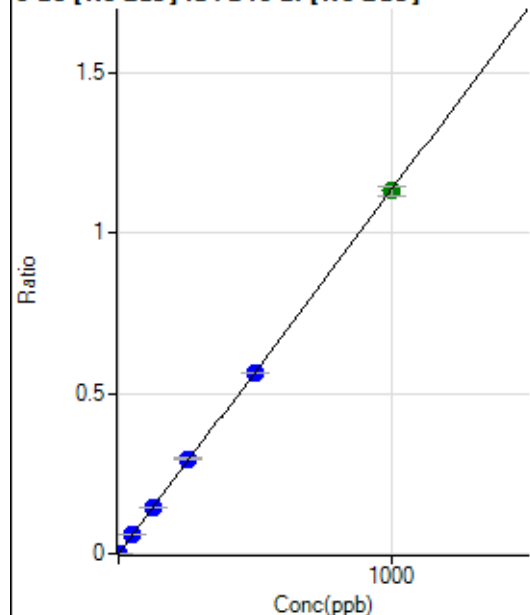


Batch Folder: D:\P8101218-MS.b\
Analysis File: P8101218-MS.batch.bin
DA Date-Time: 2018-10-12 17:34:41
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-12 12:10:39
2			
3	005CALS.d	S02	2018-10-12 12:17:25
4	006CALS.d	S03	2018-10-12 12:21:42
5	007CALS.d	S04	2018-10-12 12:25:27
6	008CALS.d	S05	2018-10-12 12:29:04
7	009CALS.d	S06	2018-10-12 12:32:35
8	010CALS.d	S07	2018-10-12 12:36:03
9	011CALS.d	S08	2018-10-12 12:39:28

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.96	0.0001	P	5.3
2	☐	0.100					
3	☐	1.000	1.120	1503.82	0.0013	P	3.4
4	☐	50.000	51.808	67854.15	0.0588	P	0.3
5	☐	125.000	128.233	171282.77	0.1454	P	1.3
6	☐	250.000	261.547	335796.04	0.2964	P	2.6
7	☐	500.000	497.713	639275.27	0.5640	P	0.6
8	☐	1000.000	997.762	1224965.33	1.1307	A	2.9
9	☐			807.46	0.0008	P	10.9

$$y = 0.0011 * x + 5.3776E-005$$

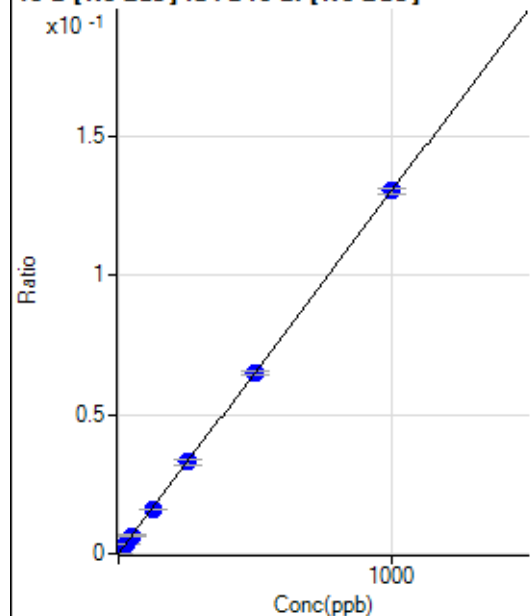
$$R = 0.9999$$

$$DL = 0.007579$$

$$BEC = 0.04746$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0001	P	5.6
2	☐	2.500					
3	☐	25.000	26.547	4011.83	0.0035	P	5.9
4	☐	50.000	49.467	7518.95	0.0065	P	5.5
5	☐	125.000	122.132	18818.54	0.0160	P	2.1
6	☐	250.000	253.445	37419.33	0.0331	P	6.7
7	☐	500.000	498.107	73547.27	0.0649	P	1.8
8	☐	1000.000	1000.432	141156.95	0.1303	P	1.5
9	☐			6682.41	0.0064	P	4.6

