1	19079	17736	16752	17856	6.54	cps
Boron	11-1	86631	80263	77247	81381	5.89	cps
Cadmium	111-1	3339	3560	3374	3424	3.47	cps
Cadmium	106-1	4568	4834	4676	4693	2.86	cps
Cadmium	108-1	42	17	29	29	42.85	cps
Calcium	43-1	275	350	233	286	20.67	cps
Calcium	44-1	7235	7369	6368	6991	7.77	cps
Chromium	52-2	1107	1103	1007	1072	5.30	cps
Cobalt	59-2	100	97	123	107	13.62	cps
Copper	63-2	607	580	503	563	9.52	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	58	75	58	64	15.05	cps
Erbium	164-2	13	30	17	20	44.10	cps
Gadolinium	160-1	33	83	83	67	43.31	cps
Gadolinium	160-2	317	280	253	283	11.22	cps
Holmium	165-1	16546748	18153824	16579629	17093400	5.37	cps
Holmium	165-2	8319197	8345442	8356834	8340491	0.23	cps
Indium	115-1	12342368	13732053	12506336	12860252	5.91	cps
Indium	115-2	2218319	2248983	2274628	2247310	1.25	cps
Iron	56-2	9870	9142	9881	9631	4.40	cps
Iron	57-2	356	289	261	302	16.08	cps
Krypton	83-1	380	327	343	350	7.80	cps
Lead	206-1	1589	1550	1600	1580	1.66	cps
Lead	207-1	1495	1306	1383	1395	6.81	cps
Lead	208-1	6451	6034	6529	6338	4.20	cps
Lithium	6-1	5316041	5798936	5387889	5500955	4.74	cps
Magnesium	24-2	1267	1250	1450	1322	8.39	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:05:31	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	93	77	88	10.96	cps
Molybdenum	94-1	3010	2242	2375	2542	16.13	cps
Molybdenum	95-1	3884	3284	3459	3542	8.71	cps
Molybdenum	96-1	4393	3851	3434	3892	12.35	cps
Molybdenum	97-1	2960	2017	1825	2267	26.79	cps
Molybdenum	98-1	6285	5476	5059	5607	11.11	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	83	63	67	71	15.07	cps
Phosphorus	31-2	75	50	58	61	20.83	cps
Potassium	39-2	14533	13298	13749	13860	4.51	cps
Rhodium	103-1	10873572	12161114	11111870	11382185	6.02	cps
Rhodium	103-2	4929748	4970906	5025040	4975231	0.96	cps
Scandium	45-1	8019890	8871128	8106512	8332510	5.62	cps
Scandium	45-2	305260	306348	309247	306952	0.67	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	44	57	54	52	12.88	cps
Selenium	82-1	29	41	1	24	86.72	cps
Silicon	28-1	258929	260226	254427	257861	1.18	cps
Silver	109-1	817	817	775	803	3.00	cps
Silver	107-1	975	908	917	933	3.89	cps
Sodium	23-2	26249	25030	24145	25141	4.20	cps
Strontium	86-1	692	742	633	689	7.87	cps
Strontium	88-1	608	442	350	467	28.07	cps
Sulfur	34-1	225135	228373	227487	226998	0.74	cps
Terbium	159-1	16610337	18217881	16707487	17178568	5.25	cps
Terbium	159-2	8035386	8071293	8088465	8065048	0.34	cps
Thallium	203-1	1859	1342	1567	1589	16.30	cps
Thallium	205-1	3676	3551	3301	3509	5.44	cps
Thorium	232-1	5407	4868	4390	4888	10.41	cps
Tin	118-1	2417	2284	1584	2095	21.37	cps
Titanium	47-1	192	283	208	228	21.44	cps
Uranium	238-1	625	800	658	694	13.38	cps
Vanadium	51-2	27	23	37	29	24.03	cps
Yttrium	89-1	12391644	13487336	12475553	12784844	4.77	cps
Yttrium	89-2	1592436	1598687	1621704	1604276	0.96	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P7
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:05:31	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	303	250	270	274	9.82	cps
Zirconium	90-1	1459	1333	1175	1322	10.74	cps
Zirconium	91-1	258	375	208	281	30.49	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:52:36	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3351	2800	3192	3114	9.09	cps
Antimony	121-1	23153	23028	23521	23234	1.10	cps
Arsenic	75-2	402	483	356	414	15.64	cps
Barium	135-1	32046	32414	32614	32358	0.89	cps
Barium	137-1	56424	56616	56332	56457	0.26	cps
Beryllium	9-1	4656	4551	4562	4590	1.26	cps
Bismuth	209-1	12478250	12356571	12414216	12416346	0.49	cps
Bismuth	209-2	6988232	7056971	7096541	7047248	0.78	cps
Boron	10-1	22359	22309	22367	22345	0.14	cps
Boron	11-1	96994	101909	103209	100704	3.26	cps
Cadmium	111-1	7069	6623	6649	6780	3.69	cps
Cadmium	106-1	5201	4751	4776	4909	5.15	cps
Cadmium	108-1	258	296	308	288	9.05	cps
Calcium	43-1	24413	23728	23019	23720	2.94	cps
Calcium	44-1	384791	383894	384183	384289	0.12	cps
Chromium	52-2	8749	8793	8849	8797	0.57	cps
Cobalt	59-2	6345	6738	6722	6602	3.37	cps
Copper	63-2	9620	9403	9850	9624	2.32	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	75	67	108	83	26.46	cps
Erbium	164-2	17	13	33	21	50.75	cps
Gadolinium	160-1	83	83	42	69	34.64	cps
Gadolinium	160-2	250	257	280	262	6.01	cps
Holmium	165-1	17298026	17359492	17307733	17321750	0.19	cps
Holmium	165-2	8780294	8875902	8783139	8813111	0.62	cps
Indium	115-1	13520067	13554532	13545273	13539958	0.13	cps
Indium	115-2	2398526	2455952	2474192	2442890	1.62	cps
Iron	56-2	185112	185652	186333	185699	0.33	cps
Iron	57-2	4912	4768	4862	4847	1.51	cps
Krypton	83-1	393	503	380	426	15.91	cps
Lead	206-1	12768	12829	12768	12788	0.28	cps
Lead	207-1	11077	10905	11316	11099	1.86	cps
Lead	208-1	50010	50706	51117	50611	1.11	cps
Lithium	6-1	6115183	6148499	6086644	6116775	0.51	cps
Magnesium	24-2	174320	179621	178045	177329	1.54	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:52:36	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2597	2384	2600	2527	4.91	cps
Molybdenum	94-1	26768	27143	27001	26971	0.70	cps
Molybdenum	95-1	33791	33181	33089	33354	1.14	cps
Molybdenum	96-1	36748	35947	36740	36478	1.26	cps
Molybdenum	97-1	20741	20633	20816	20730	0.45	cps
Molybdenum	98-1	53309	54204	52883	53465	1.26	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1830	1770	1870	1823	2.76	cps
Phosphorus	31-2	433	550	483	489	11.97	cps
Potassium	39-2	156541	160475	159531	158849	1.29	cps
Rhodium	103-1	12361513	12432342	12374046	12389300	0.31	cps
Rhodium	103-2	5338207	5479574	5492035	5436605	1.57	cps
Scandium	45-1	9274316	9280602	9355715	9303544	0.49	cps
Scandium	45-2	352915	356025	355787	354909	0.49	cps
Selenium	77-2	63	53	47	54	15.40	cps
Selenium	78-2	311	254	259	275	11.53	cps
Selenium	82-1	1633	1452	1588	1558	6.03	cps
Silicon	28-1	373192	375161	368609	372320	0.90	cps
Silver	109-1	18237	19080	18221	18513	2.65	cps
Silver	107-1	18930	20040	19439	19470	2.85	cps
Sodium	23-2	329402	329972	331727	330367	0.37	cps
Strontium	86-1	5193	4934	4801	4976	4.00	cps
Strontium	88-1	38427	38854	37909	38397	1.23	cps
Sulfur	34-1	296005	296981	300201	297729	0.74	cps
Terbium	159-1	17539312	17672803	17656605	17622907	0.41	cps
Terbium	159-2	8618548	8604297	8591606	8604817	0.16	cps
Thallium	203-1	14517	14150	13683	14116	2.96	cps
Thallium	205-1	34813	35364	34772	34983	0.95	cps
Thorium	232-1	48434	48323	47866	48208	0.63	cps
Tin	118-1	59661	59619	58790	59356	0.83	cps
Titanium	47-1	10237	11338	10538	10704	5.32	cps
Uranium	238-1	48357	47471	48358	48062	1.06	cps
Vanadium	51-2	15892	16026	15862	15927	0.55	cps
Yttrium	89-1	13646948	13810257	13798612	13751939	0.66	cps
Yttrium	89-2	1759236	1799027	1797644	1785303	1.27	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 15:52:36	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1990	2114	2037	2047	3.04	cps
Zirconium	90-1	22869	21834	21483	22062	3.26	cps
Zirconium	91-1	4393	4701	5143	4745	7.95	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6347-02DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181210DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 15:58:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	258	325	300	12.12	cps
Antimony	121-1	8595	7794	8995	8461	7.23	cps
Arsenic	75-2	37	39	26	34	20.65	cps
Barium	135-1	142	250	217	203	27.36	cps
Barium	137-1	242	275	275	264	7.29	cps
Beryllium	9-1	117	61	128	102	35.07	cps
Bismuth	209-1	11591818	11617321	11811266	11673469	1.03	cps
Bismuth	209-2	6715947	6723233	6715139	6718106	0.07	cps
Boron	10-1	2725	2542	2650	2639	3.49	cps
Boron	11-1	12489	12723	11797	12336	3.90	cps
Cadmium	111-1	2925	3232	3442	3200	8.14	cps
Cadmium	106-1	4034	4393	4651	4359	7.11	cps
Cadmium	108-1	17	25	25	22	21.64	cps
Calcium	43-1	558	325	383	422	28.76	cps
Calcium	44-1	7811	8444	8636	8297	5.21	cps
Chromium	52-2	2000	2167	2147	2105	4.32	cps
Cobalt	59-2	63	87	53	68	25.24	cps
Copper	63-2	1997	1980	2280	2086	8.08	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	58	58	33	50	28.88	cps
Erbium	164-2	7	3	37	16	118.03	cps
Gadolinium	160-1	75	33	83	64	41.93	cps
Gadolinium	160-2	233	277	263	258	8.61	cps
Holmium	165-1	16096146	16415290	16335412	16282283	1.02	cps
Holmium	165-2	8508124	8505936	8500401	8504820	0.05	cps
Indium	115-1	12696257	12903079	12855537	12818291	0.85	cps
Indium	115-2	2364851	2372283	2366156	2367763	0.17	cps
Iron	56-2	9698	9787	9848	9778	0.77	cps
Iron	57-2	306	294	244	281	11.57	cps
Krypton	83-1	367	423	410	400	7.41	cps
Lead	206-1	3623	3534	3273	3476	5.23	cps
Lead	207-1	3028	3150	2850	3010	5.01	cps
Lead	208-1	14137	13981	12969	13696	4.63	cps
Lithium	6-1	5866829	5922637	5938246	5909237	0.64	cps
Magnesium	24-2	667	617	783	689	12.42	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6347-02DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181210DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 15:58:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	200	207	217	208	4.04	cps
Molybdenum	94-1	567	583	542	564	3.72	cps
Molybdenum	95-1	117	158	75	117	35.72	cps
Molybdenum	96-1	283	283	258	275	5.25	cps
Molybdenum	97-1	83	92	83	86	5.58	cps
Molybdenum	98-1	200	200	283	228	21.12	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	157	147	123	142	12.03	cps
Phosphorus	31-2	133	158	133	142	10.19	cps
Potassium	39-2	19789	19222	19555	19522	1.46	cps
Rhodium	103-1	11456769	11646341	11751448	11618186	1.29	cps
Rhodium	103-2	5271961	5313786	5305580	5297109	0.42	cps
Scandium	45-1	8691298	8749534	8847195	8762676	0.90	cps
Scandium	45-2	341626	338374	341949	340649	0.58	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	76	50	44	57	29.59	cps
Selenium	82-1	67	30	16	37	70.05	cps
Silicon	28-1	295741	290911	298013	294888	1.23	cps
Silver	109-1	3509	4151	3951	3870	8.49	cps
Silver	107-1	3792	3626	4334	3917	9.46	cps
Sodium	23-2	53981	59184	61870	58345	6.87	cps
Strontium	86-1	650	658	800	703	11.99	cps
Strontium	88-1	1083	942	1033	1020	7.05	cps
Sulfur	34-1	284965	288705	289163	287611	0.80	cps
Terbium	159-1	16505387	16736686	16840572	16694215	1.03	cps
Terbium	159-2	8325490	8228434	8277405	8277110	0.59	cps
Thallium	203-1	1742	2317	1892	1984	15.04	cps
Thallium	205-1	4626	4976	4559	4721	4.74	cps
Thorium	232-1	494	361	339	398	21.13	cps
Tin	118-1	6694	6919	7152	6921	3.31	cps
Titanium	47-1	208	183	250	214	15.75	cps
Uranium	238-1	58	50	50	53	9.12	cps
Vanadium	51-2	147	120	177	148	19.18	cps
Yttrium	89-1	12816547	12997034	13170659	12994747	1.36	cps
Yttrium	89-2	1721572	1720737	1729330	1723880	0.27	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6347-02DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181210DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 15:58:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	470	663	453	529	22.07	cps
Zirconium	90-1	1175	1183	1392	1250	9.82	cps
Zirconium	91-1	300	258	367	308	17.72	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6347-02DUPDLX5 Instrumnet Name : P7
 Client Sample ID : P001-RB-181210DUPDL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 16:01:52 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	283	267	281	4.54	cps
Antimony	121-1	6752	6277	6952	6660	5.21	cps
Arsenic	75-2	39	43	37	40	7.15	cps
Barium	135-1	342	283	308	311	9.41	cps
Barium	137-1	525	550	608	561	7.62	cps
Beryllium	9-1	106	133	78	106	26.32	cps
Bismuth	209-1	11860776	11920570	11943921	11908423	0.36	cps
Bismuth	209-2	6728391	6684478	6722505	6711791	0.36	cps
Boron	10-1	2025	2384	2267	2225	8.22	cps
Boron	11-1	10513	10371	9870	10251	3.29	cps
Cadmium	111-1	3352	3324	3673	3450	5.62	cps
Cadmium	106-1	4609	4576	5034	4740	5.39	cps
Cadmium	108-1	17	29	25	24	26.95	cps
Calcium	43-1	667	608	542	606	10.33	cps
Calcium	44-1	10796	10955	11172	10974	1.72	cps
Chromium	52-2	2014	2050	2057	2040	1.14	cps
Cobalt	59-2	70	47	87	68	29.64	cps
Copper	63-2	2290	2377	2250	2306	2.81	cps
Dysprosium	156-1	42	25	33	33	25.01	cps
Dysprosium	156-2	17	10	3	10	66.70	cps
Erbium	164-1	42	83	75	67	33.07	cps
Erbium	164-2	37	30	13	27	45.08	cps
Gadolinium	160-1	117	100	50	89	39.03	cps
Gadolinium	160-2	277	223	330	277	19.28	cps
Holmium	165-1	16715690	16610551	16840064	16722102	0.69	cps
Holmium	165-2	8564473	8525286	8517567	8535775	0.29	cps
Indium	115-1	13060314	13111026	13242113	13137818	0.71	cps
Indium	115-2	2368748	2353566	2376127	2366147	0.49	cps
Iron	56-2	10437	10460	10454	10450	0.11	cps
Iron	57-2	250	239	328	272	17.79	cps
Krypton	83-1	450	417	330	399	15.53	cps
Lead	206-1	2628	2795	2617	2680	3.72	cps
Lead	207-1	2356	2367	2178	2300	4.61	cps
Lead	208-1	10641	10691	9779	10370	4.94	cps
Lithium	6-1	5985886	5987822	6039557	6004422	0.51	cps
Magnesium	24-2	633	825	742	733	13.11	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6347-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181210DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 16:01:52	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	500	463	467	477	4.25	cps
Molybdenum	94-1	367	367	325	353	6.82	cps
Molybdenum	95-1	175	125	75	125	40.00	cps
Molybdenum	96-1	308	317	225	283	17.89	cps
Molybdenum	97-1	67	100	108	92	24.05	cps
Molybdenum	98-1	233	283	250	256	9.96	cps
Neodymium	150-1	27	20	47	31	44.61	cps
Neodymium	150-2	13	10	10	11	17.30	cps
Nickel	60-2	123	120	153	132	13.89	cps
Phosphorus	31-2	133	158	183	158	15.79	cps
Potassium	39-2	20799	22084	21249	21377	3.05	cps
Rhodium	103-1	11836871	11821040	11891877	11849929	0.31	cps
Rhodium	103-2	5319431	5365680	5367310	5350807	0.51	cps
Scandium	45-1	8942000	8918110	8979140	8946417	0.34	cps
Scandium	45-2	340437	338660	341073	340057	0.37	cps
Selenium	77-2	10	7	7	8	24.71	cps
Selenium	78-2	44	54	41	46	14.42	cps
Selenium	82-1	-65	93	112	47	207.56	cps
Silicon	28-1	304143	327399	302969	311504	4.42	cps
Silver	109-1	3992	4501	4184	4226	6.08	cps
Silver	107-1	4009	4434	4859	4434	9.59	cps
Sodium	23-2	70633	70174	71438	70748	0.90	cps
Strontium	86-1	808	858	875	847	4.10	cps
Strontium	88-1	2050	1750	1709	1836	10.15	cps
Sulfur	34-1	283883	285555	288763	286067	0.87	cps
Terbium	159-1	16974231	16934563	17130743	17013179	0.61	cps
Terbium	159-2	8333854	8241436	8208877	8261389	0.78	cps
Thallium	203-1	1058	1275	1250	1195	9.92	cps
Thallium	205-1	2575	2742	2809	2709	4.44	cps
Thorium	232-1	394	300	356	350	13.56	cps
Tin	118-1	6902	7686	7369	7319	5.39	cps
Titanium	47-1	242	292	217	250	15.27	cps
Uranium	238-1	75	108	75	86	22.35	cps
Vanadium	51-2	133	147	140	140	4.76	cps
Yttrium	89-1	13243600	13239996	13317717	13267104	0.33	cps
Yttrium	89-2	1720737	1727268	1746184	1731396	0.76	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6347-02DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181210DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 16:01:52	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	597	597	600	598	0.32	cps
Zirconium	90-1	983	983	842	936	8.74	cps
Zirconium	91-1	150	275	233	219	29.00	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:09:02	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6714514	6732935	6822673	6756707	0.86	cps
Antimony	121-1	4921210	5045192	5079538	5015313	1.66	cps
Arsenic	75-2	151468	153083	153388	152646	0.68	cps
Barium	135-1	7032490	7094753	7135842	7087695	0.73	cps
Barium	137-1	12569218	12621894	12639162	12610091	0.29	cps
Beryllium	9-1	1745251	1766053	1770393	1760565	0.76	cps
Bismuth	209-1	9155128	9254355	9371292	9260258	1.17	cps
Bismuth	209-2	5088648	5124974	5146675	5120099	0.57	cps
Boron	10-1	341698	352661	361604	351988	2.83	cps
Boron	11-1	1521270	1563595	1609460	1564775	2.82	cps
Cadmium	111-1	1659431	1691977	1710399	1687269	1.53	cps
Cadmium	106-1	182434	187945	184671	185017	1.50	cps
Cadmium	108-1	124221	127475	126794	126163	1.36	cps
Calcium	43-1	9554770	9632561	9768047	9651792	1.12	cps
Calcium	44-1	154588116	155324995	156539437	155484183	0.63	cps
Chromium	52-2	1629925	1631428	1650528	1637294	0.70	cps
Cobalt	59-2	2548438	2555712	2562931	2555694	0.28	cps
Copper	63-2	3562746	3577380	3609103	3583076	0.66	cps
Dysprosium	156-1	183	275	125	194	38.89	cps
Dysprosium	156-2	167	190	180	179	6.54	cps
Erbium	164-1	75	58	75	69	13.85	cps
Erbium	164-2	30	37	37	34	11.18	cps
Gadolinium	160-1	125	117	92	111	15.61	cps
Gadolinium	160-2	257	327	220	268	20.24	cps
Holmium	165-1	14471590	14698911	14894239	14688247	1.44	cps
Holmium	165-2	7507347	7520010	7571622	7532993	0.45	cps
Indium	115-1	9853771	9947904	10030912	9944196	0.89	cps
Indium	115-2	1868714	1876433	1886524	1877224	0.48	cps
Iron	56-2	349035986	348460441	350888352	349461593	0.36	cps
Iron	57-2	8551107	8554163	8627667	8577646	0.51	cps
Krypton	83-1	327	327	403	352	12.57	cps
Lead	206-1	5410275	5484567	5597196	5497346	1.71	cps
Lead	207-1	4925994	5006991	5071901	5001629	1.46	cps
Lead	208-1	22108956	22387935	22621155	22372682	1.15	cps
Lithium	6-1	4653007	4686790	4722491	4687430	0.74	cps
Magnesium	24-2	75333414	75369464	75975410	75559429	0.48	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:09:02	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2025297	2015368	2037998	2026221	0.56	cps
Molybdenum	94-1	11226205	11284240	11447363	11319269	1.01	cps
Molybdenum	95-1	13663352	13869384	13878152	13803630	0.88	cps
Molybdenum	96-1	15243750	15427219	15507697	15392889	0.88	cps
Molybdenum	97-1	8558707	8587362	8689742	8611937	0.80	cps
Molybdenum	98-1	22050781	22345071	22521489	22305780	1.07	cps
Neodymium	150-1	733	587	713	678	11.74	cps
Neodymium	150-2	97	87	127	103	20.14	cps
Nickel	60-2	642548	648809	651643	647666	0.72	cps
Phosphorus	31-2	63997	64624	63586	64069	0.82	cps
Potassium	39-2	30443941	30417460	30682516	30514639	0.48	cps
Rhodium	103-1	8213317	8222578	8283918	8239938	0.47	cps
Rhodium	103-2	3823146	3839537	3872027	3844903	0.65	cps
Scandium	45-1	6755096	6797364	6863500	6805320	0.80	cps
Scandium	45-2	273904	275418	272637	273986	0.51	cps
Selenium	77-2	4804	4814	4738	4785	0.87	cps
Selenium	78-2	16196	16018	16165	16126	0.59	cps
Selenium	82-1	112809	115845	115973	114876	1.56	cps
Silicon	28-1	4602648	4698860	4758559	4686689	1.68	cps
Silver	109-1	6964508	7046638	7073657	7028267	0.81	cps
Silver	107-1	7230128	7281870	7335987	7282661	0.73	cps
Sodium	23-2	135671299	136804195	137252411	136575968	0.60	cps
Strontium	86-1	1896321	1944870	1977776	1939656	2.11	cps
Strontium	88-1	16466394	16735772	16962981	16721715	1.49	cps
Sulfur	34-1	950530	950468	954945	951981	0.27	cps
Terbium	159-1	14819728	14862251	14936723	14872901	0.40	cps
Terbium	159-2	7235322	7207342	7314974	7252546	0.77	cps
Thallium	203-1	6677589	6701717	6831857	6737054	1.23	cps
Thallium	205-1	16193376	16190101	16408582	16264020	0.77	cps
Thorium	232-1	26075928	26362342	26605792	26348020	1.01	cps
Tin	118-1	4963168	5051801	5103898	5039623	1.41	cps
Titanium	47-1	4218483	4263926	4295460	4259290	0.91	cps
Uranium	238-1	25456057	25494113	25797890	25582686	0.73	cps
Vanadium	51-2	1292236	1298432	1301487	1297385	0.36	cps
Yttrium	89-1	10315682	10380215	10530995	10408964	1.06	cps
Yttrium	89-2	1400259	1412776	1416834	1409957	0.61	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P7
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:09:02	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	581397	592993	592196	588862	1.10	cps
Zirconium	90-1	9479150	9559472	9646539	9561720	0.88	cps
Zirconium	91-1	2096782	2158621	2175225	2143542	1.93	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P7
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 16:12:42 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	67	67	89	43.30	cps
Antimony	121-1	2275	2000	2434	2236	9.81	cps
Arsenic	75-2	20	15	15	17	19.26	cps
Barium	135-1	350	133	150	211	57.12	cps
Barium	137-1	325	283	258	289	11.67	cps
Beryllium	9-1	217	206	278	233	16.67	cps
Bismuth	209-1	11762219	11796923	10820237	11459793	4.84	cps
Bismuth	209-2	6285526	6414326	6549206	6416352	2.05	cps
Boron	10-1	14891	13940	12923	13918	7.07	cps
Boron	11-1	65560	60648	55343	60517	8.44	cps
Cadmium	111-1	2973	3071	2788	2944	4.89	cps
Cadmium	106-1	4034	4226	3859	4040	4.54	cps
Cadmium	108-1	25	17	25	22	21.64	cps
Calcium	43-1	275	217	192	228	18.77	cps
Calcium	44-1	7021	6001	5751	6258	10.75	cps
Chromium	52-2	1007	1057	973	1012	4.14	cps
Cobalt	59-2	93	93	97	94	2.04	cps
Copper	63-2	510	530	523	521	1.95	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	10	17	23	17	39.99	cps
Gadolinium	160-1	25	50	50	42	34.64	cps
Gadolinium	160-2	263	283	243	263	7.59	cps
Holmium	165-1	15983742	16201492	14916992	15700742	4.38	cps
Holmium	165-2	7964623	8079261	8240366	8094750	1.71	cps
Indium	115-1	12056493	12215338	11230400	11834077	4.47	cps
Indium	115-2	2130103	2194079	2231081	2185088	2.34	cps
Iron	56-2	8831	8102	8442	8458	4.31	cps
Iron	57-2	261	244	272	259	5.39	cps
Krypton	83-1	317	330	330	326	2.36	cps
Lead	206-1	1711	1539	1483	1578	7.53	cps
Lead	207-1	1422	1411	1372	1402	1.87	cps
Lead	208-1	6929	5973	5951	6284	8.89	cps
Lithium	6-1	5373553	5429311	5002783	5268549	4.40	cps
Magnesium	24-2	1092	1250	1092	1145	7.99	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:12:42	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	103	110	110	6.06	cps
Molybdenum	94-1	2334	1750	1984	2022	14.52	cps
Molybdenum	95-1	3050	2625	2425	2700	11.82	cps
Molybdenum	96-1	3317	3100	2800	3073	8.45	cps
Molybdenum	97-1	2075	1533	1625	1745	16.62	cps
Molybdenum	98-1	4909	4293	3851	4351	12.22	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	73	67	71	5.41	cps
Phosphorus	31-2	100	83	67	83	20.00	cps
Potassium	39-2	12439	12856	13031	12775	2.38	cps
Rhodium	103-1	10743559	10841103	9957015	10513892	4.61	cps
Rhodium	103-2	4685377	4867373	4920656	4824469	2.56	cps
Scandium	45-1	7857369	7988524	7398637	7748177	4.00	cps
Scandium	45-2	289287	295447	304337	296357	2.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	63	65	52	37.74	cps
Selenium	82-1	70	72	54	65	15.29	cps
Silicon	28-1	238344	242603	238429	239792	1.02	cps
Silver	109-1	675	900	667	747	17.72	cps
Silver	107-1	783	1033	817	878	15.46	cps
Sodium	23-2	20807	19755	19355	19972	3.76	cps
Strontium	86-1	600	592	633	608	3.62	cps
Strontium	88-1	542	433	450	475	12.28	cps
Sulfur	34-1	236166	236820	237785	236923	0.34	cps
Terbium	159-1	16336184	16420319	14993170	15916558	5.03	cps
Terbium	159-2	7702134	7824781	7974565	7833827	1.74	cps
Thallium	203-1	1792	1342	1217	1450	20.87	cps
Thallium	205-1	3934	3284	3117	3445	12.53	cps
Thorium	232-1	5235	4673	4518	4808	7.84	cps
Tin	118-1	1717	1542	1558	1606	6.02	cps
Titanium	47-1	125	183	192	167	21.79	cps
Uranium	238-1	708	567	425	567	25.00	cps
Vanadium	51-2	20	17	40	26	49.38	cps
Yttrium	89-1	12056786	12187791	11190695	11811757	4.59	cps
Yttrium	89-2	1536239	1563940	1594384	1564854	1.86	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P7
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:12:42	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	280	287	350	306	12.64	cps
Zirconium	90-1	1217	1200	1175	1197	1.75	cps
Zirconium	91-1	283	200	217	233	18.90	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6347-02	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181210	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:16:17	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	700	483	608	597	18.22	cps
Antimony	121-1	483	608	400	497	21.09	cps
Arsenic	75-2	9	13	7	10	28.61	cps
Barium	135-1	667	608	583	619	6.90	cps
Barium	137-1	1333	1468	1233	1345	8.74	cps
Beryllium	9-1	189	139	139	156	18.56	cps
Bismuth	209-1	13507207	13266319	13277564	13350363	1.02	cps
Bismuth	209-2	7454740	7345431	7263552	7354575	1.30	cps
Boron	10-1	7010	6860	6960	6944	1.10	cps
Boron	11-1	28753	29522	28052	28776	2.55	cps
Cadmium	111-1	3728	3605	3531	3621	2.74	cps
Cadmium	106-1	5243	5101	4909	5084	3.29	cps
Cadmium	108-1	25	46	8	26	71.20	cps
Calcium	43-1	800	717	717	744	6.46	cps
Calcium	44-1	14558	14358	13915	14277	2.30	cps
Chromium	52-2	533	590	617	580	7.34	cps
Cobalt	59-2	83	87	100	90	9.80	cps
Copper	63-2	2194	1930	2130	2085	6.59	cps
Dysprosium	156-1	33	17	0	17	99.99	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	75	58	50	61	20.83	cps
Erbium	164-2	33	27	23	28	18.33	cps
Gadolinium	160-1	58	25	58	47	40.76	cps
Gadolinium	160-2	253	280	300	278	8.43	cps
Holmium	165-1	18312662	18023372	18011117	18115717	0.94	cps
Holmium	165-2	9115477	9138666	8908847	9054330	1.40	cps
Indium	115-1	13984020	13830500	13755192	13856571	0.84	cps
Indium	115-2	2462530	2503538	2464308	2476792	0.94	cps
Iron	56-2	13001	16659	14718	14792	12.37	cps
Iron	57-2	344	483	367	398	18.74	cps
Krypton	83-1	420	343	390	384	10.05	cps
Lead	206-1	2595	2745	2556	2632	3.79	cps
Lead	207-1	2417	2550	2300	2423	5.16	cps
Lead	208-1	10396	10541	10341	10426	0.99	cps
Lithium	6-1	6253930	6245371	6183690	6227664	0.62	cps
Magnesium	24-2	3137	2492	2184	2604	18.68	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6347-02	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181210	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:16:17	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	480	457	540	492	8.73	cps
Molybdenum	94-1	825	775	883	828	6.55	cps
Molybdenum	95-1	617	492	667	592	15.23	cps
Molybdenum	96-1	917	683	700	767	16.98	cps
Molybdenum	97-1	308	375	350	344	9.78	cps
Molybdenum	98-1	1208	1000	975	1061	12.07	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	0	3	17	7	132.33	cps
Nickel	60-2	67	127	130	108	33.07	cps
Phosphorus	31-2	142	192	167	167	15.00	cps
Potassium	39-2	14649	14624	14758	14677	0.48	cps
Rhodium	103-1	12569392	12373600	12313563	12418852	1.08	cps
Rhodium	103-2	5484397	5525576	5438600	5482858	0.79	cps
Scandium	45-1	9144440	9100567	9090524	9111844	0.31	cps
Scandium	45-2	339464	343940	337563	340322	0.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	59	46	52	12.39	cps
Selenium	82-1	-24	75	32	28	177.75	cps
Silicon	28-1	261192	252742	304618	272851	10.20	cps
Silver	109-1	308	467	342	372	22.43	cps
Silver	107-1	650	542	567	586	9.68	cps
Sodium	23-2	55336	55989	54792	55372	1.08	cps
Strontium	86-1	1025	917	883	942	7.87	cps
Strontium	88-1	3384	3867	3701	3651	6.73	cps
Sulfur	34-1	255726	253946	256903	255525	0.58	cps
Terbium	159-1	18597519	18233876	18354180	18395192	1.01	cps
Terbium	159-2	8861336	8836982	8703147	8800488	0.97	cps
Thallium	203-1	900	925	742	856	11.62	cps
Thallium	205-1	1792	1725	1834	1784	3.06	cps
Thorium	232-1	2495	2450	2278	2408	4.75	cps
Tin	118-1	950	833	792	858	9.56	cps
Titanium	47-1	258	225	167	217	21.41	cps
Uranium	238-1	167	142	225	178	24.05	cps
Vanadium	51-2	27	40	20	29	35.25	cps
Yttrium	89-1	13980990	13854740	13868865	13901532	0.50	cps
Yttrium	89-2	1780799	1787429	1749519	1772582	1.14	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6347-02	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181210	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:16:17	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1007	1040	1000	1016	2.11	cps
Zirconium	90-1	1358	1250	1342	1317	4.43	cps
Zirconium	91-1	367	367	208	314	29.12	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6377-08RE	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181211RE	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:19:51	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	167	183	186	11.27	cps
Antimony	121-1	475	417	308	400	21.14	cps
Arsenic	75-2	19	15	9	14	32.83	cps
Barium	135-1	425	417	375	406	6.61	cps
Barium	137-1	783	750	775	769	2.25	cps
Beryllium	9-1	111	217	122	150	38.66	cps
Bismuth	209-1	14217272	14100896	13936829	14084999	1.00	cps
Bismuth	209-2	7691879	7656934	7642462	7663758	0.33	cps
Boron	10-1	4367	3876	4042	4095	6.11	cps
Boron	11-1	19713	19263	19288	19421	1.30	cps
Cadmium	111-1	3803	3686	3758	3749	1.57	cps
Cadmium	106-1	5393	5226	5301	5307	1.57	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	1609	1834	1717	1720	6.54	cps
Calcium	44-1	29079	28094	28879	28684	1.82	cps
Chromium	52-2	373	373	347	364	4.22	cps
Cobalt	59-2	83	77	60	73	16.39	cps
Copper	63-2	3104	2970	3137	3070	2.87	cps
Dysprosium	156-1	42	33	17	31	41.66	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	83	117	67	89	28.64	cps
Erbium	164-2	17	27	37	27	37.50	cps
Gadolinium	160-1	75	100	108	94	18.37	cps
Gadolinium	160-2	280	250	320	283	12.39	cps
Holmium	165-1	19486732	19227276	19127457	19280488	0.96	cps
Holmium	165-2	9404218	9362958	9399747	9388974	0.24	cps
Indium	115-1	14931857	14834968	14621092	14795972	1.07	cps
Indium	115-2	2589467	2582288	2608040	2593265	0.51	cps
Iron	56-2	7513	7558	7763	7611	1.75	cps
Iron	57-2	217	194	272	228	17.59	cps
Krypton	83-1	423	363	403	397	7.70	cps
Lead	206-1	3139	3139	2889	3056	4.72	cps
Lead	207-1	2634	2689	2784	2702	2.81	cps
Lead	208-1	12475	12275	12136	12295	1.39	cps
Lithium	6-1	6731970	6639533	6610634	6660712	0.95	cps
Magnesium	24-2	2834	2942	2767	2848	3.10	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6377-08RE Instrumnet Name : P7
 Client Sample ID : P001-RB-181211RE Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 16:19:51 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	200	160	220	193	15.80	cps
Molybdenum	94-1	567	550	533	550	3.03	cps
Molybdenum	95-1	292	458	275	342	29.67	cps
Molybdenum	96-1	450	500	450	467	6.19	cps
Molybdenum	97-1	133	83	158	125	30.55	cps
Molybdenum	98-1	642	467	475	528	18.71	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	63	63	67	64	2.99	cps
Phosphorus	31-2	92	83	100	92	9.09	cps
Potassium	39-2	14357	13615	14324	14099	2.97	cps
Rhodium	103-1	13321037	13308382	13121541	13250320	0.84	cps
Rhodium	103-2	5776246	5738177	5745935	5753453	0.35	cps
Scandium	45-1	9917016	9908864	9736505	9854129	1.03	cps
Scandium	45-2	361662	362710	362795	362389	0.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	67	44	56	19.87	cps
Selenium	82-1	-36	75	-5	12	493.68	cps
Silicon	28-1	228563	233106	232970	231546	1.12	cps
Silver	109-1	208	208	292	236	20.38	cps
Silver	107-1	283	367	267	306	17.53	cps
Sodium	23-2	33347	33179	33087	33204	0.40	cps
Strontium	86-1	1225	1158	1050	1145	7.72	cps
Strontium	88-1	5093	5068	5451	5204	4.12	cps
Sulfur	34-1	255709	260746	262552	259669	1.37	cps
Terbium	159-1	19692015	19628216	19233251	19517827	1.27	cps
Terbium	159-2	9168865	9179627	9146719	9165070	0.18	cps
Thallium	203-1	600	508	567	558	8.31	cps
Thallium	205-1	1434	1267	1175	1292	10.14	cps
Thorium	232-1	1000	983	1067	1017	4.34	cps
Tin	118-1	675	583	592	617	8.22	cps
Titanium	47-1	142	158	167	156	8.18	cps
Uranium	238-1	75	133	58	89	44.30	cps
Vanadium	51-2	7	17	17	13	43.29	cps
Yttrium	89-1	14948721	14901847	14696000	14848856	0.91	cps
Yttrium	89-2	1865329	1858446	1865409	1863062	0.21	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6377-08RE	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181211RE	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:19:51	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1190	1117	1160	1156	3.19	cps
Zirconium	90-1	1217	1083	1208	1170	6.39	cps
Zirconium	91-1	283	200	183	222	24.11	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6377-08	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181211	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:23:56	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	58	17	39	53.93	cps
Antimony	121-1	317	350	400	356	11.80	cps
Arsenic	75-2	4	4	7	5	43.39	cps
Barium	135-1	108	50	25	61	69.99	cps
Barium	137-1	183	117	50	117	57.15	cps
Beryllium	9-1	172	161	161	165	3.89	cps
Bismuth	209-1	11940519	11941131	12028735	11970129	0.42	cps
Bismuth	209-2	6794586	6807384	6747226	6783066	0.47	cps
Boron	10-1	3284	3225	3184	3231	1.55	cps
Boron	11-1	14824	14966	14182	14658	2.85	cps
Cadmium	111-1	3277	3213	3286	3258	1.21	cps
Cadmium	106-1	4618	4559	4684	4620	1.35	cps
Cadmium	108-1	8	17	8	11	43.34	cps
Calcium	43-1	183	192	200	192	4.35	cps
Calcium	44-1	4818	4451	4518	4596	4.26	cps
Chromium	52-2	1180	1290	1080	1183	8.88	cps
Cobalt	59-2	107	110	130	116	10.92	cps
Copper	63-2	447	397	393	412	7.25	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	58	50	25	44	39.04	cps
Erbium	164-2	27	30	27	28	6.92	cps
Gadolinium	160-1	58	50	67	58	14.29	cps
Gadolinium	160-2	283	243	180	236	22.12	cps
Holmium	165-1	16713514	16583326	16550696	16615846	0.52	cps
Holmium	165-2	8485912	8537870	8463222	8495668	0.45	cps
Indium	115-1	12815975	12789402	12974311	12859896	0.78	cps
Indium	115-2	2319389	2345296	2353880	2339522	0.77	cps
Iron	56-2	4017	4073	4106	4065	1.10	cps
Iron	57-2	111	161	122	131	19.97	cps
Krypton	83-1	357	343	427	376	11.92	cps
Lead	206-1	1133	1217	1028	1126	8.41	cps
Lead	207-1	856	767	983	869	12.54	cps
Lead	208-1	4417	4323	4273	4337	1.69	cps
Lithium	6-1	5776831	5780086	5829767	5795561	0.51	cps
Magnesium	24-2	208	217	117	181	30.73	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6377-08	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181211	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:23:56	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	57	50	54	7.07	cps
Molybdenum	94-1	600	458	375	478	23.81	cps
Molybdenum	95-1	200	208	133	181	22.77	cps
Molybdenum	96-1	317	267	300	294	8.65	cps
Molybdenum	97-1	133	108	125	122	10.41	cps
Molybdenum	98-1	517	250	392	386	34.56	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	63	50	60	58	12.01	cps
Phosphorus	31-2	92	133	92	106	22.79	cps
Potassium	39-2	13215	13065	13190	13156	0.61	cps
Rhodium	103-1	11661998	11588878	11669261	11640046	0.38	cps
Rhodium	103-2	5159919	5206729	5270995	5212548	1.07	cps
Scandium	45-1	8549563	8645580	8688634	8627926	0.83	cps
Scandium	45-2	331014	331035	329902	330650	0.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	61	44	56	54	15.81	cps
Selenium	82-1	112	60	-48	42	195.74	cps
Silicon	28-1	255415	250633	253761	253269	0.96	cps
Silver	109-1	250	308	258	272	11.59	cps
Silver	107-1	317	408	350	358	12.95	cps
Sodium	23-2	12439	12097	12431	12322	1.58	cps
Strontium	86-1	625	608	658	631	4.04	cps
Strontium	88-1	242	175	158	192	23.01	cps
Sulfur	34-1	277610	284918	280024	280851	1.33	cps
Terbium	159-1	16780392	16759215	17093422	16877676	1.11	cps
Terbium	159-2	8286504	8270395	8304363	8287087	0.21	cps
Thallium	203-1	400	400	383	394	2.44	cps
Thallium	205-1	1526	867	1042	1145	29.84	cps
Thorium	232-1	1022	1100	945	1022	7.61	cps
Tin	118-1	800	750	700	750	6.67	cps
Titanium	47-1	67	108	183	119	49.50	cps
Uranium	238-1	217	33	117	122	75.13	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Yttrium	89-1	12904806	12878359	12989084	12924083	0.45	cps
Yttrium	89-2	1675367	1689030	1712075	1692158	1.10	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6377-08	Instrumnet Name :	P7
Client Sample ID :	P001-RB-181211	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:23:56	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	293	227	247	256	13.39	cps
Zirconium	90-1	1092	892	1067	1017	10.72	cps
Zirconium	91-1	192	300	233	242	22.61	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : PB115814BL Instrumnet Name : P7
 Client Sample ID : PB115814BL Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 16:27:30 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	17	50	33	50.00	cps
Antimony	121-1	208	208	242	219	8.77	cps
Arsenic	75-2	11	2	6	6	75.49	cps
Barium	135-1	25	17	25	22	21.64	cps
Barium	137-1	67	58	50	58	14.29	cps
Beryllium	9-1	211	94	139	148	39.75	cps
Bismuth	209-1	12064881	12136638	12051877	12084465	0.38	cps
Bismuth	209-2	6832603	6856971	6851797	6847124	0.19	cps
Boron	10-1	2909	2817	2842	2856	1.66	cps
Boron	11-1	12330	11305	12464	12033	5.27	cps
Cadmium	111-1	3442	3506	3149	3366	5.66	cps
Cadmium	106-1	4884	5009	4484	4793	5.72	cps
Cadmium	108-1	8	25	4	13	88.19	cps
Calcium	43-1	125	200	217	181	27.04	cps