$$y = 1.3013E-004 * x + 7.5924E-005$$

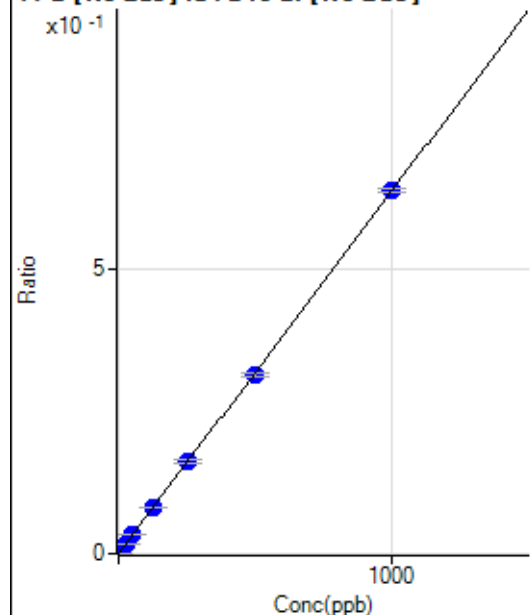
$$R = 1.0000$$

$$DL = 0.09875$$

$$BEC = 0.5834$$

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	411.13	0.0004	P	8.5
2	☐	2.500					
3	☐	25.000	27.081	19975.63	0.0176	P	1.3
4	☐	50.000	51.208	38015.37	0.0329	P	3.5
5	☐	125.000	125.882	94768.02	0.0804	P	1.5
6	☐	250.000	254.915	184032.74	0.1625	P	3.8
7	☐	500.000	494.190	356629.39	0.3147	P	2.2
8	☐	1000.000	1001.454	690611.13	0.6373	P	1.1
9	☐			31379.81	0.0298	P	9.7

$$y = 6.3606\text{E-}004 * x + 3.5114\text{E-}004$$

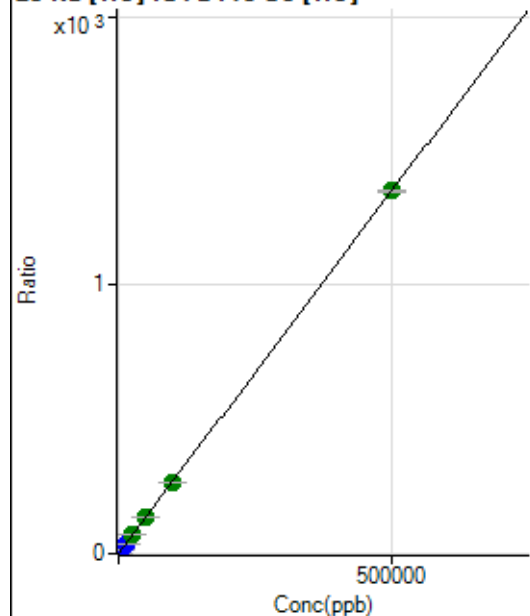
$$R = 1.0000$$

$$DL = 0.1411$$

$$BEC = 0.5521$$

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	5251.20	0.2148	P	1.8
2	☐	50.000					
3	☐	500.000	535.236	40168.72	1.6593	P	1.6
4	☐	5000.000	5090.754	334784.73	13.9540	P	2.2
5	☐	12500.000	12775.735	838046.28	34.6946	P	2.0
6	☐	25000.000	25636.370	1641640.90	69.4036	A	2.2
7	☐	50000.000	49563.123	3041573.22	133.9783	A	1.5
8	☐	100000.00	98213.101	5782799.26	265.2774	A	1.7
9	☐	500000.00	500361.41	30811521.17	1,350.615	A	0.7