Calcium	44-1	4409	4601	4459	4490	2.22	cps
Chromium	52-2	1020	1083	1133	1079	5.26	cps
Cobalt	59-2	143	100	123	122	17.75	cps
Copper	63-2	393	377	420	397	5.51	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	33	42	67	47	36.74	cps
Erbium	164-2	30	23	23	26	15.07	cps
Gadolinium	160-1	75	75	75	75	0.00	cps
Gadolinium	160-2	250	297	247	264	10.57	cps
Holmium	165-1	16803386	16849709	16881521	16844872	0.23	cps
Holmium	165-2	8599504	8613944	8611992	8608480	0.09	cps
Indium	115-1	13119582	13129034	13088579	13112398	0.16	cps
Indium	115-2	2381376	2373348	2384115	2379613	0.24	cps
Iron	56-2	4362	4101	4301	4254	3.21	cps
Iron	57-2	100	128	139	122	16.39	cps
Krypton	83-1	403	393	363	387	5.38	cps
Lead	206-1	1006	1122	1039	1056	5.69	cps
Lead	207-1	900	872	883	885	1.58	cps
Lead	208-1	4117	4178	4306	4200	2.30	cps
Lithium	6-1	5895517	5907639	5926421	5909859	0.26	cps
Magnesium	24-2	208	183	300	231	26.64	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	PB115814BL	Instrumnet Name :	P7
Client Sample ID :	PB115814BL	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:27:30	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	67	40	52	25.80	cps
Molybdenum	94-1	408	333	392	378	10.43	cps
Molybdenum	95-1	133	83	150	122	28.39	cps
Molybdenum	96-1	242	292	308	281	12.37	cps
Molybdenum	97-1	150	100	133	128	19.92	cps
Molybdenum	98-1	292	275	350	306	12.89	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	77	67	73	72	7.05	cps
Phosphorus	31-2	150	142	117	136	12.75	cps
Potassium	39-2	13498	14041	13273	13604	2.90	cps
Rhodium	103-1	11797469	11898949	11753574	11816664	0.63	cps
Rhodium	103-2	5263170	5326816	5330695	5306894	0.71	cps
Scandium	45-1	8774854	8794566	8838127	8802515	0.37	cps
Scandium	45-2	337519	338768	339328	338538	0.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	37	50	46	16.38	cps
Selenium	82-1	28	7	61	32	86.68	cps
Silicon	28-1	257851	256684	258954	257829	0.44	cps
Silver	109-1	233	158	317	236	33.55	cps
Silver	107-1	208	325	283	272	21.72	cps
Sodium	23-2	11421	12005	11688	11705	2.50	cps
Strontium	86-1	692	567	775	678	15.47	cps
Strontium	88-1	225	192	200	206	8.44	cps
Sulfur	34-1	285563	285445	286523	285844	0.21	cps
Terbium	159-1	17152783	17073376	17090574	17105577	0.24	cps
Terbium	159-2	8394555	8342135	8376162	8370951	0.32	cps
Thallium	203-1	533	358	350	414	25.01	cps
Thallium	205-1	850	867	817	845	3.01	cps
Thorium	232-1	706	750	639	698	8.01	cps
Tin	118-1	675	567	683	642	10.14	cps
Titanium	47-1	83	108	92	94	13.48	cps
Uranium	238-1	75	58	92	75	22.22	cps
Vanadium	51-2	10	10	0	7	86.60	cps
Yttrium	89-1	13211159	13118028	13091251	13140146	0.48	cps
Yttrium	89-2	1712008	1716237	1727973	1718739	0.48	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	PB115814BL	Instrumnet Name :	P7
Client Sample ID :	PB115814BL	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:27:30	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	237	223	283	248	12.72	cps
Zirconium	90-1	900	1025	1108	1011	10.37	cps
Zirconium	91-1	292	192	258	247	20.59	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : PB115814BS Instrumnet Name : P7
 Client Sample ID : PB115814BS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 16:31:04 DataFile Name : 038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1264434	1265286	1255918	1261879	0.41	cps
Antimony	121-1	5806407	5783653	5821476	5803845	0.33	cps
Arsenic	75-2	170852	171936	170891	171226	0.36	cps
Barium	135-1	7728011	7680869	7674978	7694619	0.38	cps
Barium	137-1	13766358	13561069	13613449	13646959	0.78	cps
Beryllium	9-1	2027842	1985265	1964591	1992566	1.62	cps
Bismuth	209-1	11192458	11176353	11153402	11174071	0.18	cps
Bismuth	209-2	5976484	5977635	5841583	5931901	1.32	cps
Boron	10-1	379984	387211	391959	386385	1.56	cps
Boron	11-1	1711779	1737009	1746778	1731855	1.04	cps
Cadmium	111-1	1761120	1764216	1748585	1757973	0.47	cps
Cadmium	106-1	197524	194093	190574	194064	1.79	cps
Cadmium	108-1	132992	131264	130767	131674	0.89	cps
Calcium	43-1	2198969	2174842	2147793	2173868	1.18	cps
Calcium	44-1	35119951	34596553	34235179	34650561	1.28	cps
Chromium	52-2	1607802	1614691	1607671	1610055	0.25	cps
Cobalt	59-2	2693783	2674720	2659320	2675941	0.65	cps
Copper	63-2	3710639	3711902	3694488	3705676	0.26	cps
Dysprosium	156-1	133	133	117	128	7.53	cps
Dysprosium	156-2	150	130	140	140	7.14	cps
Erbium	164-1	50	50	83	61	31.50	cps
Erbium	164-2	37	40	40	39	4.94	cps
Gadolinium	160-1	117	108	92	106	12.06	cps
Gadolinium	160-2	290	283	233	269	11.52	cps
Holmium	165-1	16498675	16353783	16268777	16373745	0.71	cps
Holmium	165-2	7995552	7936473	7727304	7886443	1.79	cps
Indium	115-1	11709866	11517282	11451459	11559536	1.16	cps
Indium	115-2	2012345	2024192	1974058	2003532	1.31	cps
Iron	56-2	72760704	73076685	72253541	72696977	0.57	cps
Iron	57-2	1789285	1802004	1784563	1791951	0.50	cps
Krypton	83-1	373	327	317	339	8.93	cps
Lead	206-1	6070521	6087630	6145297	6101149	0.64	cps
Lead	207-1	5448514	5556450	5554192	5519719	1.12	cps
Lead	208-1	24575227	24739848	24799027	24704701	0.47	cps
Lithium	6-1	5375748	5229115	5175090	5259984	1.97	cps
Magnesium	24-2	15439011	15330494	15286297	15351934	0.51	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : PB115814BS Instrumnet Name : P7
 Client Sample ID : PB115814BS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 16:31:04 DataFile Name : 038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2057249	2059685	2049937	2055624	0.25	cps
Molybdenum	94-1	12499497	12244471	12132548	12292172	1.53	cps
Molybdenum	95-1	15280173	14943581	14844968	15022907	1.52	cps
Molybdenum	96-1	16982739	16629147	16447130	16686339	1.63	cps
Molybdenum	97-1	9461546	9308474	9234145	9334722	1.24	cps
Molybdenum	98-1	24554322	24146429	23983724	24228158	1.21	cps
Neodymium	150-1	673	687	633	664	4.18	cps
Neodymium	150-2	47	67	47	53	21.65	cps
Nickel	60-2	690688	686813	682427	686643	0.60	cps
Phosphorus	31-2	67503	68692	66867	67687	1.37	cps
Potassium	39-2	6051960	6047144	5959518	6019541	0.86	cps
Rhodium	103-1	10254927	9983474	9880666	10039689	1.93	cps
Rhodium	103-2	4376452	4375302	4290693	4347482	1.13	cps
Scandium	45-1	7903386	7697649	7600160	7733732	2.00	cps
Scandium	45-2	278738	279043	274452	277411	0.93	cps
Selenium	77-2	5224	5124	5191	5180	0.98	cps
Selenium	78-2	17201	17220	17116	17179	0.32	cps
Selenium	82-1	136826	135137	135147	135703	0.72	cps
Silicon	28-1	5668188	5608322	5621738	5632749	0.56	cps
Silver	109-1	8090828	7967713	7922123	7993555	1.09	cps
Silver	107-1	8450217	8232544	8174800	8285854	1.75	cps
Sodium	23-2	27813854	27826454	27395103	27678470	0.89	cps
Strontium	86-1	2131325	2100343	2118578	2116749	0.74	cps
Strontium	88-1	18437696	18121568	18023169	18194144	1.19	cps
Sulfur	34-1	1092137	1064018	1052165	1069440	1.92	cps
Terbium	159-1	16612824	16494544	16385533	16497634	0.69	cps
Terbium	159-2	7674153	7614738	7498518	7595803	1.18	cps
Thallium	203-1	7457453	7435964	7374787	7422735	0.58	cps
Thallium	205-1	17944409	17784737	17821184	17850110	0.47	cps
Thorium	232-1	27283128	27358534	27298810	27313491	0.15	cps
Tin	118-1	5649461	5596778	5625357	5623865	0.47	cps
Titanium	47-1	4687129	4601110	4531805	4606682	1.69	cps
Uranium	238-1	26676351	26472804	26592849	26580668	0.38	cps
Vanadium	51-2	1275335	1284129	1280081	1279848	0.34	cps
Yttrium	89-1	12034417	11818832	11725129	11859459	1.34	cps
Yttrium	89-2	1476507	1480172	1440406	1465695	1.50	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	PB115814BS	Instrumnet Name :	P7
Client Sample ID :	PB115814BS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:31:04	DataFile Name :	038LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	579979	584732	585279	583330	0.50	cps
Zirconium	90-1	10512104	10270465	10152479	10311683	1.78	cps
Zirconium	91-1	2340291	2326153	2303898	2323447	0.79	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-01	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:34:39	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13816018	13793081	13676139	13761746	0.55	cps
Antimony	121-1	7452	7160	7094	7235	2.64	cps
Arsenic	75-2	11008	11327	11519	11285	2.29	cps
Barium	135-1	7724469	7750507	7763530	7746169	0.26	cps
Barium	137-1	13767200	13783503	13715268	13755324	0.26	cps
Beryllium	9-1	19513	18884	19446	19281	1.79	cps
Bismuth	209-1	10933582	10809199	11284227	11009002	2.24	cps
Bismuth	209-2	6046177	6244455	6277419	6189350	2.02	cps
Boron	10-1	25147	24045	21675	23622	7.51	cps
Boron	11-1	114346	104232	94479	104352	9.52	cps
Cadmium	111-1	16465	16084	16205	16251	1.20	cps
Cadmium	106-1	9103	8294	8470	8622	4.94	cps
Cadmium	108-1	1321	1354	1379	1351	2.17	cps
Calcium	43-1	454073	458100	452072	454748	0.68	cps
Calcium	44-1	7249335	7282361	7206210	7245969	0.53	cps
Chromium	52-2	373589	373993	374534	374038	0.13	cps
Cobalt	59-2	310740	312660	311949	311783	0.31	cps
Copper	63-2	1019395	1022422	1021104	1020974	0.15	cps
Dysprosium	156-1	335044	334165	333573	334261	0.22	cps
Dysprosium	156-2	166879	169157	167926	167987	0.68	cps
Erbium	164-1	299449	293746	296399	296531	0.96	cps
Erbium	164-2	142668	141258	141964	141963	0.50	cps
Gadolinium	160-1	328812	331773	333649	331411	0.74	cps
Gadolinium	160-2	178771	179311	179119	179067	0.15	cps
Holmium	165-1	16584462	16318103	17007943	16636836	2.09	cps
Holmium	165-2	8384342	8593514	8599089	8525649	1.44	cps
Indium	115-1	11773209	11671398	12120511	11855039	1.99	cps
Indium	115-2	2159967	2200992	2237088	2199349	1.75	cps
Iron	56-2	512030856	511008700	510515289	511184948	0.15	cps
Iron	57-2	12463753	12395824	12362967	12407515	0.41	cps
Krypton	83-1	730	833	660	741	11.77	cps
Lead	206-1	3261463	3314828	3309280	3295190	0.89	cps
Lead	207-1	2768579	2788312	2768493	2775128	0.41	cps
Lead	208-1	12803668	12852137	12888753	12848186	0.33	cps
Lithium	6-1	5506696	5459364	5611140	5525733	1.41	cps
Magnesium	24-2	7981313	7960203	7930672	7957396	0.32	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-01	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:34:39	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15138676	15147501	15090000	15125392	0.20	cps
Molybdenum	94-1	206734	203902	205592	205410	0.69	cps
Molybdenum	95-1	35729	34250	33833	34604	2.88	cps
Molybdenum	96-1	80503	77118	78323	78648	2.18	cps
Molybdenum	97-1	21450	20841	20341	20877	2.66	cps
Molybdenum	98-1	55057	53635	53125	53939	1.86	cps
Neodymium	150-1	409628	416271	413114	413004	0.80	cps
Neodymium	150-2	155625	153702	153828	154385	0.70	cps
Nickel	60-2	185024	184980	184943	184982	0.02	cps
Phosphorus	31-2	43104	44099	43556	43587	1.14	cps
Potassium	39-2	1603003	1620764	1598766	1607511	0.73	cps
Rhodium	103-1	10264792	10066963	10499025	10276927	2.10	cps
Rhodium	103-2	4655887	4732148	4800783	4729606	1.53	cps
Scandium	45-1	8706101	8718633	8907090	8777274	1.28	cps
Scandium	45-2	332004	334837	337579	334807	0.83	cps
Selenium	77-2	840	727	743	770	7.95	cps
Selenium	78-2	817	844	869	843	3.08	cps
Selenium	82-1	2652	2614	2649	2638	0.80	cps
Silicon	28-1	10760946	10711176	10782097	10751406	0.34	cps
Silver	109-1	7911	8228	8294	8144	2.52	cps
Silver	107-1	8778	8219	8903	8634	4.22	cps
Sodium	23-2	209867	210912	209097	209958	0.43	cps
Strontium	86-1	495510	499943	492082	495845	0.79	cps
Strontium	88-1	4288974	4348139	4278491	4305201	0.87	cps
Sulfur	34-1	1175848	1173123	1167511	1172161	0.36	cps
Terbium	159-1	16650849	16364757	17164372	16726659	2.42	cps
Terbium	159-2	8148766	8277193	8338823	8254927	1.17	cps
Thallium	203-1	10196	9762	9646	9868	2.94	cps
Thallium	205-1	23689	23630	23864	23728	0.51	cps
Thorium	232-1	1326507	1340347	1334538	1333797	0.52	cps
Tin	118-1	11388	10730	10755	10957	3.41	cps
Titanium	47-1	411289	419920	410512	413907	1.26	cps
Uranium	238-1	251519	252298	250952	251589	0.27	cps
Vanadium	51-2	376212	374852	375227	375431	0.19	cps
Yttrium	89-1	15342886	15222648	15590227	15385254	1.22	cps
Yttrium	89-2	2013179	2033394	2050224	2032265	0.91	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-01	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:34:39	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	239898	241193	239247	240113	0.41	cps
Zirconium	90-1	502425	505789	502570	503594	0.38	cps
Zirconium	91-1	112389	113086	112279	112585	0.39	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-02 Instrumnet Name : P7
 Client Sample ID : P001-SS025-1218-02 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 16:38:16 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15199272	15171469	15351660	15240801	0.64	cps
Antimony	121-1	3526	3667	3626	3606	2.02	cps
Arsenic	75-2	15492	15727	15618	15612	0.75	cps
Barium	135-1	7001216	7073900	7053743	7042953	0.53	cps
Barium	137-1	12424906	12430755	12589235	12481632	0.75	cps
Beryllium	9-1	21026	20809	21082	20972	0.69	cps
Bismuth	209-1	11203421	11215366	11298452	11239080	0.46	cps
Bismuth	209-2	6070671	6119338	6021987	6070665	0.80	cps
Boron	10-1	12164	11555	11680	11800	2.72	cps
Boron	11-1	53019	52182	50519	51907	2.45	cps
Cadmium	111-1	11049	10787	11117	10985	1.59	cps
Cadmium	106-1	7836	7569	7661	7689	1.76	cps
Cadmium	108-1	958	1125	942	1008	10.05	cps
Calcium	43-1	1670968	1683103	1677429	1677167	0.36	cps
Calcium	44-1	26830400	26885866	27007268	26907845	0.34	cps
Chromium	52-2	397958	398313	398876	398382	0.12	cps
Cobalt	59-2	404153	402820	407206	404726	0.56	cps
Copper	63-2	771044	776132	775714	774297	0.36	cps
Dysprosium	156-1	314913	316742	320173	317276	0.84	cps
Dysprosium	156-2	159158	160939	160036	160045	0.56	cps
Erbium	164-1	288853	291889	291725	290822	0.59	cps
Erbium	164-2	138874	139248	139248	139123	0.16	cps
Gadolinium	160-1	301770	307051	309138	305986	1.24	cps
Gadolinium	160-2	167219	167438	167603	167420	0.11	cps
Holmium	165-1	16794499	16997708	17079771	16957326	0.87	cps
Holmium	165-2	8451380	8456274	8256280	8387978	1.36	cps
Indium	115-1	12032591	12057617	12238850	12109686	0.93	cps
Indium	115-2	2159529	2172219	2146069	2159272	0.61	cps
Iron	56-2	529384634	529274523	527031878	528563678	0.25	cps
Iron	57-2	12826024	12804331	12837007	12822454	0.13	cps
Krypton	83-1	660	667	707	678	3.72	cps
Lead	206-1	3704826	3739123	3748971	3730973	0.62	cps
Lead	207-1	3101056	3149614	3154743	3135138	0.95	cps
Lead	208-1	14529292	14668309	14686568	14628056	0.59	cps
Lithium	6-1	5637528	5663602	5664432	5655187	0.27	cps
Magnesium	24-2	9801816	9737789	9821711	9787106	0.45	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-02	Instrumnet Name :	P7
Client Sample ID :	P001-SS025-1218-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:38:16	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16663057	16680392	16693259	16678902	0.09	cps
Molybdenum	94-1	197201	197175	198181	197519	0.29	cps
Molybdenum	95-1	32187	33849	32254	32764	2.87	cps
Molybdenum	96-1	76129	75601	75676	75802	0.38	cps
Molybdenum	97-1	20466	20374	19506	20115	2.63	cps
Molybdenum	98-1	51937	51602	51896	51812	0.35	cps
Neodymium	150-1	383395	387712	385953	385687	0.56	cps
Neodymium	150-2	143551	145448	145512	144837	0.77	cps
Nickel	60-2	208066	207725	207273	207688	0.19	cps
Phosphorus	31-2	29405	28871	29655	29310	1.37	cps
Potassium	39-2	1310726	1304634	1325850	1313737	0.83	cps
Rhodium	103-1	10373208	10455041	10487454	10438568	0.56	cps
Rhodium	103-2	4638213	4682061	4565834	4628702	1.27	cps
Scandium	45-1	8734999	8752181	8821804	8769662	0.52	cps
Scandium	45-2	328703	329628	328324	328885	0.20	cps
Selenium	77-2	703	667	720	697	3.92	cps
Selenium	78-2	785	707	769	754	5.43	cps
Selenium	82-1	2154	2248	2080	2161	3.91	cps
Silicon	28-1	15919843	15942793	16030227	15964288	0.36	cps
Silver	109-1	10271	10738	10046	10351	3.41	cps
Silver	107-1	10821	11288	10988	11033	2.14	cps
Sodium	23-2	551344	551114	551707	551389	0.05	cps
Strontium	86-1	1404118	1401568	1422383	1409356	0.81	cps
Strontium	88-1	12022424	12102904	12273566	12132965	1.06	cps
Sulfur	34-1	989337	981293	983378	984669	0.42	cps
Terbium	159-1	17125580	17207043	17195552	17176058	0.26	cps
Terbium	159-2	8206318	8219536	7978918	8134924	1.66	cps
Thallium	203-1	12907	12373	13491	12924	4.33	cps
Thallium	205-1	29952	31096	31463	30837	2.56	cps
Thorium	232-1	1126774	1139266	1147690	1137910	0.92	cps
Tin	118-1	14091	13682	14141	13971	1.80	cps
Titanium	47-1	189375	190073	188025	189157	0.55	cps
Uranium	238-1	217805	217927	219101	218278	0.33	cps
Vanadium	51-2	421662	417496	423657	420938	0.75	cps
Yttrium	89-1	15705897	15869633	15959650	15845060	0.81	cps
Yttrium	89-2	2039917	2033576	2005154	2026216	0.91	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-02	Instrumnet Name :	P7
Client Sample ID :	P001-SS025-1218-02	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:38:16	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	238504	238019	239516	238680	0.32	cps
Zirconium	90-1	485842	488508	488733	487694	0.33	cps
Zirconium	91-1	109718	110583	110121	110141	0.39	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-03 Instrumnet Name : P7
 Client Sample ID : P001-SS026-0006-01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 16:41:53 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15747999	15875044	15690446	15771163	0.60	cps
Antimony	121-1	5143	4776	5043	4987	3.80	cps
Arsenic	75-2	17299	16951	17331	17194	1.23	cps
Barium	135-1	6062707	6039980	6055192	6052626	0.19	cps
Barium	137-1	10797865	10787079	10780327	10788423	0.08	cps
Beryllium	9-1	21655	22434	22222	22104	1.82	cps
Bismuth	209-1	11416414	11488678	11427636	11444243	0.34	cps
Bismuth	209-2	6154852	6497281	6894384	6515506	5.68	cps
Boron	10-1	10704	11129	10429	10754	3.28	cps
Boron	11-1	48362	47510	47743	47872	0.92	cps
Cadmium	111-1	10975	10724	11425	11041	3.22	cps
Cadmium	106-1	8069	7827	8753	8217	5.84	cps
Cadmium	108-1	1179	1254	1350	1261	6.79	cps
Calcium	43-1	1751046	1753595	1743600	1749414	0.30	cps
Calcium	44-1	28292966	28439132	28280403	28337500	0.31	cps
Chromium	52-2	402025	402130	398902	401019	0.46	cps
Cobalt	59-2	467196	466477	460357	464677	0.81	cps
Copper	63-2	858186	857413	853093	856231	0.32	cps
Dysprosium	156-1	338620	340443	341357	340140	0.41	cps
Dysprosium	156-2	169218	171881	169832	170310	0.82	cps
Erbium	164-1	317652	319233	324726	320537	1.16	cps
Erbium	164-2	153922	155203	153218	154114	0.65	cps
Gadolinium	160-1	330256	334409	336177	333614	0.91	cps
Gadolinium	160-2	181189	182743	180129	181354	0.72	cps
Holmium	165-1	17067183	17166578	17156626	17130129	0.32	cps
Holmium	165-2	8549191	8970748	9399843	8973260	4.74	cps
Indium	115-1	12279803	12249944	12191073	12240273	0.37	cps
Indium	115-2	2211112	2307831	2446898	2321947	5.10	cps
Iron	56-2	530302101	533417823	525210734	529643553	0.78	cps
Iron	57-2	12903349	12822853	12802245	12842816	0.42	cps
Krypton	83-1	660	703	750	704	6.39	cps
Lead	206-1	3698823	3689536	3716849	3701736	0.38	cps
Lead	207-1	3112076	3102967	3115014	3110019	0.20	cps
Lead	208-1	14562753	14438470	14507957	14503060	0.43	cps
Lithium	6-1	5679525	5663040	5663532	5668699	0.17	cps
Magnesium	24-2	9550499	9523785	9422801	9499028	0.71	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-03	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:41:53	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12141334	12186208	12082925	12136822	0.43	cps
Molybdenum	94-1	258796	257624	259830	258750	0.43	cps
Molybdenum	95-1	38528	38470	38879	38626	0.57	cps
Molybdenum	96-1	91442	92508	90176	91375	1.28	cps
Molybdenum	97-1	23512	24046	23503	23687	1.31	cps
Molybdenum	98-1	59450	60956	61065	60490	1.49	cps
Neodymium	150-1	397422	401732	403644	400932	0.79	cps
Neodymium	150-2	149925	149211	147623	148920	0.79	cps
Nickel	60-2	218753	217637	217643	218011	0.29	cps
Phosphorus	31-2	37172	36471	37933	37192	1.97	cps
Potassium	39-2	1286061	1290472	1276926	1284486	0.54	cps
Rhodium	103-1	10474760	10587562	10606656	10556326	0.68	cps
Rhodium	103-2	4705027	4947137	5195485	4949217	4.96	cps
Scandium	45-1	8866332	8892588	8791389	8850103	0.59	cps
Scandium	45-2	329530	346406	364240	346725	5.01	cps
Selenium	77-2	680	820	710	737	10.01	cps
Selenium	78-2	752	776	852	793	6.58	cps
Selenium	82-1	2372	2392	2254	2339	3.19	cps
Silicon	28-1	54440520	54389918	54396255	54408898	0.05	cps
Silver	109-1	7886	7702	8186	7925	3.08	cps
Silver	107-1	8720	8119	8486	8442	3.58	cps
Sodium	23-2	563193	565444	559317	562651	0.55	cps
Strontium	86-1	1304590	1312403	1321021	1312671	0.63	cps
Strontium	88-1	11344214	11404761	11406268	11385081	0.31	cps
Sulfur	34-1	940413	942250	936601	939755	0.31	cps
Terbium	159-1	17289806	17395441	17357953	17347733	0.31	cps
Terbium	159-2	8301239	8694211	9086353	8693934	4.52	cps
Thallium	203-1	11197	11122	12123	11480	4.86	cps
Thallium	205-1	28273	27488	27771	27844	1.43	cps
Thorium	232-1	1011115	1019404	1022765	1017762	0.59	cps
Tin	118-1	11772	12473	11530	11925	4.10	cps
Titanium	47-1	244138	243815	246643	244865	0.63	cps
Uranium	238-1	254935	254456	255432	254941	0.19	cps
Vanadium	51-2	434636	433758	430125	432839	0.55	cps
Yttrium	89-1	16243696	16422791	16345691	16337393	0.55	cps
Yttrium	89-2	2102811	2183996	2261491	2182766	3.64	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-03	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:41:53	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	254750	253105	252053	253303	0.54	cps
Zirconium	90-1	636387	643488	641012	640295	0.56	cps
Zirconium	91-1	142403	145357	143614	143791	1.03	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-04	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:45:31	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20420852	20225357	20147712	20264640	0.69	cps
Antimony	121-1	4518	4218	4293	4343	3.60	cps
Arsenic	75-2	22388	22274	22406	22356	0.32	cps
Barium	135-1	5721714	5790842	5859458	5790671	1.19	cps
Barium	137-1	10139408	10168884	10176028	10161440	0.19	cps
Beryllium	9-1	25644	24915	25617	25392	1.63	cps
Bismuth	209-1	10915432	10947840	10938089	10933787	0.15	cps
Bismuth	209-2	5923323	5992986	5941633	5952648	0.61	cps
Boron	10-1	11621	11446	11797	11622	1.51	cps
Boron	11-1	51288	52007	50602	51299	1.37	cps
Cadmium	111-1	11953	11557	11793	11768	1.69	cps
Cadmium	106-1	9320	8503	9012	8945	4.61	cps
Cadmium	108-1	1329	1233	1346	1303	4.66	cps
Calcium	43-1	1290889	1284123	1282191	1285735	0.36	cps
Calcium	44-1	20590263	20651100	20538353	20593239	0.27	cps
Chromium	52-2	548448	545447	542011	545302	0.59	cps
Cobalt	59-2	602945	602992	604852	603596	0.18	cps
Copper	63-2	897307	903909	890892	897369	0.73	cps
Dysprosium	156-1	359796	357289	360529	359205	0.47	cps
Dysprosium	156-2	183068	183386	182378	182944	0.28	cps
Erbium	164-1	347061	346924	352258	348748	0.87	cps
Erbium	164-2	168781	169134	168857	168924	0.11	cps
Gadolinium	160-1	354268	357022	361725	357672	1.05	cps
Gadolinium	160-2	195125	196499	196256	195960	0.37	cps
Holmium	165-1	16690607	16736895	16763799	16730434	0.22	cps
Holmium	165-2	8351012	8345275	8310049	8335446	0.27	cps
Indium	115-1	11899330	11887754	12037292	11941459	0.70	cps
Indium	115-2	2152124	2152255	2141359	2148579	0.29	cps
Iron	56-2	810047996	797030418	802808885	803295766	0.81	cps
Iron	57-2	19532624	19389905	19415648	19446059	0.39	cps
Krypton	83-1	777	843	793	804	4.31	cps
Lead	206-1	4238213	4292186	4277737	4269378	0.65	cps
Lead	207-1	3541893	3564619	3568890	3558467	0.41	cps
Lead	208-1	16572995	16660253	16654442	16629230	0.29	cps
Lithium	6-1	5649327	5639569	5644085	5644327	0.09	cps
Magnesium	24-2	13901308	13870127	13684759	13818731	0.85	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-04	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:45:31	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19064643	18987543	18859053	18970413	0.55	cps
Molybdenum	94-1	314569	317743	318513	316942	0.66	cps
Molybdenum	95-1	38812	39364	38637	38937	0.97	cps
Molybdenum	96-1	106134	109116	107510	107587	1.39	cps
Molybdenum	97-1	24372	23570	23854	23932	1.70	cps
Molybdenum	98-1	60931	60797	60412	60713	0.44	cps
Neodymium	150-1	410723	416746	414966	414145	0.75	cps
Neodymium	150-2	156494	155087	155253	155611	0.49	cps
Nickel	60-2	289982	289301	289206	289496	0.15	cps
Phosphorus	31-2	35719	35970	36245	35978	0.73	cps
Potassium	39-2	1629865	1623261	1604791	1619306	0.80	cps
Rhodium	103-1	10154978	10243541	10198724	10199081	0.43	cps
Rhodium	103-2	4531609	4553863	4561496	4548989	0.34	cps
Scandium	45-1	8797042	8797170	8849095	8814436	0.34	cps
Scandium	45-2	334027	332315	330464	332269	0.54	cps
Selenium	77-2	693	690	867	750	13.47	cps
Selenium	78-2	796	744	754	765	3.62	cps
Selenium	82-1	1731	1719	1849	1766	4.07	cps
Silicon	28-1	80513829	79401050	79487777	79800885	0.78	cps
Silver	109-1	8194	7752	7686	7878	3.51	cps
Silver	107-1	8136	8553	8461	8383	2.61	cps
Sodium	23-2	582843	578961	577464	579756	0.48	cps
Strontium	86-1	982633	982054	987591	984093	0.31	cps
Strontium	88-1	8546366	8531288	8548321	8541992	0.11	cps
Sulfur	34-1	682500	678222	670792	677172	0.87	cps
Terbium	159-1	16819076	16836700	16870946	16842240	0.16	cps
Terbium	159-2	8069859	8047407	8050979	8056082	0.15	cps
Thallium	203-1	13582	13282	12940	13268	2.42	cps
Thallium	205-1	32090	33075	31438	32201	2.56	cps
Thorium	232-1	1335385	1360402	1358996	1351594	1.04	cps
Tin	118-1	11563	11914	12006	11828	1.97	cps
Titanium	47-1	406173	414230	421952	414118	1.91	cps
Uranium	238-1	251761	252141	258498	254133	1.49	cps
Vanadium	51-2	546363	545316	544017	545232	0.22	cps
Yttrium	89-1	16085982	16111866	16136796	16111548	0.16	cps
Yttrium	89-2	2076081	2074322	2075746	2075383	0.05	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-04	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:45:31	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	408659	402851	405255	405588	0.72	cps
Zirconium	90-1	808930	809735	820361	813009	0.78	cps
Zirconium	91-1	184627	182101	182549	183092	0.74	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-05	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:49:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23798358	23730431	23692596	23740462	0.23	cps
Antimony	121-1	2509	2717	2859	2695	6.53	cps
Arsenic	75-2	20426	20548	20668	20547	0.59	cps
Barium	135-1	5220720	5230494	5234428	5228547	0.14	cps
Barium	137-1	9002657	9110938	9074362	9062653	0.61	cps
Beryllium	9-1	28967	28722	28627	28772	0.61	cps
Bismuth	209-1	10372199	10402077	10250367	10341548	0.78	cps
Bismuth	209-2	5636812	5636347	5627229	5633463	0.10	cps
Boron	10-1	13198	12764	13198	13053	1.92	cps
Boron	11-1	56423	57611	58957	57664	2.20	cps
Cadmium	111-1	10002	9973	9907	9961	0.49	cps
Cadmium	106-1	10054	10288	9979	10107	1.59	cps
Cadmium	108-1	1683	1642	1696	1674	1.69	cps
Calcium	43-1	660319	663933	656929	660393	0.53	cps
Calcium	44-1	10527137	10555755	10592280	10558391	0.31	cps
Chromium	52-2	607510	606224	609255	607663	0.25	cps
Cobalt	59-2	691562	696296	692505	693454	0.36	cps
Copper	63-2	832275	838186	838456	836306	0.42	cps
Dysprosium	156-1	433589	437657	437603	436283	0.53	cps
Dysprosium	156-2	216853	220007	218837	218566	0.73	cps
Erbium	164-1	418200	416793	420075	418356	0.39	cps
Erbium	164-2	198989	198876	200038	199301	0.32	cps
Gadolinium	160-1	416650	421346	420793	419596	0.61	cps
Gadolinium	160-2	224890	225871	223452	224738	0.54	cps
Holmium	165-1	16180703	16044576	15914452	16046577	0.83	cps
Holmium	165-2	7962189	7979625	7959929	7967248	0.14	cps
Indium	115-1	11418377	11371851	11293292	11361174	0.56	cps
Indium	115-2	2039490	2054982	2047883	2047452	0.38	cps
Iron	56-2	923009954	915461909	913823976	917431946	0.53	cps
Iron	57-2	22254323	22336344	22297501	22296056	0.18	cps
Krypton	83-1	843	967	950	920	7.27	cps
Lead	206-1	3026197	3038297	3032010	3032168	0.20	cps
Lead	207-1	2527815	2526913	2546727	2533818	0.44	cps
Lead	208-1	11852208	11831898	11849864	11844657	0.09	cps
Lithium	6-1	5492503	5442606	5413119	5449410	0.74	cps
Magnesium	24-2	16456219	16456339	16367983	16426847	0.31	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-05	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:49:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26951054	26888706	26820712	26886824	0.24	cps
Molybdenum	94-1	418746	423467	422519	421577	0.59	cps
Molybdenum	95-1	26709	26542	26417	26556	0.55	cps
Molybdenum	96-1	117556	115732	115666	116318	0.92	cps
Molybdenum	97-1	16469	16101	16619	16396	1.62	cps
Molybdenum	98-1	41361	40835	40851	41016	0.73	cps
Neodymium	150-1	522234	527093	527918	525748	0.58	cps
Neodymium	150-2	196815	197278	195925	196673	0.35	cps
Nickel	60-2	328840	330411	330963	330071	0.33	cps
Phosphorus	31-2	29747	29714	29714	29725	0.07	cps
Potassium	39-2	1730889	1726402	1719750	1725681	0.32	cps
Rhodium	103-1	9734233	9594489	9559153	9629292	0.96	cps
Rhodium	103-2	4319732	4331655	4317742	4323043	0.17	cps
Scandium	45-1	8586406	8562217	8519016	8555880	0.40	cps
Scandium	45-2	324154	322540	321718	322804	0.38	cps
Selenium	77-2	947	950	780	892	10.90	cps
Selenium	78-2	815	744	711	757	7.00	cps
Selenium	82-1	1464	1179	1229	1291	11.79	cps
Silicon	28-1	84006156	83096929	83219094	83440726	0.59	cps
Silver	109-1	6360	6652	7035	6682	5.07	cps
Silver	107-1	7844	7702	7752	7766	0.93	cps
Sodium	23-2	459470	457093	454894	457152	0.50	cps
Strontium	86-1	540069	534903	540429	538467	0.57	cps
Strontium	88-1	4721391	4678825	4703762	4701326	0.45	cps
Sulfur	34-1	393994	395807	393745	394515	0.29	cps
Terbium	159-1	16235954	16255072	16002481	16164502	0.87	cps
Terbium	159-2	7670267	7739617	7711678	7707187	0.45	cps
Thallium	203-1	16636	15852	15585	16024	3.41	cps
Thallium	205-1	40655	40413	38749	39939	2.60	cps
Thorium	232-1	1986661	1965736	1958734	1970377	0.74	cps
Tin	118-1	8978	8595	9662	9078	5.96	cps
Titanium	47-1	454127	447680	449423	450410	0.74	cps
Uranium	238-1	222961	222133	223282	222792	0.27	cps
Vanadium	51-2	560850	561282	563582	561904	0.26	cps
Yttrium	89-1	16595860	16535274	16457780	16529638	0.42	cps
Yttrium	89-2	2121419	2123851	2126174	2123815	0.11	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-05	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 16:49:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	414710	416191	414829	415243	0.20	cps
Zirconium	90-1	1113765	1103251	1108115	1108377	0.47	cps
Zirconium	91-1	247268	248614	246862	247581	0.37	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:09:57	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7262367	7285178	7305034	7284193	0.29	cps
Antimony	121-1	5705984	5780182	5768642	5751603	0.69	cps
Arsenic	75-2	176958	177724	179187	177956	0.64	cps
Barium	135-1	7777943	7772743	7766423	7772369	0.07	cps
Barium	137-1	13715488	13799526	13757990	13757668	0.31	cps
Beryllium	9-1	1850947	1864527	1871405	1862293	0.56	cps
Bismuth	209-1	9915147	9931392	9917105	9921215	0.09	cps
Bismuth	209-2	5250451	5285026	5319353	5284943	0.65	cps
Boron	10-1	380271	386463	393581	386772	1.72	cps
Boron	11-1	1710994	1745979	1777099	1744691	1.90	cps
Cadmium	111-1	1833062	1875881	1884744	1864562	1.48	cps
Cadmium	106-1	200077	203526	204760	202788	1.20	cps
Cadmium	108-1	136844	137017	140664	138175	1.56	cps
Calcium	43-1	10666068	10695232	10668894	10676731	0.15	cps
Calcium	44-1	172497808	174058825	172898283	173151639	0.47	cps
Chromium	52-2	1736303	1751986	1769415	1752568	0.95	cps
Cobalt	59-2	2721953	2740830	2752934	2738572	0.57	cps
Copper	63-2	3856603	3901744	3899329	3885892	0.65	cps
Dysprosium	156-1	217	233	192	214	9.81	cps
Dysprosium	156-2	177	193	187	186	4.52	cps
Erbium	164-1	108	75	133	106	27.73	cps
Erbium	164-2	33	20	43	32	36.33	cps
Gadolinium	160-1	142	150	117	136	12.75	cps
Gadolinium	160-2	227	300	267	264	13.89	cps
Holmium	165-1	16060366	16087531	16062028	16069975	0.09	cps
Holmium	165-2	7868179	7842398	7948380	7886319	0.70	cps
Indium	115-1	11027148	11037375	11066324	11043616	0.18	cps
Indium	115-2	1973762	1988179	2000539	1987493	0.67	cps
Iron	56-2	371538597	374509308	376294008	374113971	0.64	cps
Iron	57-2	9117368	9161883	9173224	9150825	0.32	cps
Krypton	83-1	367	430	357	384	10.34	cps
Lead	206-1	5776557	5852067	5876387	5835004	0.89	cps
Lead	207-1	5182355	5316555	5331158	5276690	1.55	cps
Lead	208-1	23453668	23789440	23717653	23653587	0.75	cps
Lithium	6-1	5109499	5086253	5098093	5097949	0.23	cps
Magnesium	24-2	82300737	82585660	82994012	82626803	0.42	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:09:57	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2147846	2167470	2180072	2165129	0.75	cps
Molybdenum	94-1	12539096	12426097	12452756	12472650	0.47	cps
Molybdenum	95-1	15206950	15137166	15303661	15215926	0.55	cps
Molybdenum	96-1	16918882	16840292	17012501	16923892	0.51	cps
Molybdenum	97-1	9440966	9457484	9467415	9455288	0.14	cps
Molybdenum	98-1	24358294	24467035	24447290	24424206	0.24	cps
Neodymium	150-1	747	833	673	751	10.66	cps
Neodymium	150-2	97	97	107	100	5.77	cps
Nickel	60-2	693171	699713	699555	697480	0.54	cps
Phosphorus	31-2	68642	69077	69848	69189	0.88	cps
Potassium	39-2	32898358	32967650	33301035	33055681	0.65	cps
Rhodium	103-1	9149548	9177201	9211745	9179498	0.34	cps
Rhodium	103-2	4087180	4101848	4127100	4105376	0.49	cps
Scandium	45-1	7589953	7613866	7635188	7613002	0.30	cps
Scandium	45-2	294855	299324	298508	297562	0.80	cps
Selenium	77-2	5144	5041	5191	5125	1.50	cps
Selenium	78-2	17014	17110	17392	17172	1.14	cps
Selenium	82-1	127518	128319	127917	127918	0.31	cps
Silicon	28-1	4889686	4916235	4970814	4925578	0.84	cps
Silver	109-1	7277683	7296242	7404053	7325992	0.93	cps
Silver	107-1	7601305	7593149	7659830	7618095	0.48	cps
Sodium	23-2	148337907	148821632	149884345	149014628	0.53	cps
Strontium	86-1	2117114	2149882	2127384	2131460	0.79	cps
Strontium	88-1	18505514	18503294	18310287	18439698	0.61	cps
Sulfur	34-1	1012594	1025531	1025851	1021326	0.74	cps
Terbium	159-1	16198081	16167966	16223501	16196516	0.17	cps
Terbium	159-2	7574550	7606653	7610402	7597202	0.26	cps
Thallium	203-1	7159962	7197372	7156846	7171393	0.31	cps
Thallium	205-1	17205924	17186268	17264502	17218898	0.24	cps
Thorium	232-1	27448050	27519250	27232424	27399908	0.55	cps
Tin	118-1	5431893	5509150	5485967	5475670	0.72	cps
Titanium	47-1	4623752	4680550	4715447	4673250	0.99	cps
Uranium	238-1	26677300	26697052	26437366	26603906	0.54	cps
Vanadium	51-2	1384355	1395292	1394924	1391524	0.45	cps
Yttrium	89-1	11534051	11567336	11551283	11550890	0.14	cps
Yttrium	89-2	1495370	1510460	1511580	1505803	0.60	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P7
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:09:57	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	650656	652266	653102	652008	0.19	cps
Zirconium	90-1	10458165	10517904	10556841	10510970	0.47	cps
Zirconium	91-1	2336870	2359464	2372507	2356280	0.77	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:15:48	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	308	317	322	5.38	cps
Antimony	121-1	1408	1450	1383	1414	2.38	cps
Arsenic	75-2	22	20	24	22	8.33	cps
Barium	135-1	442	467	433	447	3.88	cps
Barium	137-1	825	825	667	772	11.84	cps
Beryllium	9-1	378	350	256	328	19.55	cps
Bismuth	209-1	12025161	12248703	12188872	12154245	0.95	cps
Bismuth	209-2	6774205	6829720	6820826	6808250	0.44	cps
Boron	10-1	10888	10137	10179	10401	4.05	cps
Boron	11-1	48144	45478	45026	46216	3.65	cps
Cadmium	111-1	3105	3364	3106	3192	4.69	cps
Cadmium	106-1	4226	4626	4268	4373	5.03	cps
Cadmium	108-1	4	46	33	28	76.96	cps
Calcium	43-1	642	600	483	575	14.27	cps
Calcium	44-1	10054	10829	10304	10396	3.81	cps
Chromium	52-2	1197	1193	1120	1170	3.70	cps
Cobalt	59-2	177	140	120	146	19.75	cps
Copper	63-2	410	370	437	406	8.27	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	50	83	42	58	37.80	cps
Erbium	164-2	20	20	27	22	17.33	cps
Gadolinium	160-1	75	33	92	67	45.07	cps
Gadolinium	160-2	253	257	273	261	4.10	cps
Holmium	165-1	16734858	17063476	16993357	16930564	1.02	cps
Holmium	165-2	8624771	8621226	8547009	8597668	0.51	cps
Indium	115-1	12872168	13057830	13061340	12997113	0.83	cps
Indium	115-2	2328502	2348485	2371425	2349471	0.91	cps
Iron	56-2	19074	18696	18000	18590	2.93	cps
Iron	57-2	500	522	478	500	4.44	cps
Krypton	83-1	377	363	430	390	9.04	cps
Lead	206-1	1522	1417	1311	1417	7.45	cps
Lead	207-1	1372	1217	1167	1252	8.56	cps
Lead	208-1	5784	5534	5367	5562	3.77	cps
Lithium	6-1	5767084	5845413	5810120	5807539	0.68	cps
Magnesium	24-2	3284	3251	3459	3331	3.36	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:15:48	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	207	200	140	182	20.15	cps
Molybdenum	94-1	1608	1450	1800	1620	10.82	cps
Molybdenum	95-1	2034	2192	1617	1947	15.25	cps
Molybdenum	96-1	2200	2075	1725	2000	12.31	cps
Molybdenum	97-1	1283	1100	1142	1175	8.18	cps
Molybdenum	98-1	3376	2809	2759	2981	11.49	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	113	77	88	25.29	cps
Phosphorus	31-2	108	83	83	92	15.74	cps
Potassium	39-2	15334	15384	15067	15261	1.12	cps
Rhodium	103-1	11537048	11687452	11664972	11629824	0.70	cps
Rhodium	103-2	5158216	5206757	5232882	5199285	0.73	cps
Scandium	45-1	8550721	8706828	8680843	8646131	0.97	cps
Scandium	45-2	327037	331698	331968	330234	0.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	61	43	74	59	26.70	cps
Selenium	82-1	30	51	-26	18	220.01	cps
Silicon	28-1	257447	263230	257473	259383	1.28	cps
Silver	109-1	650	908	700	753	18.20	cps
Silver	107-1	850	950	775	858	10.23	cps
Sodium	23-2	25681	25264	25422	25456	0.83	cps
Strontium	86-1	650	708	667	675	4.45	cps
Strontium	88-1	917	1017	933	956	5.61	cps
Sulfur	34-1	255862	257794	256360	256672	0.39	cps
Terbium	159-1	17044280	17202568	17188424	17145091	0.51	cps
Terbium	159-2	8296305	8354168	8337721	8329398	0.36	cps
Thallium	203-1	1517	1534	1258	1436	10.74	cps
Thallium	205-1	3167	3426	3217	3270	4.19	cps
Thorium	232-1	2628	2639	2639	2636	0.24	cps
Tin	118-1	1317	1367	1150	1278	8.88	cps
Titanium	47-1	308	233	300	281	14.65	cps
Uranium	238-1	983	1092	900	992	9.69	cps
Vanadium	51-2	50	37	37	41	18.72	cps
Yttrium	89-1	12926312	13035476	13097758	13019849	0.67	cps
Yttrium	89-2	1678465	1684369	1697840	1686891	0.59	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P7
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:15:48	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	353	253	350	319	17.81	cps
Zirconium	90-1	1533	1508	1542	1528	1.14	cps
Zirconium	91-1	350	392	275	339	17.45	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-06	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:19:22	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23755313	23605176	23588130	23649539	0.39	cps
Antimony	121-1	1659	1667	1600	1642	2.21	cps
Arsenic	75-2	14782	14507	14817	14702	1.15	cps
Barium	135-1	6346334	6304845	6359540	6336906	0.45	cps
Barium	137-1	11284513	11128383	11338221	11250372	0.97	cps
Beryllium	9-1	32034	31422	30854	31437	1.88	cps
Bismuth	209-1	10824530	11067144	10781395	10891023	1.41	cps
Bismuth	209-2	5819745	5840656	5904479	5854960	0.75	cps
Boron	10-1	12180	11547	12222	11983	3.16	cps
Boron	11-1	54223	54282	52676	53727	1.70	cps
Cadmium	111-1	7084	6939	6739	6921	2.50	cps
Cadmium	106-1	7903	7869	7527	7766	2.67	cps
Cadmium	108-1	1146	1142	983	1090	8.50	cps
Calcium	43-1	434395	439422	428937	434251	1.21	cps
Calcium	44-1	7025895	6961007	6928820	6971908	0.71	cps
Chromium	52-2	552428	547049	554557	551345	0.70	cps
Cobalt	59-2	651903	651205	649488	650865	0.19	cps
Copper	63-2	464056	464585	465219	464620	0.13	cps
Dysprosium	156-1	263073	262509	261414	262332	0.32	cps
Dysprosium	156-2	130902	130846	131782	131177	0.40	cps
Erbium	164-1	227570	225277	229240	227362	0.87	cps
Erbium	164-2	107958	108705	108999	108554	0.49	cps
Gadolinium	160-1	242836	246444	243446	244242	0.79	cps
Gadolinium	160-2	130534	130086	131977	130866	0.76	cps
Holmium	165-1	16835243	17061722	16571983	16822982	1.46	cps
Holmium	165-2	8281325	8243706	8391791	8305607	0.93	cps
Indium	115-1	12155825	12341533	12076412	12191257	1.12	cps
Indium	115-2	2175054	2165261	2209676	2183330	1.07	cps
Iron	56-2	969997666	967217199	971979355	969731407	0.25	cps
Iron	57-2	23511468	23624607	23653546	23596541	0.32	cps
Krypton	83-1	657	733	677	689	5.77	cps
Lead	206-1	2259675	2289296	2279212	2276061	0.66	cps
Lead	207-1	1886739	1892166	1902416	1893774	0.42	cps
Lead	208-1	8804021	8868190	8912811	8861674	0.62	cps
Lithium	6-1	5866936	5871882	5747334	5828717	1.21	cps
Magnesium	24-2	13901428	13855427	13917508	13891454	0.23	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-06	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:19:22	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	28087319	27934150	28259475	28093648	0.58	cps
Molybdenum	94-1	269252	267552	266001	267602	0.61	cps
Molybdenum	95-1	20983	19789	19414	20062	4.08	cps
Molybdenum	96-1	83864	84661	84282	84269	0.47	cps
Molybdenum	97-1	11722	11839	11847	11803	0.59	cps
Molybdenum	98-1	30000	29782	29231	29671	1.34	cps
Neodymium	150-1	340925	340005	337883	339604	0.46	cps
Neodymium	150-2	125784	126484	126716	126328	0.38	cps
Nickel	60-2	289258	287249	286338	287615	0.52	cps
Phosphorus	31-2	42537	41743	41985	42088	0.97	cps
Potassium	39-2	1327337	1321627	1330503	1326489	0.34	cps
Rhodium	103-1	10443989	10539237	10283487	10422238	1.24	cps
Rhodium	103-2	4592620	4586957	4642855	4607477	0.67	cps
Scandium	45-1	8908096	9002969	8769159	8893408	1.32	cps
Scandium	45-2	331788	331973	338148	333970	1.08	cps
Selenium	77-2	603	503	530	546	9.49	cps
Selenium	78-2	480	548	576	535	9.27	cps
Selenium	82-1	768	725	727	740	3.29	cps
Silicon	28-1	30756947	30441890	30466137	30554991	0.57	cps
Silver	109-1	9604	9453	10054	9704	3.22	cps
Silver	107-1	10688	10671	10629	10663	0.28	cps
Sodium	23-2	484183	482178	483383	483248	0.21	cps
Strontium	86-1	372815	368034	373411	371420	0.79	cps
Strontium	88-1	3232633	3195965	3191293	3206630	0.71	cps
Sulfur	34-1	326592	318947	313237	319592	2.10	cps
Terbium	159-1	16956592	17247948	16756368	16986969	1.46	cps
Terbium	159-2	8007247	7993369	8161105	8053907	1.16	cps
Thallium	203-1	16319	16427	16227	16325	0.61	cps
Thallium	205-1	38816	39100	39435	39117	0.79	cps
Thorium	232-1	1601157	1604651	1613242	1606350	0.39	cps
Tin	118-1	7077	6885	6644	6869	3.16	cps
Titanium	47-1	207887	204482	204034	205467	1.03	cps
Uranium	238-1	156904	158824	160261	158663	1.06	cps
Vanadium	51-2	604480	601084	605558	603707	0.39	cps
Yttrium	89-1	15246656	15361414	15023142	15210404	1.13	cps
Yttrium	89-2	1948981	1931012	1967194	1949062	0.93	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-06	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:19:22	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	378168	380375	381597	380046	0.46	cps
Zirconium	90-1	703676	696404	694236	698105	0.71	cps
Zirconium	91-1	158080	154467	156742	156429	1.17	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-08	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:22:58	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10991908	11086192	10997117	11025072	0.48	cps
Antimony	121-1	10796	11097	10896	10930	1.40	cps
Arsenic	75-2	10319	10634	10330	10427	1.71	cps
Barium	135-1	7486849	7720662	7745163	7650891	1.86	cps
Barium	137-1	13353539	13611692	13690368	13551867	1.30	cps
Beryllium	9-1	16837	16482	16799	16706	1.17	cps
Bismuth	209-1	11353076	11666029	11692632	11570579	1.63	cps
Bismuth	209-2	6291782	6368327	6362151	6340753	0.67	cps
Boron	10-1	16084	16293	16359	16245	0.88	cps
Boron	11-1	67534	70699	70749	69661	2.64	cps
Cadmium	111-1	16748	16724	17015	16829	0.96	cps
Cadmium	106-1	7928	8203	7936	8022	1.95	cps
Cadmium	108-1	1325	1313	1375	1338	2.47	cps
Calcium	43-1	969531	991747	994257	985178	1.38	cps
Calcium	44-1	15615787	15932149	16033277	15860404	1.37	cps
Chromium	52-2	286115	287230	286605	286650	0.19	cps
Cobalt	59-2	215846	217764	216554	216721	0.45	cps
Copper	63-2	1035820	1044596	1043172	1041196	0.45	cps
Dysprosium	156-1	275704	280471	283611	279929	1.42	cps
Dysprosium	156-2	145547	145780	147922	146417	0.89	cps
Erbium	164-1	267172	273609	272498	271093	1.27	cps
Erbium	164-2	134022	134143	135210	134459	0.49	cps
Gadolinium	160-1	276291	284694	285020	282002	1.75	cps
Gadolinium	160-2	158355	158607	156696	157886	0.66	cps
Holmium	165-1	17052888	17373022	17484642	17303517	1.30	cps
Holmium	165-2	8719366	8731016	8754870	8735084	0.21	cps
Indium	115-1	12423529	12730768	12771883	12642060	1.51	cps
Indium	115-2	2289859	2298133	2277666	2288553	0.45	cps
Iron	56-2	365119664	366282908	360402086	363934886	0.86	cps
Iron	57-2	8876953	8854127	8813343	8848141	0.36	cps
Krypton	83-1	683	697	753	711	5.23	cps
Lead	206-1	4355502	4453840	4443580	4417640	1.22	cps
Lead	207-1	3611074	3712174	3727798	3683682	1.72	cps
Lead	208-1	16881946	17296757	17357140	17178614	1.51	cps
Lithium	6-1	5604645	5723561	5732414	5686873	1.25	cps
Magnesium	24-2	3609267	3649012	3626121	3628133	0.55	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-08	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:22:58	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9646183	9666434	9622117	9644912	0.23	cps
Molybdenum	94-1	182203	186307	184426	184312	1.11	cps
Molybdenum	95-1	44771	45532	46067	45457	1.43	cps
Molybdenum	96-1	82799	82689	83780	83090	0.72	cps
Molybdenum	97-1	28613	28730	28387	28577	0.61	cps
Molybdenum	98-1	71630	73046	73817	72831	1.52	cps
Neodymium	150-1	301882	309999	313327	308402	1.91	cps
Neodymium	150-2	117451	119459	117109	118006	1.08	cps
Nickel	60-2	130114	131550	129600	130422	0.77	cps
Phosphorus	31-2	65017	66817	65402	65745	1.44	cps
Potassium	39-2	1309343	1322206	1304270	1311940	0.70	cps
Rhodium	103-1	10731420	11016097	11009508	10919008	1.49	cps
Rhodium	103-2	4920801	4953295	4948668	4940921	0.36	cps
Scandium	45-1	8818394	9013233	9123365	8984998	1.72	cps
Scandium	45-2	336480	337050	339105	337545	0.41	cps
Selenium	77-2	630	660	763	684	10.22	cps
Selenium	78-2	1041	972	954	989	4.64	cps
Selenium	82-1	3772	3837	3803	3804	0.86	cps
Silicon	28-1	17208656	17267729	17198277	17224887	0.22	cps
Silver	109-1	14683	15167	14675	14842	1.90	cps
Silver	107-1	15793	15384	15593	15590	1.31	cps
Sodium	23-2	205690	205066	206680	205812	0.40	cps
Strontium	86-1	794430	801853	801362	799215	0.52	cps
Strontium	88-1	6815064	6936685	6974250	6908666	1.20	cps
Sulfur	34-1	1710342	1748129	1745028	1734500	1.21	cps
Terbium	159-1	17211416	17599227	17681195	17497280	1.43	cps
Terbium	159-2	8529868	8462432	8447175	8479825	0.52	cps
Thallium	203-1	10396	10872	10480	10582	2.40	cps
Thallium	205-1	24598	25083	25843	25175	2.49	cps
Thorium	232-1	627414	638387	646649	637483	1.51	cps
Tin	118-1	21801	21976	21859	21879	0.41	cps
Titanium	47-1	353989	360469	362367	358942	1.22	cps
Uranium	238-1	248630	253206	251865	251234	0.94	cps
Vanadium	51-2	318576	323466	319982	320675	0.79	cps
Yttrium	89-1	15951869	16409488	16459968	16273775	1.72	cps
Yttrium	89-2	2110044	2116216	2126889	2117717	0.40	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-08	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:22:58	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	199364	199835	199672	199624	0.12	cps
Zirconium	90-1	427633	434490	439049	433724	1.32	cps
Zirconium	91-1	96357	95745	98420	96841	1.45	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-09	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:26:35	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14224219	14221313	14210520	14218684	0.05	cps
Antimony	121-1	6894	7286	6944	7041	3.03	cps
Arsenic	75-2	15955	15809	15508	15757	1.45	cps
Barium	135-1	7786154	7789122	7747751	7774342	0.30	cps
Barium	137-1	13666884	13853593	13754935	13758470	0.68	cps
Beryllium	9-1	23385	22712	22456	22851	2.10	cps
Bismuth	209-1	11298104	11205019	11255592	11252905	0.41	cps
Bismuth	209-2	6191194	6208639	6098699	6166178	0.96	cps
Boron	10-1	13173	13198	13173	13181	0.11	cps
Boron	11-1	58021	59376	59049	58815	1.20	cps
Cadmium	111-1	17833	17601	17231	17555	1.73	cps
Cadmium	106-1	8920	8661	8036	8539	5.32	cps
Cadmium	108-1	1596	1442	1667	1568	7.34	cps
Calcium	43-1	658670	657257	657432	657787	0.12	cps
Calcium	44-1	10615676	10612470	10644338	10624161	0.17	cps
Chromium	52-2	365504	365664	365331	365500	0.05	cps
Cobalt	59-2	315239	317786	317142	316722	0.42	cps
Copper	63-2	1166272	1172645	1164981	1167966	0.35	cps
Dysprosium	156-1	391515	393926	395357	393599	0.49	cps
Dysprosium	156-2	201116	200618	198852	200195	0.59	cps
Erbium	164-1	389617	381818	382391	384609	1.13	cps
Erbium	164-2	184702	183503	182302	183502	0.65	cps
Gadolinium	160-1	396866	398083	399453	398134	0.33	cps
Gadolinium	160-2	217734	216182	215512	216476	0.53	cps
Holmium	165-1	17050148	17138002	17238943	17142365	0.55	cps
Holmium	165-2	8668160	8654139	8473223	8598507	1.26	cps
Indium	115-1	12387836	12379701	12374903	12380813	0.05	cps
Indium	115-2	2251921	2256510	2219453	2242628	0.90	cps
Iron	56-2	468811144	462975110	466107477	465964577	0.63	cps
Iron	57-2	11336792	11319486	11354921	11337066	0.16	cps
Krypton	83-1	937	900	927	921	2.06	cps
Lead	206-1	3777806	3811738	3796842	3795462	0.45	cps
Lead	207-1	3139029	3157171	3190992	3162397	0.83	cps
Lead	208-1	14722158	14741182	14800159	14754500	0.28	cps
Lithium	6-1	5667213	5635851	5641919	5648327	0.29	cps
Magnesium	24-2	5278671	5289331	5257882	5275295	0.30	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-09	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:26:35	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12723879	12624686	12617217	12655261	0.47	cps
Molybdenum	94-1	245850	248882	248088	247606	0.64	cps
Molybdenum	95-1	49186	50365	48559	49370	1.86	cps
Molybdenum	96-1	97347	98599	99504	98484	1.10	cps
Molybdenum	97-1	29532	30216	29999	29916	1.17	cps
Molybdenum	98-1	76355	76313	76975	76547	0.48	cps
Neodymium	150-1	424140	421540	426696	424125	0.61	cps
Neodymium	150-2	159163	161037	159635	159945	0.61	cps
Nickel	60-2	164953	165434	163864	164750	0.49	cps
Phosphorus	31-2	51573	52158	53706	52479	2.10	cps
Potassium	39-2	1331862	1330731	1336403	1332999	0.23	cps
Rhodium	103-1	10641594	10674241	10686426	10667420	0.22	cps
Rhodium	103-2	4794435	4836623	4723383	4784814	1.20	cps
Scandium	45-1	9074621	9129474	9058856	9087651	0.41	cps
Scandium	45-2	344129	346533	340368	343677	0.90	cps
Selenium	77-2	953	893	857	901	5.42	cps
Selenium	78-2	1193	1130	1015	1112	8.10	cps
Selenium	82-1	3846	3722	3711	3759	1.99	cps
Silicon	28-1	18703609	18664925	18581271	18649935	0.34	cps
Silver	109-1	13657	14124	14533	14105	3.11	cps
Silver	107-1	14024	14516	14716	14419	2.47	cps
Sodium	23-2	204407	206393	206596	205799	0.59	cps
Strontium	86-1	631063	635486	636339	634296	0.45	cps
Strontium	88-1	5461645	5480824	5526310	5489593	0.60	cps
Sulfur	34-1	1546307	1552243	1545043	1547865	0.25	cps
Terbium	159-1	17304597	17337339	17308841	17316926	0.10	cps
Terbium	159-2	8334432	8368194	8180157	8294261	1.21	cps
Thallium	203-1	11522	11497	11864	11628	1.76	cps
Thallium	205-1	28615	28674	28799	28696	0.33	cps
Thorium	232-1	1132160	1126501	1128905	1129189	0.25	cps
Tin	118-1	14808	14208	14124	14380	2.60	cps
Titanium	47-1	408606	410620	407361	408862	0.40	cps
Uranium	238-1	313308	321886	323025	319407	1.66	cps
Vanadium	51-2	444718	443975	443607	444100	0.13	cps
Yttrium	89-1	17208435	17389121	17339070	17312208	0.54	cps
Yttrium	89-2	2252782	2252391	2216910	2240694	0.92	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-09	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:26:35	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	217490	216366	216957	216938	0.26	cps
Zirconium	90-1	600988	599585	604298	601624	0.40	cps
Zirconium	91-1	134612	134233	134039	134294	0.22	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-10	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:30:11	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13210821	13050467	13038199	13099829	0.74	cps
Antimony	121-1	8828	8753	8995	8859	1.40	cps
Arsenic	75-2	12667	12620	12732	12673	0.44	cps
Barium	135-1	7699418	7720087	7641690	7687065	0.53	cps
Barium	137-1	13585276	13633183	13559689	13592716	0.27	cps
Beryllium	9-1	21121	20670	20147	20646	2.36	cps
Bismuth	209-1	11257738	11385120	11425059	11355972	0.77	cps
Bismuth	209-2	6175072	6226986	6237238	6213099	0.54	cps
Boron	10-1	13898	13181	13790	13623	2.84	cps
Boron	11-1	60622	60573	60413	60536	0.18	cps
Cadmium	111-1	16201	16023	16116	16113	0.55	cps
Cadmium	106-1	8586	8912	8778	8759	1.87	cps
Cadmium	108-1	1383	1533	1613	1510	7.71	cps
Calcium	43-1	976066	980096	971972	976045	0.42	cps
Calcium	44-1	15516230	15669121	15574114	15586489	0.50	cps
Chromium	52-2	333987	335083	334907	334659	0.18	cps
Cobalt	59-2	301734	303731	303522	302996	0.36	cps
Copper	63-2	965963	965471	955382	962272	0.62	cps
Dysprosium	156-1	302584	304672	299500	302252	0.86	cps
Dysprosium	156-2	152519	153270	152391	152727	0.31	cps
Erbium	164-1	297725	295784	294610	296040	0.53	cps
Erbium	164-2	140768	142547	141042	141452	0.68	cps
Gadolinium	160-1	303399	303274	298653	301775	0.90	cps
Gadolinium	160-2	165259	163984	162366	163869	0.88	cps
Holmium	165-1	17168993	17222421	17336294	17242569	0.50	cps
Holmium	165-2	8623917	8622516	8581502	8609312	0.28	cps
Indium	115-1	12371019	12450968	12486895	12436294	0.48	cps
Indium	115-2	2250505	2238375	2248469	2245783	0.29	cps
Iron	56-2	432696099	431531810	431523432	431917113	0.16	cps
Iron	57-2	10541283	10445421	10476112	10487606	0.47	cps
Krypton	83-1	840	720	690	750	10.58	cps
Lead	206-1	3133903	3123115	3117626	3124881	0.27	cps
Lead	207-1	2597359	2580797	2613377	2597178	0.63	cps
Lead	208-1	12129815	12145027	12196894	12157245	0.29	cps
Lithium	6-1	5648062	5669990	5675395	5664482	0.26	cps
Magnesium	24-2	6080854	6020642	5987816	6029771	0.78	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-10	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:30:11	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13221169	13214493	13169941	13201867	0.21	cps
Molybdenum	94-1	255089	257299	253555	255314	0.74	cps
Molybdenum	95-1	41495	42415	41478	41796	1.28	cps
Molybdenum	96-1	93348	94110	92616	93358	0.80	cps
Molybdenum	97-1	25833	25666	26384	25961	1.45	cps
Molybdenum	98-1	66096	65643	65217	65652	0.67	cps
Neodymium	150-1	324692	326061	321766	324173	0.68	cps
Neodymium	150-2	120786	120665	120854	120768	0.08	cps
Nickel	60-2	160813	161858	160629	161100	0.41	cps
Phosphorus	31-2	52987	52870	51314	52390	1.78	cps
Potassium	39-2	1211617	1202699	1216879	1210398	0.59	cps
Rhodium	103-1	10706526	10746775	10807070	10753457	0.47	cps
Rhodium	103-2	4802038	4857496	4832480	4830671	0.57	cps
Scandium	45-1	8837835	8867842	8873523	8859733	0.22	cps
Scandium	45-2	331502	332811	334436	332917	0.44	cps
Selenium	77-2	573	640	737	650	12.63	cps
Selenium	78-2	915	844	889	883	4.03	cps
Selenium	82-1	3077	3181	3260	3172	2.90	cps
Silicon	28-1	39711058	39546953	39321579	39526530	0.49	cps
Silver	109-1	11197	11438	11380	11338	1.11	cps
Silver	107-1	12064	11705	11755	11842	1.64	cps
Sodium	23-2	247837	246146	246458	246814	0.36	cps
Strontium	86-1	817673	812256	823205	817712	0.67	cps
Strontium	88-1	6993822	7018327	6981059	6997736	0.27	cps
Sulfur	34-1	1405000	1399016	1390315	1398111	0.53	cps
Terbium	159-1	17314760	17384902	17261967	17320543	0.36	cps
Terbium	159-2	8364256	8333522	8250578	8316119	0.71	cps
Thallium	203-1	9754	9721	10421	9965	3.97	cps
Thallium	205-1	24098	24891	24407	24465	1.63	cps
Thorium	232-1	693784	703919	693270	696991	0.86	cps
Tin	118-1	17445	17795	17253	17498	1.57	cps
Titanium	47-1	419350	416621	418905	418292	0.35	cps
Uranium	238-1	238467	239258	239668	239131	0.26	cps
Vanadium	51-2	353453	352916	355365	353911	0.36	cps
Yttrium	89-1	16359546	16485675	16379109	16408110	0.41	cps
Yttrium	89-2	2111943	2121533	2117377	2116951	0.23	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-10	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:30:11	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	231597	231660	232115	231791	0.12	cps
Zirconium	90-1	643242	645761	634290	641098	0.94	cps
Zirconium	91-1	142872	141938	141798	142203	0.41	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-11	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:33:48	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18026118	18120039	18088040	18078066	0.26	cps
Antimony	121-1	6410	6285	6010	6235	3.28	cps
Arsenic	75-2	17429	17718	17785	17644	1.07	cps
Barium	135-1	6982447	7054807	6994941	7010732	0.55	cps
Barium	137-1	12309709	12441627	12364471	12371936	0.54	cps
Beryllium	9-1	23908	24209	23752	23956	0.97	cps
Bismuth	209-1	10948174	11154384	11032935	11045165	0.94	cps
Bismuth	209-2	5976735	6100028	6040104	6038956	1.02	cps
Boron	10-1	12264	11830	12072	12055	1.80	cps
Boron	11-1	51012	54273	53320	52868	3.17	cps
Cadmium	111-1	13269	13350	12966	13195	1.54	cps
Cadmium	106-1	9037	8845	8661	8848	2.12	cps
Cadmium	108-1	1679	1575	1738	1664	4.95	cps
Calcium	43-1	600806	605499	601463	602589	0.42	cps
Calcium	44-1	9664749	9666650	9684050	9671816	0.11	cps
Chromium	52-2	460546	463488	460298	461444	0.38	cps
Cobalt	59-2	491684	493378	492638	492566	0.17	cps
Copper	63-2	981689	993255	980936	985293	0.70	cps
Dysprosium	156-1	332209	336890	333110	334070	0.74	cps
Dysprosium	156-2	167992	170453	167723	168723	0.89	cps
Erbium	164-1	321612	328996	325935	325514	1.14	cps
Erbium	164-2	157117	155995	156361	156491	0.37	cps
Gadolinium	160-1	326806	326609	332000	328472	0.93	cps
Gadolinium	160-2	181726	181321	179716	180921	0.59	cps
Holmium	165-1	16703727	17181200	17004776	16963234	1.42	cps
Holmium	165-2	8481020	8538128	8517722	8512290	0.34	cps
Indium	115-1	12061870	12249268	12173298	12161479	0.78	cps
Indium	115-2	2180113	2200231	2222392	2200912	0.96	cps
Iron	56-2	639430459	641455303	635765814	638883859	0.45	cps
Iron	57-2	15442860	15497394	15537778	15492678	0.31	cps
Krypton	83-1	787	693	847	776	9.96	cps
Lead	206-1	3616320	3655057	3625559	3632312	0.56	cps
Lead	207-1	3014477	3054159	3025424	3031353	0.68	cps
Lead	208-1	14085652	14202986	14206652	14165097	0.49	cps
Lithium	6-1	5644656	5701393	5670995	5672348	0.50	cps
Magnesium	24-2	9386560	9400023	9402031	9396205	0.09	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-11	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:33:48	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19052283	19255806	19102763	19136951	0.55	cps
Molybdenum	94-1	322540	325938	315279	321252	1.69	cps
Molybdenum	95-1	39773	39673	39439	39628	0.43	cps
Molybdenum	96-1	104977	106622	105220	105606	0.84	cps
Molybdenum	97-1	23946	24380	24305	24210	0.96	cps
Molybdenum	98-1	60689	62923	61341	61651	1.86	cps
Neodymium	150-1	353023	359204	360923	357717	1.16	cps
Neodymium	150-2	133688	133963	134155	133935	0.18	cps
Nickel	60-2	231352	233986	232344	232561	0.57	cps
Phosphorus	31-2	48279	47852	47201	47777	1.14	cps
Potassium	39-2	1373993	1392157	1388243	1384798	0.69	cps
Rhodium	103-1	10415722	10562913	10375967	10451534	0.94	cps
Rhodium	103-2	4651262	4703141	4725403	4693269	0.81	cps
Scandium	45-1	8905446	9047922	8974060	8975809	0.79	cps
Scandium	45-2	338932	337478	339645	338685	0.33	cps
Selenium	77-2	723	673	667	688	4.50	cps
Selenium	78-2	832	824	804	820	1.75	cps
Selenium	82-1	2542	2637	2632	2603	2.04	cps
Silicon	28-1	52365957	52859283	52832590	52685944	0.53	cps
Silver	109-1	9637	9604	9929	9723	1.84	cps
Silver	107-1	9954	10855	10438	10415	4.33	cps
Sodium	23-2	235629	239963	237966	237853	0.91	cps
Strontium	86-1	568754	577259	570298	572104	0.79	cps
Strontium	88-1	4942355	5010293	4991726	4981458	0.70	cps
Sulfur	34-1	1092760	1104728	1102797	1100095	0.58	cps
Terbium	159-1	16996759	17158138	17116150	17090349	0.49	cps
Terbium	159-2	8199185	8233343	8258628	8230385	0.36	cps
Thallium	203-1	11681	11130	12398	11736	5.42	cps
Thallium	205-1	28908	28983	29517	29136	1.14	cps
Thorium	232-1	1199109	1210611	1215417	1208379	0.69	cps
Tin	118-1	14800	14608	15226	14878	2.12	cps
Titanium	47-1	423612	428862	430962	427812	0.88	cps
Uranium	238-1	243918	244953	247450	245440	0.74	cps
Vanadium	51-2	447209	453194	449235	449880	0.68	cps
Yttrium	89-1	16224951	16388385	16377458	16330264	0.56	cps
Yttrium	89-2	2090157	2106275	2137924	2111452	1.15	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-11	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:33:48	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	307797	311307	311647	310250	0.69	cps
Zirconium	90-1	818956	817512	823341	819936	0.37	cps
Zirconium	91-1	181510	185907	184179	183865	1.20	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-12	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:37:25	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10338787	10351168	10329872	10339942	0.10	cps
Antimony	121-1	6627	7160	6877	6888	3.88	cps
Arsenic	75-2	7565	7630	7426	7540	1.38	cps
Barium	135-1	3584367	3595751	3561038	3580385	0.49	cps
Barium	137-1	6259075	6239242	6184093	6227470	0.62	cps
Beryllium	9-1	11521	11577	11104	11401	2.27	cps
Bismuth	209-1	11369789	11499305	11319381	11396158	0.81	cps
Bismuth	209-2	6126948	6179369	6204895	6170404	0.64	cps
Boron	10-1	12464	12380	12406	12417	0.34	cps
Boron	11-1	54198	54532	53721	54150	0.75	cps
Cadmium	111-1	11798	11189	10846	11278	4.27	cps
Cadmium	106-1	7294	6919	6769	6994	3.87	cps
Cadmium	108-1	871	979	1008	953	7.60	cps
Calcium	43-1	618764	615867	618936	617856	0.28	cps
Calcium	44-1	9840578	9853560	9945081	9879740	0.58	cps
Chromium	52-2	283441	283128	283471	283347	0.07	cps
Cobalt	59-2	231324	230278	231341	230981	0.26	cps
Copper	63-2	727682	733418	737212	732770	0.65	cps
Dysprosium	156-1	242455	242409	242516	242460	0.02	cps
Dysprosium	156-2	125308	125056	124524	124963	0.32	cps
Erbium	164-1	226051	226842	225507	226134	0.30	cps
Erbium	164-2	107814	108470	110508	108931	1.29	cps
Gadolinium	160-1	241370	239327	241282	240659	0.48	cps
Gadolinium	160-2	133947	133233	133129	133436	0.33	cps
Holmium	165-1	16959249	17123612	16865700	16982854	0.77	cps
Holmium	165-2	8467352	8468035	8494393	8476593	0.18	cps
Indium	115-1	12298196	12521740	12348948	12389628	0.95	cps
Indium	115-2	2213720	2228069	2226805	2222865	0.36	cps
Iron	56-2	315326418	316385563	315865085	315859022	0.17	cps
Iron	57-2	7697921	7699839	7652130	7683296	0.35	cps
Krypton	83-1	713	707	687	702	1.98	cps
Lead	206-1	2154324	2142717	2183984	2160342	0.99	cps
Lead	207-1	1799115	1789844	1815137	1801365	0.71	cps
Lead	208-1	8410323	8374738	8475790	8420284	0.61	cps
Lithium	6-1	5638857	5661760	5641969	5647529	0.22	cps
Magnesium	24-2	5597271	5610870	5585390	5597843	0.23	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-12	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:37:25	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8235856	8235684	8195963	8222501	0.28	cps
Molybdenum	94-1	164402	164950	166019	165124	0.50	cps
Molybdenum	95-1	25607	24514	24539	24886	2.51	cps
Molybdenum	96-1	58154	57894	59124	58390	1.11	cps
Molybdenum	97-1	16185	15784	15960	15976	1.26	cps
Molybdenum	98-1	40358	40433	39689	40160	1.02	cps
Neodymium	150-1	294017	294503	295746	294755	0.30	cps
Neodymium	150-2	111358	110620	111288	111089	0.37	cps
Nickel	60-2	138308	136929	138238	137825	0.56	cps
Phosphorus	31-2	46139	46558	46875	46524	0.79	cps
Potassium	39-2	1438619	1453789	1453782	1448730	0.60	cps
Rhodium	103-1	10713755	10842693	10723310	10759920	0.67	cps
Rhodium	103-2	4772396	4789879	4780847	4781041	0.18	cps
Scandium	45-1	8554798	8670079	8602741	8609206	0.67	cps
Scandium	45-2	320206	320417	316970	319198	0.61	cps
Selenium	77-2	500	560	510	523	6.14	cps
Selenium	78-2	709	602	600	637	9.82	cps
Selenium	82-1	1951	2008	1895	1952	2.90	cps
Silicon	28-1	46625853	46891509	46624680	46714014	0.33	cps
Silver	109-1	5818	5785	5751	5785	0.58	cps
Silver	107-1	5618	5860	6227	5901	5.19	cps
Sodium	23-2	193370	194149	197035	194852	0.99	cps
Strontium	86-1	434114	436169	438761	436348	0.53	cps
Strontium	88-1	3779896	3777047	3807398	3788113	0.44	cps
Sulfur	34-1	914146	912645	908500	911763	0.32	cps
Terbium	159-1	17312961	17451137	17143163	17302420	0.89	cps
Terbium	159-2	8235805	8221014	8147062	8201294	0.58	cps
Thallium	203-1	8236	7894	8303	8145	2.69	cps
Thallium	205-1	18372	19640	18981	18998	3.34	cps
Thorium	232-1	561072	558970	567053	562365	0.75	cps
Tin	118-1	11580	11355	11122	11352	2.02	cps
Titanium	47-1	437175	434127	438181	436495	0.48	cps
Uranium	238-1	197171	199530	201070	199257	0.99	cps
Vanadium	51-2	241371	241981	241171	241508	0.17	cps
Yttrium	89-1	15109738	15342759	15153779	15202092	0.81	cps
Yttrium	89-2	1939295	1952808	1955747	1949283	0.45	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-12	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:37:25	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	211285	213017	212922	212408	0.46	cps
Zirconium	90-1	411004	412763	409801	411189	0.36	cps
Zirconium	91-1	91744	90988	91190	91307	0.43	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 17:41:01 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13516740	13504921	13382807	13468156	0.55	cps
Antimony	121-1	7277	6810	6935	7008	3.45	cps
Arsenic	75-2	11905	11623	11764	11764	1.20	cps
Barium	135-1	5867342	5847478	5969718	5894846	1.11	cps
Barium	137-1	10374105	10386343	10342693	10367714	0.22	cps
Beryllium	9-1	17032	16660	16498	16730	1.64	cps
Bismuth	209-1	10734632	11254902	11403309	11130948	3.15	cps
Bismuth	209-2	6033732	6073510	6053082	6053441	0.33	cps
Boron	10-1	9787	9762	9937	9829	0.96	cps
Boron	11-1	44073	45369	45394	44946	1.68	cps
Cadmium	111-1	15399	14882	15181	15154	1.72	cps
Cadmium	106-1	8395	8044	8161	8200	2.18	cps
Cadmium	108-1	1425	1642	1463	1510	7.67	cps
Calcium	43-1	472315	472825	471350	472163	0.16	cps
Calcium	44-1	7571862	7553704	7554302	7559956	0.14	cps
Chromium	52-2	338088	338798	339066	338651	0.15	cps
Cobalt	59-2	342757	338093	342784	341211	0.79	cps
Copper	63-2	935721	944677	941129	940509	0.48	cps
Dysprosium	156-1	311766	310551	313635	311984	0.50	cps
Dysprosium	156-2	160886	159567	159253	159902	0.54	cps
Erbium	164-1	293113	297631	296460	295735	0.79	cps
Erbium	164-2	142080	142227	142338	142215	0.09	cps
Gadolinium	160-1	312318	314915	314568	313934	0.45	cps
Gadolinium	160-2	172411	172202	169886	171500	0.82	cps
Holmium	165-1	16172236	17027954	17313747	16837979	3.53	cps
Holmium	165-2	8470180	8474829	8467865	8470958	0.04	cps
Indium	115-1	11785246	12298680	12439379	12174435	2.83	cps
Indium	115-2	2198938	2213223	2201430	2204530	0.35	cps
Iron	56-2	456498644	455264699	454536010	455433118	0.22	cps
Iron	57-2	11017791	11134924	11062973	11071896	0.53	cps
Krypton	83-1	640	650	740	677	8.14	cps
Lead	206-1	2899478	2891951	2903791	2898407	0.21	cps
Lead	207-1	2429396	2433159	2431664	2431406	0.08	cps
Lead	208-1	11299148	11306364	11366043	11323852	0.32	cps
Lithium	6-1	5391987	5549143	5664890	5535340	2.47	cps
Magnesium	24-2	6597906	6590801	6523197	6570635	0.63	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:41:01	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8885333	8881720	8848101	8871718	0.23	cps
Molybdenum	94-1	235508	237052	238154	236905	0.56	cps
Molybdenum	95-1	32647	32421	33315	32794	1.42	cps
Molybdenum	96-1	82137	80501	81659	81432	1.03	cps
Molybdenum	97-1	20040	20516	20048	20201	1.35	cps
Molybdenum	98-1	53150	51168	52121	52146	1.90	cps
Neodymium	150-1	369090	364183	366290	366521	0.67	cps
Neodymium	150-2	139146	138233	136980	138120	0.79	cps
Nickel	60-2	194285	192184	193843	193437	0.57	cps
Phosphorus	31-2	41241	43398	42428	42356	2.55	cps
Potassium	39-2	1533072	1533645	1532087	1532935	0.05	cps
Rhodium	103-1	10152388	10577373	10767434	10499065	3.00	cps
Rhodium	103-2	4693391	4698550	4714259	4702067	0.23	cps
Scandium	45-1	8437141	8720436	8942902	8700159	2.91	cps
Scandium	45-2	325240	324818	325045	325034	0.06	cps
Selenium	77-2	693	770	750	738	5.39	cps
Selenium	78-2	807	850	852	836	3.01	cps
Selenium	82-1	2749	2845	2695	2763	2.76	cps
Silicon	28-1	45041695	44729202	44991917	44920938	0.37	cps
Silver	109-1	6577	6293	6402	6424	2.23	cps
Silver	107-1	7086	7069	7052	7069	0.24	cps
Sodium	23-2	199138	197519	193338	196665	1.52	cps
Strontium	86-1	427371	432108	432924	430801	0.70	cps
Strontium	88-1	3757582	3776944	3757425	3763984	0.30	cps
Sulfur	34-1	1151602	1157950	1155333	1154962	0.28	cps
Terbium	159-1	16448652	17237205	17503747	17063201	3.22	cps
Terbium	159-2	8193785	8194110	8145085	8177660	0.34	cps
Thallium	203-1	9187	9104	8953	9081	1.30	cps
Thallium	205-1	21743	21418	20951	21371	1.86	cps
Thorium	232-1	852596	851047	846660	850101	0.36	cps
Tin	118-1	12323	12373	12289	12328	0.34	cps
Titanium	47-1	440795	444110	438359	441088	0.65	cps
Uranium	238-1	248274	248194	247471	247980	0.18	cps
Vanadium	51-2	312381	310695	315142	312739	0.72	cps
Yttrium	89-1	15407499	16028991	16209850	15882114	2.65	cps
Yttrium	89-2	2038123	2053816	2048337	2046759	0.39	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:41:01	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	235298	238340	238167	237268	0.72	cps
Zirconium	90-1	598898	599153	592211	596754	0.66	cps
Zirconium	91-1	134728	131170	132576	132825	1.35	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13DUP Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01DU Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 17:44:38 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13351467	13335496	13217629	13301531	0.55	cps
Antimony	121-1	7677	7719	8220	7872	3.83	cps
Arsenic	75-2	11974	12066	11638	11893	1.89	cps
Barium	135-1	5928481	6015483	6019011	5987659	0.86	cps
Barium	137-1	10372289	10376461	10462550	10403767	0.49	cps
Beryllium	9-1	16576	16593	16576	16582	0.06	cps
Bismuth	209-1	11100991	11703004	11290254	11364749	2.71	cps
Bismuth	209-2	5873166	6241059	6547019	6220415	5.42	cps
Boron	10-1	10079	9253	9562	9631	4.33	cps
Boron	11-1	41926	42168	42811	42302	1.08	cps
Cadmium	111-1	15298	15044	15639	15327	1.95	cps
Cadmium	106-1	7819	8353	8353	8175	3.77	cps
Cadmium	108-1	1483	1463	1350	1432	5.01	cps
Calcium	43-1	476996	476331	475650	476326	0.14	cps
Calcium	44-1	7598892	7634588	7566360	7599947	0.45	cps
Chromium	52-2	338944	337787	336705	337812	0.33	cps
Cobalt	59-2	337688	339452	334846	337329	0.69	cps
Copper	63-2	934168	935542	934604	934771	0.08	cps
Dysprosium	156-1	313951	318479	312132	314854	1.04	cps
Dysprosium	156-2	160097	158802	159250	159383	0.41	cps
Erbium	164-1	292738	295283	297566	295196	0.82	cps
Erbium	164-2	141725	143359	142372	142485	0.58	cps
Gadolinium	160-1	316161	314488	315671	315440	0.27	cps
Gadolinium	160-2	170986	171308	172016	171437	0.31	cps
Holmium	165-1	16785438	17685261	17187001	17219234	2.62	cps
Holmium	165-2	8140983	8720985	9018862	8626943	5.17	cps
Indium	115-1	11995941	12754917	12429418	12393425	3.07	cps
Indium	115-2	2096468	2280811	2343110	2240129	5.73	cps
Iron	56-2	448620921	450652577	447191721	448821740	0.39	cps
Iron	57-2	10950486	10911103	10869580	10910390	0.37	cps
Krypton	83-1	743	763	687	731	5.44	cps
Lead	206-1	2873541	2872586	2901916	2882681	0.58	cps
Lead	207-1	2412145	2400399	2435476	2416006	0.74	cps
Lead	208-1	11273195	11225985	11332659	11277280	0.47	cps
Lithium	6-1	5522536	5680430	5569410	5590792	1.45	cps
Magnesium	24-2	6482532	6502357	6442616	6475835	0.47	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13DUP	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01DU	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:44:38	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8676101	8733801	8705711	8705204	0.33	cps