$$y = 0.0027 * x + 0.2148$$

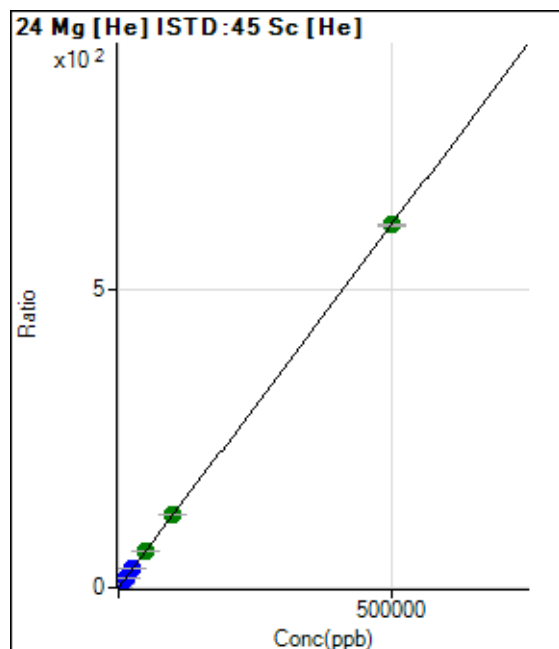
$$R = 1.0000$$

$$DL = 4.225$$

$$BEC = 79.6$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0066	P	19.3
2	☐	50.000					
3	☐	500.000	523.749	15634.31	0.6457	P	5.5
4	☐	5000.000	5152.289	150988.06	6.2935	P	2.3
5	☐	12500.000	12947.115	381736.58	15.8047	P	2.6
6	☐	25000.000	25556.742	737807.12	31.1911	P	1.9
7	☐	50000.000	50802.270	1407362.68	61.9958	A	1.8
8	☐	100000.00	100163.77	2664465.29	122.2269	A	1.5
9	☐	500000.00	499846.45	13914128.26	609.9217	A	0.5

$$y = 0.0012 * x + 0.0066$$

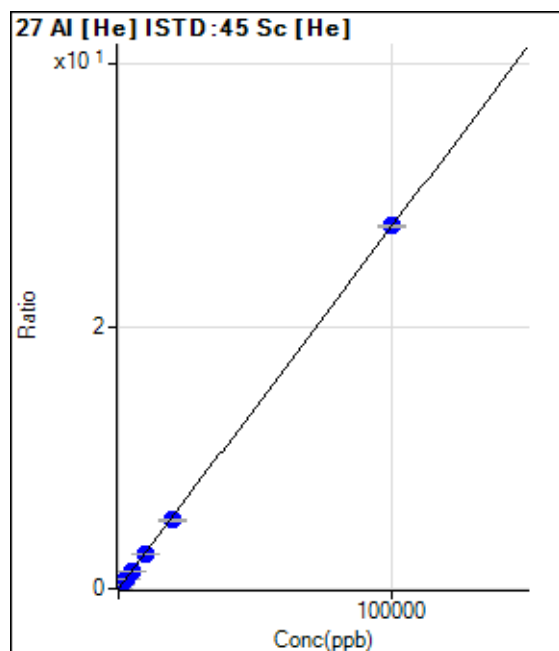
$$R = 1.0000$$

$$DL = 3.128$$

$$BEC = 5.411$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.50	0.0003	P	34.3
2	☐	2.000					
3	☐	20.000	19.450	137.54	0.0057	P	4.8
4	☐	1000.000	992.241	6580.75	0.2743	P	2.9
5	☐	2500.000	2464.562	16444.58	0.6808	P	2.5
6	☐	5000.000	4968.747	32465.12	1.3723	P	0.6
7	☐	10000.000	9537.757	59797.05	2.6339	P	1.0
8	☐	20000.000	18880.868	113659.55	5.2137	P	1.0
9	☐	100000.00	100272.57	631637.94	27.6878	P	0.8