Molybdenum	94-1	235680	239323	239771	238258	0.94	cps
Molybdenum	95-1	32830	33490	32964	33095	1.05	cps
Molybdenum	96-1	81332	80745	83144	81740	1.53	cps
Molybdenum	97-1	20399	19739	19689	19942	1.99	cps
Molybdenum	98-1	51870	51109	51954	51644	0.90	cps
Neodymium	150-1	367892	371905	369148	369649	0.56	cps
Neodymium	150-2	136894	137296	137851	137347	0.35	cps
Nickel	60-2	189656	188825	188197	188893	0.39	cps
Phosphorus	31-2	41760	41817	40556	41378	1.72	cps
Potassium	39-2	1500514	1516166	1499613	1505431	0.62	cps
Rhodium	103-1	10405647	10999041	10621942	10675543	2.81	cps
Rhodium	103-2	4476940	4836732	5021098	4778257	5.79	cps
Scandium	45-1	8672117	9067759	8738560	8826146	2.40	cps
Scandium	45-2	311629	336212	344828	330890	5.21	cps
Selenium	77-2	743	773	663	727	7.82	cps
Selenium	78-2	833	904	844	861	4.40	cps
Selenium	82-1	2823	2728	2913	2821	3.26	cps
Silicon	28-1	45336349	45331158	45789089	45485532	0.58	cps
Silver	109-1	6152	5801	6402	6118	4.93	cps
Silver	107-1	6794	6919	6944	6885	1.17	cps
Sodium	23-2	117406	118338	117676	117807	0.41	cps
Strontium	86-1	442245	438445	434688	438460	0.86	cps
Strontium	88-1	3800081	3847061	3832159	3826434	0.63	cps
Sulfur	34-1	1144434	1152651	1144178	1147088	0.42	cps
Terbium	159-1	16958321	17878114	17275522	17370652	2.69	cps
Terbium	159-2	7881438	8433372	8665274	8326695	4.84	cps
Thallium	203-1	9270	8937	9045	9084	1.87	cps
Thallium	205-1	21159	22178	22169	21835	2.68	cps
Thorium	232-1	837155	844434	837388	839659	0.49	cps
Tin	118-1	11063	11330	10746	11046	2.65	cps
Titanium	47-1	443952	445993	447659	445868	0.42	cps
Uranium	238-1	250254	245750	248736	248246	0.92	cps
Vanadium	51-2	314149	312004	309933	312028	0.68	cps
Yttrium	89-1	15808619	16467566	16126759	16134315	2.04	cps
Yttrium	89-2	1966438	2109195	2164025	2079886	4.90	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13DUP	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01DU	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:44:38	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	229702	230732	229121	229852	0.36	cps
Zirconium	90-1	598441	600335	602476	600417	0.34	cps
Zirconium	91-1	133104	133105	131451	132553	0.72	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13LX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 17:48:16	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2644369	2671726	2663085	2659726	0.53	cps
Antimony	121-1	1700	1583	1692	1658	3.93	cps
Arsenic	75-2	2343	2593	2459	2465	5.08	cps
Barium	135-1	1162091	1154826	1153117	1156678	0.41	cps
Barium	137-1	2057736	2031634	2031776	2040382	0.74	cps
Beryllium	9-1	3317	3567	3456	3447	3.63	cps
Bismuth	209-1	11767941	11802891	11820425	11797086	0.23	cps
Bismuth	209-2	6471565	6676192	6645244	6597667	1.67	cps
Boron	10-1	3576	3484	3417	3492	2.28	cps
Boron	11-1	15892	16301	16418	16204	1.70	cps
Cadmium	111-1	5449	5288	5501	5413	2.05	cps
Cadmium	106-1	4909	4843	5160	4971	3.36	cps
Cadmium	108-1	333	300	338	324	6.35	cps
Calcium	43-1	93411	89680	91005	91365	2.07	cps
Calcium	44-1	1488732	1477509	1467891	1478044	0.71	cps
Chromium	52-2	68321	68823	68321	68488	0.42	cps
Cobalt	59-2	68121	69751	69959	69277	1.45	cps
Copper	63-2	193497	195238	194200	194312	0.45	cps
Dysprosium	156-1	62293	60652	61782	61575	1.36	cps
Dysprosium	156-2	31236	31456	31456	31383	0.41	cps
Erbium	164-1	56694	55740	57111	56515	1.24	cps
Erbium	164-2	27935	28446	28296	28226	0.93	cps
Gadolinium	160-1	60618	61078	60760	60819	0.39	cps
Gadolinium	160-2	33865	34731	33966	34187	1.38	cps
Holmium	165-1	16862713	16773893	16903480	16846695	0.39	cps
Holmium	165-2	8630629	8657393	8654836	8647619	0.17	cps
Indium	115-1	12629061	12644175	12550106	12607781	0.40	cps
Indium	115-2	2291141	2326644	2348908	2322231	1.25	cps
Iron	56-2	91129463	91548988	91201860	91293437	0.25	cps
Iron	57-2	2187014	2218651	2218858	2208175	0.83	cps
Krypton	83-1	470	363	340	391	17.72	cps
Lead	206-1	580154	571524	566397	572692	1.21	cps
Lead	207-1	483011	477802	473740	478184	0.97	cps
Lead	208-1	2246273	2219868	2207786	2224642	0.88	cps
Lithium	6-1	5507003	5488150	5514633	5503262	0.25	cps
Magnesium	24-2	1288041	1308382	1286760	1294394	0.94	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13LX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 17:48:16	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1757720	1768827	1776366	1767638	0.53	cps
Molybdenum	94-1	47079	47162	46167	46803	1.18	cps
Molybdenum	95-1	6177	6352	5993	6174	2.90	cps
Molybdenum	96-1	15325	15643	15626	15531	1.15	cps
Molybdenum	97-1	4309	3726	4167	4067	7.48	cps
Molybdenum	98-1	10171	9779	9754	9901	2.36	cps
Neodymium	150-1	70916	70789	69080	70262	1.46	cps
Neodymium	150-2	27968	27003	27187	27386	1.87	cps
Nickel	60-2	39092	39483	39727	39434	0.81	cps
Phosphorus	31-2	8586	8853	8219	8553	3.72	cps
Potassium	39-2	307156	311736	311184	310025	0.81	cps
Rhodium	103-1	11051840	11026958	11100703	11059834	0.34	cps
Rhodium	103-2	5000390	5008123	5063021	5023845	0.68	cps
Scandium	45-1	8290923	8279010	8317626	8295853	0.24	cps
Scandium	45-2	316471	319290	318957	318239	0.48	cps
Selenium	77-2	143	153	130	142	8.23	cps
Selenium	78-2	233	250	219	234	6.73	cps
Selenium	82-1	504	622	735	620	18.64	cps
Silicon	28-1	9086470	8981332	9089170	9052324	0.68	cps
Silver	109-1	1342	1483	1258	1361	8.36	cps
Silver	107-1	1542	1592	1533	1556	2.03	cps
Sodium	23-2	45570	46916	46331	46272	1.46	cps
Strontium	86-1	84616	83652	85312	84527	0.99	cps
Strontium	88-1	736813	735411	732561	734928	0.29	cps
Sulfur	34-1	370826	358386	359104	362772	1.93	cps
Terbium	159-1	17159545	17263837	17234271	17219218	0.31	cps
Terbium	159-2	8361823	8316082	8388529	8355478	0.44	cps
Thallium	203-1	2000	1900	1834	1911	4.39	cps
Thallium	205-1	4359	4643	4726	4576	4.20	cps
Thorium	232-1	163433	160783	161963	162060	0.82	cps
Tin	118-1	3017	3042	3059	3039	0.69	cps
Titanium	47-1	87224	84299	85363	85629	1.73	cps
Uranium	238-1	48719	48291	47237	48082	1.59	cps
Vanadium	51-2	62247	62632	62421	62434	0.31	cps
Yttrium	89-1	13329363	13348351	13318337	13332017	0.11	cps
Yttrium	89-2	1744779	1759774	1761104	1755219	0.52	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13LX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01L	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 17:48:16	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	52481	52049	52962	52497	0.87	cps
Zirconium	90-1	117890	116966	113799	116218	1.85	cps
Zirconium	91-1	26083	25624	25432	25713	1.30	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-14RE Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 17:51:51 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12022679	11905133	11924985	11950932	0.53	cps
Antimony	121-1	7753	7169	7219	7380	4.38	cps
Arsenic	75-2	12407	12328	12315	12350	0.41	cps
Barium	135-1	5837136	5868766	5916500	5874134	0.68	cps
Barium	137-1	10207488	10145900	10293567	10215652	0.73	cps
Beryllium	9-1	16743	16242	16270	16419	1.71	cps
Bismuth	209-1	11607038	12137105	11606201	11783448	2.60	cps
Bismuth	209-2	6310576	6598482	6682815	6530624	2.99	cps
Boron	10-1	8678	7969	8436	8361	4.31	cps
Boron	11-1	35677	34883	35894	35484	1.50	cps
Cadmium	111-1	15072	15348	15503	15308	1.43	cps
Cadmium	106-1	7511	7903	7869	7761	2.80	cps
Cadmium	108-1	1325	1292	1329	1315	1.56	cps
Calcium	43-1	487286	486972	492736	488998	0.66	cps
Calcium	44-1	7803400	7782998	7794511	7793636	0.13	cps
Chromium	52-2	321912	320233	317576	319907	0.68	cps
Cobalt	59-2	284238	286955	286101	285764	0.49	cps
Copper	63-2	864705	864316	864903	864641	0.03	cps
Dysprosium	156-1	278321	279179	281807	279769	0.65	cps
Dysprosium	156-2	141930	143170	142665	142588	0.44	cps
Erbium	164-1	264555	267196	269458	267069	0.92	cps
Erbium	164-2	128507	127467	126734	127569	0.70	cps
Gadolinium	160-1	278277	280795	282691	280588	0.79	cps
Gadolinium	160-2	152810	153879	151445	152711	0.80	cps
Holmium	165-1	17420279	18120962	17630017	17723753	2.03	cps
Holmium	165-2	8673448	9043776	9079435	8932220	2.52	cps
Indium	115-1	12687553	13254178	12666380	12869370	2.59	cps
Indium	115-2	2290864	2378436	2383976	2351092	2.22	cps
Iron	56-2	390268831	384746964	389152853	388056216	0.75	cps
Iron	57-2	9460767	9428578	9396343	9428563	0.34	cps
Krypton	83-1	657	657	780	698	10.21	cps
Lead	206-1	2615258	2622720	2658600	2632192	0.88	cps
Lead	207-1	2204334	2191243	2214597	2203391	0.53	cps
Lead	208-1	10191990	10211930	10348684	10250868	0.83	cps
Lithium	6-1	5664333	5841868	5686506	5730902	1.69	cps
Magnesium	24-2	5835223	5838949	5837200	5837124	0.03	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-14RE Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 17:51:51 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7078506	6991714	7007756	7025992	0.66	cps
Molybdenum	94-1	220178	218580	218240	219000	0.47	cps
Molybdenum	95-1	32571	33540	33991	33368	2.17	cps
Molybdenum	96-1	77376	77101	78583	77687	1.01	cps
Molybdenum	97-1	21108	21250	21934	21431	2.06	cps
Molybdenum	98-1	53819	53384	54422	53875	0.97	cps
Neodymium	150-1	331236	329025	332831	331031	0.58	cps
Neodymium	150-2	123904	123026	124223	123718	0.50	cps
Nickel	60-2	161862	163553	161518	162311	0.67	cps
Phosphorus	31-2	41834	41450	41709	41665	0.47	cps
Potassium	39-2	1338458	1325918	1336064	1333480	0.50	cps
Rhodium	103-1	11019858	11471890	11008306	11166685	2.37	cps
Rhodium	103-2	4873937	5083975	5092796	5016903	2.47	cps
Scandium	45-1	8901607	9260834	8879174	9013872	2.38	cps
Scandium	45-2	333714	346424	347063	342400	2.20	cps
Selenium	77-2	630	600	733	654	10.69	cps
Selenium	78-2	780	782	757	773	1.73	cps
Selenium	82-1	2846	2933	2753	2844	3.17	cps
Silicon	28-1	41493753	40839703	41001484	41111647	0.83	cps
Silver	109-1	5601	5751	5310	5554	4.04	cps
Silver	107-1	5918	6235	5960	6038	2.85	cps
Sodium	23-2	195447	193531	194013	194331	0.51	cps
Strontium	86-1	446989	451018	452044	450017	0.59	cps
Strontium	88-1	3902663	3941963	3942697	3929108	0.58	cps
Sulfur	34-1	1157728	1150979	1147618	1152108	0.45	cps
Terbium	159-1	17565228	18371401	17746720	17894450	2.36	cps
Terbium	159-2	8490707	8762873	8778468	8677349	1.86	cps
Thallium	203-1	8078	8111	8003	8064	0.69	cps
Thallium	205-1	18522	19065	19732	19106	3.17	cps
Thorium	232-1	690509	691658	696154	692774	0.43	cps
Tin	118-1	13290	13874	13499	13554	2.18	cps
Titanium	47-1	381503	381734	379717	380985	0.29	cps
Uranium	238-1	229883	231510	231785	231060	0.44	cps
Vanadium	51-2	282632	283137	282081	282617	0.19	cps
Yttrium	89-1	16001167	16642801	16115663	16253210	2.11	cps
Yttrium	89-2	2066921	2135098	2133627	2111882	1.84	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-14RE	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 17:51:51	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	220648	219821	217728	219399	0.69	cps
Zirconium	90-1	539715	543860	550672	544749	1.02	cps
Zirconium	91-1	120814	120268	122084	121055	0.77	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:01:58	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6957617	6979946	7009525	6982362	0.37	cps
Antimony	121-1	5499229	5615315	5689128	5601224	1.71	cps
Arsenic	75-2	175204	175422	175191	175272	0.07	cps
Barium	135-1	7530323	7628493	7630627	7596481	0.75	cps
Barium	137-1	13376746	13526964	13529314	13477675	0.65	cps
Beryllium	9-1	1763107	1771326	1788656	1774363	0.74	cps
Bismuth	209-1	9585051	9778194	9697696	9686980	1.00	cps
Bismuth	209-2	5202284	5247436	5189750	5213157	0.58	cps
Boron	10-1	346529	355478	371330	357779	3.51	cps
Boron	11-1	1563043	1619877	1673225	1618715	3.40	cps
Cadmium	111-1	1764866	1806530	1831654	1801017	1.87	cps
Cadmium	106-1	192949	196345	199401	196232	1.64	cps
Cadmium	108-1	132827	134236	133879	133647	0.55	cps
Calcium	43-1	10313387	10357185	10441500	10370691	0.63	cps
Calcium	44-1	165645966	167684112	168848141	167392740	0.97	cps
Chromium	52-2	1699057	1696768	1705349	1700392	0.26	cps
Cobalt	59-2	2645692	2646911	2656912	2649838	0.23	cps
Copper	63-2	3779527	3811541	3801362	3797476	0.43	cps
Dysprosium	156-1	217	242	283	247	13.62	cps
Dysprosium	156-2	207	203	147	186	18.17	cps
Erbium	164-1	92	100	100	97	4.95	cps
Erbium	164-2	37	40	50	42	16.43	cps
Gadolinium	160-1	83	117	83	94	20.37	cps
Gadolinium	160-2	247	263	257	256	3.28	cps
Holmium	165-1	15669113	15896518	15750846	15772159	0.73	cps
Holmium	165-2	7801179	7926174	7835988	7854447	0.82	cps
Indium	115-1	10784589	10975000	10798531	10852707	0.98	cps
Indium	115-2	1972949	1991032	1958584	1974189	0.82	cps
Iron	56-2	365054597	364886053	364169297	364703316	0.13	cps
Iron	57-2	8965252	8924334	8938013	8942533	0.23	cps
Krypton	83-1	380	327	327	344	8.94	cps
Lead	206-1	5492774	5632157	5710930	5611953	1.97	cps
Lead	207-1	4961428	5055203	5154852	5057161	1.91	cps
Lead	208-1	22393246	22763274	23058587	22738369	1.47	cps
Lithium	6-1	4841923	4878361	4842060	4854114	0.43	cps
Magnesium	24-2	79050535	79082946	79354029	79162503	0.21	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:01:58	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2096996	2104603	2101598	2101066	0.18	cps
Molybdenum	94-1	12048048	12146729	12274962	12156579	0.94	cps
Molybdenum	95-1	14646354	14827120	14941510	14804995	1.01	cps
Molybdenum	96-1	16355886	16518099	16550901	16474962	0.63	cps
Molybdenum	97-1	9171839	9260650	9222187	9218225	0.48	cps
Molybdenum	98-1	23925023	23951023	23797609	23891218	0.34	cps
Neodymium	150-1	720	760	693	724	4.63	cps
Neodymium	150-2	113	87	107	102	13.58	cps
Nickel	60-2	680179	683181	681398	681586	0.22	cps
Phosphorus	31-2	68031	67571	67755	67786	0.34	cps
Potassium	39-2	32192211	31930309	32019564	32047361	0.42	cps
Rhodium	103-1	8999962	9097022	8996179	9031054	0.63	cps
Rhodium	103-2	4039685	4079770	4046436	4055297	0.53	cps
Scandium	45-1	7437957	7439520	7451792	7443090	0.10	cps
Scandium	45-2	289926	290123	290411	290153	0.08	cps
Selenium	77-2	5001	4994	5148	5048	1.72	cps
Selenium	78-2	17073	17451	17010	17178	1.39	cps
Selenium	82-1	121694	124706	125337	123912	1.57	cps
Silicon	28-1	4726487	4773869	4810511	4770289	0.88	cps
Silver	109-1	7119026	7170831	7259705	7183187	0.99	cps
Silver	107-1	7371113	7394064	7440194	7401790	0.48	cps
Sodium	23-2	142666749	143162924	143322149	143050607	0.24	cps
Strontium	86-1	2037361	2087627	2088497	2071162	1.41	cps
Strontium	88-1	17840988	18071596	17974399	17962328	0.64	cps
Sulfur	34-1	983935	1001282	996892	994036	0.91	cps
Terbium	159-1	15797059	15912738	15801717	15837171	0.41	cps
Terbium	159-2	7579293	7642974	7526447	7582905	0.77	cps
Thallium	203-1	6919400	6995667	7011866	6975644	0.71	cps
Thallium	205-1	16501851	16740017	16879733	16707200	1.14	cps
Thorium	232-1	25939342	26126958	26266682	26110994	0.63	cps
Tin	118-1	5224146	5335760	5384836	5314914	1.55	cps
Titanium	47-1	4472208	4525680	4534399	4510763	0.75	cps
Uranium	238-1	24877658	25409671	25365423	25217584	1.17	cps
Vanadium	51-2	1349903	1340408	1352449	1347586	0.47	cps
Yttrium	89-1	11282290	11551542	11366428	11400087	1.21	cps
Yttrium	89-2	1492840	1501043	1489771	1494551	0.39	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P7
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:01:58	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	633296	641345	642503	639048	0.78	cps
Zirconium	90-1	10236434	10289828	10296346	10274203	0.32	cps
Zirconium	91-1	2257022	2307406	2334677	2299702	1.71	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:08:26	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	267	242	258	5.59	cps
Antimony	121-1	1067	967	1092	1042	6.35	cps
Arsenic	75-2	26	11	15	17	44.63	cps
Barium	135-1	267	250	292	269	7.78	cps
Barium	137-1	558	617	558	578	5.83	cps
Beryllium	9-1	211	239	250	233	8.58	cps
Bismuth	209-1	12237203	12240607	12258928	12245579	0.10	cps
Bismuth	209-2	6833394	6763679	6636565	6744546	1.48	cps
Boron	10-1	6243	6418	5618	6093	6.91	cps
Boron	11-1	29254	27885	26491	27877	4.96	cps
Cadmium	111-1	2838	3491	3154	3161	10.33	cps
Cadmium	106-1	3992	4893	4409	4431	10.17	cps
Cadmium	108-1	33	25	17	25	33.32	cps
Calcium	43-1	392	358	425	392	8.51	cps
Calcium	44-1	7536	7836	7869	7747	2.37	cps
Chromium	52-2	1133	1120	1130	1128	0.62	cps
Cobalt	59-2	120	140	157	139	13.22	cps
Copper	63-2	377	407	367	383	5.43	cps
Dysprosium	156-1	8	42	17	22	78.07	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	92	33	42	56	56.79	cps
Erbium	164-2	20	37	30	29	29.04	cps
Gadolinium	160-1	50	83	67	67	25.00	cps
Gadolinium	160-2	230	237	233	233	1.43	cps
Holmium	165-1	17096639	17231413	17225564	17184539	0.44	cps
Holmium	165-2	8786108	8697232	8466757	8650032	1.91	cps
Indium	115-1	13246322	13280230	13171994	13232848	0.42	cps
Indium	115-2	2388053	2395179	2350325	2377852	1.01	cps
Iron	56-2	16593	17127	18034	17251	4.22	cps
Iron	57-2	472	461	467	467	1.19	cps
Krypton	83-1	377	433	377	396	8.27	cps
Lead	206-1	1139	1206	1183	1176	2.89	cps
Lead	207-1	989	1128	1106	1074	6.95	cps
Lead	208-1	4650	4784	4578	4671	2.23	cps
Lithium	6-1	5712270	5745114	5698352	5718579	0.42	cps
Magnesium	24-2	2600	2359	2667	2542	6.38	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : CCB20 Instrumnet Name : P7
 Client Sample ID : CCB20 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 18:08:26 DataFile Name : 059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	173	213	223	203	13.01	cps
Molybdenum	94-1	1258	1383	950	1197	18.63	cps
Molybdenum	95-1	1442	1167	1092	1233	14.94	cps
Molybdenum	96-1	1383	1325	1325	1345	2.51	cps
Molybdenum	97-1	750	817	708	758	7.21	cps
Molybdenum	98-1	2167	1992	1875	2011	7.30	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	80	57	80	72	18.65	cps
Phosphorus	31-2	83	83	92	86	5.58	cps
Potassium	39-2	13907	14374	15058	14446	4.01	cps
Rhodium	103-1	11854236	11812839	11726479	11797852	0.55	cps
Rhodium	103-2	5217443	5242202	5170388	5210011	0.70	cps
Scandium	45-1	8749602	8777374	8647671	8724882	0.78	cps
Scandium	45-2	325976	331695	324500	327390	1.16	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	48	63	39	50	24.28	cps
Selenium	82-1	9	-41	53	7	678.70	cps
Silicon	28-1	272735	275484	272140	273453	0.65	cps
Silver	109-1	400	625	433	486	24.98	cps
Silver	107-1	583	475	517	525	10.41	cps
Sodium	23-2	16276	16893	17277	16816	3.00	cps
Strontium	86-1	675	775	617	689	11.62	cps
Strontium	88-1	517	500	725	581	21.60	cps
Sulfur	34-1	242010	246160	245558	244576	0.92	cps
Terbium	159-1	17419268	17488675	17391917	17433286	0.29	cps
Terbium	159-2	8492409	8443473	8273798	8403227	1.37	cps
Thallium	203-1	733	708	792	745	5.74	cps
Thallium	205-1	2117	2025	1942	2028	4.32	cps
Thorium	232-1	1806	1761	1539	1702	8.40	cps
Tin	118-1	967	1000	908	958	4.84	cps
Titanium	47-1	200	225	192	206	8.44	cps
Uranium	238-1	667	533	608	603	11.09	cps
Vanadium	51-2	40	50	40	43	13.32	cps
Yttrium	89-1	13246613	13326531	13202479	13258541	0.47	cps
Yttrium	89-2	1710712	1724860	1692527	1709366	0.95	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P7
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:08:26	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	383	350	367	367	4.54	cps
Zirconium	90-1	1408	1017	1242	1222	16.08	cps
Zirconium	91-1	142	233	375	250	47.02	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-14 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 18:13:53 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14207554	14011637	14093833	14104341	0.70	cps
Antimony	121-1	5887034	5928373	6041417	5952275	1.34	cps
Arsenic	75-2	193835	192492	192904	193077	0.36	cps
Barium	135-1	13136611	13100350	13310039	13182333	0.85	cps
Barium	137-1	23286472	23478407	23603460	23456113	0.68	cps
Beryllium	9-1	2022588	2028309	2040802	2030566	0.46	cps
Bismuth	209-1	10736028	10858162	10974753	10856314	1.10	cps
Bismuth	209-2	5974361	6080243	6030723	6028442	0.88	cps
Boron	10-1	367188	375123	384589	375633	2.32	cps
Boron	11-1	1632724	1670058	1715884	1672889	2.49	cps
Cadmium	111-1	1741379	1748132	1779141	1756217	1.15	cps
Cadmium	106-1	197481	196929	203830	199413	1.92	cps
Cadmium	108-1	130347	133340	135153	132947	1.83	cps
Calcium	43-1	2565018	2559080	2585304	2569801	0.54	cps
Calcium	44-1	41306892	41149200	41320420	41258837	0.23	cps
Chromium	52-2	2120865	2125981	2126675	2124507	0.15	cps
Cobalt	59-2	3316403	3312434	3305452	3311430	0.17	cps
Copper	63-2	4692312	4676357	4653141	4673937	0.42	cps
Dysprosium	156-1	293564	298492	302326	298127	1.47	cps
Dysprosium	156-2	153095	153860	154264	153739	0.39	cps
Erbium	164-1	275679	282659	287099	281812	2.04	cps
Erbium	164-2	135948	138263	137311	137174	0.85	cps
Gadolinium	160-1	290443	297317	303746	297168	2.24	cps
Gadolinium	160-2	164752	165266	167862	165960	1.00	cps
Holmium	165-1	16667433	16965532	17171183	16934716	1.50	cps
Holmium	165-2	8628641	8784595	8624141	8679126	1.05	cps
Indium	115-1	11857115	11932001	11938395	11909170	0.38	cps
Indium	115-2	2185149	2217901	2207938	2203663	0.76	cps
Iron	56-2	508435334	502685900	501161045	504094093	0.76	cps
Iron	57-2	12358236	12276797	12185071	12273368	0.71	cps
Krypton	83-1	747	787	650	728	9.65	cps
Lead	206-1	9018775	8981692	9106278	9035581	0.71	cps
Lead	207-1	7747869	7724324	7781011	7751068	0.37	cps
Lead	208-1	35552499	35544025	36003733	35700086	0.74	cps
Lithium	6-1	5488546	5497486	5499335	5495122	0.10	cps
Magnesium	24-2	20959209	20842058	20760854	20854040	0.48	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-14 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 18:13:53 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10599358	10559613	10583679	10580883	0.19	cps
Molybdenum	94-1	12757106	12793279	12860920	12803768	0.41	cps
Molybdenum	95-1	14932550	14933431	14939333	14935104	0.02	cps
Molybdenum	96-1	16791096	16768034	16744886	16768005	0.14	cps
Molybdenum	97-1	9289111	9292513	9373924	9318516	0.52	cps
Molybdenum	98-1	24017511	24116385	24260155	24131351	0.51	cps
Neodymium	150-1	342457	349353	353708	348506	1.63	cps
Neodymium	150-2	130356	132270	131997	131541	0.79	cps
Nickel	60-2	949415	942176	945247	945613	0.38	cps
Phosphorus	31-2	38810	39361	37824	38665	2.01	cps
Potassium	39-2	7867549	7801136	7849134	7839273	0.44	cps
Rhodium	103-1	10276022	10355016	10345506	10325515	0.42	cps
Rhodium	103-2	4657313	4697938	4700979	4685410	0.52	cps
Scandium	45-1	8675024	8632819	8656061	8654634	0.24	cps
Scandium	45-2	330550	333516	332213	332093	0.45	cps
Selenium	77-2	6211	5768	5721	5900	4.59	cps
Selenium	78-2	18343	18625	18623	18530	0.88	cps
Selenium	82-1	135848	135418	137111	136126	0.65	cps
Silicon	28-1	53669091	53060958	53503653	53411234	0.59	cps
Silver	109-1	7052896	7081270	7069758	7067975	0.20	cps
Silver	107-1	7378719	7284029	7337138	7333295	0.65	cps
Sodium	23-2	28381865	28410710	28248432	28347002	0.31	cps
Strontium	86-1	2671639	2690556	2727255	2696483	1.05	cps
Strontium	88-1	23545900	23315811	23487041	23449584	0.51	cps
Sulfur	34-1	1138825	1137779	1130492	1135699	0.40	cps
Terbium	159-1	16910361	17160682	17280341	17117128	1.10	cps
Terbium	159-2	8322996	8405475	8380705	8369725	0.51	cps
Thallium	203-1	7821590	7789076	7929949	7846872	0.94	cps
Thallium	205-1	18581671	18718976	18900562	18733736	0.85	cps
Thorium	232-1	779676	789811	805240	791576	1.63	cps
Tin	118-1	5265347	5262491	5377382	5301740	1.24	cps
Titanium	47-1	4951427	4884173	4905349	4913649	0.70	cps
Uranium	238-1	27498870	27683272	27649557	27610567	0.36	cps
Vanadium	51-2	1756259	1753216	1752214	1753896	0.12	cps
Yttrium	89-1	15553175	15649971	15781702	15661616	0.73	cps
Yttrium	89-2	2052886	2063142	2061525	2059185	0.27	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-14	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:13:53	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	757456	756960	751620	755345	0.43	cps
Zirconium	90-1	11880505	11863519	12023029	11922351	0.73	cps
Zirconium	91-1	2638649	2647632	2706267	2664183	1.38	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-15 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 18:17:29 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13521713	13726636	13504137	13584162	0.91	cps
Antimony	121-1	5844067	5915118	5949835	5903007	0.91	cps
Arsenic	75-2	184701	186713	186050	185821	0.55	cps
Barium	135-1	12988050	13055850	12946219	12996706	0.43	cps
Barium	137-1	23182850	23054319	23123609	23120260	0.28	cps
Beryllium	9-1	1970514	1961746	1969745	1967335	0.25	cps
Bismuth	209-1	10267460	10866034	10925826	10686440	3.41	cps
Bismuth	209-2	5781318	5807342	5794965	5794542	0.22	cps
Boron	10-1	365409	377664	384933	376002	2.62	cps
Boron	11-1	1653118	1704653	1711334	1689702	1.89	cps
Cadmium	111-1	1727139	1742891	1745437	1738489	0.57	cps
Cadmium	106-1	193706	193606	192356	193223	0.39	cps
Cadmium	108-1	129976	129510	130549	130012	0.40	cps
Calcium	43-1	2475666	2501384	2509290	2495447	0.70	cps
Calcium	44-1	39818724	40136139	40040884	39998582	0.41	cps
Chromium	52-2	2040916	2054110	2038417	2044481	0.41	cps
Cobalt	59-2	3177331	3180500	3169430	3175754	0.18	cps
Copper	63-2	4460518	4479124	4459942	4466528	0.24	cps
Dysprosium	156-1	296597	299196	298051	297948	0.44	cps
Dysprosium	156-2	150938	150439	150430	150602	0.19	cps
Erbium	164-1	281170	277001	284729	280967	1.38	cps
Erbium	164-2	133026	135473	133440	133980	0.98	cps
Gadolinium	160-1	299149	296917	299779	298615	0.50	cps
Gadolinium	160-2	162503	163460	161433	162465	0.62	cps
Holmium	165-1	16091711	16958673	16886319	16645568	2.89	cps
Holmium	165-2	8339575	8368984	8244967	8317842	0.78	cps
Indium	115-1	11172987	11886503	11728179	11595890	3.23	cps
Indium	115-2	2090835	2105391	2090479	2095568	0.41	cps
Iron	56-2	486375411	486463000	482720422	485186278	0.44	cps
Iron	57-2	11811435	11782196	11676400	11756677	0.60	cps
Krypton	83-1	710	720	697	709	1.65	cps
Lead	206-1	9021494	9097981	9103161	9074212	0.50	cps
Lead	207-1	7733533	7794304	7777763	7768534	0.40	cps
Lead	208-1	35676288	35836823	35745040	35752717	0.23	cps
Lithium	6-1	5192106	5455575	5368709	5338797	2.51	cps
Magnesium	24-2	20205065	20297852	20088287	20197068	0.52	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-15 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01MS Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 18:17:29 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10193014	10197850	10107866	10166243	0.50	cps
Molybdenum	94-1	12507685	12495505	12471042	12491411	0.15	cps
Molybdenum	95-1	14539628	14485293	14552763	14525895	0.25	cps
Molybdenum	96-1	16302592	16221686	16293287	16272521	0.27	cps
Molybdenum	97-1	9035032	9063778	9105210	9068007	0.39	cps
Molybdenum	98-1	23247515	23420338	23522754	23396869	0.59	cps
Neodymium	150-1	344539	347999	352344	348294	1.12	cps
Neodymium	150-2	130238	129887	129014	129713	0.49	cps
Nickel	60-2	904798	910111	905254	906721	0.32	cps
Phosphorus	31-2	37356	37824	37323	37501	0.75	cps
Potassium	39-2	7498148	7508126	7507441	7504572	0.07	cps
Rhodium	103-1	9584280	10180735	10119917	9961644	3.29	cps
Rhodium	103-2	4435582	4451218	4463058	4449953	0.31	cps
Scandium	45-1	8048905	8520105	8437779	8335596	3.02	cps
Scandium	45-2	312649	315237	311999	313295	0.55	cps
Selenium	77-2	5768	5625	5588	5660	1.68	cps
Selenium	78-2	17774	17920	17698	17797	0.64	cps
Selenium	82-1	131978	133005	133207	132730	0.50	cps
Silicon	28-1	58573489	55521170	54639288	56244649	3.67	cps
Silver	109-1	6895287	6895792	6951460	6914179	0.47	cps
Silver	107-1	7126429	7175594	7144169	7148730	0.35	cps
Sodium	23-2	27362599	27470445	27180611	27337885	0.54	cps
Strontium	86-1	2656333	2660840	2676817	2664663	0.40	cps
Strontium	88-1	22897781	22853205	22767417	22839468	0.29	cps
Sulfur	34-1	1075062	1080866	1063647	1073192	0.82	cps
Terbium	159-1	16262800	17172974	16915134	16783636	2.80	cps
Terbium	159-2	8049197	8043774	7986267	8026413	0.43	cps
Thallium	203-1	7833880	7860128	7819508	7837839	0.26	cps
Thallium	205-1	18717619	18676669	18749304	18714531	0.19	cps
Thorium	232-1	794911	800427	802343	799227	0.48	cps
Tin	118-1	5201557	5272907	5279563	5251342	0.82	cps
Titanium	47-1	4763083	4750414	4762658	4758718	0.15	cps
Uranium	238-1	27539451	27539539	27698905	27592632	0.33	cps
Vanadium	51-2	1686972	1688546	1680817	1685445	0.24	cps
Yttrium	89-1	14750265	15399482	15332644	15160797	2.36	cps
Yttrium	89-2	1972680	1957704	1977406	1969263	0.52	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-15	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01MS	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:17:29	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	723096	729060	721575	724577	0.55	cps
Zirconium	90-1	11702940	11563338	11679377	11648552	0.64	cps
Zirconium	91-1	2612712	2604842	2618963	2612172	0.27	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13A Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01A Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 18:21:07 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13444522	13383721	13302754	13376999	0.53	cps
Antimony	121-1	5746482	5772335	5802525	5773781	0.49	cps
Arsenic	75-2	181654	182751	181549	181985	0.37	cps
Barium	135-1	12762198	12748469	12703752	12738140	0.24	cps
Barium	137-1	22657221	22571324	22700348	22642964	0.29	cps
Beryllium	9-1	1925311	1939086	1919298	1927898	0.53	cps
Bismuth	209-1	10572898	10663240	10596900	10611012	0.44	cps
Bismuth	209-2	5712552	5756204	5722978	5730578	0.40	cps
Boron	10-1	357104	370063	373818	366995	2.39	cps
Boron	11-1	1619476	1655687	1687107	1654090	2.05	cps
Cadmium	111-1	1693064	1691662	1694130	1692952	0.07	cps
Cadmium	106-1	187464	189187	188705	188452	0.47	cps
Cadmium	108-1	126239	128223	126773	127078	0.81	cps
Calcium	43-1	2429122	2455587	2428203	2437637	0.64	cps
Calcium	44-1	39131500	38781020	38934193	38948904	0.45	cps
Chromium	52-2	2006022	2005534	2000748	2004101	0.15	cps
Cobalt	59-2	3105578	3102623	3122374	3110192	0.34	cps
Copper	63-2	4352379	4370983	4375473	4366278	0.28	cps
Dysprosium	156-1	286641	294919	288109	289890	1.52	cps
Dysprosium	156-2	145736	148764	147037	147179	1.03	cps
Erbium	164-1	273645	275584	277775	275668	0.75	cps
Erbium	164-2	130182	130956	131377	130838	0.46	cps
Gadolinium	160-1	293123	298222	294849	295398	0.88	cps
Gadolinium	160-2	158733	160172	159930	159612	0.48	cps
Holmium	165-1	16471560	16717314	16635460	16608111	0.75	cps
Holmium	165-2	8207068	8184615	8262943	8218209	0.49	cps
Indium	115-1	11479398	11532065	11444603	11485355	0.38	cps
Indium	115-2	2065502	2072447	2073923	2070624	0.22	cps
Iron	56-2	475368100	476082977	475456977	475636018	0.08	cps
Iron	57-2	11552453	11549407	11528263	11543374	0.11	cps
Krypton	83-1	737	647	710	698	6.62	cps
Lead	206-1	8931500	8865159	9030792	8942484	0.93	cps
Lead	207-1	7638868	7622832	7706489	7656063	0.58	cps
Lead	208-1	35077726	35039523	35406714	35174654	0.57	cps
Lithium	6-1	5290033	5320659	5320797	5310496	0.33	cps
Magnesium	24-2	19869887	19787609	19791396	19816297	0.23	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13A	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:21:07	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9996967	9999426	9908779	9968391	0.52	cps
Molybdenum	94-1	12175310	12174795	12186363	12178822	0.05	cps
Molybdenum	95-1	14151503	14217137	14189810	14186150	0.23	cps
Molybdenum	96-1	15824222	15810010	15943082	15859105	0.46	cps
Molybdenum	97-1	8825365	8776327	8855211	8818968	0.45	cps
Molybdenum	98-1	22882433	22855380	22733550	22823788	0.35	cps
Neodymium	150-1	334074	340818	342788	339227	1.35	cps
Neodymium	150-2	125434	127445	126006	126295	0.82	cps
Nickel	60-2	885429	887323	889487	887413	0.23	cps
Phosphorus	31-2	36763	36655	36746	36721	0.16	cps
Potassium	39-2	7381358	7382292	7316105	7359918	0.52	cps
Rhodium	103-1	9778734	9808646	9776047	9787809	0.18	cps
Rhodium	103-2	4372513	4391868	4392861	4385747	0.26	cps
Scandium	45-1	8257093	8214744	8225817	8232551	0.27	cps
Scandium	45-2	309943	310569	310365	310292	0.10	cps
Selenium	77-2	5571	5811	5488	5623	2.99	cps
Selenium	78-2	17709	17559	17609	17626	0.43	cps
Selenium	82-1	128759	130059	130278	129699	0.63	cps
Silicon	28-1	53800550	52551583	52339373	52897169	1.49	cps
Silver	109-1	6781564	6808407	6728664	6772878	0.60	cps
Silver	107-1	7025824	6994607	6955453	6991962	0.50	cps
Sodium	23-2	27085776	26974635	27015060	27025157	0.21	cps
Strontium	86-1	2588509	2607541	2602475	2599508	0.38	cps
Strontium	88-1	22483789	22542698	22414759	22480415	0.28	cps
Sulfur	34-1	1054448	1055882	1041194	1050508	0.77	cps
Terbium	159-1	16686097	16743794	16745881	16725257	0.20	cps
Terbium	159-2	7944773	7914741	7889834	7916449	0.35	cps
Thallium	203-1	7696913	7710522	7736968	7714801	0.26	cps
Thallium	205-1	18477361	18500112	18728071	18568515	0.75	cps
Thorium	232-1	774016	786678	791603	784099	1.16	cps
Tin	118-1	5083483	5162809	5113540	5119944	0.78	cps
Titanium	47-1	4699553	4703885	4723957	4709132	0.28	cps
Uranium	238-1	26803908	27014158	27545246	27121104	1.41	cps
Vanadium	51-2	1655316	1652937	1660471	1656242	0.23	cps
Yttrium	89-1	14903534	15062500	15024378	14996804	0.55	cps
Yttrium	89-2	1959151	1945562	1942770	1949161	0.45	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13A	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01A	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:21:07	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	705674	709177	707366	707406	0.25	cps
Zirconium	90-1	11362244	11383239	11418311	11387931	0.25	cps
Zirconium	91-1	2544714	2544982	2570122	2553272	0.57	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-16	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:24:43	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11758644	11749298	11821154	11776365	0.33	cps
Antimony	121-1	6293	6010	6485	6263	3.82	cps
Arsenic	75-2	11201	11455	11162	11272	1.41	cps
Barium	135-1	5552298	5550972	5586726	5563332	0.36	cps
Barium	137-1	9617544	9676833	9725306	9673228	0.56	cps
Beryllium	9-1	17166	17599	17750	17505	1.73	cps
Bismuth	209-1	11255238	11334896	11395173	11328436	0.62	cps
Bismuth	209-2	6172515	6212996	6223529	6203013	0.43	cps
Boron	10-1	24613	21841	21483	22646	7.56	cps
Boron	11-1	108277	101364	95963	101868	6.06	cps
Cadmium	111-1	14313	14930	14851	14698	2.28	cps
Cadmium	106-1	7194	7369	7352	7305	1.32	cps
Cadmium	108-1	1246	1046	988	1093	12.40	cps
Calcium	43-1	652364	663715	667490	661190	1.19	cps
Calcium	44-1	10464321	10594977	10612591	10557296	0.77	cps
Chromium	52-2	289832	293072	290466	291123	0.59	cps
Cobalt	59-2	301880	306430	308812	305707	1.15	cps
Copper	63-2	804414	808531	814744	809229	0.64	cps
Dysprosium	156-1	281895	285582	286306	284594	0.83	cps
Dysprosium	156-2	144291	145783	145901	145325	0.62	cps
Erbium	164-1	272726	271922	271186	271944	0.28	cps
Erbium	164-2	130700	131535	132581	131606	0.72	cps
Gadolinium	160-1	281154	285615	282853	283207	0.80	cps
Gadolinium	160-2	155863	155130	155743	155578	0.25	cps
Holmium	165-1	16981595	17052584	17261463	17098548	0.85	cps
Holmium	165-2	8614613	8673685	8686007	8658102	0.44	cps
Indium	115-1	12134511	12203850	12375875	12238079	1.02	cps
Indium	115-2	2237721	2257226	2267591	2254179	0.67	cps
Iron	56-2	355942652	358055141	356583241	356860345	0.30	cps
Iron	57-2	8589275	8630390	8639781	8619815	0.31	cps
Krypton	83-1	657	737	847	747	12.78	cps
Lead	206-1	2507060	2490775	2511633	2503156	0.44	cps
Lead	207-1	2093002	2083391	2086699	2087698	0.23	cps
Lead	208-1	9772008	9726006	9791005	9763006	0.34	cps
Lithium	6-1	5486348	5540379	5591997	5539575	0.95	cps