$$y = 2.7612E-004 * x + 3.0779E-004$$

$$R = 0.9999$$

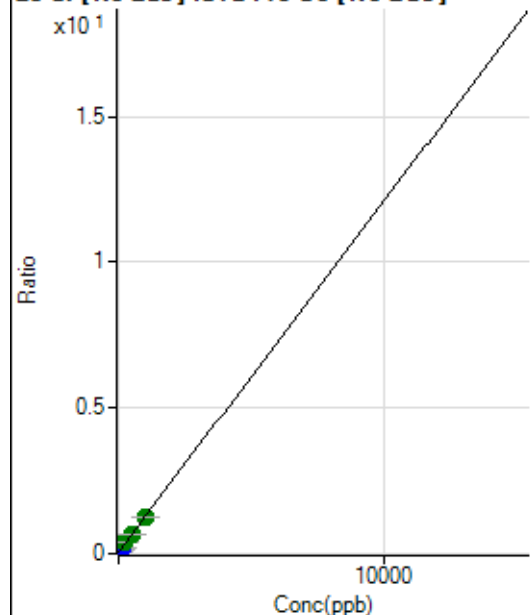
$$DL = 1.147$$

$$BEC = 1.115$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175301.71	0.0530	P	1.8
2	☐	1.000					
3	☐	10.000	17.716	242980.28	0.0744	P	0.4
4	☐	50.000	53.594	390653.76	0.1177	P	1.7
5	☐	125.000	137.290	730423.17	0.2188	P	0.7
6	☐	250.000	278.733	1251623.35	0.3896	A	2.0
7	☐	500.000	511.785	2153365.82	0.6710	A	1.1
8	☐	1000.000	985.131	3800322.96	1.2427	A	1.3
9	☐			303333.06	0.0997	P	2.2

$$y = 0.0012 * x + 0.0530$$

$$R = 0.9995$$

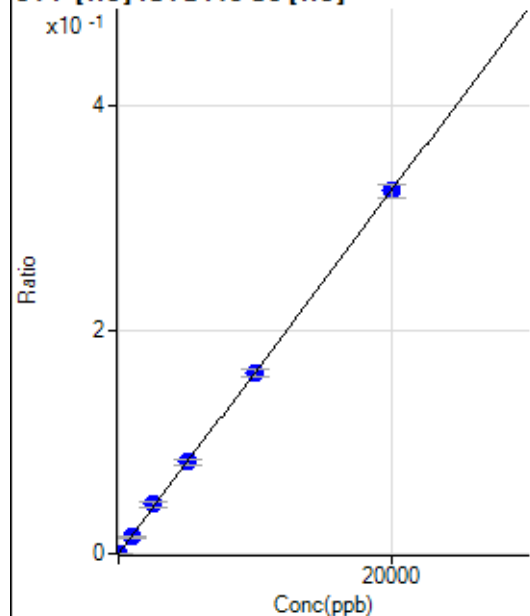
$$DL = 2.315$$

$$BEC = 43.86$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-7.129	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	7.129	5.55	0.0002	P	86.6
4	☐	1000.000	935.393	366.69	0.0153	P	9.8
5	☐	2500.000	2700.594	1061.20	0.0439	P	8.3
6	☐	5000.000	5038.818	1936.35	0.0819	P	5.3
7	☐	10000.000	9979.865	3681.18	0.1621	P	3.9
8	☐	20000.000	19978.519	7068.76	0.3243	P	3.8
9	☐			2.78	0.0001	P	173.2

$$y = 1.6228E-005 * x + 1.1568E-004$$

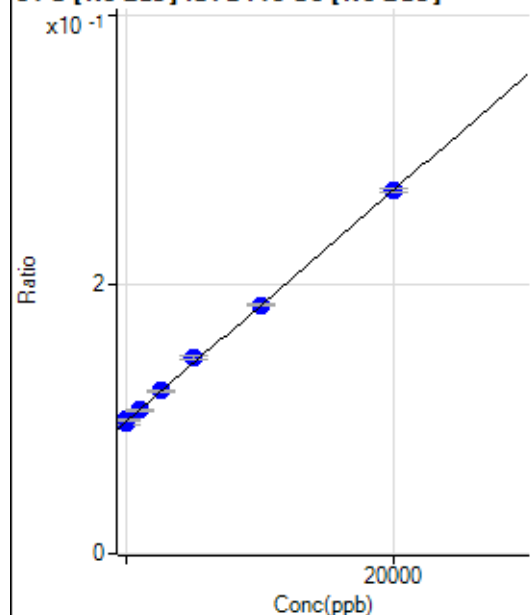
$$R = 0.9999$$

$$DL = 18.52$$

$$BEC = 7.129$$

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	-113.573	322891.42	0.0976	P	3.0
2	☐	0.000					
3	☐	0.000	113.573	325233.92	0.0995	P	0.8
4	☐	1000.000	964.358	354723.24	0.1069	P	1.4
5	☐	2500.000	2600.354	403829.67	0.1210	P	1.1
6	☐	5000.000	5462.770	467688.37	0.1456	P	2.7
7	☐	10000.000	10009.888	592867.74	0.1847	P	0.5
8	☐	20000.000	19868.602	824540.18	0.2696	P	0.9
9	☐			281660.28	0.0926	P	2.0

$$y = 8.6088\text{E-}006 * x + 0.0986$$

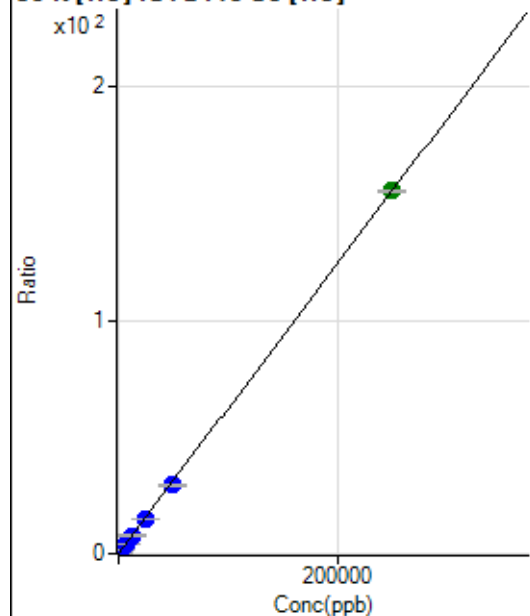
$$R = 0.9996$$

$$DL = 658$$

$$BEC = 1.145\text{E}+04$$

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	1905.78	0.0780	P	5.6
2	☐	50.000					
3	☐	500.000	535.215	9926.13	0.4100	P	3.3
4	☐	2500.000	2544.095	39729.25	1.6560	P	2.6
5	☐	6250.000	6300.460	96284.42	3.9860	P	1.9
6	☐	12500.000	12463.533	184719.42	7.8088	P	1.5
7	☐	25000.000	23909.290	338438.54	14.9082	P	1.7
8	☐	50000.000	47430.972	643028.55	29.4981	P	1.8
9	☐	250000.00	250622.92	3548141.61	155.5321	A	0.7

$$y = 6.2027\text{E-}004 * x + 0.0780$$

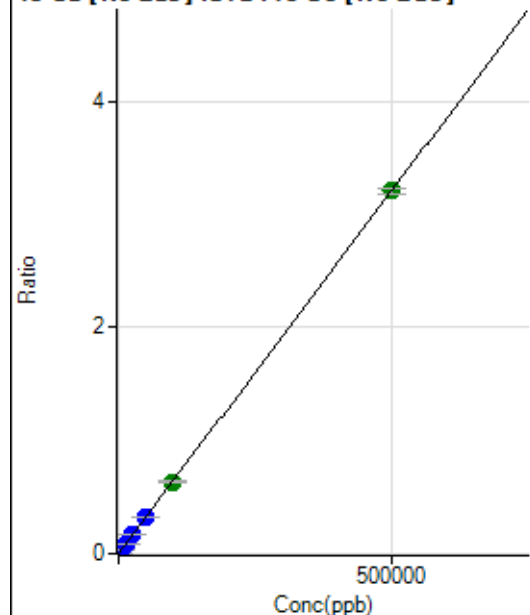
$$R = 0.9999$$

$$DL = 21.27$$

$$BEC = 125.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	341.69	0.0001	P	17.6
2	☐	50.000					
3	☐	500.000	527.141	11382.92	0.0035	P	1.6
4	☐	5000.000	4979.220	106328.58	0.0320	P	1.6
5	☐	12500.000	12545.110	268932.39	0.0805	P	1.4
6	☐	25000.000	25783.340	531353.47	0.1654	P	3.5
7	☐	50000.000	49417.044	1017266.43	0.3170	P	0.9
8	☐	100000.00	99344.500	1948695.60	0.6372	A	0.1
9	☐	500000.00	500149.28	9760357.16	3.2073	A	1.3