Magnesium	24-2	5514391	5538525	5562300	5538406	0.43	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-16	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:24:43	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9842983	9900353	9878371	9873902	0.29	cps
Molybdenum	94-1	129138	130853	133813	131268	1.80	cps
Molybdenum	95-1	26634	26409	26960	26668	1.04	cps
Molybdenum	96-1	54555	55108	56488	55384	1.80	cps
Molybdenum	97-1	16811	16135	16702	16549	2.19	cps
Molybdenum	98-1	41904	41745	42013	41887	0.32	cps
Neodymium	150-1	331108	334168	332026	332434	0.47	cps
Neodymium	150-2	126516	125451	125416	125794	0.50	cps
Nickel	60-2	144968	146149	146870	145996	0.66	cps
Phosphorus	31-2	31543	33046	32678	32422	2.42	cps
Potassium	39-2	1428603	1422366	1431314	1427428	0.32	cps
Rhodium	103-1	10482063	10514129	10636653	10544281	0.77	cps
Rhodium	103-2	4781992	4816817	4831085	4809965	0.53	cps
Scandium	45-1	8480297	8541564	8680369	8567410	1.20	cps
Scandium	45-2	328367	331997	333016	331127	0.74	cps
Selenium	77-2	620	617	680	639	5.58	cps
Selenium	78-2	720	724	783	743	4.76	cps
Selenium	82-1	2340	2374	2434	2382	2.00	cps
Silicon	28-1	8871131	8856614	8900613	8876119	0.25	cps
Silver	109-1	8169	8328	8003	8167	1.99	cps
Silver	107-1	8686	8319	8870	8625	3.25	cps
Sodium	23-2	278871	281332	283520	281241	0.83	cps
Strontium	86-1	616514	622331	614544	617796	0.66	cps
Strontium	88-1	5344712	5385060	5423307	5384360	0.73	cps
Sulfur	34-1	958532	965359	978433	967441	1.05	cps
Terbium	159-1	17084361	17300327	17396517	17260402	0.93	cps
Terbium	159-2	8284387	8345602	8403510	8344500	0.71	cps
Thallium	203-1	11172	10430	11355	10986	4.46	cps
Thallium	205-1	25417	26419	25726	25854	1.98	cps
Thorium	232-1	896653	910556	912609	906606	0.96	cps
Tin	118-1	12356	12122	12231	12236	0.96	cps
Titanium	47-1	147828	152152	150830	150270	1.47	cps
Uranium	238-1	200404	199987	199604	199998	0.20	cps
Vanadium	51-2	235034	238876	239680	237863	1.04	cps
Yttrium	89-1	15534370	15713977	15804384	15684244	0.88	cps
Yttrium	89-2	2056086	2055259	2081847	2064397	0.73	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-16	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:24:43	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	204734	205295	205149	205059	0.14	cps
Zirconium	90-1	311920	312328	315466	313238	0.62	cps
Zirconium	91-1	69479	69629	70667	69925	0.93	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-17	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:28:20	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12441835	12403590	12449065	12431496	0.20	cps
Antimony	121-1	4334	4126	4001	4154	4.06	cps
Arsenic	75-2	7648	7774	7993	7805	2.23	cps
Barium	135-1	4929075	4902417	4942728	4924740	0.42	cps
Barium	137-1	8519862	8564920	8630351	8571711	0.65	cps
Beryllium	9-1	13540	13662	13367	13523	1.09	cps
Bismuth	209-1	11133518	11268172	11311008	11237566	0.82	cps
Bismuth	209-2	6124451	6162573	6155044	6147356	0.33	cps
Boron	10-1	15033	15217	16109	15453	3.73	cps
Boron	11-1	69268	69477	69443	69396	0.16	cps
Cadmium	111-1	11681	11385	11920	11662	2.30	cps
Cadmium	106-1	7402	6969	7194	7188	3.02	cps
Cadmium	108-1	992	1017	1067	1025	3.73	cps
Calcium	43-1	746655	748323	749433	748137	0.19	cps
Calcium	44-1	11958551	12099199	12117690	12058480	0.72	cps
Chromium	52-2	302963	303906	305042	303970	0.34	cps
Cobalt	59-2	268310	270207	271970	270162	0.68	cps
Copper	63-2	645367	646387	642994	644916	0.27	cps
Dysprosium	156-1	282616	283841	283827	283428	0.25	cps
Dysprosium	156-2	143105	145450	144767	144441	0.83	cps
Erbium	164-1	255351	259228	260554	258377	1.05	cps
Erbium	164-2	126317	123857	124453	124876	1.03	cps
Gadolinium	160-1	284771	286234	284979	285328	0.28	cps
Gadolinium	160-2	156407	154980	156538	155975	0.55	cps
Holmium	165-1	17049445	17090500	17289542	17143162	0.75	cps
Holmium	165-2	8618624	8606941	8638140	8621235	0.18	cps
Indium	115-1	12319102	12326346	12461814	12369088	0.65	cps
Indium	115-2	2250125	2252309	2248345	2250260	0.09	cps
Iron	56-2	396529398	395219720	395766464	395838527	0.17	cps
Iron	57-2	9615123	9579090	9615294	9603169	0.22	cps
Krypton	83-1	690	730	757	726	4.62	cps
Lead	206-1	1951776	1953616	1957423	1954272	0.15	cps
Lead	207-1	1624522	1623544	1626946	1625004	0.11	cps
Lead	208-1	7562941	7584985	7608185	7585370	0.30	cps
Lithium	6-1	5703978	5714924	5761080	5726661	0.53	cps
Magnesium	24-2	6872617	6844945	6897813	6871792	0.38	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-17	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:28:20	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8938288	8909126	8934825	8927413	0.18	cps
Molybdenum	94-1	175685	176485	175953	176041	0.23	cps
Molybdenum	95-1	20958	20015	20307	20426	2.36	cps
Molybdenum	96-1	58295	57450	57534	57759	0.81	cps
Molybdenum	97-1	12781	12506	12281	12523	2.00	cps
Molybdenum	98-1	31185	32672	30826	31561	3.10	cps
Neodymium	150-1	337440	336182	342335	338652	0.96	cps
Neodymium	150-2	127206	126968	128586	127586	0.68	cps
Nickel	60-2	152399	154070	152655	153041	0.59	cps
Phosphorus	31-2	37214	37340	35393	36649	2.97	cps
Potassium	39-2	1655218	1662572	1658206	1658665	0.22	cps
Rhodium	103-1	10635563	10673525	10794422	10701170	0.78	cps
Rhodium	103-2	4805501	4810879	4828964	4815115	0.26	cps
Scandium	45-1	8640586	8759143	8782437	8727389	0.87	cps
Scandium	45-2	329105	330404	332676	330728	0.55	cps
Selenium	77-2	613	623	603	613	1.63	cps
Selenium	78-2	683	626	678	662	4.78	cps
Selenium	82-1	1757	1705	1710	1724	1.67	cps
Silicon	28-1	47798251	48320626	48398048	48172308	0.68	cps
Silver	109-1	5160	4943	5110	5071	2.24	cps
Silver	107-1	5126	5376	5693	5399	5.26	cps
Sodium	23-2	254322	253964	252870	253719	0.30	cps
Strontium	86-1	597983	605154	613668	605602	1.30	cps
Strontium	88-1	5247757	5320721	5351077	5306518	1.00	cps
Sulfur	34-1	787969	784747	784501	785739	0.25	cps
Terbium	159-1	17217375	17322521	17346651	17295516	0.40	cps
Terbium	159-2	8373549	8326390	8354977	8351639	0.28	cps
Thallium	203-1	9554	9412	9154	9373	2.17	cps
Thallium	205-1	23522	22002	21969	22498	3.94	cps
Thorium	232-1	849907	859417	857517	855614	0.59	cps
Tin	118-1	10071	10321	10471	10288	1.97	cps
Titanium	47-1	289491	301265	288394	293050	2.43	cps
Uranium	238-1	170708	171516	177214	173146	2.05	cps
Vanadium	51-2	264079	264370	265282	264577	0.24	cps
Yttrium	89-1	15533418	15698410	15706146	15645991	0.62	cps
Yttrium	89-2	2052940	2045448	2051823	2050070	0.20	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-17	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1824-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:28:20	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	210490	208966	207563	209007	0.70	cps
Zirconium	90-1	450542	447289	455517	451116	0.92	cps
Zirconium	91-1	100517	100426	101879	100941	0.81	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-18	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:31:57	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14525944	14447750	14498927	14490874	0.27	cps
Antimony	121-1	2959	2725	2825	2837	4.13	cps
Arsenic	75-2	15588	15583	15532	15568	0.20	cps
Barium	135-1	4278243	4266072	4289717	4278011	0.28	cps
Barium	137-1	7454633	7448841	7467016	7456830	0.12	cps
Beryllium	9-1	17460	17850	18061	17790	1.71	cps
Bismuth	209-1	10931877	10934657	10917552	10928028	0.08	cps
Bismuth	209-2	5922800	5979206	5998447	5966818	0.66	cps
Boron	10-1	15776	16201	15600	15859	1.95	cps
Boron	11-1	68490	69561	71202	69751	1.96	cps
Cadmium	111-1	8451	8380	8603	8478	1.34	cps
Cadmium	106-1	7586	7185	7336	7369	2.74	cps
Cadmium	108-1	954	1096	1017	1022	6.95	cps
Calcium	43-1	558679	565689	557814	560727	0.77	cps
Calcium	44-1	8937216	8959159	9001984	8966119	0.37	cps
Chromium	52-2	378030	377083	378963	378025	0.25	cps
Cobalt	59-2	407098	408359	410036	408498	0.36	cps
Copper	63-2	479639	477837	479723	479066	0.22	cps
Dysprosium	156-1	229160	226525	229439	228375	0.70	cps
Dysprosium	156-2	115295	116186	116058	115846	0.42	cps
Erbium	164-1	205534	207920	206624	206693	0.58	cps
Erbium	164-2	100305	99995	99243	99848	0.55	cps
Gadolinium	160-1	216317	215954	214523	215598	0.44	cps
Gadolinium	160-2	118981	120346	119253	119526	0.60	cps
Holmium	165-1	16672936	16702437	16601767	16659047	0.31	cps
Holmium	165-2	8415673	8431702	8449843	8432406	0.20	cps
Indium	115-1	11992567	12124498	12104570	12073878	0.59	cps
Indium	115-2	2214953	2222295	2216283	2217843	0.18	cps
Iron	56-2	733514328	731094639	724388216	729665727	0.65	cps
Iron	57-2	17715815	17766868	17618512	17700398	0.43	cps
Krypton	83-1	650	683	637	657	3.66	cps
Lead	206-1	2804860	2818580	2798053	2807164	0.37	cps
Lead	207-1	2326585	2338532	2313237	2326118	0.54	cps
Lead	208-1	10874857	10925757	10811116	10870577	0.53	cps
Lithium	6-1	5634318	5669033	5669690	5657680	0.36	cps
Magnesium	24-2	9683399	9625212	9712355	9673655	0.46	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-18	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:31:57	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19058257	18953710	18809548	18940505	0.66	cps
Molybdenum	94-1	233163	238974	232976	235038	1.45	cps
Molybdenum	95-1	25164	25799	25599	25521	1.27	cps
Molybdenum	96-1	79706	80746	79052	79835	1.07	cps
Molybdenum	97-1	15484	14983	15451	15306	1.83	cps
Molybdenum	98-1	39305	38545	39447	39099	1.24	cps
Neodymium	150-1	296622	296223	294697	295847	0.34	cps
Neodymium	150-2	111026	111734	111825	111528	0.39	cps
Nickel	60-2	201980	202464	203238	202561	0.31	cps
Phosphorus	31-2	46766	46841	46055	46554	0.93	cps
Potassium	39-2	2319590	2332761	2306964	2319772	0.56	cps
Rhodium	103-1	10377996	10464580	10406836	10416471	0.42	cps
Rhodium	103-2	4690676	4665212	4696024	4683971	0.35	cps
Scandium	45-1	8501978	8539452	8576205	8539212	0.43	cps
Scandium	45-2	326430	326552	324084	325689	0.43	cps
Selenium	77-2	477	500	490	489	2.40	cps
Selenium	78-2	443	476	446	455	4.02	cps
Selenium	82-1	920	849	1002	924	8.28	cps
Silicon	28-1	66241368	66728424	66860791	66610195	0.49	cps
Silver	109-1	4743	5159	4701	4868	5.21	cps
Silver	107-1	5043	5326	5326	5232	3.13	cps
Sodium	23-2	365740	366540	366672	366317	0.14	cps
Strontium	86-1	434914	437789	434724	435809	0.39	cps
Strontium	88-1	3840810	3823514	3813083	3825802	0.37	cps
Sulfur	34-1	414744	412505	422149	416466	1.21	cps
Terbium	159-1	16862444	17002509	16888755	16917903	0.44	cps
Terbium	159-2	8158884	8164233	8169847	8164321	0.07	cps
Thallium	203-1	12790	12206	12515	12504	2.34	cps
Thallium	205-1	28214	29233	28523	28657	1.82	cps
Thorium	232-1	1095132	1101592	1111373	1102699	0.74	cps
Tin	118-1	10946	12022	10705	11224	6.25	cps
Titanium	47-1	373122	372650	371993	372588	0.15	cps
Uranium	238-1	169745	169472	170063	169760	0.17	cps
Vanadium	51-2	402359	397637	401904	400633	0.65	cps
Yttrium	89-1	14747159	14837519	14732954	14772544	0.38	cps
Yttrium	89-2	1934811	1929481	1928522	1930938	0.18	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-18	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0006-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:31:57	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	388913	392496	390086	390498	0.47	cps
Zirconium	90-1	607883	609072	605116	607357	0.33	cps
Zirconium	91-1	133988	136420	135982	135463	0.96	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-19	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:35:34	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13342838	13405421	13456099	13401453	0.42	cps
Antimony	121-1	3867	3459	3517	3615	6.11	cps
Arsenic	75-2	15532	15295	15069	15299	1.51	cps
Barium	135-1	4946399	5024315	5009485	4993400	0.83	cps
Barium	137-1	8758388	8773020	8728397	8753268	0.26	cps
Beryllium	9-1	19902	19986	19046	19645	2.65	cps
Bismuth	209-1	10988807	11076896	11063978	11043227	0.43	cps
Bismuth	209-2	5971986	6007727	6046826	6008846	0.62	cps
Boron	10-1	15809	15634	16092	15845	1.46	cps
Boron	11-1	69912	71311	72207	71143	1.63	cps
Cadmium	111-1	9350	9129	9449	9309	1.76	cps
Cadmium	106-1	7152	6927	7002	7027	1.63	cps
Cadmium	108-1	933	946	904	928	2.31	cps
Calcium	43-1	707173	711129	710586	709629	0.30	cps
Calcium	44-1	11246952	11400792	11425055	11357600	0.85	cps
Chromium	52-2	359852	364171	362076	362033	0.60	cps
Cobalt	59-2	299314	299693	301571	300192	0.40	cps
Copper	63-2	626792	631451	627804	628682	0.39	cps
Dysprosium	156-1	240543	242929	243154	242209	0.60	cps
Dysprosium	156-2	121625	121797	121797	121740	0.08	cps
Erbium	164-1	218354	224747	224079	222393	1.58	cps
Erbium	164-2	107656	107740	107213	107536	0.26	cps
Gadolinium	160-1	228179	229451	232754	230128	1.03	cps
Gadolinium	160-2	127698	126045	126160	126634	0.73	cps
Holmium	165-1	16732399	16948304	16951518	16877407	0.74	cps
Holmium	165-2	8483203	8434500	8493406	8470370	0.37	cps
Indium	115-1	12085281	12191318	12236616	12171071	0.64	cps
Indium	115-2	2199927	2215285	2217542	2210918	0.43	cps
Iron	56-2	561756390	558931524	560639124	560442346	0.25	cps
Iron	57-2	13616724	13663328	13703842	13661298	0.32	cps
Krypton	83-1	693	540	670	634	13.02	cps
Lead	206-1	4665408	4722571	4767379	4718453	1.08	cps
Lead	207-1	3899865	3967198	4008736	3958600	1.39	cps
Lead	208-1	18178404	18407028	18498690	18361374	0.90	cps
Lithium	6-1	5634140	5643740	5641082	5639654	0.09	cps
Magnesium	24-2	9399642	9448247	9512291	9453393	0.60	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-19	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:35:34	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13359577	13305013	13301477	13322023	0.24	cps
Molybdenum	94-1	197336	197961	198066	197788	0.20	cps
Molybdenum	95-1	23128	23320	23069	23172	0.57	cps
Molybdenum	96-1	67418	69111	68381	68303	1.24	cps
Molybdenum	97-1	15300	14007	14099	14469	4.99	cps
Molybdenum	98-1	36782	36138	35136	36019	2.30	cps
Neodymium	150-1	293291	294610	295503	294468	0.38	cps
Neodymium	150-2	111154	111136	110565	110952	0.30	cps
Nickel	60-2	173952	174784	175252	174663	0.38	cps
Phosphorus	31-2	40857	41400	41475	41244	0.82	cps
Potassium	39-2	1643947	1671256	1653345	1656183	0.84	cps
Rhodium	103-1	10415510	10537679	10528910	10494033	0.65	cps
Rhodium	103-2	4684922	4697571	4733809	4705434	0.54	cps
Scandium	45-1	8584863	8697425	8690366	8657551	0.73	cps
Scandium	45-2	322639	326588	328687	325971	0.94	cps
Selenium	77-2	523	580	500	534	7.70	cps
Selenium	78-2	509	511	532	517	2.38	cps
Selenium	82-1	988	1129	1066	1061	6.65	cps
Silicon	28-1	45959173	45714655	46125436	45933088	0.45	cps
Silver	109-1	5668	5668	5910	5749	2.43	cps
Silver	107-1	6052	5918	5768	5913	2.40	cps
Sodium	23-2	341535	342580	345669	343261	0.63	cps
Strontium	86-1	611145	619010	621123	617093	0.85	cps
Strontium	88-1	5365735	5407239	5385069	5386014	0.39	cps
Sulfur	34-1	459118	458550	458056	458575	0.12	cps
Terbium	159-1	16987097	16990976	17013776	16997283	0.08	cps
Terbium	159-2	8229036	8174774	8216718	8206843	0.35	cps
Thallium	203-1	10821	11088	11355	11088	2.41	cps
Thallium	205-1	26920	27504	27170	27198	1.08	cps
Thorium	232-1	984936	991337	988635	988302	0.33	cps
Tin	118-1	23829	24247	24506	24194	1.41	cps
Titanium	47-1	251582	254366	273374	259774	4.57	cps
Uranium	238-1	154988	155199	158291	156159	1.18	cps
Vanadium	51-2	419691	423363	420583	421213	0.45	cps
Yttrium	89-1	15037571	15064940	15048524	15050345	0.09	cps
Yttrium	89-2	1942689	1963241	1958875	1954935	0.55	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-19	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0612-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:35:34	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	376214	380582	381140	379312	0.71	cps
Zirconium	90-1	502356	512345	509299	508000	1.01	cps
Zirconium	91-1	113127	113978	114959	114021	0.80	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-20	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:39:11	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23451241	23584258	23602321	23545940	0.35	cps
Antimony	121-1	3867	3884	3792	3848	1.27	cps
Arsenic	75-2	21650	21943	22137	21910	1.12	cps
Barium	135-1	6728788	6750549	6786636	6755324	0.43	cps
Barium	137-1	12040579	11995760	11973681	12003340	0.28	cps
Beryllium	9-1	29802	31194	30559	30518	2.28	cps
Bismuth	209-1	10256853	10725443	10317697	10433331	2.44	cps
Bismuth	209-2	5543489	5610965	5646776	5600410	0.94	cps
Boron	10-1	13064	13940	13223	13409	3.48	cps
Boron	11-1	59944	59250	60815	60003	1.31	cps
Cadmium	111-1	10928	11160	10965	11018	1.13	cps
Cadmium	106-1	8411	8520	8445	8458	0.66	cps
Cadmium	108-1	1367	1358	1425	1383	2.63	cps
Calcium	43-1	468093	463684	472038	467938	0.89	cps
Calcium	44-1	7524109	7482688	7589804	7532200	0.72	cps
Chromium	52-2	620199	625288	627061	624183	0.57	cps
Cobalt	59-2	644318	638573	645546	642812	0.58	cps
Copper	63-2	882230	878751	883058	881346	0.26	cps
Dysprosium	156-1	362339	363234	361648	362407	0.22	cps
Dysprosium	156-2	181976	183408	184526	183304	0.70	cps
Erbium	164-1	331819	333422	337654	334298	0.90	cps
Erbium	164-2	162972	162624	163406	163001	0.24	cps
Gadolinium	160-1	341203	343725	349456	344795	1.23	cps
Gadolinium	160-2	188655	190699	191351	190235	0.74	cps
Holmium	165-1	15969599	16841682	16112943	16308074	2.87	cps
Holmium	165-2	8140579	8138580	8186395	8155184	0.33	cps
Indium	115-1	11469191	12052082	11539720	11686998	2.72	cps
Indium	115-2	2067143	2118716	2122964	2102941	1.48	cps
Iron	56-2	1073831113	1071698735	1077449269	1074326372	0.27	cps
Iron	57-2	26175849	26098157	26148523	26140843	0.15	cps
Krypton	83-1	803	803	847	818	3.06	cps
Lead	206-1	6744798	6745697	6804523	6765006	0.51	cps
Lead	207-1	5624120	5687415	5704836	5672124	0.75	cps
Lead	208-1	26171811	26323588	26347491	26280963	0.36	cps
Lithium	6-1	5462853	5632381	5477760	5524331	1.70	cps
Magnesium	24-2	11855369	11896897	11901631	11884632	0.21	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-20	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:39:11	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	41612947	41758171	41966805	41779308	0.43	cps
Molybdenum	94-1	311379	308644	306556	308859	0.78	cps
Molybdenum	95-1	33440	34292	33632	33788	1.32	cps
Molybdenum	96-1	103936	106899	107790	106209	1.90	cps
Molybdenum	97-1	18980	19773	20474	19742	3.79	cps
Molybdenum	98-1	51092	50716	51862	51223	1.14	cps
Neodymium	150-1	430157	432807	428474	430479	0.51	cps
Neodymium	150-2	163205	161951	164397	163184	0.75	cps
Nickel	60-2	287850	286958	287500	287436	0.16	cps
Phosphorus	31-2	56198	56023	54802	55674	1.37	cps
Potassium	39-2	2083166	2086993	2079595	2083251	0.18	cps
Rhodium	103-1	9769557	10217440	9862821	9949939	2.37	cps
Rhodium	103-2	4345476	4438560	4426109	4403381	1.15	cps
Scandium	45-1	8544250	8877708	8531822	8651260	2.27	cps
Scandium	45-2	320134	321725	325556	322472	0.86	cps
Selenium	77-2	753	797	800	783	3.32	cps
Selenium	78-2	700	700	719	706	1.51	cps
Selenium	82-1	1292	1333	1186	1270	5.98	cps
Silicon	28-1	56095268	56149978	56452395	56232547	0.34	cps
Silver	109-1	9370	10062	10037	9823	4.00	cps
Silver	107-1	10654	11030	11380	11021	3.29	cps
Sodium	23-2	537124	540892	545811	541275	0.80	cps
Strontium	86-1	409078	408713	409875	409222	0.15	cps
Strontium	88-1	3559593	3595075	3598056	3584241	0.60	cps
Sulfur	34-1	381533	379168	383695	381465	0.59	cps
Terbium	159-1	16191386	16977935	16424254	16531192	2.44	cps
Terbium	159-2	7788841	7875323	7912626	7858930	0.81	cps
Thallium	203-1	18689	19006	19064	18920	1.07	cps
Thallium	205-1	45446	46265	45805	45838	0.90	cps
Thorium	232-1	1738882	1727260	1763997	1743380	1.08	cps
Tin	118-1	129450	128070	129786	129102	0.70	cps
Titanium	47-1	359022	356653	361710	359128	0.70	cps
Uranium	238-1	217174	221199	220638	219670	0.99	cps
Vanadium	51-2	611474	614796	619417	615229	0.65	cps
Yttrium	89-1	15745534	16393821	15916911	16018755	2.10	cps
Yttrium	89-2	2048853	2074872	2071375	2065033	0.68	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-20	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-1218-01	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:39:11	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	579129	578922	582541	580197	0.35	cps
Zirconium	90-1	784364	786804	790598	787255	0.40	cps
Zirconium	91-1	175083	174322	177556	175654	0.96	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-01DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-02DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 18:45:11 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2656255	2648251	2644457	2649655	0.23	cps
Antimony	121-1	1133	1275	1108	1172	7.67	cps
Arsenic	75-2	2161	2213	2422	2266	6.10	cps
Barium	135-1	1506810	1509200	1513234	1509748	0.22	cps
Barium	137-1	2653165	2665095	2669148	2662470	0.31	cps
Beryllium	9-1	3717	3862	3928	3836	2.81	cps
Bismuth	209-1	11823785	11815369	11379834	11672996	2.18	cps
Bismuth	209-2	6481367	6525855	6474855	6494026	0.43	cps
Boron	10-1	4851	5143	5159	5051	3.43	cps
Boron	11-1	22008	22684	21883	22192	1.94	cps
Cadmium	111-1	5067	5467	5027	5187	4.69	cps
Cadmium	106-1	4493	5001	4559	4684	5.90	cps
Cadmium	108-1	379	358	271	336	17.10	cps
Calcium	43-1	86084	87593	87769	87149	1.06	cps
Calcium	44-1	1405914	1397595	1408241	1403917	0.40	cps
Chromium	52-2	74906	72926	73887	73906	1.34	cps
Cobalt	59-2	61415	61830	62265	61836	0.69	cps
Copper	63-2	203811	205525	203958	204431	0.46	cps
Dysprosium	156-1	62719	62234	63833	62928	1.30	cps
Dysprosium	156-2	32458	32565	32532	32519	0.17	cps
Erbium	164-1	55446	54878	56944	55756	1.91	cps
Erbium	164-2	27401	27441	27418	27420	0.07	cps
Gadolinium	160-1	62250	62686	61556	62164	0.92	cps
Gadolinium	160-2	35132	35085	34737	34985	0.62	cps
Holmium	165-1	17072738	17034941	16495355	16867678	1.91	cps
Holmium	165-2	8611108	8685624	8546951	8614561	0.81	cps
Indium	115-1	12649867	12658300	12123703	12477290	2.45	cps
Indium	115-2	2300355	2343459	2304366	2316060	1.03	cps
Iron	56-2	100851697	100484302	100183122	100506374	0.33	cps
Iron	57-2	2434602	2435364	2423099	2431022	0.28	cps
Krypton	83-1	393	400	423	406	3.89	cps
Lead	206-1	624839	633303	637698	631947	1.03	cps
Lead	207-1	521288	520352	526713	522784	0.66	cps
Lead	208-1	2425136	2438864	2464994	2442998	0.83	cps
Lithium	6-1	5471418	5498889	5296468	5422258	2.02	cps
Magnesium	24-2	1536501	1526128	1530148	1530926	0.34	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-01DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-02DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 18:45:11 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2959765	2992423	2970436	2974208	0.56	cps
Molybdenum	94-1	39230	38929	38319	38826	1.19	cps
Molybdenum	95-1	6552	6193	6260	6335	3.01	cps
Molybdenum	96-1	14733	14933	14775	14814	0.71	cps
Molybdenum	97-1	3801	3676	3976	3817	3.95	cps
Molybdenum	98-1	9495	10521	9745	9921	5.39	cps
Neodymium	150-1	77504	78457	79314	78425	1.15	cps
Neodymium	150-2	30116	30213	30594	30308	0.83	cps
Nickel	60-2	36960	36419	36248	36542	1.02	cps
Phosphorus	31-2	8936	9195	8811	8981	2.18	cps
Potassium	39-2	321402	323196	323829	322809	0.39	cps
Rhodium	103-1	11038874	11120040	10629581	10929499	2.41	cps
Rhodium	103-2	5007267	5013920	4995716	5005635	0.18	cps
Scandium	45-1	8370047	8434962	8096986	8300665	2.16	cps
Scandium	45-2	317932	319191	314409	317177	0.78	cps
Selenium	77-2	167	177	137	160	13.01	cps
Selenium	78-2	219	191	200	203	6.96	cps
Selenium	82-1	550	578	584	571	3.19	cps
Silicon	28-1	2355491	2304487	2427080	2362353	2.61	cps
Silver	109-1	2059	1959	1967	1995	2.78	cps
Silver	107-1	2050	2175	1767	1997	10.48	cps
Sodium	23-2	48596	49365	49273	49078	0.86	cps
Strontium	86-1	94570	95996	94771	95112	0.81	cps
Strontium	88-1	822326	823482	831582	825797	0.61	cps
Sulfur	34-1	370455	367931	370653	369680	0.41	cps
Terbium	159-1	17152293	17387593	16600220	17046702	2.37	cps
Terbium	159-2	8336367	8372092	8290754	8333071	0.49	cps
Thallium	203-1	1867	2059	1942	1956	4.94	cps
Thallium	205-1	5110	4985	5401	5165	4.14	cps
Thorium	232-1	237367	239411	239534	238771	0.51	cps
Tin	118-1	2767	2900	2725	2798	3.27	cps
Titanium	47-1	77915	77303	79874	78364	1.71	cps
Uranium	238-1	44771	46184	45598	45518	1.56	cps
Vanadium	51-2	72467	72785	71881	72378	0.63	cps
Yttrium	89-1	13300811	13323509	12859699	13161340	1.99	cps
Yttrium	89-2	1738405	1747910	1735268	1740528	0.38	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-01DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 18:45:11	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	52661	53317	52176	52718	1.09	cps
Zirconium	90-1	96533	95493	95719	95915	0.57	cps
Zirconium	91-1	21751	21517	20816	21361	2.28	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-02DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS025-1218-02DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 18:48:46 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2928184	2912545	2917798	2919509	0.27	cps
Antimony	121-1	733	833	808	792	6.57	cps
Arsenic	75-2	3269	3269	3204	3247	1.15	cps
Barium	135-1	1381019	1385901	1405377	1390766	0.93	cps
Barium	137-1	2458534	2443568	2452264	2451456	0.31	cps
Beryllium	9-1	4412	4229	4517	4386	3.33	cps
Bismuth	209-1	11096214	11754129	11527707	11459350	2.92	cps
Bismuth	209-2	6376712	6463728	6425353	6421931	0.68	cps
Boron	10-1	4559	3959	4142	4220	7.29	cps
Boron	11-1	18846	18879	19396	19040	1.62	cps
Cadmium	111-1	4411	4406	4705	4507	3.79	cps
Cadmium	106-1	4693	4684	5093	4823	4.84	cps
Cadmium	108-1	213	188	229	210	10.00	cps
Calcium	43-1	319392	323631	320053	321026	0.71	cps
Calcium	44-1	5139408	5216692	5210826	5188975	0.83	cps
Chromium	52-2	78196	78152	77824	78058	0.26	cps
Cobalt	59-2	80282	79266	80181	79909	0.70	cps
Copper	63-2	155206	157083	159033	157108	1.22	cps
Dysprosium	156-1	60501	60761	61020	60761	0.43	cps
Dysprosium	156-2	30548	31416	31573	31179	1.77	cps
Erbium	164-1	56803	55062	55413	55759	1.65	cps
Erbium	164-2	27017	27027	27210	27085	0.40	cps
Gadolinium	160-1	58935	57246	59656	58613	2.11	cps
Gadolinium	160-2	32946	32833	33067	32949	0.35	cps
Holmium	165-1	16036733	17008530	16872446	16639236	3.16	cps
Holmium	165-2	8544557	8591764	8538599	8558307	0.34	cps
Indium	115-1	11814030	12613410	12455123	12294188	3.44	cps
Indium	115-2	2277322	2293364	2299500	2290062	0.50	cps
Iron	56-2	103042197	102793388	103688913	103174833	0.45	cps
Iron	57-2	2479395	2497259	2499585	2492080	0.44	cps
Krypton	83-1	407	450	390	416	7.45	cps
Lead	206-1	722884	722249	722266	722466	0.05	cps
Lead	207-1	601516	598730	606963	602403	0.70	cps
Lead	208-1	2816782	2802083	2805003	2807956	0.28	cps
Lithium	6-1	5252715	5494220	5390178	5379038	2.25	cps
Magnesium	24-2	1876427	1859714	1876759	1870967	0.52	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-02DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS025-1218-02DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 18:48:46 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3265318	3285021	3280129	3276823	0.31	cps
Molybdenum	94-1	38160	37576	38662	38132	1.43	cps
Molybdenum	95-1	6352	6702	6835	6630	3.77	cps
Molybdenum	96-1	15501	14558	13949	14669	5.33	cps
Molybdenum	97-1	3726	4034	3701	3820	4.86	cps
Molybdenum	98-1	9987	9937	10321	10082	2.07	cps
Neodymium	150-1	75044	75789	75071	75301	0.56	cps
Neodymium	150-2	28483	28403	28309	28398	0.31	cps
Nickel	60-2	41262	41485	40961	41236	0.64	cps
Phosphorus	31-2	6085	6135	5718	5979	3.81	cps
Potassium	39-2	263857	261041	263536	262811	0.59	cps
Rhodium	103-1	10369092	11061071	10928582	10786248	3.41	cps
Rhodium	103-2	4897481	5002566	4980644	4960230	1.12	cps
Scandium	45-1	7868561	8387138	8271112	8175604	3.33	cps
Scandium	45-2	310102	313353	313179	312211	0.59	cps
Selenium	77-2	140	157	130	142	9.47	cps
Selenium	78-2	174	181	172	176	2.78	cps
Selenium	82-1	437	320	446	401	17.43	cps
Silicon	28-1	3456915	3406840	3434451	3432735	0.73	cps
Silver	109-1	2350	2584	2317	2417	6.01	cps
Silver	107-1	2700	2417	2684	2600	6.12	cps
Sodium	23-2	112612	111763	113324	112567	0.69	cps
Strontium	86-1	273518	270947	269985	271483	0.67	cps
Strontium	88-1	2357102	2361127	2367229	2361819	0.22	cps
Sulfur	34-1	341459	343191	340707	341786	0.37	cps
Terbium	159-1	16187158	17312975	17004224	16834785	3.46	cps
Terbium	159-2	8265665	8274759	8278408	8272944	0.08	cps
Thallium	203-1	2692	2742	2859	2764	3.09	cps
Thallium	205-1	7119	6835	6744	6899	2.84	cps
Thorium	232-1	209163	208999	208901	209021	0.06	cps
Tin	118-1	3326	3809	3609	3581	6.78	cps
Titanium	47-1	35886	36338	36011	36078	0.65	cps
Uranium	238-1	39628	39805	39687	39707	0.23	cps
Vanadium	51-2	81048	80378	80860	80762	0.43	cps
Yttrium	89-1	12594416	13400494	13294146	13096352	3.34	cps
Yttrium	89-2	1721426	1736929	1733416	1730590	0.47	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-02DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS025-1218-02DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 18:48:46	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53314	51641	51768	52241	1.78	cps
Zirconium	90-1	95585	95199	93772	94852	1.01	cps
Zirconium	91-1	21367	21375	21367	21369	0.02	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:56:33	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6476573	6638087	6580051	6564903	1.25	cps
Antimony	121-1	5365269	5450383	5509639	5441764	1.33	cps
Arsenic	75-2	154344	155499	156146	155330	0.59	cps
Barium	135-1	7279317	7310146	7260518	7283327	0.34	cps
Barium	137-1	12911921	12847145	12865858	12874975	0.26	cps
Beryllium	9-1	1682604	1691648	1699880	1691377	0.51	cps
Bismuth	209-1	9406363	9513760	9553775	9491300	0.80	cps
Bismuth	209-2	5007068	5179797	5117823	5101563	1.72	cps
Boron	10-1	329945	344078	355808	343277	3.77	cps
Boron	11-1	1486630	1545787	1584878	1539098	3.21	cps
Cadmium	111-1	1735997	1756750	1760857	1751202	0.76	cps
Cadmium	106-1	190994	191611	190428	191011	0.31	cps
Cadmium	108-1	128719	130620	130788	130042	0.88	cps
Calcium	43-1	9807028	9856761	9862352	9842047	0.31	cps
Calcium	44-1	159014941	159924679	158794112	159244577	0.38	cps
Chromium	52-2	1562330	1577732	1600421	1580161	1.21	cps
Cobalt	59-2	2478379	2496305	2514882	2496522	0.73	cps
Copper	63-2	3566031	3598261	3596118	3586803	0.50	cps
Dysprosium	156-1	150	200	200	183	15.75	cps
Dysprosium	156-2	170	133	187	163	16.70	cps
Erbium	164-1	133	92	75	100	30.05	cps
Erbium	164-2	50	50	43	48	8.06	cps
Gadolinium	160-1	133	125	117	125	6.67	cps
Gadolinium	160-2	257	260	260	259	0.74	cps
Holmium	165-1	15445994	15590174	15525307	15520491	0.47	cps
Holmium	165-2	7597011	7817176	7711270	7708486	1.43	cps
Indium	115-1	10606059	10698683	10638221	10647654	0.44	cps
Indium	115-2	1912801	1955512	1923137	1930483	1.15	cps
Iron	56-2	343631163	346132208	346065319	345276230	0.41	cps
Iron	57-2	8416907	8433117	8516082	8455369	0.63	cps
Krypton	83-1	387	390	290	356	15.97	cps
Lead	206-1	5298183	5413880	5462626	5391563	1.57	cps
Lead	207-1	4763365	4867216	4880614	4837065	1.33	cps
Lead	208-1	21560002	21808456	21931199	21766552	0.87	cps
Lithium	6-1	4756566	4768338	4770592	4765165	0.16	cps
Magnesium	24-2	70718110	71809775	71615410	71381098	0.82	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:56:33	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1981960	1988780	2009799	1993513	0.73	cps
Molybdenum	94-1	11606756	11611993	11591445	11603398	0.09	cps
Molybdenum	95-1	14165632	14212456	14237398	14205162	0.26	cps
Molybdenum	96-1	15824630	15891586	15826710	15847642	0.24	cps
Molybdenum	97-1	8865300	8826985	8892367	8861551	0.37	cps
Molybdenum	98-1	22840154	22849002	22957373	22882176	0.29	cps
Neodymium	150-1	733	580	887	733	20.91	cps
Neodymium	150-2	113	117	83	104	17.58	cps
Nickel	60-2	629613	632788	634341	632247	0.38	cps
Phosphorus	31-2	61937	63929	64231	63366	1.97	cps
Potassium	39-2	30089510	30471991	30492228	30351243	0.75	cps
Rhodium	103-1	8808214	8930753	8871967	8870311	0.69	cps
Rhodium	103-2	3924891	4017219	3943327	3961812	1.23	cps
Scandium	45-1	7201552	7274116	7276208	7250625	0.59	cps
Scandium	45-2	274902	283837	279218	279319	1.60	cps
Selenium	77-2	5001	5008	4848	4952	1.83	cps
Selenium	78-2	16189	16170	16146	16168	0.13	cps
Selenium	82-1	118805	120469	121615	120296	1.17	cps
Silicon	28-1	4732037	4825819	4876521	4811459	1.52	cps
Silver	109-1	7305183	7307092	7357967	7323414	0.41	cps
Silver	107-1	7578286	7610890	7610259	7599812	0.25	cps
Sodium	23-2	134849166	135937228	135381999	135389464	0.40	cps
Strontium	86-1	1953432	1983065	1990669	1975722	1.00	cps
Strontium	88-1	17249105	17203004	17230849	17227653	0.13	cps
Sulfur	34-1	944884	954008	954418	951103	0.57	cps
Terbium	159-1	15446581	15731653	15622373	15600202	0.92	cps
Terbium	159-2	7346482	7510421	7376098	7411000	1.18	cps
Thallium	203-1	6650362	6652091	6747118	6683190	0.83	cps
Thallium	205-1	15941038	15976464	16101398	16006300	0.53	cps
Thorium	232-1	24876999	25185626	25061681	25041435	0.62	cps
Tin	118-1	5069187	5102777	5181648	5117870	1.13	cps
Titanium	47-1	4276589	4285594	4325215	4295799	0.60	cps
Uranium	238-1	24336802	24381984	24325100	24347962	0.12	cps
Vanadium	51-2	1254593	1276969	1280472	1270678	1.10	cps
Yttrium	89-1	11142154	11288732	11241182	11224023	0.67	cps
Yttrium	89-2	1445595	1467662	1460253	1457837	0.77	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P7
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 18:56:33	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	585128	589494	594742	589788	0.82	cps
Zirconium	90-1	9821254	9780134	9793111	9798167	0.21	cps
Zirconium	91-1	2172926	2196492	2209300	2192906	0.84	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P7
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 19:02:05 DataFile Name : 071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	58	108	103	40.81	cps
Antimony	121-1	1042	1267	1158	1156	9.74	cps
Arsenic	75-2	11	24	15	17	40.06	cps
Barium	135-1	233	267	275	258	8.54	cps
Barium	137-1	333	333	425	364	14.55	cps
Beryllium	9-1	206	200	211	206	2.70	cps
Bismuth	209-1	11744016	11671895	11923870	11779927	1.10	cps
Bismuth	209-2	6306806	6410863	6421546	6379738	0.99	cps
Boron	10-1	8119	8044	8036	8066	0.57	cps
Boron	11-1	37305	35117	35175	35866	3.48	cps
Cadmium	111-1	2744	3009	2854	2869	4.64	cps
Cadmium	106-1	3809	4234	3967	4004	5.37	cps
Cadmium	108-1	8	25	21	18	48.05	cps
Calcium	43-1	242	250	208	233	9.45	cps
Calcium	44-1	5193	5210	5335	5246	1.48	cps
Chromium	52-2	1100	1007	1063	1057	4.45	cps
Cobalt	59-2	93	83	110	96	14.09	cps
Copper	63-2	357	307	283	316	11.87	cps
Dysprosium	156-1	25	8	50	28	75.51	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	67	67	8	47	71.33	cps
Erbium	164-2	30	27	13	23	37.81	cps
Gadolinium	160-1	42	50	67	53	24.12	cps
Gadolinium	160-2	313	250	293	286	11.34	cps
Holmium	165-1	16454498	16434974	16732233	16540568	1.01	cps
Holmium	165-2	8382254	8350686	8390887	8374609	0.25	cps
Indium	115-1	12469514	12474434	12609791	12517913	0.64	cps
Indium	115-2	2263171	2274933	2297897	2278667	0.78	cps
Iron	56-2	9909	9337	10215	9820	4.54	cps
Iron	57-2	194	267	378	280	33.03	cps
Krypton	83-1	367	367	397	377	4.60	cps
Lead	206-1	1117	1122	995	1078	6.70	cps
Lead	207-1	1050	928	1039	1006	6.72	cps
Lead	208-1	4445	4300	4573	4439	3.07	cps
Lithium	6-1	5344789	5365129	5428696	5379538	0.81	cps
Magnesium	24-2	1150	983	1017	1050	8.40	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P7
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 19:02:05 DataFile Name : 071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	183	180	217	193	10.49	cps
Molybdenum	94-1	1643	1058	867	1189	33.99	cps
Molybdenum	95-1	1325	1358	1092	1258	11.55	cps
Molybdenum	96-1	1417	1433	1400	1417	1.18	cps
Molybdenum	97-1	950	667	725	781	19.17	cps
Molybdenum	98-1	2309	1934	1617	1953	17.73	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	47	40	52	30.16	cps
Phosphorus	31-2	83	58	92	78	22.30	cps
Potassium	39-2	13073	14174	13840	13696	4.12	cps
Rhodium	103-1	10990671	11068715	11286421	11115269	1.38	cps
Rhodium	103-2	4929816	4981663	5046085	4985854	1.17	cps
Scandium	45-1	8144012	8154418	8260457	8186296	0.79	cps
Scandium	45-2	305229	309773	309398	308133	0.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	57	31	42	32.52	cps
Selenium	82-1	28	-14	5	6	326.25	cps
Silicon	28-1	237199	238971	236991	237720	0.46	cps
Silver	109-1	350	425	308	361	16.37	cps
Silver	107-1	367	367	392	375	3.85	cps
Sodium	23-2	14416	14883	14641	14647	1.60	cps
Strontium	86-1	633	550	617	600	7.35	cps
Strontium	88-1	267	308	292	289	7.26	cps
Sulfur	34-1	239479	235745	238072	237765	0.79	cps
Terbium	159-1	16719489	16673107	16856006	16749534	0.57	cps
Terbium	159-2	8101297	8114300	8178679	8131425	0.51	cps
Thallium	203-1	858	1025	775	886	14.37	cps
Thallium	205-1	1992	2184	2175	2117	5.12	cps
Thorium	232-1	1400	1206	1217	1274	8.57	cps
Tin	118-1	1042	1092	1092	1075	2.68	cps
Titanium	47-1	125	192	142	153	22.71	cps
Uranium	238-1	283	292	342	306	10.33	cps
Vanadium	51-2	13	30	13	19	50.96	cps
Yttrium	89-1	12486736	12428146	12669049	12527977	1.00	cps
Yttrium	89-2	1615074	1621391	1647919	1628128	1.07	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P7
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 19:02:05	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	280	277	280	279	0.69	cps
Zirconium	90-1	1108	817	1133	1020	17.27	cps
Zirconium	91-1	225	292	200	239	19.84	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-03DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS026-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:05:39 DataFile Name : 072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3179757	3213957	3191947	3195221	0.54	cps
Antimony	121-1	1383	1609	1709	1567	10.63	cps
Arsenic	75-2	3662	3738	3710	3703	1.04	cps
Barium	135-1	1210605	1228333	1227380	1222106	0.82	cps
Barium	137-1	2138804	2155991	2163115	2152637	0.58	cps
Beryllium	9-1	4773	4912	4723	4803	2.04	cps
Bismuth	209-1	11831215	11804793	11807536	11814515	0.12	cps
Bismuth	209-2	6425751	6486316	6532719	6481596	0.83	cps
Boron	10-1	5993	5960	5743	5899	2.30	cps
Boron	11-1	27175	26858	26591	26875	1.09	cps
Cadmium	111-1	4383	4950	5042	4791	7.45	cps
Cadmium	106-1	4543	5468	5393	5134	10.01	cps
Cadmium	108-1	246	254	250	250	1.67	cps
Calcium	43-1	351717	349990	350897	350868	0.25	cps
Calcium	44-1	5640093	5594938	5675309	5636780	0.71	cps
Chromium	52-2	81721	83703	83448	82957	1.30	cps
Cobalt	59-2	95025	95941	96797	95921	0.92	cps
Copper	63-2	182417	184456	184413	183762	0.63	cps
Dysprosium	156-1	68388	64703	67893	66995	2.99	cps
Dysprosium	156-2	34654	34904	35095	34884	0.63	cps
Erbium	164-1	63071	62629	63825	63175	0.96	cps
Erbium	164-2	30775	31089	31273	31045	0.81	cps
Gadolinium	160-1	64176	65289	65959	65142	1.38	cps
Gadolinium	160-2	36639	36883	36535	36686	0.49	cps
Holmium	165-1	16948612	17203736	17310726	17154358	1.08	cps
Holmium	165-2	8612237	8672202	8688413	8657617	0.46	cps
Indium	115-1	12691822	12780792	12729586	12734066	0.35	cps
Indium	115-2	2307619	2350292	2328302	2328737	0.92	cps
Iron	56-2	108805550	109461458	109847358	109371455	0.48	cps
Iron	57-2	2604585	2644419	2640049	2629684	0.83	cps
Krypton	83-1	443	483	440	456	5.29	cps
Lead	206-1	731772	727491	739078	732780	0.80	cps
Lead	207-1	605637	605975	606469	606027	0.07	cps
Lead	208-1	2829327	2821448	2836444	2829073	0.27	cps
Lithium	6-1	5503011	5562216	5552225	5539150	0.57	cps
Magnesium	24-2	1918576	1906671	1913140	1912796	0.31	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-03DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS026-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:05:39 DataFile Name : 072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2482351	2507472	2521466	2503763	0.79	cps
Molybdenum	94-1	51661	52297	51234	51731	1.03	cps
Molybdenum	95-1	8503	7911	8086	8167	3.72	cps
Molybdenum	96-1	18254	19072	18655	18660	2.19	cps
Molybdenum	97-1	5043	4626	4893	4854	4.35	cps
Molybdenum	98-1	12756	12239	12556	12517	2.08	cps
Neodymium	150-1	78148	79441	80662	79417	1.58	cps
Neodymium	150-2	30701	30567	30384	30551	0.52	cps
Nickel	60-2	46005	46437	45143	45862	1.44	cps
Phosphorus	31-2	7727	7852	7419	7666	2.91	cps
Potassium	39-2	270344	273837	271023	271735	0.68	cps
Rhodium	103-1	11180515	11179785	11186100	11182133	0.03	cps
Rhodium	103-2	5034905	5073246	5093737	5067296	0.59	cps
Scandium	45-1	8408690	8477512	8532617	8472939	0.73	cps
Scandium	45-2	317519	322772	323389	321227	1.00	cps
Selenium	77-2	127	127	177	143	20.14	cps
Selenium	78-2	217	176	224	206	12.61	cps
Selenium	82-1	459	422	477	453	6.27	cps
Silicon	28-1	10952225	10994630	10925809	10957555	0.32	cps
Silver	109-1	1984	1700	1734	1806	8.58	cps
Silver	107-1	1875	1959	2142	1992	6.85	cps
Sodium	23-2	124009	125856	125892	125252	0.86	cps
Strontium	86-1	263547	262764	263290	263201	0.15	cps
Strontium	88-1	2263094	2277345	2282665	2274368	0.44	cps
Sulfur	34-1	374880	367914	368867	370554	1.02	cps
Terbium	159-1	17223331	17431774	17547760	17400955	0.94	cps
Terbium	159-2	8362362	8407922	8356642	8375642	0.34	cps
Thallium	203-1	2742	2684	2659	2695	1.59	cps
Thallium	205-1	6885	6785	6677	6783	1.54	cps
Thorium	232-1	190713	190201	191746	190887	0.41	cps
Tin	118-1	3676	3776	3384	3612	5.64	cps
Titanium	47-1	48957	49459	49702	49372	0.77	cps
Uranium	238-1	47773	46318	48610	47567	2.44	cps
Vanadium	51-2	86891	87645	88165	87567	0.73	cps
Yttrium	89-1	13548072	13574826	13702502	13608467	0.61	cps
Yttrium	89-2	1776296	1790649	1777889	1781611	0.44	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-03DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:05:39	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	57202	58219	58266	57896	1.04	cps
Zirconium	90-1	131027	130027	128600	129885	0.94	cps
Zirconium	91-1	28596	28220	27987	28268	1.09	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-04DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS026-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:09:14 DataFile Name : 073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4038000	4099436	4122306	4086581	1.07	cps
Antimony	121-1	1150	1167	1300	1206	6.82	cps
Arsenic	75-2	4803	4814	5014	4877	2.44	cps
Barium	135-1	1159270	1159846	1161324	1160147	0.09	cps
Barium	137-1	2048006	2061040	2063899	2057648	0.41	cps
Beryllium	9-1	5629	5629	5540	5599	0.92	cps
Bismuth	209-1	11789176	11870290	11811189	11823552	0.35	cps
Bismuth	209-2	6408030	6545102	6580990	6511374	1.40	cps
Boron	10-1	5076	4884	5101	5020	2.36	cps
Boron	11-1	23085	22451	22868	22801	1.41	cps
Cadmium	111-1	4716	5004	4331	4684	7.20	cps
Cadmium	106-1	5126	5601	4459	5062	11.33	cps
Cadmium	108-1	300	358	338	332	8.91	cps
Calcium	43-1	261930	261964	259481	261125	0.55	cps
Calcium	44-1	4230213	4224754	4221855	4225607	0.10	cps
Chromium	52-2	112824	112022	112559	112468	0.36	cps
Cobalt	59-2	124227	126596	126241	125688	1.02	cps
Copper	63-2	189668	193142	192257	191689	0.94	cps
Dysprosium	156-1	72978	72459	70557	71998	1.77	cps
Dysprosium	156-2	36899	37575	36903	37126	1.05	cps
Erbium	164-1	69595	69160	70851	69868	1.26	cps
Erbium	164-2	34417	34236	33915	34189	0.74	cps
Gadolinium	160-1	70851	70641	71093	70862	0.32	cps
Gadolinium	160-2	39514	39296	40085	39632	1.03	cps
Holmium	165-1	17106083	17324849	17253272	17228068	0.65	cps
Holmium	165-2	8613665	8736336	8743929	8697977	0.84	cps
Indium	115-1	12731061	12841284	12798463	12790269	0.43	cps
Indium	115-2	2304159	2356615	2353953	2338242	1.26	cps
Iron	56-2	164019765	165089154	165146387	164751768	0.39	cps
Iron	57-2	3996388	4027957	4048697	4024348	0.65	cps
Krypton	83-1	470	400	540	470	14.89	cps
Lead	206-1	856828	855750	862053	858211	0.39	cps
Lead	207-1	710799	712572	711797	711723	0.12	cps
Lead	208-1	3308577	3323294	3321370	3317747	0.24	cps
Lithium	6-1	5558556	5615210	5586565	5586777	0.51	cps
Magnesium	24-2	2755912	2796015	2798244	2783390	0.86	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-04DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS026-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:09:14 DataFile Name : 073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3861542	3932580	3912001	3902041	0.94	cps
Molybdenum	94-1	64405	64580	65006	64664	0.48	cps
Molybdenum	95-1	7694	8720	7611	8008	7.71	cps
Molybdenum	96-1	21893	22619	22201	22238	1.64	cps
Molybdenum	97-1	4901	4934	4934	4923	0.39	cps
Molybdenum	98-1	12856	12865	12081	12600	3.57	cps
Neodymium	150-1	83674	80293	84022	82663	2.49	cps
Neodymium	150-2	31764	31940	32522	32075	1.24	cps
Nickel	60-2	60360	61288	60668	60772	0.78	cps
Phosphorus	31-2	7877	7602	7836	7772	1.91	cps
Potassium	39-2	332869	339748	342120	338246	1.42	cps
Rhodium	103-1	11168516	11349458	11165371	11227782	0.94	cps
Rhodium	103-2	5000845	5103668	5122179	5075564	1.29	cps
Scandium	45-1	8621412	8629074	8537370	8595952	0.59	cps
Scandium	45-2	318909	324090	325646	322882	1.09	cps
Selenium	77-2	187	120	127	144	25.42	cps
Selenium	78-2	219	202	217	212	4.30	cps
Selenium	82-1	447	457	280	395	25.24	cps
Silicon	28-1	16176812	16255581	16161918	16198103	0.31	cps
Silver	109-1	1792	1600	1684	1692	5.68	cps
Silver	107-1	2184	2084	1859	2042	8.15	cps
Sodium	23-2	125623	128320	129454	127799	1.54	cps
Strontium	86-1	200017	198798	201852	200222	0.77	cps
Strontium	88-1	1719537	1716803	1737807	1724716	0.66	cps
Sulfur	34-1	304970	302140	302610	303240	0.50	cps
Terbium	159-1	17319659	17576782	17450510	17448984	0.74	cps
Terbium	159-2	8381349	8462103	8422468	8421973	0.48	cps
Thallium	203-1	3100	2892	3217	3070	5.36	cps
Thallium	205-1	7294	7352	7728	7458	3.16	cps
Thorium	232-1	257435	256646	257348	257143	0.17	cps
Tin	118-1	3284	3417	3234	3312	2.86	cps
Titanium	47-1	82674	81501	83050	82408	0.98	cps
Uranium	238-1	46468	48057	47714	47413	1.76	cps
Vanadium	51-2	109079	110147	110292	109839	0.60	cps
Yttrium	89-1	13690521	13751890	13703117	13715176	0.24	cps
Yttrium	89-2	1768069	1805166	1805378	1792871	1.20	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-04DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:09:14	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	92796	93842	94007	93548	0.70	cps
Zirconium	90-1	162672	165876	165268	164605	1.03	cps
Zirconium	91-1	36631	37425	36397	36818	1.46	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-05DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS026-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:12:51 DataFile Name : 074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5002347	5013333	5048850	5021510	0.48	cps
Antimony	121-1	825	892	825	847	4.54	cps
Arsenic	75-2	4690	4851	5053	4864	3.74	cps
Barium	135-1	1085446	1089735	1093119	1089434	0.35	cps
Barium	137-1	1912676	1909509	1918868	1913684	0.25	cps
Beryllium	9-1	6463	6257	6968	6563	5.58	cps
Bismuth	209-1	11489926	11559854	11545058	11531613	0.32	cps
Bismuth	209-2	6511939	6201794	6211146	6308293	2.80	cps
Boron	10-1	5201	5218	5318	5246	1.20	cps
Boron	11-1	22493	22618	22759	22623	0.59	cps
Cadmium	111-1	4592	4756	4259	4536	5.59	cps
Cadmium	106-1	5518	5743	5268	5510	4.31	cps
Cadmium	108-1	292	342	321	318	7.90	cps
Calcium	43-1	137651	138964	139016	138544	0.56	cps
Calcium	44-1	2236405	2248349	2259655	2248136	0.52	cps
Chromium	52-2	128521	130175	130521	129739	0.82	cps
Cobalt	59-2	149657	150506	150744	150302	0.38	cps
Copper	63-2	185580	188696	186708	186995	0.84	cps
Dysprosium	156-1	91077	90591	91630	91099	0.57	cps
Dysprosium	156-2	45578	46472	45676	45909	1.07	cps
Erbium	164-1	86876	84846	86985	86236	1.40	cps
Erbium	164-2	41647	42282	41998	41976	0.76	cps
Gadolinium	160-1	85684	85383	86640	85903	0.76	cps
Gadolinium	160-2	46619	47696	47539	47285	1.23	cps
Holmium	165-1	16825108	16899654	16964375	16896379	0.41	cps
Holmium	165-2	8705189	8351889	8299011	8452029	2.61	cps
Indium	115-1	12495163	12529900	12492802	12505955	0.17	cps
Indium	115-2	2303196	2250272	2223562	2259010	1.79	cps
Iron	56-2	199052727	197421521	198830538	198434929	0.45	cps
Iron	57-2	4767414	4847308	4843138	4819287	0.93	cps
Krypton	83-1	457	540	373	457	18.25	cps
Lead	206-1	629222	630009	637618	632283	0.73	cps
Lead	207-1	521376	525447	525713	524179	0.46	cps
Lead	208-1	2436656	2448732	2456225	2447204	0.40	cps
Lithium	6-1	5473750	5497229	5493612	5488197	0.23	cps
Magnesium	24-2	3427680	3446146	3479115	3450980	0.76	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-05DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS026-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:12:51 DataFile Name : 074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5760364	5770636	5784369	5771789	0.21	cps
Molybdenum	94-1	86218	88960	87745	87641	1.57	cps
Molybdenum	95-1	5885	5618	5435	5646	4.01	cps
Molybdenum	96-1	24756	24514	25477	24916	2.01	cps
Molybdenum	97-1	3276	3542	3434	3417	3.93	cps
Molybdenum	98-1	9011	8486	8920	8806	3.19	cps
Neodymium	150-1	108241	110117	108982	109113	0.87	cps
Neodymium	150-2	41278	41335	42515	41710	1.67	cps
Nickel	60-2	72431	73125	72786	72781	0.48	cps
Phosphorus	31-2	6110	6435	7027	6524	7.13	cps
Potassium	39-2	368384	377515	379624	375174	1.59	cps
Rhodium	103-1	10901970	10977380	10964221	10947857	0.37	cps
Rhodium	103-2	5001526	4864267	4806325	4890706	2.05	cps
Scandium	45-1	8388308	8496671	8436029	8440336	0.64	cps
Scandium	45-2	322195	310908	306590	313231	2.57	cps
Selenium	77-2	173	207	183	188	9.11	cps
Selenium	78-2	174	215	220	203	12.45	cps
Selenium	82-1	350	213	481	348	38.51	cps
Silicon	28-1	17796431	17671773	17809454	17759219	0.43	cps
Silver	109-1	1550	1742	1684	1659	5.92	cps
Silver	107-1	1842	1825	1942	1870	3.38	cps
Sodium	23-2	105301	103766	104496	104521	0.73	cps
Strontium	86-1	113732	112983	112311	113009	0.63	cps
Strontium	88-1	977863	986112	978482	980819	0.47	cps
Sulfur	34-1	244525	239986	236626	240379	1.65	cps
Terbium	159-1	17069909	17214998	17028539	17104482	0.57	cps
Terbium	159-2	8474111	8096177	8018241	8196176	2.97	cps
Thallium	203-1	3859	3784	3717	3787	1.87	cps
Thallium	205-1	8970	8895	8453	8773	3.18	cps
Thorium	232-1	383291	384402	388954	385549	0.78	cps
Tin	118-1	2425	2625	2659	2570	4.91	cps
Titanium	47-1	94577	92984	94997	94186	1.13	cps
Uranium	238-1	43466	44277	43583	43775	1.00	cps
Vanadium	51-2	116559	117255	118639	117484	0.90	cps
Yttrium	89-1	13595033	13742549	13716564	13684715	0.58	cps
Yttrium	89-2	1812858	1760509	1743588	1772318	2.04	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-05DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:12:51	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	101197	101389	102211	101599	0.53	cps
Zirconium	90-1	232458	231297	234728	232828	0.75	cps
Zirconium	91-1	52155	52129	53074	52452	1.03	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-06DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS026-1824-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:16:27 DataFile Name : 075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4498899	4538135	4522573	4519869	0.44	cps
Antimony	121-1	367	425	417	403	7.83	cps
Arsenic	75-2	3002	3065	3189	3086	3.09	cps
Barium	135-1	1250947	1252348	1252765	1252020	0.08	cps
Barium	137-1	2214348	2215490	2225028	2218289	0.26	cps
Beryllium	9-1	6474	6513	6529	6505	0.44	cps
Bismuth	209-1	11045567	11148590	11482191	11225449	2.03	cps
Bismuth	209-2	6292425	6510887	6394929	6399414	1.71	cps
Boron	10-1	3667	3526	4076	3756	7.61	cps
Boron	11-1	15842	15717	15725	15762	0.44	cps
Cadmium	111-1	3619	3922	3622	3721	4.67	cps
Cadmium	106-1	4676	5093	4793	4854	4.43	cps
Cadmium	108-1	221	217	308	249	20.82	cps
Calcium	43-1	83377	84876	82950	83734	1.21	cps
Calcium	44-1	1356167	1356613	1356408	1356396	0.02	cps
Chromium	52-2	106954	106454	107287	106898	0.39	cps
Cobalt	59-2	127848	129468	129546	128954	0.74	cps
Copper	63-2	94935	96646	96875	96152	1.10	cps
Dysprosium	156-1	51172	50201	52377	51250	2.13	cps
Dysprosium	156-2	25594	26182	26208	25995	1.34	cps
Erbium	164-1	44165	44992	44649	44602	0.93	cps
Erbium	164-2	21373	21240	21851	21488	1.50	cps
Gadolinium	160-1	48119	48554	47249	47974	1.39	cps
Gadolinium	160-2	25861	26148	26062	26024	0.57	cps
Holmium	165-1	16013294	16247258	16820015	16360189	2.54	cps
Holmium	165-2	8505510	8618039	8527318	8550289	0.70	cps
Indium	115-1	11883796	12026649	12393632	12101359	2.17	cps
Indium	115-2	2254153	2335443	2296953	2295517	1.77	cps
Iron	56-2	190170788	188775449	189253015	189399751	0.37	cps
Iron	57-2	4596289	4631061	4668315	4631888	0.78	cps
Krypton	83-1	413	377	380	390	5.20	cps
Lead	206-1	451192	455586	451682	452820	0.53	cps
Lead	207-1	374135	372869	371342	372782	0.38	cps
Lead	208-1	1746899	1755259	1746383	1749514	0.28	cps
Lithium	6-1	5247309	5337813	5452747	5345956	1.93	cps
Magnesium	24-2	2636842	2645727	2662979	2648516	0.50	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-06DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS026-1824-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:16:27 DataFile Name : 075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5483398	5441328	5497752	5474159	0.54	cps
Molybdenum	94-1	52280	51644	50590	51505	1.66	cps
Molybdenum	95-1	3584	3876	3684	3715	3.99	cps
Molybdenum	96-1	16435	16944	16535	16638	1.62	cps
Molybdenum	97-1	2050	2284	2492	2275	9.71	cps
Molybdenum	98-1	5560	5643	5435	5546	1.89	cps
Neodymium	150-1	65623	66099	67156	66293	1.18	cps
Neodymium	150-2	25093	25163	25988	25415	1.96	cps
Nickel	60-2	58372	58289	57600	58087	0.73	cps
Phosphorus	31-2	8203	8728	8528	8486	3.12	cps
Potassium	39-2	259660	264193	262787	262213	0.88	cps
Rhodium	103-1	10475228	10470107	10907196	10617510	2.36	cps
Rhodium	103-2	4918023	5013533	4982866	4971474	0.98	cps
Scandium	45-1	7973243	7989561	8284919	8082574	2.17	cps
Scandium	45-2	311805	319718	314468	315330	1.28	cps
Selenium	77-2	137	127	117	127	7.89	cps
Selenium	78-2	161	139	146	149	7.60	cps
Selenium	82-1	125	188	211	175	25.57	cps
Silicon	28-1	6072918	6033670	5988776	6031788	0.70	cps
Silver	109-1	2200	1959	1967	2042	6.72	cps
Silver	107-1	2475	2159	2092	2242	9.14	cps
Sodium	23-2	95922	97290	97634	96949	0.93	cps
Strontium	86-1	73271	71102	70751	71708	1.90	cps
Strontium	88-1	620426	624332	627745	624168	0.59	cps
Sulfur	34-1	212206	210129	210034	210790	0.58	cps
Terbium	159-1	16190005	16494705	17080887	16588532	2.73	cps
Terbium	159-2	8212586	8406346	8245180	8288038	1.25	cps
Thallium	203-1	3376	3376	3359	3370	0.28	cps
Thallium	205-1	7844	8019	8153	8006	1.93	cps
Thorium	232-1	305231	307030	307948	306736	0.45	cps
Tin	118-1	1750	1884	1934	1856	5.11	cps
Titanium	47-1	38685	39094	39638	39139	1.22	cps
Uranium	238-1	30604	29977	30462	30348	1.08	cps
Vanadium	51-2	113506	113866	114013	113795	0.23	cps
Yttrium	89-1	12561483	12675078	13155568	12797376	2.46	cps
Yttrium	89-2	1692654	1743029	1725263	1720315	1.49	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-06DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS026-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:16:27	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	84295	84757	84985	84679	0.42	cps
Zirconium	90-1	133906	134299	135435	134547	0.59	cps
Zirconium	91-1	30325	29698	29949	29991	1.05	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-08DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS021-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:20:04 DataFile Name : 076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2012624	2032159	2041363	2028716	0.72	cps
Antimony	121-1	2292	2100	2209	2200	4.37	cps
Arsenic	75-2	2011	2058	2072	2047	1.56	cps
Barium	135-1	1452443	1478460	1491729	1474210	1.36	cps
Barium	137-1	2574520	2614375	2613722	2600872	0.88	cps
Beryllium	9-1	3534	3512	3262	3436	4.40	cps
Bismuth	209-1	12004170	12035642	12068273	12036028	0.27	cps
Bismuth	209-2	6529594	6681965	6588946	6600168	1.16	cps
Boron	10-1	4284	4242	4534	4354	3.62	cps
Boron	11-1	18379	19096	19204	18893	2.38	cps
Cadmium	111-1	5797	5595	5821	5738	2.16	cps
Cadmium	106-1	5001	4893	4976	4957	1.15	cps
Cadmium	108-1	238	233	292	254	12.80	cps
Calcium	43-1	181330	186370	185711	184470	1.48	cps
Calcium	44-1	2955182	2970094	3000231	2975169	0.77	cps
Chromium	52-2	54243	53390	54152	53928	0.87	cps
Cobalt	59-2	40703	40673	39985	40454	1.00	cps
Copper	63-2	198866	201477	199989	200111	0.65	cps
Dysprosium	156-1	52744	53263	53447	53151	0.69	cps
Dysprosium	156-2	27314	27271	27558	27381	0.57	cps
Erbium	164-1	50854	52226	52042	51707	1.44	cps
Erbium	164-2	24960	25310	24986	25085	0.78	cps
Gadolinium	160-1	52083	53138	53589	52937	1.46	cps
Gadolinium	160-2	29502	29335	29639	29492	0.52	cps
Holmium	165-1	17239388	17338188	17341793	17306456	0.34	cps
Holmium	165-2	8737859	8784083	8679776	8733906	0.60	cps
Indium	115-1	12823471	12860632	12948568	12877557	0.50	cps
Indium	115-2	2320253	2328766	2345041	2331353	0.54	cps
Iron	56-2	68585908	68195635	68096385	68292643	0.38	cps
Iron	57-2	1644532	1642564	1648396	1645164	0.18	cps
Krypton	83-1	450	467	390	436	9.26	cps
Lead	206-1	847418	857404	863142	855988	0.93	cps
Lead	207-1	707241	701167	712106	706838	0.78	cps
Lead	208-1	3273864	3275099	3328462	3292475	0.95	cps
Lithium	6-1	5523697	5542066	5547557	5537774	0.23	cps
Magnesium	24-2	667828	672769	673971	671523	0.48	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-08DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS021-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:20:04 DataFile Name : 076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1804923	1805554	1802577	1804351	0.09	cps
Molybdenum	94-1	34426	35278	35370	35024	1.49	cps
Molybdenum	95-1	8845	9045	8753	8881	1.68	cps
Molybdenum	96-1	15601	15743	16085	15809	1.57	cps
Molybdenum	97-1	5451	5476	5001	5310	5.04	cps
Molybdenum	98-1	14066	13340	14116	13841	3.14	cps
Neodymium	150-1	59783	58893	58270	58982	1.29	cps
Neodymium	150-2	22415	22305	22736	22485	1.00	cps
Nickel	60-2	24928	24908	24811	24882	0.25	cps
Phosphorus	31-2	12764	11980	12280	12342	3.21	cps
Potassium	39-2	251267	251752	250525	251182	0.25	cps
Rhodium	103-1	11333529	11308233	11257729	11299831	0.34	cps
Rhodium	103-2	5055851	5042458	5068904	5055738	0.26	cps
Scandium	45-1	8443011	8456295	8479065	8459457	0.22	cps
Scandium	45-2	316784	316202	316805	316597	0.11	cps
Selenium	77-2	130	113	100	114	13.13	cps
Selenium	78-2	230	222	198	217	7.60	cps
Selenium	82-1	707	683	756	715	5.20	cps
Silicon	28-1	3451616	3498580	3519585	3489927	1.00	cps
Silver	109-1	2875	2892	3009	2925	2.48	cps
Silver	107-1	3050	3234	3292	3192	3.95	cps
Sodium	23-2	46690	45871	46765	46442	1.07	cps
Strontium	86-1	148114	152324	152343	150927	1.61	cps
Strontium	88-1	1289500	1314308	1320223	1308010	1.25	cps
Sulfur	34-1	481560	483671	484256	483162	0.29	cps
Terbium	159-1	17386643	17542603	17640901	17523383	0.73	cps
Terbium	159-2	8450472	8455894	8422477	8442948	0.21	cps
Thallium	203-1	2134	2175	2167	2159	1.02	cps
Thallium	205-1	5076	5710	5551	5446	6.06	cps
Thorium	232-1	116303	117004	117918	117075	0.69	cps
Tin	118-1	4801	4918	5043	4921	2.46	cps
Titanium	47-1	65019	67496	65153	65889	2.11	cps
Uranium	238-1	46535	47797	47681	47338	1.47	cps
Vanadium	51-2	58392	58111	59653	58719	1.40	cps
Yttrium	89-1	13551753	13576796	13557756	13562102	0.10	cps
Yttrium	89-2	1767262	1754811	1738333	1753469	0.83	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-08DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:20:04	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	41395	41245	41476	41372	0.28	cps
Zirconium	90-1	82814	81154	82052	82007	1.01	cps
Zirconium	91-1	18696	18922	17837	18485	3.10	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-09DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS021-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:23:38 DataFile Name : 077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2722495	2716711	2674576	2704594	0.97	cps
Antimony	121-1	1542	1417	1400	1453	5.33	cps
Arsenic	75-2	3189	3110	3195	3165	1.51	cps
Barium	135-1	1498982	1512999	1532115	1514699	1.10	cps
Barium	137-1	2650910	2683155	2689999	2674688	0.78	cps
Beryllium	9-1	4712	4679	4756	4716	0.83	cps
Bismuth	209-1	11889977	11848665	11830184	11856275	0.26	cps
Bismuth	209-2	6585562	6475733	6483956	6515084	0.94	cps
Boron	10-1	3642	3409	3367	3473	4.27	cps
Boron	11-1	16576	16660	15942	16393	2.39	cps
Cadmium	111-1	6168	5975	5794	5979	3.13	cps
Cadmium	106-1	5418	4951	4984	5118	5.09	cps
Cadmium	108-1	250	308	363	307	18.33	cps
Calcium	43-1	123605	125655	126269	125176	1.11	cps
Calcium	44-1	2022213	2027851	2041713	2030592	0.49	cps
Chromium	52-2	71522	71596	71405	71508	0.13	cps
Cobalt	59-2	61508	60933	61542	61328	0.56	cps
Copper	63-2	230763	232564	231377	231568	0.40	cps
Dysprosium	156-1	76078	75416	77393	76296	1.32	cps
Dysprosium	156-2	38741	38601	38551	38631	0.26	cps
Erbium	164-1	72980	74378	73121	73493	1.05	cps
Erbium	164-2	35429	35289	35396	35371	0.21	cps
Gadolinium	160-1	76129	75835	77444	76469	1.12	cps
Gadolinium	160-2	42409	42486	42466	42454	0.09	cps
Holmium	165-1	17053652	17096036	17226889	17125526	0.53	cps
Holmium	165-2	8639691	8574588	8536817	8583699	0.61	cps
Indium	115-1	12669105	12560293	12688607	12639335	0.55	cps
Indium	115-2	2295846	2283441	2288496	2289261	0.27	cps
Iron	56-2	89987471	89928410	89769646	89895176	0.13	cps
Iron	57-2	2175252	2164745	2171178	2170392	0.24	cps
Krypton	83-1	410	487	403	433	10.69	cps
Lead	206-1	738487	743258	745605	742450	0.49	cps
Lead	207-1	616302	618124	622070	618832	0.48	cps
Lead	208-1	2852469	2877805	2894556	2874943	0.74	cps
Lithium	6-1	5483136	5481815	5474594	5479848	0.08	cps
Magnesium	24-2	1003950	1002166	995970	1000696	0.42	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-09DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS021-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:23:38 DataFile Name : 077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2439001	2443564	2437877	2440147	0.12	cps
Molybdenum	94-1	46327	47539	48074	47313	1.89	cps
Molybdenum	95-1	9795	9137	9262	9398	3.72	cps
Molybdenum	96-1	20065	18847	18337	19083	4.65	cps
Molybdenum	97-1	5585	5710	5626	5640	1.13	cps
Molybdenum	98-1	14374	14166	14366	14302	0.83	cps
Neodymium	150-1	81339	81521	83540	82133	1.49	cps
Neodymium	150-2	31018	30901	31466	31129	0.96	cps
Nickel	60-2	32613	31992	32259	32288	0.97	cps
Phosphorus	31-2	10304	10204	10095	10201	1.02	cps
Potassium	39-2	262423	261602	257990	260672	0.90	cps
Rhodium	103-1	11103824	11077814	11140221	11107286	0.28	cps
Rhodium	103-2	4938864	4986737	4976519	4967373	0.51	cps
Scandium	45-1	8364162	8354047	8363061	8360423	0.07	cps
Scandium	45-2	313607	312397	311172	312392	0.39	cps
Selenium	77-2	223	227	153	201	20.59	cps
Selenium	78-2	269	256	261	262	2.48	cps
Selenium	82-1	855	737	847	813	8.15	cps
Silicon	28-1	3819551	3884545	4031105	3911734	2.77	cps
Silver	109-1	2617	2900	2725	2748	5.20	cps
Silver	107-1	3175	2925	3017	3039	4.16	cps
Sodium	23-2	47159	46239	47033	46810	1.07	cps
Strontium	86-1	121140	121158	123031	121776	0.89	cps
Strontium	88-1	1044497	1053070	1051795	1049787	0.44	cps
Sulfur	34-1	447370	447872	447445	447562	0.06	cps
Terbium	159-1	17303237	17299563	17378149	17326983	0.26	cps
Terbium	159-2	8281706	8357023	8273480	8304070	0.55	cps
Thallium	203-1	2734	2567	2425	2575	5.99	cps
Thallium	205-1	5968	6385	6427	6260	4.05	cps
Thorium	232-1	210439	210818	211282	210846	0.20	cps
Tin	118-1	3251	3234	3392	3292	2.64	cps
Titanium	47-1	77411	76356	77940	77236	1.04	cps
Uranium	238-1	59287	60057	59605	59650	0.65	cps
Vanadium	51-2	84393	84849	83113	84118	1.07	cps
Yttrium	89-1	13635656	13574735	13588513	13599635	0.23	cps
Yttrium	89-2	1756614	1761792	1761744	1760050	0.17	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-09DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:23:38	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	47119	47039	46588	46915	0.61	cps
Zirconium	90-1	114807	115219	115949	115325	0.50	cps
Zirconium	91-1	24889	25515	26050	25485	2.28	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-10DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS021-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:27:13 DataFile Name : 078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2419202	2449800	2453788	2440930	0.78	cps
Antimony	121-1	1775	1859	1800	1811	2.36	cps
Arsenic	75-2	2398	2580	2511	2497	3.67	cps
Barium	135-1	1468159	1476660	1473825	1472881	0.29	cps
Barium	137-1	2592426	2581122	2606792	2593446	0.50	cps
Beryllium	9-1	3962	4023	3906	3964	1.47	cps
Bismuth	209-1	11835569	11905116	11754257	11831647	0.64	cps
Bismuth	209-2	6430431	6431544	6484704	6448893	0.48	cps
Boron	10-1	3684	3626	3401	3570	4.19	cps
Boron	11-1	15784	15659	15617	15687	0.55	cps
Cadmium	111-1	5731	5185	5167	5361	5.99	cps
Cadmium	106-1	5101	4526	4726	4784	6.10	cps
Cadmium	108-1	313	304	404	340	16.31	cps
Calcium	43-1	181988	180748	181196	181311	0.35	cps
Calcium	44-1	2894558	2939067	2903434	2912353	0.81	cps
Chromium	52-2	64444	62977	64162	63861	1.22	cps
Cobalt	59-2	57221	57904	57405	57510	0.61	cps
Copper	63-2	185745	188068	187302	187038	0.63	cps
Dysprosium	156-1	56023	56534	55940	56166	0.57	cps
Dysprosium	156-2	29218	28977	29031	29075	0.43	cps
Erbium	164-1	54995	56275	55112	55461	1.28	cps
Erbium	164-2	27364	27057	27294	27238	0.59	cps
Gadolinium	160-1	56593	55397	57380	56456	1.77	cps
Gadolinium	160-2	30972	31242	32502	31572	2.59	cps
Holmium	165-1	16934082	16944436	16878511	16919010	0.21	cps
Holmium	165-2	8617773	8497141	8541608	8552174	0.71	cps
Indium	115-1	12531389	12558053	12479338	12522927	0.32	cps
Indium	115-2	2275794	2269766	2304958	2283506	0.82	cps
Iron	56-2	82774360	81825788	82404496	82334881	0.58	cps
Iron	57-2	1969149	1974235	1981576	1974987	0.32	cps
Krypton	83-1	393	450	413	419	6.86	cps
Lead	206-1	599045	600850	604486	601461	0.46	cps
Lead	207-1	496082	498169	497670	497307	0.22	cps
Lead	208-1	2317611	2332463	2321764	2323946	0.33	cps
Lithium	6-1	5426370	5435415	5440011	5433932	0.13	cps
Magnesium	24-2	1121392	1122784	1126824	1123667	0.25	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-10DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS021-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:27:13 DataFile Name : 078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2494529	2485067	2517017	2498871	0.66	cps
Molybdenum	94-1	48417	47229	48901	48182	1.79	cps
Molybdenum	95-1	7794	7636	7777	7736	1.13	cps
Molybdenum	96-1	17186	16802	17278	17089	1.48	cps
Molybdenum	97-1	4809	4676	4709	4732	1.47	cps
Molybdenum	98-1	12064	12014	12781	12286	3.49	cps
Neodymium	150-1	60794	62255	62449	61832	1.46	cps
Neodymium	150-2	22786	23430	23320	23179	1.49	cps
Nickel	60-2	30839	30936	31003	30926	0.27	cps
Phosphorus	31-2	10029	9370	10120	9840	4.16	cps
Potassium	39-2	232589	234989	233282	233620	0.53	cps
Rhodium	103-1	10963751	11047601	10948903	10986751	0.48	cps
Rhodium	103-2	4902260	4954346	4977305	4944637	0.78	cps
Scandium	45-1	8150428	8294543	8254017	8232996	0.90	cps
Scandium	45-2	306560	308720	309419	308233	0.48	cps
Selenium	77-2	130	130	137	132	2.91	cps
Selenium	78-2	193	224	228	215	9.00	cps
Selenium	82-1	640	635	603	626	3.24	cps
Silicon	28-1	7400846	7399482	7462720	7421016	0.49	cps
Silver	109-1	2475	2367	2209	2350	5.71	cps
Silver	107-1	2325	2367	2267	2320	2.17	cps
Sodium	23-2	53028	54650	54675	54118	1.74	cps
Strontium	86-1	150649	150220	151645	150838	0.48	cps
Strontium	88-1	1317337	1313063	1329525	1319975	0.65	cps
Sulfur	34-1	413781	410357	416286	413475	0.72	cps
Terbium	159-1	17198457	17183248	17247629	17209778	0.20	cps
Terbium	159-2	8219522	8214607	8217761	8217297	0.03	cps
Thallium	203-1	2150	2409	2059	2206	8.23	cps
Thallium	205-1	4834	5251	4893	4993	4.52	cps
Thorium	232-1	127215	130289	128722	128742	1.19	cps
Tin	118-1	3601	3842	3792	3745	3.41	cps
Titanium	47-1	78156	76030	77822	77336	1.48	cps
Uranium	238-1	42738	44754	45255	44249	3.01	cps
Vanadium	51-2	65351	66298	65330	65660	0.84	cps
Yttrium	89-1	13254700	13191744	13293391	13246612	0.39	cps
Yttrium	89-2	1711858	1720206	1732462	1721509	0.60	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-10DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:27:13	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	47878	47908	48504	48097	0.73	cps
Zirconium	90-1	120546	117261	118739	118849	1.38	cps
Zirconium	91-1	24931	27043	25857	25944	4.08	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-11DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS021-1824-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:30:48 DataFile Name : 079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3436331	3467316	3467263	3456970	0.52	cps
Antimony	121-1	1333	1342	1467	1381	5.41	cps
Arsenic	75-2	3567	3621	3639	3609	1.04	cps
Barium	135-1	1377763	1381707	1384092	1381187	0.23	cps
Barium	137-1	2448054	2447609	2429701	2441788	0.43	cps
Beryllium	9-1	4640	4856	5007	4834	3.81	cps
Bismuth	209-1	11503476	11503386	11430060	11478974	0.37	cps
Bismuth	209-2	6248584	6252750	6325247	6275527	0.69	cps
Boron	10-1	3150	3242	3367	3253	3.34	cps
Boron	11-1	13865	15008	14274	14382	4.03	cps
Cadmium	111-1	4752	4860	4916	4842	1.72	cps
Cadmium	106-1	4776	4884	5160	4940	4.00	cps
Cadmium	108-1	375	288	388	350	15.57	cps
Calcium	43-1	116851	116455	116800	116702	0.18	cps
Calcium	44-1	1845129	1859577	1865252	1856653	0.56	cps
Chromium	52-2	89442	90190	89657	89763	0.43	cps
Cobalt	59-2	96739	96508	98122	97123	0.90	cps
Copper	63-2	197810	198956	198624	198464	0.30	cps
Dysprosium	156-1	62652	63975	64344	63657	1.40	cps
Dysprosium	156-2	33204	33424	33177	33268	0.41	cps
Erbium	164-1	61598	62779	62243	62207	0.95	cps
Erbium	164-2	30434	31236	31373	31014	1.64	cps
Gadolinium	160-1	64939	62761	65448	64383	2.22	cps
Gadolinium	160-2	35209	35904	35854	35655	1.09	cps
Holmium	165-1	16686940	16793677	16584422	16688346	0.63	cps
Holmium	165-2	8372905	8303162	8326569	8334212	0.43	cps
Indium	115-1	12218070	12315981	12144377	12226143	0.70	cps
Indium	115-2	2203373	2218057	2244495	2221975	0.94	cps
Iron	56-2	124833761	124950886	124184653	124656433	0.33	cps
Iron	57-2	3006633	3021016	3020820	3016156	0.27	cps
Krypton	83-1	440	423	447	437	2.75	cps
Lead	206-1	726080	730166	732640	729629	0.45	cps
Lead	207-1	603757	601843	606665	604088	0.40	cps
Lead	208-1	2811534	2817759	2815374	2814889	0.11	cps
Lithium	6-1	5311841	5330507	5353781	5332043	0.39	cps
Magnesium	24-2	1783553	1796631	1804703	1794962	0.59	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-11DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:30:48	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3717769	3750395	3756061	3741409	0.55	cps
Molybdenum	94-1	61768	62094	62496	62119	0.59	cps
Molybdenum	95-1	7786	8161	7719	7889	3.02	cps
Molybdenum	96-1	20073	20107	20090	20090	0.08	cps
Molybdenum	97-1	4734	4968	4718	4807	2.91	cps
Molybdenum	98-1	11563	11980	12498	12014	3.90	cps
Neodymium	150-1	71265	68564	70882	70237	2.08	cps
Neodymium	150-2	26279	27047	26395	26574	1.56	cps
Nickel	60-2	46514	46895	45758	46389	1.25	cps
Phosphorus	31-2	9595	9312	9387	9431	1.56	cps
Potassium	39-2	272255	271618	274334	272736	0.52	cps
Rhodium	103-1	10667578	10688558	10695412	10683849	0.14	cps
Rhodium	103-2	4795654	4836460	4828063	4820059	0.45	cps
Scandium	45-1	8090147	8120567	8149591	8120102	0.37	cps
Scandium	45-2	299974	303354	306289	303205	1.04	cps
Selenium	77-2	157	110	137	134	17.42	cps
Selenium	78-2	213	181	213	202	8.98	cps