$$y = 6.4125\text{E-}006 * x + 1.0326\text{E-}004$$

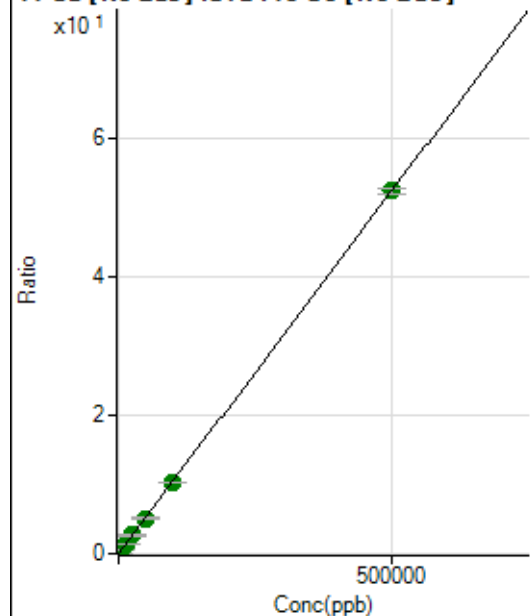
$$R = 1.0000$$

$$DL = 8.494$$

$$BEC = 16.1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8275.13	0.0025	P	5.0
2	☐	50.000					
3	☐	500.000	515.981	184493.38	0.0565	P	1.1
4	☐	5000.000	5048.569	1761033.70	0.5305	A	1.1
5	☐	12500.000	12522.516	4381250.92	1.3122	A	0.6
6	☐	25000.000	25518.083	8579372.59	2.6714	A	3.8
7	☐	50000.000	49015.900	16459756.10	5.1290	A	0.9
8	☐	100000.00	97945.098	31336342.02	10.2465	A	1.1
9	☐	500000.00	500482.42	159299753.5	52.3475	A	1.3

$$y = 1.0459\text{E-}004 * x + 0.0025$$

$$R = 1.0000$$

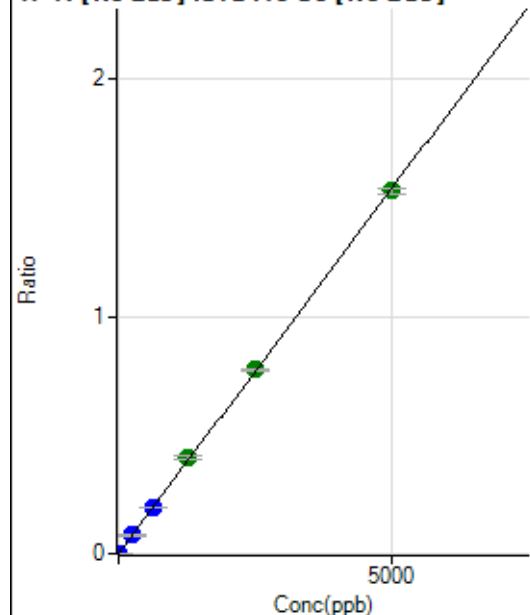
$$DL = 3.613$$

$$BEC = 23.92$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	16.1
2	☐	0.500					
3	☐	5.000	5.409	5487.41	0.0017	P	2.9
4	☐	250.000	251.135	256578.98	0.0773	P	1.4
5	☐	625.000	635.542	653042.12	0.1956	P	1.2
6	☐	1250.000	1309.974	1294770.84	0.4031	A	3.6
7	☐	2500.000	2521.547	2490121.89	0.7760	A	1.3
8	☐	5000.000	4972.858	4680110.48	1.5303	A	1.3
9	☐			1355.68	0.0004	P	10.3

$$y = 3.0774\text{E-}004 * x + 1.5102\text{E-}005$$

$$R = 0.9999$$

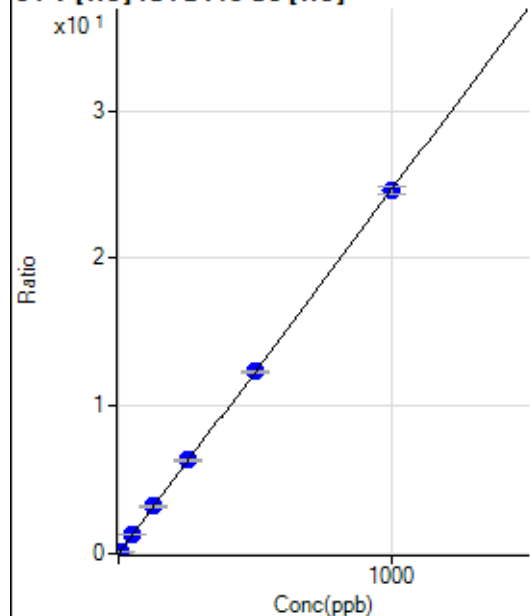
$$DL = 0.02368$$

$$BEC = 0.04907$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0001	P	86.6
2	☐	0.500					
3	☐	5.000	5.350	3191.53	0.1318	P	0.6
4	☐	50.000	52.226	30857.48	1.2861	P	2.0
5	☐	125.000	129.781	77187.90	3.1958	P	2.8
6	☐	250.000	258.365	150497.13	6.3621	P	1.5
7	☐	500.000	499.642	279302.80	12.3033	P	1.8
8	☐	1000.000	997.377	535365.60	24.5596	P	2.0
9	☐			334.46	0.0147	P	17.7

$$y = 0.0246 * x + 8.9973\text{E-}005$$

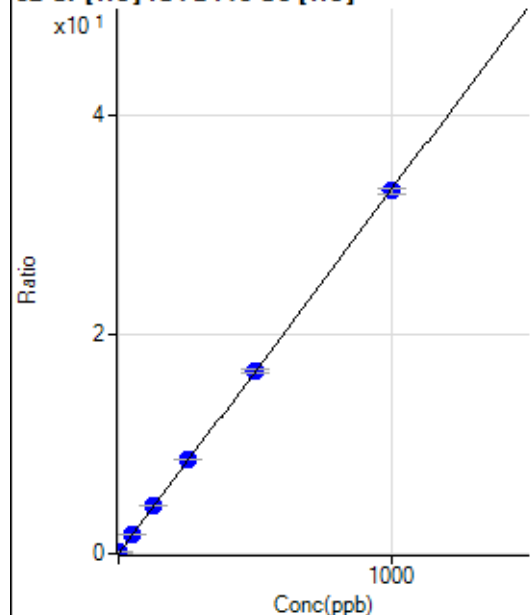
$$R = 1.0000$$

$$DL = 0.009496$$

$$BEC = 0.003654$$

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	385.57	0.0158	P	5.2
2	☐	0.200					
3	☐	2.000	2.483	2380.25	0.0983	P	1.3
4	☐	50.000	52.148	41972.99	1.7489	P	0.4
5	☐	125.000	130.569	105205.96	4.3553	P	1.8
6	☐	250.000	258.428	203553.14	8.6048	P	1.4
7	☐	500.000	501.515	378744.03	16.6840	P	1.8
8	☐	1000.000	996.331	722195.60	33.1296	P	1.7
9	☐			41919.53	1.8376	P	1.5

$$y = 0.0332 * x + 0.0158$$

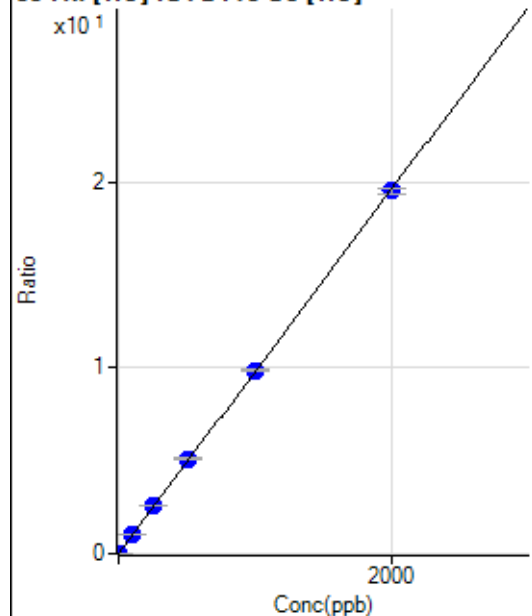
$$R = 1.0000$$

$$DL = 0.07425$$

$$BEC = 0.4748$$

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	26.67	0.0011	P	43.7
2	☐	0.100					
3	☐	1.000	1.083	284.45	0.0117	P	21.4
4	☐	100.000	102.941	24261.30	1.0115	P	4.2
5	☐	250.000	262.291	62214.48	2.5757	P	2.1
6	☐	500.000	517.993	120295.48	5.0856	P	1.9
7	☐	1000.000	1004.283	223823.25	9.8589	P	1.1
8	☐	2000.000	1991.677	426193.01	19.5508	P	1.6
9	☐			3668.33	0.1608	P	3.8