Selenium	82-1	511	547	467	508	7.89	cps
Silicon	28-1	10170743	10199683	10213002	10194476	0.21	cps
Silver	109-1	2217	2009	2125	2117	4.93	cps
Silver	107-1	2117	2100	2117	2111	0.46	cps
Sodium	23-2	51246	51757	52735	51913	1.46	cps
Strontium	86-1	108617	111774	111153	110515	1.51	cps
Strontium	88-1	965308	963514	964154	964325	0.09	cps
Sulfur	34-1	360220	359248	361916	360461	0.37	cps
Terbium	159-1	16805297	16890037	16713137	16802824	0.53	cps
Terbium	159-2	8056513	8058356	8073010	8062626	0.11	cps
Thallium	203-1	2675	2659	2817	2717	3.20	cps
Thallium	205-1	6177	6243	6152	6191	0.77	cps
Thorium	232-1	228605	229142	229772	229173	0.25	cps
Tin	118-1	3851	3459	3334	3548	7.60	cps
Titanium	47-1	80335	80730	81534	80866	0.76	cps
Uranium	238-1	47346	46836	46593	46925	0.82	cps
Vanadium	51-2	85211	86341	85312	85621	0.73	cps
Yttrium	89-1	13044566	13106364	13054412	13068447	0.25	cps
Yttrium	89-2	1687836	1700519	1690940	1693098	0.39	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-11DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS021-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:30:48	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	67458	67247	67234	67313	0.19	cps
Zirconium	90-1	157827	157355	158190	157790	0.27	cps
Zirconium	91-1	35419	34985	35395	35266	0.69	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-12DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:34:23 DataFile Name : 080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1945284	1963484	1954804	1954524	0.47	cps
Antimony	121-1	1308	1492	1342	1381	7.07	cps
Arsenic	75-2	1532	1572	1480	1528	3.04	cps
Barium	135-1	686963	684547	690759	687423	0.46	cps
Barium	137-1	1203610	1208300	1214143	1208684	0.44	cps
Beryllium	9-1	2495	2367	2256	2372	5.04	cps
Bismuth	209-1	10909799	11478289	11293589	11227226	2.58	cps
Bismuth	209-2	6157641	6206464	6176966	6180357	0.40	cps
Boron	10-1	3367	3317	3184	3289	2.88	cps
Boron	11-1	13857	14583	14532	14324	2.83	cps
Cadmium	111-1	4119	4590	4484	4397	5.62	cps
Cadmium	106-1	4126	4601	4518	4415	5.75	cps
Cadmium	108-1	213	229	196	213	7.84	cps
Calcium	43-1	115305	115666	118035	116336	1.27	cps
Calcium	44-1	1882267	1866600	1885285	1878051	0.53	cps
Chromium	52-2	54393	54751	53818	54321	0.87	cps
Cobalt	59-2	44180	43809	44377	44122	0.65	cps
Copper	63-2	143490	143969	143341	143600	0.23	cps
Dysprosium	156-1	46864	46429	47291	46862	0.92	cps
Dysprosium	156-2	23674	23664	23931	23756	0.64	cps
Erbium	164-1	41840	42534	43094	42489	1.48	cps
Erbium	164-2	20629	21177	21130	20979	1.45	cps
Gadolinium	160-1	45785	47015	46104	46301	1.38	cps
Gadolinium	160-2	26172	25681	26068	25974	1.00	cps
Holmium	165-1	15551989	16527789	16101471	16060417	3.05	cps
Holmium	165-2	8240432	8205408	8192518	8212786	0.30	cps
Indium	115-1	11579152	12228360	11798085	11868532	2.78	cps
Indium	115-2	2183767	2191351	2182534	2185884	0.22	cps
Iron	56-2	60314047	60117281	60615414	60348914	0.42	cps
Iron	57-2	1454698	1462843	1470917	1462819	0.55	cps
Krypton	83-1	343	380	400	374	7.68	cps
Lead	206-1	421792	415214	422100	419702	0.93	cps
Lead	207-1	347175	345978	349780	347645	0.56	cps
Lead	208-1	1619376	1617097	1625639	1620704	0.27	cps
Lithium	6-1	5033856	5263310	5146969	5148045	2.23	cps
Magnesium	24-2	1051153	1053415	1047198	1050589	0.30	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-12DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:34:23 DataFile Name : 080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1572780	1568326	1576871	1572659	0.27	cps
Molybdenum	94-1	32489	31870	31661	32006	1.34	cps
Molybdenum	95-1	4893	4734	4868	4832	1.76	cps
Molybdenum	96-1	11388	11447	10413	11083	5.24	cps
Molybdenum	97-1	3042	3067	2842	2984	4.13	cps
Molybdenum	98-1	7652	7711	7902	7755	1.69	cps
Neodymium	150-1	56027	56924	57473	56808	1.28	cps
Neodymium	150-2	21270	21754	21023	21349	1.74	cps
Nickel	60-2	26180	27042	27282	26835	2.16	cps
Phosphorus	31-2	9011	9420	9212	9214	2.22	cps
Potassium	39-2	277315	280504	283680	280500	1.13	cps
Rhodium	103-1	10123106	10731732	10399484	10418107	2.93	cps
Rhodium	103-2	4745294	4759100	4740278	4748224	0.21	cps
Scandium	45-1	7484780	7874747	7703865	7687797	2.54	cps
Scandium	45-2	295270	293107	292141	293506	0.55	cps
Selenium	77-2	103	83	120	102	17.96	cps
Selenium	78-2	148	194	163	169	14.03	cps
Selenium	82-1	468	393	404	421	9.61	cps
Silicon	28-1	8882465	8871260	8875859	8876528	0.06	cps
Silver	109-1	1067	1183	1283	1178	9.21	cps
Silver	107-1	1292	1325	1475	1364	7.16	cps
Sodium	23-2	43171	45720	43631	44174	3.08	cps
Strontium	86-1	82646	83786	82479	82970	0.86	cps
Strontium	88-1	717170	720427	723749	720449	0.46	cps
Sulfur	34-1	319398	319732	321346	320159	0.33	cps
Terbium	159-1	15764972	16676645	16212869	16218162	2.81	cps
Terbium	159-2	7993246	7930863	7948465	7957525	0.40	cps
Thallium	203-1	1575	1775	1884	1745	8.97	cps
Thallium	205-1	3976	3942	4209	4042	3.60	cps
Thorium	232-1	104006	105993	106543	105514	1.27	cps
Tin	118-1	2500	2617	2859	2659	6.88	cps
Titanium	47-1	81785	81097	82589	81824	0.91	cps
Uranium	238-1	36210	36945	36954	36703	1.16	cps
Vanadium	51-2	44969	44373	44577	44640	0.68	cps
Yttrium	89-1	12017333	12676963	12336947	12343748	2.67	cps
Yttrium	89-2	1621014	1634221	1625216	1626817	0.41	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-12DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:34:23	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	44257	44571	44411	44413	0.35	cps
Zirconium	90-1	76554	79228	78667	78150	1.80	cps
Zirconium	91-1	17386	17545	17453	17461	0.46	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:37:59 DataFile Name : 081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2517891	2512163	2498051	2509368	0.41	cps
Antimony	121-1	1550	1583	1542	1558	1.41	cps
Arsenic	75-2	2276	2311	2315	2301	0.93	cps
Barium	135-1	1120394	1118567	1123139	1120700	0.21	cps
Barium	137-1	1963635	1975209	1977906	1972250	0.38	cps
Beryllium	9-1	3428	3378	3234	3347	3.02	cps
Bismuth	209-1	11363929	11580105	11304288	11416107	1.27	cps
Bismuth	209-2	6221165	6334846	6284121	6280044	0.91	cps
Boron	10-1	2642	2717	2667	2675	1.43	cps
Boron	11-1	11605	11989	12372	11989	3.20	cps
Cadmium	111-1	4987	5239	5366	5197	3.70	cps
Cadmium	106-1	4459	4543	4843	4615	4.37	cps
Cadmium	108-1	275	321	321	306	8.66	cps
Calcium	43-1	88523	86318	88531	87791	1.45	cps
Calcium	44-1	1424756	1407267	1424589	1418871	0.71	cps
Chromium	52-2	64638	65441	64581	64887	0.74	cps
Cobalt	59-2	65753	64374	65449	65192	1.11	cps
Copper	63-2	182796	183080	184726	183534	0.57	cps
Dysprosium	156-1	57638	58944	59831	58805	1.88	cps
Dysprosium	156-2	29652	30400	31235	30429	2.60	cps
Erbium	164-1	54828	55045	55179	55017	0.32	cps
Erbium	164-2	26453	27244	26506	26734	1.65	cps
Gadolinium	160-1	59045	58785	59162	58997	0.33	cps
Gadolinium	160-2	32559	32656	33454	32890	1.49	cps
Holmium	165-1	16169966	16547666	16169095	16295576	1.34	cps
Holmium	165-2	8323659	8335725	8268304	8309229	0.43	cps
Indium	115-1	12084968	12301001	11973271	12119746	1.37	cps
Indium	115-2	2197909	2226131	2221556	2215199	0.68	cps
Iron	56-2	86811019	86713110	86606260	86710130	0.12	cps
Iron	57-2	2073290	2099667	2098153	2090370	0.71	cps
Krypton	83-1	440	360	410	403	10.02	cps
Lead	206-1	554441	553228	560838	556169	0.74	cps
Lead	207-1	465745	459731	468432	464636	0.96	cps
Lead	208-1	2162291	2138403	2170163	2156952	0.77	cps
Lithium	6-1	5260627	5326273	5235536	5274145	0.89	cps
Magnesium	24-2	1220787	1221352	1221016	1221052	0.02	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:37:59	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1681133	1691883	1678382	1683800	0.42	cps
Molybdenum	94-1	43751	44963	43166	43960	2.08	cps
Molybdenum	95-1	5660	6077	6193	5976	4.69	cps
Molybdenum	96-1	14658	15375	14792	14942	2.55	cps
Molybdenum	97-1	3726	3926	3959	3870	3.26	cps
Molybdenum	98-1	9512	9754	9704	9657	1.32	cps
Neodymium	150-1	70581	68892	69656	69710	1.21	cps
Neodymium	150-2	25894	26252	26539	26228	1.23	cps
Nickel	60-2	37047	36940	37755	37247	1.19	cps
Phosphorus	31-2	7727	8361	8236	8108	4.14	cps
Potassium	39-2	289041	297776	294722	293847	1.51	cps
Rhodium	103-1	10460637	10738879	10540812	10580109	1.35	cps
Rhodium	103-2	4787254	4809004	4816546	4804268	0.32	cps
Scandium	45-1	7915115	7968974	7919415	7934501	0.38	cps
Scandium	45-2	298993	301738	300501	300411	0.46	cps
Selenium	77-2	93	93	160	116	33.30	cps
Selenium	78-2	181	243	194	206	15.62	cps
Selenium	82-1	544	571	606	574	5.43	cps
Silicon	28-1	8532618	8556302	8503173	8530698	0.31	cps
Silver	109-1	1175	1425	1333	1311	9.65	cps
Silver	107-1	1450	1417	1475	1447	2.02	cps
Sodium	23-2	43280	44960	43715	43985	1.98	cps
Strontium	86-1	80627	81238	79076	80314	1.39	cps
Strontium	88-1	705603	709705	698499	704602	0.80	cps
Sulfur	34-1	359066	359624	360166	359619	0.15	cps
Terbium	159-1	16607944	16871464	16631265	16703558	0.87	cps
Terbium	159-2	8028617	8060502	8075355	8054824	0.30	cps
Thallium	203-1	1892	1834	1875	1867	1.61	cps
Thallium	205-1	4418	4501	4559	4493	1.59	cps
Thorium	232-1	155189	156653	155938	155927	0.47	cps
Tin	118-1	2825	2642	2909	2792	4.89	cps
Titanium	47-1	82338	82850	82430	82539	0.33	cps
Uranium	238-1	47447	45481	45147	46025	2.70	cps
Vanadium	51-2	58449	57987	59235	58557	1.08	cps
Yttrium	89-1	12683865	12886738	12646303	12738969	1.02	cps
Yttrium	89-2	1651420	1679187	1678996	1669868	0.96	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:37:59	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	50266	49738	49701	49902	0.63	cps
Zirconium	90-1	110020	109869	109508	109799	0.24	cps
Zirconium	91-1	24647	24280	24631	24519	0.85	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 19:46:06	DataFile Name :	082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6516077	6502044	6505694	6507938	0.11	cps
Antimony	121-1	5263349	5346911	5403452	5337904	1.32	cps
Arsenic	75-2	153538	153298	155621	154152	0.83	cps
Barium	135-1	7140779	7135625	7203315	7159906	0.53	cps
Barium	137-1	12531469	12762380	12773011	12688954	1.08	cps
Beryllium	9-1	1654326	1653147	1660211	1655895	0.23	cps
Bismuth	209-1	9366039	9410407	9449813	9408753	0.45	cps
Bismuth	209-2	5007200	5066591	5075923	5049905	0.74	cps
Boron	10-1	322402	332455	343317	332725	3.14	cps
Boron	11-1	1436750	1472905	1519564	1476406	2.81	cps
Cadmium	111-1	1700878	1721596	1737466	1719980	1.07	cps
Cadmium	106-1	185685	190910	189797	188798	1.46	cps
Cadmium	108-1	126508	129127	127925	127853	1.03	cps
Calcium	43-1	9609079	9650633	9649222	9636311	0.24	cps
Calcium	44-1	155733883	155950287	155959895	155881355	0.08	cps
Chromium	52-2	1563404	1563189	1571349	1565980	0.30	cps
Cobalt	59-2	2462390	2481614	2512072	2485358	1.01	cps
Copper	63-2	3542955	3558938	3597118	3566337	0.78	cps
Dysprosium	156-1	300	208	167	225	30.32	cps
Dysprosium	156-2	113	160	180	151	22.64	cps
Erbium	164-1	50	25	67	47	44.41	cps
Erbium	164-2	50	47	57	51	9.96	cps
Gadolinium	160-1	183	133	142	153	17.53	cps
Gadolinium	160-2	270	267	247	261	4.83	cps
Holmium	165-1	15256682	15362266	15460808	15359919	0.66	cps
Holmium	165-2	7655074	7684678	7691666	7677139	0.25	cps
Indium	115-1	10486769	10493133	10570887	10516930	0.45	cps
Indium	115-2	1892852	1931181	1940851	1921628	1.32	cps
Iron	56-2	342659174	342348308	345484763	343497415	0.50	cps
Iron	57-2	8372802	8434087	8464421	8423770	0.55	cps
Krypton	83-1	443	397	357	399	10.87	cps
Lead	206-1	5261560	5337363	5380653	5326525	1.13	cps
Lead	207-1	4676028	4784264	4847077	4769123	1.81	cps
Lead	208-1	21206018	21411827	21598651	21405499	0.92	cps
Lithium	6-1	4641218	4688563	4730458	4686746	0.95	cps
Magnesium	24-2	70210683	70372662	70713712	70432352	0.36	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 19:46:06	DataFile Name :	082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1953258	1970882	1994104	1972748	1.04	cps
Molybdenum	94-1	11296490	11453980	11439672	11396714	0.76	cps
Molybdenum	95-1	13875611	14035070	13943437	13951373	0.57	cps
Molybdenum	96-1	15432068	15621167	15556907	15536714	0.62	cps
Molybdenum	97-1	8624584	8702873	8764344	8697267	0.81	cps
Molybdenum	98-1	22235228	22475664	22518316	22409736	0.68	cps
Neodymium	150-1	800	813	787	800	1.67	cps
Neodymium	150-2	107	110	90	102	10.48	cps
Nickel	60-2	620782	626304	628351	625145	0.63	cps
Phosphorus	31-2	63218	64255	62875	63449	1.13	cps
Potassium	39-2	29959005	29997128	30075190	30010441	0.20	cps
Rhodium	103-1	8655720	8808458	8802942	8755707	0.99	cps
Rhodium	103-2	3914061	3965104	3947133	3942099	0.66	cps
Scandium	45-1	7100808	7193083	7215341	7169744	0.85	cps
Scandium	45-2	276511	276726	279235	277491	0.55	cps
Selenium	77-2	5071	4741	4758	4856	3.83	cps
Selenium	78-2	15961	16320	16237	16173	1.16	cps
Selenium	82-1	115930	118502	118051	117494	1.17	cps
Silicon	28-1	4564930	4649610	4703202	4639247	1.50	cps
Silver	109-1	7115562	7168600	7188599	7157587	0.53	cps
Silver	107-1	7456819	7492245	7541422	7496829	0.57	cps
Sodium	23-2	133212224	132588590	134817228	133539347	0.86	cps
Strontium	86-1	1917064	1946790	1954798	1939551	1.03	cps
Strontium	88-1	16767727	16879549	16838663	16828646	0.34	cps
Sulfur	34-1	934815	934034	935496	934782	0.08	cps
Terbium	159-1	15257353	15446173	15513805	15405777	0.86	cps
Terbium	159-2	7345990	7373247	7424718	7381318	0.54	cps
Thallium	203-1	6564350	6571957	6581116	6572474	0.13	cps
Thallium	205-1	15779780	15714961	15743881	15746207	0.21	cps
Thorium	232-1	24613017	24653975	24709519	24658837	0.20	cps
Tin	118-1	4931301	5061016	5074424	5022247	1.57	cps
Titanium	47-1	4174281	4202452	4233983	4203572	0.71	cps
Uranium	238-1	23794534	24000885	23885948	23893789	0.43	cps
Vanadium	51-2	1252552	1251684	1268873	1257703	0.77	cps
Yttrium	89-1	11023504	11060050	11070461	11051338	0.22	cps
Yttrium	89-2	1439590	1447661	1464839	1450697	0.89	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV22	Instrumnet Name :	P7
Client Sample ID :	CCV22	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 19:46:06	DataFile Name :	082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	661434	666099	670466	666000	0.68	cps
Zirconium	90-1	9598838	9654014	9641478	9631443	0.30	cps
Zirconium	91-1	2127479	2158860	2169855	2152065	1.02	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : CCB22 Instrumnet Name : P7
 Client Sample ID : CCB22 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 19:49:47 DataFile Name : 083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	508	367	367	414	19.76	cps
Antimony	121-1	2575	2292	2184	2350	8.61	cps
Arsenic	75-2	11	19	13	14	27.17	cps
Barium	135-1	917	675	792	795	15.21	cps
Barium	137-1	1742	1375	1183	1433	19.79	cps
Beryllium	9-1	406	439	383	409	6.83	cps
Bismuth	209-1	11707543	11522983	10998933	11409820	3.22	cps
Bismuth	209-2	6306192	6263026	6294742	6287987	0.36	cps
Boron	10-1	12864	11588	10579	11677	9.81	cps
Boron	11-1	56749	51940	46347	51679	10.07	cps
Cadmium	111-1	3509	3089	2821	3140	11.06	cps
Cadmium	106-1	4601	4134	3759	4165	10.13	cps
Cadmium	108-1	46	13	33	31	55.11	cps
Calcium	43-1	1150	975	775	967	19.41	cps
Calcium	44-1	19380	17803	15542	17575	10.98	cps
Chromium	52-2	907	1067	1077	1017	9.38	cps
Cobalt	59-2	213	233	170	206	15.75	cps
Copper	63-2	470	477	487	478	1.76	cps
Dysprosium	156-1	33	17	33	28	34.63	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	58	50	67	58	14.29	cps
Erbium	164-2	23	23	27	24	7.89	cps
Gadolinium	160-1	8	33	58	33	75.02	cps
Gadolinium	160-2	237	247	240	241	2.11	cps
Holmium	165-1	16222868	16180972	15255935	15886592	3.44	cps
Holmium	165-2	8315533	8133865	8150273	8199891	1.23	cps
Indium	115-1	12367303	12088444	11528293	11994680	3.56	cps
Indium	115-2	2248109	2214588	2227159	2229952	0.76	cps
Iron	56-2	26792	26369	24716	25959	4.23	cps
Iron	57-2	667	711	578	652	10.41	cps
Krypton	83-1	337	387	323	349	9.57	cps
Lead	206-1	1667	1506	1600	1591	5.09	cps
Lead	207-1	1522	1417	1272	1404	8.94	cps
Lead	208-1	6795	6229	5745	6256	8.40	cps
Lithium	6-1	5198376	5145169	4963170	5102238	2.42	cps
Magnesium	24-2	4418	4184	3959	4187	5.48	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 19:49:47	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	260	233	247	247	5.41	cps
Molybdenum	94-1	3309	2800	2500	2870	14.24	cps
Molybdenum	95-1	4609	3759	3501	3956	14.66	cps
Molybdenum	96-1	4993	4209	3617	4273	16.15	cps
Molybdenum	97-1	2709	2450	2050	2403	13.81	cps
Molybdenum	98-1	7277	5835	5318	6143	16.53	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	100	80	80	87	13.32	cps
Phosphorus	31-2	100	75	50	75	33.33	cps
Potassium	39-2	13807	14232	14341	14127	2.00	cps
Rhodium	103-1	10892408	10768529	10171744	10610894	3.63	cps
Rhodium	103-2	4911613	4819748	4873799	4868387	0.95	cps
Scandium	45-1	7919562	7845703	7394861	7720042	3.68	cps
Scandium	45-2	300555	296677	296135	297789	0.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	54	59	53	12.25	cps
Selenium	82-1	66	-36	27	19	270.60	cps
Silicon	28-1	236916	236886	237149	236984	0.06	cps
Silver	109-1	1258	1158	817	1078	21.49	cps
Silver	107-1	1200	975	917	1031	14.52	cps
Sodium	23-2	22342	21049	20298	21230	4.87	cps
Strontium	86-1	767	750	642	719	9.43	cps
Strontium	88-1	1667	1475	1367	1503	10.11	cps
Sulfur	34-1	226943	226809	225167	226306	0.44	cps
Terbium	159-1	16524734	16432375	15530482	16162530	3.40	cps
Terbium	159-2	8094375	7896424	7880316	7957038	1.50	cps
Thallium	203-1	1800	1542	1559	1634	8.85	cps
Thallium	205-1	4176	3992	3767	3979	5.14	cps
Thorium	232-1	4490	3967	3362	3940	14.33	cps
Tin	118-1	1892	1642	1400	1645	14.95	cps
Titanium	47-1	567	508	308	461	29.38	cps
Uranium	238-1	2567	2325	1742	2211	19.18	cps
Vanadium	51-2	87	50	77	71	26.66	cps
Yttrium	89-1	12134696	12091122	11544907	11923575	2.76	cps
Yttrium	89-2	1599731	1570485	1578264	1582827	0.96	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB22	Instrumnet Name :	P7
Client Sample ID :	CCB22	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 19:49:47	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	347	317	327	330	4.63	cps
Zirconium	90-1	2000	1825	1642	1822	9.83	cps
Zirconium	91-1	533	475	392	467	15.26	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13DUPDLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01DU Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:53:52 DataFile Name : 084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2647436	2650125	2665489	2654350	0.37	cps
Antimony	121-1	2367	2450	2300	2373	3.17	cps
Arsenic	75-2	2380	2597	2543	2506	4.50	cps
Barium	135-1	1178152	1174106	1186569	1179609	0.54	cps
Barium	137-1	2064447	2067916	2099363	2077242	0.93	cps
Beryllium	9-1	3628	3528	3556	3571	1.45	cps
Bismuth	209-1	11654252	11740909	11838229	11744463	0.78	cps
Bismuth	209-2	6542247	6494752	6594024	6543674	0.76	cps
Boron	10-1	6035	5835	5726	5865	2.67	cps
Boron	11-1	27050	26182	25673	26302	2.65	cps
Cadmium	111-1	5592	5639	5906	5712	2.97	cps
Cadmium	106-1	4793	5084	5318	5065	5.20	cps
Cadmium	108-1	275	321	292	296	7.84	cps
Calcium	43-1	93351	94811	95164	94442	1.02	cps
Calcium	44-1	1505059	1516713	1516516	1512763	0.44	cps
Chromium	52-2	69627	69369	68786	69261	0.62	cps
Cobalt	59-2	68077	69554	69283	68971	1.14	cps
Copper	63-2	195626	195304	197991	196307	0.75	cps
Dysprosium	156-1	61564	63045	63221	62610	1.45	cps
Dysprosium	156-2	31550	31650	32542	31914	1.71	cps
Erbium	164-1	56116	57229	57940	57095	1.61	cps
Erbium	164-2	27661	28580	28894	28378	2.26	cps
Gadolinium	160-1	61774	60451	63398	61874	2.38	cps
Gadolinium	160-2	35265	34166	35262	34898	1.82	cps
Holmium	165-1	17036202	17148570	16953698	17046157	0.57	cps
Holmium	165-2	8624980	8681180	8573038	8626399	0.63	cps
Indium	115-1	12518942	12672731	12713713	12635129	0.81	cps
Indium	115-2	2307004	2328535	2330814	2322118	0.57	cps
Iron	56-2	91386535	91602658	91724369	91571187	0.19	cps
Iron	57-2	2197208	2205325	2216097	2206210	0.43	cps
Krypton	83-1	360	387	467	404	13.73	cps
Lead	206-1	571712	575439	576524	574558	0.44	cps
Lead	207-1	471360	475160	485494	477338	1.53	cps
Lead	208-1	2200102	2215885	2253048	2223011	1.22	cps
Lithium	6-1	5417274	5455905	5481392	5451524	0.59	cps
Magnesium	24-2	1287636	1298593	1296150	1294126	0.44	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13DUPDLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01DU Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 19:53:52 DataFile Name : 084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1762842	1770134	1776496	1769824	0.39	cps
Molybdenum	94-1	47112	46276	48299	47229	2.15	cps
Molybdenum	95-1	7577	7569	7344	7497	1.77	cps
Molybdenum	96-1	17687	17445	16652	17261	3.14	cps
Molybdenum	97-1	4568	4768	4668	4668	2.14	cps
Molybdenum	98-1	12197	12156	12414	12256	1.13	cps
Neodymium	150-1	71519	72156	74689	72788	2.30	cps
Neodymium	150-2	27965	27655	27925	27848	0.61	cps
Nickel	60-2	39306	39253	39289	39283	0.07	cps
Phosphorus	31-2	8144	8878	8836	8619	4.78	cps
Potassium	39-2	313762	315270	312038	313690	0.52	cps
Rhodium	103-1	11071787	11112219	11127540	11103849	0.26	cps
Rhodium	103-2	4962966	5036502	5083914	5027794	1.21	cps
Scandium	45-1	8285675	8348998	8357419	8330697	0.47	cps
Scandium	45-2	317100	318496	320537	318711	0.54	cps
Selenium	77-2	153	137	183	158	14.99	cps
Selenium	78-2	230	235	219	228	3.73	cps
Selenium	82-1	657	629	568	618	7.40	cps
Silicon	28-1	9190946	9207303	9263703	9220650	0.41	cps
Silver	109-1	1992	1859	1625	1825	10.17	cps
Silver	107-1	2200	1817	1909	1975	10.14	cps
Sodium	23-2	39729	38617	38851	39066	1.50	cps
Strontium	86-1	85689	88581	85714	86662	1.92	cps
Strontium	88-1	747709	744637	748692	747013	0.28	cps
Sulfur	34-1	408074	405500	395517	403030	1.65	cps
Terbium	159-1	17202852	17179324	17338840	17240339	0.50	cps
Terbium	159-2	8427875	8381926	8436206	8415336	0.35	cps
Thallium	203-1	2567	2792	2500	2620	5.84	cps
Thallium	205-1	6535	5968	6269	6257	4.53	cps
Thorium	232-1	160938	163490	164761	163063	1.19	cps
Tin	118-1	3267	3334	3242	3281	1.44	cps
Titanium	47-1	86579	87375	87108	87021	0.47	cps
Uranium	238-1	48057	48936	50667	49220	2.70	cps
Vanadium	51-2	61246	62194	61876	61772	0.78	cps
Yttrium	89-1	13268078	13408252	13384969	13353766	0.56	cps
Yttrium	89-2	1743346	1763130	1777597	1761358	0.98	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01DU	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 19:53:52	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	51812	51604	51711	51709	0.20	cps
Zirconium	90-1	118554	119041	119108	118901	0.25	cps
Zirconium	91-1	26350	27018	26400	26590	1.40	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13LDLX25 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01LDI Dilution Factor : 25
 Date & Time Acquired :: 2018-12-21 19:57:27 DataFile Name : 085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	528163	534004	527099	529755	0.70	cps
Antimony	121-1	675	575	658	636	8.42	cps
Arsenic	75-2	463	504	507	491	5.02	cps
Barium	135-1	230509	232304	232661	231825	0.50	cps
Barium	137-1	411849	409573	409409	410277	0.33	cps
Beryllium	9-1	706	878	917	833	13.48	cps
Bismuth	209-1	12083896	11992326	11987340	12021187	0.45	cps
Bismuth	209-2	6603841	6677793	6601987	6627874	0.65	cps
Boron	10-1	3334	3134	3334	3267	3.54	cps
Boron	11-1	14883	13540	13715	14046	5.20	cps
Cadmium	111-1	3442	3372	3497	3437	1.82	cps
Cadmium	106-1	4351	4192	4401	4315	2.52	cps
Cadmium	108-1	100	42	83	75	40.06	cps
Calcium	43-1	18078	18279	19171	18509	3.14	cps
Calcium	44-1	301653	300662	305533	302616	0.85	cps
Chromium	52-2	14527	14377	14951	14619	2.04	cps
Cobalt	59-2	13657	13820	13703	13727	0.61	cps
Copper	63-2	38437	38440	39878	38919	2.13	cps
Dysprosium	156-1	11964	11806	12239	12003	1.83	cps
Dysprosium	156-2	6065	6195	6215	6158	1.32	cps
Erbium	164-1	11530	10980	11639	11383	3.10	cps
Erbium	164-2	5548	5665	5498	5570	1.54	cps
Gadolinium	160-1	12173	12381	12131	12228	1.10	cps
Gadolinium	160-2	6818	6602	6728	6716	1.62	cps
Holmium	165-1	16927746	16972219	17103089	17001018	0.54	cps
Holmium	165-2	8541028	8593779	8531271	8555359	0.39	cps
Indium	115-1	12796016	12873230	12849386	12839544	0.31	cps
Indium	115-2	2302308	2329041	2333780	2321710	0.73	cps
Iron	56-2	18423343	18369478	18464672	18419164	0.26	cps
Iron	57-2	437186	446854	442213	442084	1.09	cps
Krypton	83-1	380	327	417	374	12.09	cps
Lead	206-1	116456	114953	116477	115962	0.75	cps
Lead	207-1	95867	95469	95832	95723	0.23	cps
Lead	208-1	450235	443175	449398	447603	0.86	cps
Lithium	6-1	5458369	5490179	5528236	5492261	0.64	cps
Magnesium	24-2	262367	258831	262001	261066	0.74	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13LDLX25 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01LDI Dilution Factor : 25
 Date & Time Acquired :: 2018-12-21 19:57:27 DataFile Name : 085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	353580	355615	357338	355511	0.53	cps
Molybdenum	94-1	9412	9554	9620	9529	1.12	cps
Molybdenum	95-1	1900	1575	1508	1661	12.62	cps
Molybdenum	96-1	3517	3451	3726	3565	4.03	cps
Molybdenum	97-1	908	1042	967	972	6.87	cps
Molybdenum	98-1	2592	2542	2317	2484	5.90	cps
Neodymium	150-1	14495	14101	14121	14239	1.56	cps
Neodymium	150-2	5401	5321	5471	5398	1.39	cps
Nickel	60-2	7786	7595	8066	7816	3.03	cps
Phosphorus	31-2	1825	1792	1875	1831	2.29	cps
Potassium	39-2	71707	72569	70560	71612	1.41	cps
Rhodium	103-1	11303724	11359838	11250537	11304700	0.48	cps
Rhodium	103-2	5069662	5049731	5067032	5062142	0.21	cps
Scandium	45-1	8310405	8286758	8323122	8306762	0.22	cps
Scandium	45-2	310089	315456	312127	312557	0.87	cps
Selenium	77-2	23	10	20	18	39.03	cps
Selenium	78-2	96	104	96	99	4.33	cps
Selenium	82-1	88	166	93	116	37.69	cps
Silicon	28-1	2092469	2078486	2071896	2080950	0.50	cps
Silver	109-1	492	450	375	439	13.47	cps
Silver	107-1	575	408	500	494	16.88	cps
Sodium	23-2	18379	18712	18445	18512	0.95	cps
Strontium	86-1	17762	16744	17586	17364	3.13	cps
Strontium	88-1	146768	145944	146719	146477	0.32	cps
Sulfur	34-1	233715	235608	234577	234634	0.40	cps
Terbium	159-1	17154591	17178155	17155794	17162847	0.08	cps
Terbium	159-2	8292030	8312583	8284255	8296290	0.18	cps
Thallium	203-1	900	750	733	795	11.55	cps
Thallium	205-1	2000	1850	1792	1881	5.72	cps
Thorium	232-1	32174	31856	31878	31970	0.55	cps
Tin	118-1	1242	1292	1242	1258	2.29	cps
Titanium	47-1	17311	17544	17119	17325	1.23	cps
Uranium	238-1	9587	9763	9754	9701	1.02	cps
Vanadium	51-2	12162	12476	12432	12356	1.38	cps
Yttrium	89-1	12843888	12910613	12964194	12906232	0.47	cps
Yttrium	89-2	1669933	1674091	1675441	1673155	0.17	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13LDLX25	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01LDI	Dilution Factor :	25
Date & Time Acquired ::	2018-12-21 19:57:27	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10771	10898	10858	10842	0.60	cps
Zirconium	90-1	22852	23913	23879	23548	2.56	cps
Zirconium	91-1	5401	5168	5051	5207	3.42	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-14DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:01:03 DataFile Name : 086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2701313	2728539	2718043	2715965	0.51	cps
Antimony	121-1	1194404	1191004	1197955	1194454	0.29	cps
Arsenic	75-2	38926	39398	38297	38873	1.42	cps
Barium	135-1	2574441	2586524	2590793	2583919	0.33	cps
Barium	137-1	4568969	4552383	4564859	4562071	0.19	cps
Beryllium	9-1	409777	410564	407076	409139	0.45	cps
Bismuth	209-1	11325985	11666161	11637568	11543238	1.63	cps
Bismuth	209-2	6336292	6402071	6360324	6366229	0.52	cps
Boron	10-1	71261	72793	74039	72698	1.91	cps
Boron	11-1	319139	326889	333183	326404	2.16	cps
Cadmium	111-1	371568	369910	375196	372225	0.73	cps
Cadmium	106-1	44036	42448	45081	43855	3.02	cps
Cadmium	108-1	27489	27385	27310	27395	0.33	cps
Calcium	43-1	487501	492762	492227	490830	0.59	cps
Calcium	44-1	7794114	7872932	7838371	7835139	0.50	cps
Chromium	52-2	408107	408895	408866	408623	0.11	cps
Cobalt	59-2	654282	648158	642799	648413	0.89	cps
Copper	63-2	947524	947308	945384	946739	0.12	cps
Dysprosium	156-1	57489	57890	57413	57597	0.45	cps
Dysprosium	156-2	29225	29388	29191	29268	0.36	cps
Erbium	164-1	54092	55430	54678	54733	1.23	cps
Erbium	164-2	26192	26179	26412	26261	0.50	cps
Gadolinium	160-1	59095	58108	56894	58032	1.90	cps
Gadolinium	160-2	31650	32205	32445	32100	1.27	cps
Holmium	165-1	16617009	16993533	17017506	16876016	1.33	cps
Holmium	165-2	8505253	8531300	8484209	8506921	0.28	cps
Indium	115-1	12286901	12449233	12563964	12433366	1.12	cps
Indium	115-2	2303593	2285256	2276853	2288567	0.60	cps
Iron	56-2	99011494	98513983	98505622	98677033	0.29	cps
Iron	57-2	2385131	2382048	2394455	2387211	0.27	cps
Krypton	83-1	527	400	443	457	14.10	cps
Lead	206-1	1766570	1788227	1781929	1778908	0.63	cps
Lead	207-1	1515109	1515447	1515753	1515436	0.02	cps
Lead	208-1	6931084	7011313	6994443	6978947	0.61	cps
Lithium	6-1	5406421	5504324	5507312	5472686	1.05	cps
Magnesium	24-2	3965899	3986646	3973357	3975300	0.26	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-14DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:01:03 DataFile Name : 086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2069132	2063992	2049835	2060987	0.48	cps
Molybdenum	94-1	2445766	2456413	2483106	2461762	0.78	cps
Molybdenum	95-1	2875286	2874864	2907590	2885913	0.65	cps
Molybdenum	96-1	3207050	3217046	3223064	3215720	0.25	cps
Molybdenum	97-1	1790759	1794425	1786998	1790727	0.21	cps
Molybdenum	98-1	4647645	4640215	4652712	4646857	0.14	cps
Neodymium	150-1	68591	68162	68136	68296	0.37	cps
Neodymium	150-2	25166	25828	25323	25439	1.36	cps
Nickel	60-2	191482	189214	189336	190010	0.67	cps
Phosphorus	31-2	8036	8102	8169	8103	0.82	cps
Potassium	39-2	1489291	1493774	1480642	1487902	0.45	cps
Rhodium	103-1	10793484	10990842	11020194	10934840	1.13	cps
Rhodium	103-2	4956216	4942439	4982400	4960352	0.41	cps
Scandium	45-1	8154163	8379620	8392957	8308913	1.61	cps
Scandium	45-2	317374	313631	314108	315038	0.65	cps
Selenium	77-2	1287	1233	1233	1251	2.46	cps
Selenium	78-2	3982	3912	4051	3981	1.74	cps
Selenium	82-1	28643	28933	29204	28927	0.97	cps
Silicon	28-1	10486014	10463579	10382200	10443931	0.52	cps
Silver	109-1	1448012	1456388	1451370	1451923	0.29	cps
Silver	107-1	1519629	1508487	1525868	1517995	0.58	cps
Sodium	23-2	5334355	5327549	5331391	5331099	0.06	cps
Strontium	86-1	514544	516100	523312	517985	0.90	cps
Strontium	88-1	4534905	4548777	4531580	4538421	0.20	cps
Sulfur	34-1	387652	381049	382869	383857	0.89	cps
Terbium	159-1	16798108	17148010	17302449	17082856	1.51	cps
Terbium	159-2	8269542	8252307	8252360	8258070	0.12	cps
Thallium	203-1	1517278	1525722	1527956	1523652	0.37	cps
Thallium	205-1	3627159	3663558	3670872	3653863	0.64	cps
Thorium	232-1	150757	150891	151077	150908	0.11	cps
Tin	118-1	1041461	1044477	1041714	1042551	0.16	cps
Titanium	47-1	943891	945957	946361	945403	0.14	cps
Uranium	238-1	5132420	5165387	5170829	5156212	0.40	cps
Vanadium	51-2	333131	332056	328407	331198	0.75	cps
Yttrium	89-1	13068114	13277975	13335708	13227265	1.06	cps
Yttrium	89-2	1733991	1737378	1733943	1735104	0.11	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-14DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:01:03	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	163021	165583	164950	164518	0.81	cps
Zirconium	90-1	2263004	2288263	2267497	2272921	0.59	cps
Zirconium	91-1	505592	506997	505985	506191	0.14	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-15DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:04:37 DataFile Name : 087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2813554	2797810	2803030	2804798	0.29	cps
Antimony	121-1	1240096	1241585	1251464	1244382	0.50	cps
Arsenic	75-2	40631	41156	41141	40976	0.73	cps
Barium	135-1	2675506	2677945	2696988	2683480	0.44	cps
Barium	137-1	4745073	4733111	4778636	4752273	0.50	cps
Beryllium	9-1	419468	425377	426378	423741	0.88	cps
Bismuth	209-1	11505889	11616496	11572393	11564926	0.48	cps
Bismuth	209-2	6279847	6346412	6355418	6327226	0.65	cps
Boron	10-1	76468	78287	79987	78247	2.25	cps
Boron	11-1	339809	348680	356851	348447	2.45	cps
Cadmium	111-1	385746	388896	392116	388919	0.82	cps
Cadmium	106-1	44621	47238	47137	46332	3.20	cps
Cadmium	108-1	28575	28725	28733	28678	0.31	cps
Calcium	43-1	510027	515862	508892	511593	0.73	cps
Calcium	44-1	8138928	8140649	8212864	8164147	0.52	cps
Chromium	52-2	426345	423732	425997	425358	0.33	cps
Cobalt	59-2	678556	682516	678751	679941	0.33	cps
Copper	63-2	978783	982988	988129	983300	0.48	cps
Dysprosium	156-1	59538	60778	60216	60177	1.03	cps
Dysprosium	156-2	30758	29832	30370	30320	1.53	cps
Erbium	164-1	55020	55890	56250	55720	1.14	cps
Erbium	164-2	26593	26663	27271	26842	1.39	cps
Gadolinium	160-1	59799	60217	59748	59921	0.43	cps
Gadolinium	160-2	32913	33147	32756	32939	0.60	cps
Holmium	165-1	16885307	16923728	16874687	16894574	0.15	cps
Holmium	165-2	8559298	8494193	8464919	8506137	0.57	cps
Indium	115-1	12343495	12493909	12544176	12460527	0.84	cps
Indium	115-2	2262180	2267856	2264771	2264936	0.13	cps
Iron	56-2	102084275	101994700	102405627	102161534	0.21	cps
Iron	57-2	2468487	2470478	2489394	2476120	0.47	cps
Krypton	83-1	410	387	460	419	8.94	cps
Lead	206-1	1863150	1872413	1874704	1870089	0.33	cps
Lead	207-1	1589827	1587500	1604082	1593803	0.56	cps
Lead	208-1	7312646	7358591	7397071	7356103	0.57	cps
Lithium	6-1	5434362	5465080	5465882	5455108	0.33	cps
Magnesium	24-2	4146120	4166200	4167430	4159917	0.29	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-15DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01MS Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:04:37 DataFile Name : 087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2138617	2128226	2143268	2136704	0.36	cps
Molybdenum	94-1	2547871	2568847	2579695	2565471	0.63	cps
Molybdenum	95-1	2991941	3002416	3016764	3003707	0.41	cps
Molybdenum	96-1	3355644	3343505	3372539	3357230	0.43	cps
Molybdenum	97-1	1850395	1877302	1898627	1875441	1.29	cps
Molybdenum	98-1	4809460	4831764	4869857	4837027	0.63	cps
Neodymium	150-1	69301	70058	71861	70407	1.87	cps
Neodymium	150-2	26966	26689	27097	26918	0.77	cps
Nickel	60-2	196244	198203	198798	197748	0.68	cps
Phosphorus	31-2	7869	7936	7994	7933	0.79	cps
Potassium	39-2	1539035	1557175	1556301	1550837	0.66	cps
Rhodium	103-1	10855287	10977702	10953795	10928928	0.59	cps
Rhodium	103-2	4902683	4943321	4915489	4920498	0.42	cps
Scandium	45-1	8235142	8282445	8323284	8280291	0.53	cps
Scandium	45-2	310657	308184	310522	309788	0.45	cps
Selenium	77-2	1227	1287	1440	1318	8.35	cps
Selenium	78-2	4041	4123	4160	4108	1.48	cps
Selenium	82-1	30305	30432	30075	30271	0.60	cps
Silicon	28-1	10955143	11248377	11305112	11169544	1.68	cps
Silver	109-1	1517977	1529971	1518479	1522142	0.45	cps
Silver	107-1	1581646	1578846	1604040	1588177	0.87	cps
Sodium	23-2	5577744	5578299	5615381	5590475	0.39	cps
Strontium	86-1	535689	538163	551821	541891	1.60	cps
Strontium	88-1	4659830	4714669	4800313	4724937	1.50	cps
Sulfur	34-1	382310	384181	385048	383846	0.36	cps
Terbium	159-1	17132240	17196096	17228633	17185656	0.29	cps
Terbium	159-2	8215777	8214317	8214307	8214801	0.01	cps
Thallium	203-1	1599761	1602543	1617725	1606676	0.60	cps
Thallium	205-1	3851315	3841595	3888089	3860333	0.64	cps
Thorium	232-1	155174	157219	156535	156309	0.67	cps
Tin	118-1	1083462	1093124	1098752	1091779	0.71	cps
Titanium	47-1	977351	973968	983427	978249	0.49	cps
Uranium	238-1	5401300	5430826	5501987	5444705	0.95	cps
Vanadium	51-2	343581	344848	345311	344580	0.26	cps
Yttrium	89-1	13126605	13269348	13295555	13230502	0.69	cps
Yttrium	89-2	1721270	1726544	1728301	1725372	0.21	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-15DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01MS	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:04:37	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	172321	171355	170667	171448	0.48	cps
Zirconium	90-1	2376112	2381461	2393008	2383527	0.36	cps
Zirconium	91-1	525496	535426	536609	532510	1.15	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13ADLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01ADL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:08:12 DataFile Name : 088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2756888	2745190	2750741	2750939	0.21	cps
Antimony	121-1	1224969	1242709	1243577	1237085	0.85	cps
Arsenic	75-2	40829	41262	40443	40845	1.00	cps
Barium	135-1	2618203	2673610	2651587	2647800	1.05	cps
Barium	137-1	4665571	4711226	4713761	4696853	0.58	cps
Beryllium	9-1	417226	419617	414551	417131	0.61	cps
Bismuth	209-1	11671386	11412749	11388625	11490920	1.36	cps
Bismuth	209-2	6272743	6279350	6280138	6277410	0.06	cps
Boron	10-1	75765	77726	77851	77114	1.52	cps
Boron	11-1	334959	340026	348753	341246	2.04	cps
Cadmium	111-1	382834	380718	385003	382852	0.56	cps
Cadmium	106-1	45959	45005	46226	45730	1.40	cps
Cadmium	108-1	28458	28562	28295	28438	0.47	cps
Calcium	43-1	504641	503465	506608	504905	0.31	cps
Calcium	44-1	8090753	8048755	8046952	8062153	0.31	cps
Chromium	52-2	417913	421206	420565	419895	0.42	cps
Cobalt	59-2	669007	667965	668426	668466	0.08	cps
Copper	63-2	969943	972036	969626	970535	0.13	cps
Dysprosium	156-1	57647	58149	58484	58093	0.73	cps
Dysprosium	156-2	30537	30724	30471	30577	0.43	cps
Erbium	164-1	55389	55790	55932	55703	0.51	cps
Erbium	164-2	26840	27171	26933	26981	0.63	cps
Gadolinium	160-1	58209	58560	60066	58945	1.67	cps
Gadolinium	160-2	33030	32272	33047	32783	1.35	cps
Holmium	165-1	17101679	16632776	16894757	16876404	1.39	cps
Holmium	165-2	8488067	8492150	8406500	8462239	0.57	cps
Indium	115-1	12693382	12243456	12383844	12440227	1.85	cps
Indium	115-2	2236200	2242647	2254675	2244507	0.42	cps
Iron	56-2	99720144	99787186	100217313	99908214	0.27	cps
Iron	57-2	2421358	2431025	2430318	2427567	0.22	cps
Krypton	83-1	447	420	390	419	6.77	cps
Lead	206-1	1828044	1862070	1862436	1850850	1.07	cps
Lead	207-1	1555253	1589296	1585089	1576546	1.18	cps
Lead	208-1	7172335	7288488	7273101	7244641	0.87	cps
Lithium	6-1	5379401	5312746	5370997	5354381	0.68	cps
Magnesium	24-2	4057348	4067727	4074500	4066525	0.21	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-13ADLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-0612-01ADL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:08:12 DataFile Name : 088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2084379	2084588	2087406	2085458	0.08	cps
Molybdenum	94-1	2505155	2547308	2543939	2532134	0.93	cps
Molybdenum	95-1	2928896	2974230	2975550	2959559	0.90	cps
Molybdenum	96-1	3270865	3302833	3309069	3294256	0.62	cps
Molybdenum	97-1	1817799	1841545	1834032	1831126	0.66	cps
Molybdenum	98-1	4708019	4772298	4799758	4760025	0.99	cps
Neodymium	150-1	69576	69101	69944	69540	0.61	cps
Neodymium	150-2	26996	26152	26205	26451	1.79	cps
Nickel	60-2	195713	196238	194612	195521	0.42	cps
Phosphorus	31-2	7827	8053	7886	7922	1.48	cps
Potassium	39-2	1514397	1515192	1522895	1517495	0.31	cps
Rhodium	103-1	11044316	10737025	10787611	10856317	1.52	cps
Rhodium	103-2	4844999	4841077	4879979	4855352	0.44	cps
Scandium	45-1	8450280	8138168	8189453	8259300	2.03	cps
Scandium	45-2	307621	305574	306433	306542	0.34	cps
Selenium	77-2	1250	1290	1303	1281	2.17	cps
Selenium	78-2	4090	4023	4182	4098	1.95	cps
Selenium	82-1	29608	29899	29567	29691	0.61	cps
Silicon	28-1	10453637	10755890	11317554	10842360	4.04	cps
Silver	109-1	1496995	1516469	1521874	1511779	0.87	cps
Silver	107-1	1561848	1585281	1576135	1574421	0.75	cps
Sodium	23-2	5511727	5486079	5460460	5486089	0.47	cps
Strontium	86-1	528963	536158	538698	534606	0.94	cps
Strontium	88-1	4641417	4701435	4690950	4677934	0.69	cps
Sulfur	34-1	376969	376832	371470	375090	0.84	cps
Terbium	159-1	17355796	16833482	17114633	17101304	1.53	cps
Terbium	159-2	8206458	8158250	8087567	8150758	0.73	cps
Thallium	203-1	1577041	1598904	1587123	1587689	0.69	cps
Thallium	205-1	3794924	3870483	3854189	3839865	1.04	cps
Thorium	232-1	155057	155071	152209	154112	1.07	cps
Tin	118-1	1067016	1068723	1072741	1069493	0.27	cps
Titanium	47-1	963583	975936	965074	968198	0.70	cps
Uranium	238-1	5334505	5431517	5427593	5397872	1.02	cps
Vanadium	51-2	339747	340816	339360	339974	0.22	cps
Yttrium	89-1	13413485	13050450	13148004	13203980	1.42	cps
Yttrium	89-2	1706571	1696223	1703471	1702088	0.31	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-13ADLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-0612-01ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:08:12	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	169713	167131	168078	168307	0.78	cps
Zirconium	90-1	2325398	2340070	2353932	2339800	0.61	cps
Zirconium	91-1	524792	527642	527122	526519	0.29	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-16DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:11:47 DataFile Name : 089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2261868	2248012	2274986	2261622	0.60	cps
Antimony	121-1	1642	1759	1533	1645	6.84	cps
Arsenic	75-2	2274	2284	2306	2288	0.71	cps
Barium	135-1	1081336	1091730	1094250	1089106	0.63	cps
Barium	137-1	1917921	1929449	1915493	1920954	0.39	cps
Beryllium	9-1	3528	3684	3495	3569	2.83	cps
Bismuth	209-1	11786661	11797213	11819455	11801109	0.14	cps
Bismuth	209-2	6383714	6475743	6506133	6455197	0.99	cps
Boron	10-1	6443	5893	5601	5979	7.15	cps
Boron	11-1	28353	27084	25614	27017	5.07	cps
Cadmium	111-1	5548	5237	5190	5325	3.65	cps
Cadmium	106-1	5076	4734	4568	4793	5.41	cps
Cadmium	108-1	300	229	196	242	22.01	cps
Calcium	43-1	129975	127319	130067	129120	1.21	cps
Calcium	44-1	2081243	2097025	2094830	2091033	0.41	cps
Chromium	52-2	58081	58131	58295	58169	0.19	cps
Cobalt	59-2	60849	60678	60839	60789	0.16	cps
Copper	63-2	160981	161442	163617	162014	0.87	cps
Dysprosium	156-1	55429	53187	55262	54626	2.29	cps
Dysprosium	156-2	28890	28510	28887	28762	0.76	cps
Erbium	164-1	51791	52192	52485	52156	0.67	cps
Erbium	164-2	25320	25447	25364	25377	0.25	cps
Gadolinium	160-1	55455	55045	55438	55313	0.42	cps
Gadolinium	160-2	30541	30734	30955	30743	0.67	cps
Holmium	165-1	16855677	17035017	16989364	16960020	0.55	cps
Holmium	165-2	8605064	8616975	8647276	8623105	0.25	cps
Indium	115-1	12502217	12615084	12662099	12593133	0.65	cps
Indium	115-2	2279704	2320619	2323128	2307817	1.06	cps
Iron	56-2	70128117	70041628	70088989	70086245	0.06	cps
Iron	57-2	1676340	1686077	1685465	1682627	0.32	cps
Krypton	83-1	443	397	430	423	5.68	cps
Lead	206-1	492374	496594	494372	494447	0.43	cps
Lead	207-1	407988	410545	409289	409274	0.31	cps
Lead	208-1	1906795	1912663	1916267	1911908	0.25	cps
Lithium	6-1	5346686	5379149	5386920	5370918	0.40	cps
Magnesium	24-2	1050815	1049537	1063799	1054717	0.75	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-16DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS022-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:11:47 DataFile Name : 089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1915575	1929738	1934562	1926625	0.51	cps
Molybdenum	94-1	25916	25782	26567	26089	1.61	cps
Molybdenum	95-1	5393	5510	5418	5440	1.13	cps
Molybdenum	96-1	10704	10905	10738	10782	0.99	cps
Molybdenum	97-1	3142	3292	3534	3323	5.95	cps
Molybdenum	98-1	8319	8578	8770	8556	2.64	cps
Neodymium	150-1	64799	65288	62240	64109	2.55	cps
Neodymium	150-2	25030	25333	25140	25168	0.61	cps
Nickel	60-2	28842	29066	29420	29109	1.00	cps
Phosphorus	31-2	6660	6702	6585	6649	0.89	cps
Potassium	39-2	281679	281539	283111	282109	0.31	cps
Rhodium	103-1	11013310	11038472	11093242	11048341	0.37	cps
Rhodium	103-2	4958118	5045248	5028022	5010463	0.92	cps
Scandium	45-1	8173105	8302855	8298636	8258199	0.89	cps
Scandium	45-2	311873	311445	313439	312252	0.34	cps
Selenium	77-2	103	127	123	118	10.71	cps
Selenium	78-2	211	202	204	206	2.38	cps
Selenium	82-1	463	553	544	520	9.54	cps
Silicon	28-1	1984074	1980461	1990352	1984962	0.25	cps
Silver	109-1	1483	1600	1734	1606	7.79	cps
Silver	107-1	1692	1567	1817	1692	7.39	cps
Sodium	23-2	61862	61552	60573	61329	1.10	cps
Strontium	86-1	118006	121872	119872	119917	1.61	cps
Strontium	88-1	1056339	1052060	1057799	1055399	0.28	cps
Sulfur	34-1	346802	342689	341612	343701	0.80	cps
Terbium	159-1	17041259	17187508	17226507	17151758	0.57	cps
Terbium	159-2	8347441	8387341	8363754	8366179	0.24	cps
Thallium	203-1	2150	2234	2400	2261	5.63	cps
Thallium	205-1	5485	5468	5068	5340	4.42	cps
Thorium	232-1	168937	173548	172933	171806	1.46	cps
Tin	118-1	2784	3000	2775	2853	4.47	cps
Titanium	47-1	29539	28562	29831	29311	2.27	cps
Uranium	238-1	38742	38860	38884	38829	0.20	cps
Vanadium	51-2	45497	46155	45881	45844	0.72	cps
Yttrium	89-1	13211711	13272997	13408008	13297572	0.76	cps
Yttrium	89-2	1728449	1751165	1739765	1739793	0.65	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-16DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:11:47	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	43959	43381	44324	43888	1.08	cps
Zirconium	90-1	62152	62605	60721	61826	1.59	cps
Zirconium	91-1	13716	13824	14291	13943	2.19	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-17DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:15:22	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2334648	2348418	2358871	2347312	0.52	cps
Antimony	121-1	1058	967	1067	1031	5.38	cps
Arsenic	75-2	1633	1624	1648	1635	0.74	cps
Barium	135-1	943678	940137	967769	950528	1.58	cps
Barium	137-1	1654745	1672800	1687834	1671793	0.99	cps
Beryllium	9-1	2911	2678	2795	2795	4.18	cps
Bismuth	209-1	11598376	11675339	11705811	11659842	0.47	cps
Bismuth	209-2	6288401	6372320	6371681	6344134	0.76	cps
Boron	10-1	4159	4051	4009	4073	1.90	cps
Boron	11-1	18387	18045	17244	17892	3.28	cps
Cadmium	111-1	4455	4747	4844	4682	4.32	cps
Cadmium	106-1	4501	4876	4993	4790	5.36	cps
Cadmium	108-1	196	196	233	208	10.39	cps
Calcium	43-1	143793	143447	142548	143263	0.45	cps
Calcium	44-1	2319740	2329043	2344538	2331107	0.54	cps
Chromium	52-2	59460	59710	60310	59826	0.73	cps
Cobalt	59-2	53176	52832	52845	52951	0.37	cps
Copper	63-2	127749	129173	128851	128591	0.58	cps
Dysprosium	156-1	55722	53974	54367	54688	1.68	cps
Dysprosium	156-2	27728	28085	28463	28092	1.31	cps
Erbium	164-1	49499	50026	49801	49775	0.53	cps
Erbium	164-2	23804	24152	24245	24067	0.96	cps
Gadolinium	160-1	53472	54534	54685	54231	1.22	cps
Gadolinium	160-2	30467	30447	30648	30521	0.36	cps
Holmium	165-1	16739135	16942568	16885131	16855611	0.62	cps
Holmium	165-2	8451359	8517805	8466893	8478685	0.41	cps
Indium	115-1	12477922	12621984	12594194	12564700	0.61	cps
Indium	115-2	2234078	2260884	2288405	2261122	1.20	cps
Iron	56-2	77356955	76983571	77227321	77189282	0.25	cps
Iron	57-2	1844478	1836979	1851513	1844324	0.39	cps
Krypton	83-1	467	427	363	419	12.44	cps
Lead	206-1	384485	384990	390118	386531	0.81	cps
Lead	207-1	319266	315176	322158	318867	1.10	cps
Lead	208-1	1475871	1483705	1493189	1484255	0.58	cps
Lithium	6-1	5298349	5357632	5335572	5330518	0.56	cps
Magnesium	24-2	1284750	1292639	1294929	1290772	0.41	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-17DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:15:22	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1726286	1717542	1742544	1728791	0.73	cps
Molybdenum	94-1	33975	34852	32981	33936	2.76	cps
Molybdenum	95-1	3876	4184	4192	4084	4.42	cps
Molybdenum	96-1	10563	11505	11397	11155	4.62	cps
Molybdenum	97-1	2309	2450	2634	2464	6.61	cps
Molybdenum	98-1	5977	6152	6193	6107	1.88	cps
Neodymium	150-1	64886	63647	66213	64915	1.98	cps
Neodymium	150-2	24839	25440	25060	25113	1.21	cps
Nickel	60-2	29994	30068	30245	30102	0.43	cps
Phosphorus	31-2	7452	7185	6927	7188	3.65	cps
Potassium	39-2	319142	322366	324576	322028	0.85	cps
Rhodium	103-1	10885589	11159047	11049485	11031374	1.25	cps
Rhodium	103-2	4902316	4910386	4946288	4919663	0.48	cps
Scandium	45-1	8133304	8254573	8168810	8185562	0.76	cps
Scandium	45-2	303351	307449	309107	306636	0.97	cps
Selenium	77-2	100	93	163	119	32.50	cps
Selenium	78-2	167	215	148	177	19.49	cps
Selenium	82-1	289	391	400	360	17.10	cps
Silicon	28-1	9246517	9424970	9308723	9326737	0.97	cps
Silver	109-1	1075	1033	1200	1103	7.87	cps
Silver	107-1	1208	900	1075	1061	14.57	cps
Sodium	23-2	54943	53965	55353	54753	1.30	cps
Strontium	86-1	117763	117352	118233	117783	0.37	cps
Strontium	88-1	1016729	1025087	1023466	1021761	0.43	cps
Sulfur	34-1	301377	302864	295918	300053	1.22	cps
Terbium	159-1	17001466	17079707	17045916	17042363	0.23	cps
Terbium	159-2	8222643	8224650	8229016	8225436	0.04	cps
Thallium	203-1	2184	2067	2042	2097	3.61	cps
Thallium	205-1	4601	5118	4768	4829	5.46	cps
Thorium	232-1	159696	160922	163010	161209	1.04	cps
Tin	118-1	2375	2492	2909	2592	10.82	cps
Titanium	47-1	55505	55321	55539	55455	0.21	cps
Uranium	238-1	32692	32258	33303	32751	1.60	cps
Vanadium	51-2	49777	50828	50740	50448	1.16	cps
Yttrium	89-1	13061334	13219191	13127789	13136105	0.60	cps
Yttrium	89-2	1698709	1703019	1719494	1707074	0.64	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-17DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS022-1824-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:15:22	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	44869	45464	45444	45259	0.75	cps
Zirconium	90-1	85697	88238	84758	86231	2.09	cps
Zirconium	91-1	19105	20282	19806	19731	3.00	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-18DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS023-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:18:57 DataFile Name : 091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2727634	2707107	2732752	2722498	0.50	cps
Antimony	121-1	642	750	642	678	9.23	cps
Arsenic	75-2	3399	3317	3211	3309	2.83	cps
Barium	135-1	830339	826414	828376	828376	0.24	cps
Barium	137-1	1447975	1454859	1458978	1453937	0.38	cps
Beryllium	9-1	3639	3601	3506	3582	1.91	cps
Bismuth	209-1	11415891	11409122	11564780	11463264	0.77	cps
Bismuth	209-2	6218725	6286960	6291779	6265822	0.65	cps
Boron	10-1	3959	3659	4476	4031	10.25	cps
Boron	11-1	17502	17210	17302	17338	0.86	cps
Cadmium	111-1	3741	3819	3859	3806	1.58	cps
Cadmium	106-1	4434	4459	4476	4456	0.47	cps
Cadmium	108-1	233	188	225	215	11.34	cps
Calcium	43-1	107027	108320	108898	108081	0.89	cps
Calcium	44-1	1730805	1752970	1748447	1744074	0.67	cps
Chromium	52-2	72434	73392	73827	73217	0.97	cps
Cobalt	59-2	79246	80151	80402	79933	0.76	cps
Copper	63-2	96754	96861	96727	96781	0.07	cps
Dysprosium	156-1	44724	44933	42801	44153	2.66	cps
Dysprosium	156-2	22041	22372	22756	22390	1.60	cps
Erbium	164-1	39759	41698	40695	40718	2.38	cps
Erbium	164-2	19641	19775	19838	19751	0.51	cps
Gadolinium	160-1	42743	40369	41782	41631	2.87	cps
Gadolinium	160-2	22562	23584	23641	23262	2.61	cps
Holmium	165-1	16643538	16637372	16707320	16662743	0.23	cps
Holmium	165-2	8348808	8353007	8354544	8352120	0.04	cps
Indium	115-1	12185723	12254029	12294806	12244852	0.45	cps
Indium	115-2	2223490	2238103	2261222	2240939	0.85	cps
Iron	56-2	141450534	140298084	141360942	141036520	0.45	cps
Iron	57-2	3420579	3439884	3465725	3442063	0.66	cps
Krypton	83-1	283	387	407	359	18.44	cps
Lead	206-1	550792	551823	555417	552677	0.44	cps
Lead	207-1	456272	455406	460317	457332	0.57	cps
Lead	208-1	2134119	2130863	2149520	2138167	0.47	cps
Lithium	6-1	5230978	5257577	5280035	5256197	0.47	cps
Magnesium	24-2	1818894	1814888	1827013	1820265	0.34	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-18DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS023-0006-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:18:57 DataFile Name : 091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3601957	3647754	3662037	3637249	0.86	cps
Molybdenum	94-1	46243	45549	45491	45761	0.91	cps
Molybdenum	95-1	5134	4626	4934	4898	5.23	cps
Molybdenum	96-1	14683	15534	15993	15403	4.31	cps
Molybdenum	97-1	3009	3284	2992	3095	5.29	cps
Molybdenum	98-1	7261	7336	7661	7419	2.87	cps
Neodymium	150-1	57079	57909	58123	57704	0.96	cps
Neodymium	150-2	21550	21674	22148	21791	1.45	cps
Nickel	60-2	40396	40429	40670	40498	0.37	cps
Phosphorus	31-2	9687	9295	9495	9492	2.06	cps
Potassium	39-2	441741	444211	446898	444283	0.58	cps
Rhodium	103-1	10592304	10741539	10697156	10677000	0.72	cps
Rhodium	103-2	4817602	4832532	4859446	4836527	0.44	cps
Scandium	45-1	7997475	8057681	8081362	8045506	0.54	cps
Scandium	45-2	301578	301510	303014	302034	0.28	cps
Selenium	77-2	103	90	70	88	19.12	cps
Selenium	78-2	143	122	143	136	8.66	cps
Selenium	82-1	324	201	207	244	28.45	cps
Silicon	28-1	12827385	12887446	12879642	12864825	0.25	cps
Silver	109-1	817	1025	1067	970	13.82	cps
Silver	107-1	1025	1033	950	1003	4.58	cps
Sodium	23-2	75063	74318	74126	74502	0.66	cps
Strontium	86-1	85504	86503	85957	85988	0.58	cps
Strontium	88-1	733543	730513	742908	735655	0.88	cps
Sulfur	34-1	223805	222539	224263	223536	0.40	cps
Terbium	159-1	16807635	16881383	16921592	16870203	0.34	cps
Terbium	159-2	8087658	8061526	8072661	8073948	0.16	cps
Thallium	203-1	2659	2525	2367	2517	5.80	cps
Thallium	205-1	6210	6093	6569	6291	3.94	cps
Thorium	232-1	213137	208024	210964	210708	1.22	cps
Tin	118-1	2959	2559	2709	2742	7.37	cps
Titanium	47-1	69908	70168	70997	70357	0.81	cps
Uranium	238-1	31965	32333	32885	32394	1.43	cps
Vanadium	51-2	75867	76946	76795	76536	0.76	cps
Yttrium	89-1	12767186	12815369	12884030	12822195	0.46	cps
Yttrium	89-2	1649876	1662907	1670325	1661036	0.62	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-18DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0006-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:18:57	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	86397	85840	86552	86263	0.43	cps
Zirconium	90-1	116840	117882	116497	117073	0.62	cps
Zirconium	91-1	26617	26442	26718	26592	0.52	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-19DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS023-0612-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:22:34 DataFile Name : 092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2524246	2509658	2508113	2514006	0.35	cps
Antimony	121-1	725	767	875	789	9.82	cps
Arsenic	75-2	2924	2982	3110	3005	3.16	cps
Barium	135-1	951484	958893	962344	957574	0.58	cps
Barium	137-1	1675394	1698666	1697244	1690434	0.77	cps
Beryllium	9-1	3928	3862	3912	3901	0.89	cps
Bismuth	209-1	11474346	11484287	11543312	11500648	0.32	cps
Bismuth	209-2	6243389	6245690	6275225	6254768	0.28	cps
Boron	10-1	3926	4142	3451	3840	9.22	cps
Boron	11-1	16910	16885	17035	16943	0.47	cps
Cadmium	111-1	4320	4377	3810	4169	7.49	cps
Cadmium	106-1	4726	5034	4142	4634	9.78	cps
Cadmium	108-1	179	204	158	181	12.71	cps
Calcium	43-1	134481	135986	133422	134630	0.96	cps
Calcium	44-1	2172968	2173459	2157591	2168006	0.42	cps
Chromium	52-2	69406	70213	69681	69766	0.59	cps
Cobalt	59-2	57395	57947	57542	57628	0.50	cps
Copper	63-2	123247	123426	125822	124165	1.16	cps
Dysprosium	156-1	46614	46555	45911	46360	0.84	cps
Dysprosium	156-2	23647	23053	23804	23501	1.69	cps
Erbium	164-1	41364	42626	41347	41779	1.76	cps
Erbium	164-2	20549	20529	20679	20586	0.40	cps
Gadolinium	160-1	44716	44817	44189	44574	0.76	cps
Gadolinium	160-2	24379	24917	24592	24629	1.10	cps
Holmium	165-1	16453741	16652455	16627428	16577875	0.65	cps
Holmium	165-2	8338918	8368100	8330693	8345904	0.24	cps
Indium	115-1	12215817	12279154	12351919	12282297	0.55	cps
Indium	115-2	2225556	2230601	2235141	2230433	0.21	cps
Iron	56-2	108808861	107141805	107448125	107799597	0.82	cps
Iron	57-2	2597921	2583874	2598436	2593410	0.32	cps
Krypton	83-1	280	363	460	368	24.49	cps
Lead	206-1	917038	927441	926155	923545	0.61	cps
Lead	207-1	770411	771471	772575	771486	0.14	cps
Lead	208-1	3584564	3582656	3584273	3583831	0.03	cps
Lithium	6-1	5243558	5246791	5277514	5255955	0.36	cps
Magnesium	24-2	1794292	1764388	1776391	1778357	0.85	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-19DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:22:34	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2543953	2529667	2542651	2538757	0.31	cps
Molybdenum	94-1	38060	38310	37391	37921	1.25	cps
Molybdenum	95-1	4443	4509	4476	4476	0.74	cps
Molybdenum	96-1	12906	13857	12381	13048	5.74	cps
Molybdenum	97-1	2942	2984	2567	2831	8.11	cps
Molybdenum	98-1	7169	7152	7486	7269	2.59	cps
Neodymium	150-1	56864	57607	57273	57248	0.65	cps
Neodymium	150-2	20929	21514	21106	21183	1.41	cps
Nickel	60-2	33418	34370	34588	34125	1.82	cps
Phosphorus	31-2	8002	8036	8119	8053	0.75	cps
Potassium	39-2	321372	320277	319639	320429	0.27	cps
Rhodium	103-1	10720691	10807614	10842735	10790347	0.58	cps
Rhodium	103-2	4839359	4835501	4843647	4839502	0.08	cps
Scandium	45-1	8040439	8037427	8045220	8041028	0.05	cps
Scandium	45-2	300177	299700	301491	300456	0.31	cps
Selenium	77-2	73	110	87	90	20.62	cps
Selenium	78-2	143	128	157	143	10.39	cps
Selenium	82-1	316	228	136	227	39.67	cps
Silicon	28-1	8833486	8891329	8719204	8814673	0.99	cps
Silver	109-1	1075	1192	1183	1150	5.66	cps
Silver	107-1	1183	1358	1383	1308	8.33	cps
Sodium	23-2	71085	70198	70684	70656	0.63	cps
Strontium	86-1	118117	117394	118779	118097	0.59	cps
Strontium	88-1	1031651	1033072	1031963	1032229	0.07	cps
Sulfur	34-1	232562	232290	229280	231377	0.79	cps
Terbium	159-1	16732306	16821564	16997511	16850460	0.80	cps
Terbium	159-2	8086838	8030748	8081120	8066236	0.38	cps
Thallium	203-1	2325	2267	2567	2386	6.67	cps
Thallium	205-1	5626	5476	5168	5424	4.31	cps
Thorium	232-1	186729	187686	186907	187107	0.27	cps
Tin	118-1	5201	5268	5226	5232	0.64	cps
Titanium	47-1	48749	48648	48807	48735	0.16	cps
Uranium	238-1	30387	29627	29259	29758	1.93	cps
Vanadium	51-2	80451	78980	79369	79600	0.96	cps
Yttrium	89-1	12745448	12748731	12886774	12793651	0.63	cps
Yttrium	89-2	1674200	1666722	1665198	1668706	0.29	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-19DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-0612-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:22:34	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	80283	80625	81613	80840	0.85	cps
Zirconium	90-1	96567	98797	97094	97486	1.20	cps
Zirconium	91-1	22168	21993	21851	22004	0.72	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-20DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS023-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:26:10 DataFile Name : 093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4657087	4593573	4546080	4598914	1.21	cps
Antimony	121-1	933	1108	792	945	16.80	cps
Arsenic	75-2	4775	4773	4599	4716	2.14	cps
Barium	135-1	1392038	1389440	1380852	1387444	0.42	cps
Barium	137-1	2467812	2459237	2437492	2454847	0.64	cps
Beryllium	9-1	6218	6657	6763	6546	4.41	cps
Bismuth	209-1	11275464	11167067	11277132	11239888	0.56	cps
Bismuth	209-2	6105580	6158766	6210994	6158447	0.86	cps
Boron	10-1	3326	3601	3209	3378	5.95	cps
Boron	11-1	15592	15150	15567	15436	1.61	cps
Cadmium	111-1	4616	4874	4659	4716	2.94	cps
Cadmium	106-1	4818	5393	5126	5112	5.63	cps
Cadmium	108-1	325	317	346	329	4.56	cps
Calcium	43-1	95030	93143	94123	94099	1.00	cps
Calcium	44-1	1516498	1513085	1502395	1510659	0.49	cps
Chromium	52-2	126120	125404	126605	126043	0.48	cps
Cobalt	59-2	131069	131011	131274	131118	0.11	cps
Copper	63-2	185971	186896	185482	186116	0.39	cps
Dysprosium	156-1	74234	72308	73656	73399	1.35	cps
Dysprosium	156-2	37130	37688	36816	37212	1.19	cps
Erbium	164-1	66438	68389	68740	67856	1.83	cps
Erbium	164-2	33000	33080	32850	32977	0.35	cps
Gadolinium	160-1	70289	70557	70298	70381	0.22	cps
Gadolinium	160-2	39293	39303	38895	39164	0.59	cps
Holmium	165-1	16538593	16433432	16454018	16475348	0.34	cps
Holmium	165-2	8334829	8253692	8263814	8284112	0.53	cps
Indium	115-1	12111167	12129560	12178760	12139829	0.29	cps
Indium	115-2	2210421	2201028	2199367	2203605	0.27	cps
Iron	56-2	217315849	215360938	212727921	215134903	1.07	cps
Iron	57-2	5230646	5229716	5231419	5230593	0.02	cps
Krypton	83-1	433	367	420	407	8.67	cps
Lead	206-1	1397792	1392272	1405772	1398612	0.49	cps
Lead	207-1	1180329	1182776	1178413	1180506	0.19	cps
Lead	208-1	5467817	5473219	5454319	5465118	0.18	cps
Lithium	6-1	5255080	5234924	5266284	5252096	0.30	cps
Magnesium	24-2	2337684	2319489	2298869	2318680	0.84	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : J6446-20DLX5 Instrumnet Name : P7
 Client Sample ID : P001-SS023-1218-01DL Dilution Factor : 5
 Date & Time Acquired :: 2018-12-21 20:26:10 DataFile Name : 093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8341527	8282287	8236128	8286647	0.64	cps
Molybdenum	94-1	61399	62663	61249	61770	1.26	cps
Molybdenum	95-1	6660	6660	7027	6782	3.12	cps
Molybdenum	96-1	21208	21442	22209	21620	2.42	cps
Molybdenum	97-1	4309	4026	3917	4084	4.95	cps
Molybdenum	98-1	10237	10338	9954	10176	1.96	cps
Neodymium	150-1	87980	88442	86490	87637	1.16	cps
Neodymium	150-2	32913	32144	32873	32643	1.33	cps
Nickel	60-2	59543	59778	59708	59676	0.20	cps
Phosphorus	31-2	11872	12672	11588	12044	4.67	cps
Potassium	39-2	420605	421109	408461	416725	1.72	cps
Rhodium	103-1	10513000	10545629	10611746	10556792	0.48	cps
Rhodium	103-2	4727569	4783664	4757950	4756394	0.59	cps
Scandium	45-1	7983136	7980215	8049347	8004233	0.49	cps
Scandium	45-2	300743	300690	300749	300727	0.01	cps
Selenium	77-2	177	150	93	140	30.40	cps
Selenium	78-2	156	170	219	181	18.14	cps
Selenium	82-1	241	317	295	284	13.84	cps
Silicon	28-1	11279079	11286936	11303677	11289897	0.11	cps
Silver	109-1	2084	2209	2192	2161	3.14	cps
Silver	107-1	2392	2184	2375	2317	5.00	cps
Sodium	23-2	112166	111486	111101	111584	0.48	cps
Strontium	86-1	83929	84775	82135	83613	1.61	cps
Strontium	88-1	721985	732173	721603	725254	0.83	cps
Sulfur	34-1	220136	221843	220929	220969	0.39	cps
Terbium	159-1	16709292	16729035	16734307	16724211	0.08	cps
Terbium	159-2	8006477	7976804	8026123	8003135	0.31	cps
Thallium	203-1	4184	3951	4151	4095	3.08	cps
Thallium	205-1	9771	9804	9729	9768	0.38	cps
Thorium	232-1	351947	352990	351383	352106	0.23	cps
Tin	118-1	27269	27820	27236	27442	1.20	cps
Titanium	47-1	72035	70931	69171	70712	2.04	cps
Uranium	238-1	44010	44377	44109	44165	0.43	cps
Vanadium	51-2	120241	120289	120416	120315	0.08	cps
Yttrium	89-1	13023357	13016300	13086771	13042143	0.30	cps
Yttrium	89-2	1696904	1701077	1692783	1696921	0.24	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	J6446-20DLX5	Instrumnet Name :	P7
Client Sample ID :	P001-SS023-1218-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-12-21 20:26:10	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	134271	133120	133675	133689	0.43	cps
Zirconium	90-1	159983	158305	160361	159550	0.69	cps
Zirconium	91-1	34818	35512	35896	35409	1.54	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 20:41:21	DataFile Name :	097CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6756929	6817293	6774400	6782874	0.46	cps
Antimony	121-1	5680037	5725408	5755588	5720344	0.66	cps
Arsenic	75-2	165887	167288	166768	166648	0.42	cps
Barium	135-1	7494730	7517491	7554098	7522106	0.40	cps
Barium	137-1	13311813	13163338	13307512	13260887	0.64	cps
Beryllium	9-1	1715373	1720299	1724993	1720222	0.28	cps
Bismuth	209-1	9739292	9733210	9791180	9754561	0.33	cps
Bismuth	209-2	5168565	5222525	5184781	5191957	0.53	cps
Boron	10-1	352876	357735	365059	358557	1.71	cps
Boron	11-1	1586666	1616934	1654936	1619512	2.11	cps
Cadmium	111-1	1781447	1811882	1814272	1802533	1.02	cps
Cadmium	106-1	191892	195057	198360	195103	1.66	cps
Cadmium	108-1	133126	133104	135600	133943	1.07	cps
Calcium	43-1	10225070	10187837	10191890	10201599	0.20	cps
Calcium	44-1	165190033	164291770	165860566	165114123	0.48	cps
Chromium	52-2	1623725	1633517	1627487	1628243	0.30	cps
Cobalt	59-2	2570641	2583127	2573838	2575869	0.25	cps
Copper	63-2	3582483	3598140	3602181	3594268	0.29	cps
Dysprosium	156-1	183	250	242	225	16.14	cps
Dysprosium	156-2	167	197	163	176	10.46	cps
Erbium	164-1	50	133	125	103	44.66	cps
Erbium	164-2	37	37	27	33	17.32	cps
Gadolinium	160-1	133	150	108	131	16.06	cps
Gadolinium	160-2	257	320	213	263	20.37	cps
Holmium	165-1	16022984	16054789	16204998	16094257	0.60	cps
Holmium	165-2	7932313	7988347	7953965	7958208	0.36	cps
Indium	115-1	11106959	11118132	11148855	11124649	0.20	cps
Indium	115-2	1996839	2021813	2013857	2010836	0.63	cps
Iron	56-2	356815775	360311408	356360097	357829093	0.60	cps
Iron	57-2	8739436	8817715	8728035	8761728	0.56	cps
Krypton	83-1	467	360	447	424	13.36	cps
Lead	206-1	5437887	5526466	5542823	5502392	1.03	cps
Lead	207-1	4872172	4928733	4926367	4909091	0.65	cps
Lead	208-1	21981411	22164520	22100778	22082236	0.42	cps
Lithium	6-1	4979646	4983189	5004106	4988980	0.26	cps
Magnesium	24-2	72661666	73130579	73019560	72937268	0.34	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 20:41:21	DataFile Name :	097CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2037437	2068479	2033365	2046427	0.94	cps
Molybdenum	94-1	11999142	11919526	12073199	11997289	0.64	cps
Molybdenum	95-1	14599733	14661258	14715759	14658916	0.40	cps
Molybdenum	96-1	16171477	16245783	16423039	16280100	0.79	cps
Molybdenum	97-1	9030331	9110563	9108833	9083242	0.50	cps
Molybdenum	98-1	23412229	23493627	23528309	23478055	0.25	cps
Neodymium	150-1	660	693	813	722	11.17	cps
Neodymium	150-2	113	107	103	108	4.72	cps
Nickel	60-2	681866	689335	687428	686210	0.57	cps
Phosphorus	31-2	64356	66373	64573	65101	1.70	cps
Potassium	39-2	31329497	31695057	31326593	31450382	0.67	cps
Rhodium	103-1	9212741	9244548	9251739	9236343	0.22	cps
Rhodium	103-2	4078234	4138649	4144358	4120413	0.89	cps
Scandium	45-1	7499507	7546786	7625262	7557185	0.84	cps
Scandium	45-2	292889	293004	291577	292490	0.27	cps
Selenium	77-2	4864	4871	4868	4868	0.07	cps
Selenium	78-2	16498	16871	16747	16705	1.14	cps
Selenium	82-1	122540	122964	122788	122764	0.17	cps
Silicon	28-1	4935848	4960181	5038958	4978329	1.08	cps
Silver	109-1	7626176	7580744	7606336	7604419	0.30	cps
Silver	107-1	7885616	7798144	7893897	7859219	0.68	cps
Sodium	23-2	138370036	140385616	139208578	139321410	0.73	cps
Strontium	86-1	2019110	2046477	2049751	2038446	0.83	cps
Strontium	88-1	17728202	17799000	17730553	17752585	0.23	cps
Sulfur	34-1	960550	964900	971740	965730	0.58	cps
Terbium	159-1	16126363	16265203	16291648	16227738	0.55	cps
Terbium	159-2	7648515	7655682	7621237	7641811	0.24	cps
Thallium	203-1	6795201	6780243	6851192	6808879	0.55	cps
Thallium	205-1	16327660	16264462	16443779	16345301	0.56	cps
Thorium	232-1	25203521	25188496	25262552	25218189	0.16	cps
Tin	118-1	5228063	5222710	5294551	5248441	0.76	cps
Titanium	47-1	4399205	4397531	4442496	4413078	0.58	cps
Uranium	238-1	24428560	24515378	24534855	24492931	0.23	cps
Vanadium	51-2	1301249	1310340	1303838	1305142	0.36	cps
Yttrium	89-1	11628026	11695817	11708089	11677311	0.37	cps
Yttrium	89-2	1514219	1531268	1528096	1524528	0.59	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCV23	Instrumnet Name :	P7
Client Sample ID :	CCV23	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 20:41:21	DataFile Name :	097CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	588660	590220	590958	589946	0.20	cps
Zirconium	90-1	10107397	10062575	10167877	10112616	0.52	cps
Zirconium	91-1	2257472	2244970	2286604	2263015	0.94	cps

LB Number :	LB100015	Operator :	Jaswal
Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
Date & Time Acquired ::	2018-12-21 20:45:02	DataFile Name :	098CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458	525	508	497	6.98	cps
Antimony	121-1	3267	3334	3134	3245	3.14	cps
Arsenic	75-2	35	37	22	31	25.65	cps
Barium	135-1	742	867	750	786	8.89	cps
Barium	137-1	1233	1375	1325	1311	5.48	cps
Beryllium	9-1	333	472	450	419	17.83	cps
Bismuth	209-1	12057924	12032901	12110776	12067201	0.33	cps
Bismuth	209-2	6671692	6636128	6646461	6651427	0.28	cps
Boron	10-1	17436	15700	15667	16268	6.22	cps
Boron	11-1	75405	69887	64070	69787	8.12	cps
Cadmium	111-1	3191	3159	3160	3170	0.58	cps
Cadmium	106-1	4226	4218	4251	4231	0.41	cps
Cadmium	108-1	42	38	17	32	41.92	cps
Calcium	43-1	1217	1008	1300	1175	12.79	cps
Calcium	44-1	22067	22535	20524	21709	4.85	cps
Chromium	52-2	1013	1190	1190	1131	9.02	cps
Cobalt	59-2	297	307	270	291	6.51	cps
Copper	63-2	593	553	547	564	4.47	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	83	33	8	42	91.66	cps
Erbium	164-2	17	10	30	19	53.91	cps
Gadolinium	160-1	42	75	42	53	36.46	cps
Gadolinium	160-2	270	263	223	252	10.01	cps
Holmium	165-1	16943185	16988262	17130461	17020636	0.57	cps
Holmium	165-2	8590006	8569226	8556113	8571782	0.20	cps
Indium	115-1	12905721	12912684	13117130	12978512	0.93	cps
Indium	115-2	2328235	2318190	2349321	2331915	0.68	cps
Iron	56-2	32843	32353	28957	31384	6.74	cps
Iron	57-2	906	839	717	820	11.68	cps
Krypton	83-1	310	360	387	352	11.05	cps
Lead	206-1	1956	1683	1878	1839	7.63	cps
Lead	207-1	1533	1389	1511	1478	5.26	cps
Lead	208-1	7184	6868	6890	6981	2.53	cps
Lithium	6-1	5480200	5532436	5593537	5535391	1.02	cps
Magnesium	24-2	5535	5968	4893	5465	9.90	cps

LB Number : LB100015 Operator : Jaswal
 Lab Sample ID : CCB23 Instrumnet Name : P7
 Client Sample ID : CCB23 Dilution Factor : 1
 Date & Time Acquired :: 2018-12-21 20:45:02 DataFile Name : 098CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	307	293	237	279	13.33	cps
Molybdenum	94-1	3125	3167	2667	2987	9.29	cps
Molybdenum	95-1	4543	3834	3467	3948	13.85	cps
Molybdenum	96-1	4993	4659	3709	4454	14.96	cps
Molybdenum	97-1	2459	2659	2034	2384	13.39	cps
Molybdenum	98-1	6485	6385	5318	6063	10.67	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	143	100	122	17.75	cps
Phosphorus	31-2	83	33	42	53	50.76	cps
Potassium	39-2	17853	17553	16401	17269	4.44	cps
Rhodium	103-1	11427095	11442663	11522805	11464188	0.45	cps
Rhodium	103-2	5100632	5064973	5154109	5106571	0.88	cps
Scandium	45-1	8274411	8387661	8412545	8358205	0.88	cps
Scandium	45-2	314539	315946	318731	316405	0.67	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	70	54	43	56	25.17	cps
Selenium	82-1	54	28	5	29	85.88	cps
Silicon	28-1	254817	251694	247527	251346	1.46	cps
Silver	109-1	1225	1108	1158	1164	5.03	cps
Silver	107-1	1317	1375	1008	1233	15.98	cps
Sodium	23-2	29221	28302	28444	28656	1.73	cps
Strontium	86-1	883	833	758	825	7.62	cps
Strontium	88-1	2092	1967	1759	1939	8.69	cps
Sulfur	34-1	221455	223536	223773	222921	0.57	cps
Terbium	159-1	17258009	17309814	17406496	17324773	0.44	cps
Terbium	159-2	8311186	8271024	8327206	8303139	0.35	cps
Thallium	203-1	2317	2317	1892	2175	11.28	cps
Thallium	205-1	5110	4859	4643	4871	4.80	cps
Thorium	232-1	4167	4423	3723	4104	8.63	cps
Tin	118-1	2042	2009	1892	1981	3.98	cps
Titanium	47-1	608	475	400	494	21.34	cps
Uranium	238-1	2375	2325	1767	2156	15.67	cps
Vanadium	51-2	70	83	73	76	9.19	cps
Yttrium	89-1	12882333	12910248	12974296	12922292	0.36	cps
Yttrium	89-2	1667755	1661281	1674437	1667824	0.39	cps

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Lab Sample ID :	CCB23	Instrumnet Name :	P7
Client Sample ID :	CCB23	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	423	423	440	429	2.24	cps
Zirconium	90-1	1959	1825	1859	1881	3.69	cps
Zirconium	91-1	383	500	325	403	22.12	cps