$$y = 0.0098 * x + 0.0011$$

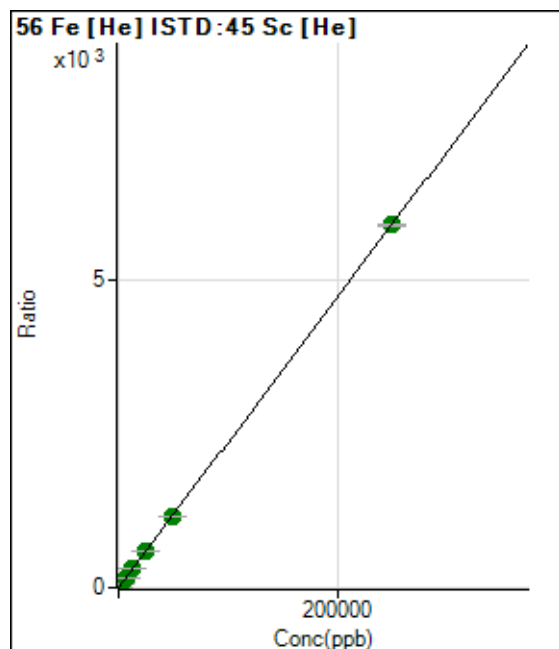
$$R = 0.9999$$

$$DL = 0.146$$

$$BEC = 0.1113$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	805.60	0.0329	P	3.1
2	☐	5.000					
3	☐	50.000	54.533	31836.86	1.3152	P	1.7
4	☐	2500.000	2610.856	1473639.25	61.4229	A	2.3
5	☐	6250.000	6482.126	3682097.82	152.4494	A	2.7
6	☐	12500.000	12791.938	7115739.68	300.8142	A	1.7
7	☐	25000.000	24715.432	13193985.48	581.1754	A	1.3
8	☐	50000.000	49190.600	25214270.01	1,156.668	A	1.7
9	☐	250000.00	250168.82	134193504.8	5,882.338	A	0.6

$$y = 0.0235 * x + 0.0329$$

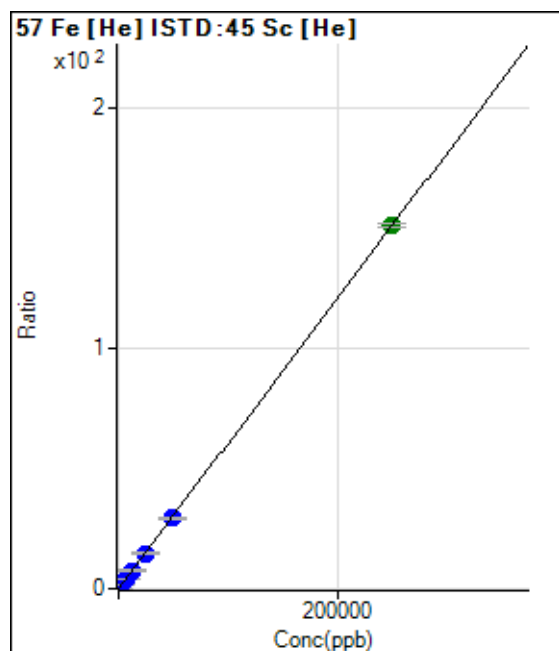
$$R = 1.0000$$

$$DL = 0.1289$$

$$BEC = 1.401$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.34	0.0014	P	57.7
2	☐	5.000					
3	☐	50.000	47.410	725.97	0.0300	P	14.2
4	☐	2500.000	2529.958	36667.31	1.5283	P	1.9
5	☐	6250.000	6336.740	92410.30	3.8257	P	2.1
6	☐	12500.000	12592.486	179812.95	7.6013	P	1.4
7	☐	25000.000	24484.176	335518.23	14.7782	P	0.8
8	☐	50000.000	48650.793	640106.21	29.3634	P	1.4
9	☐	250000.00	250314.33	3446412.63	151.0725	A	1.0

$$y = 6.0353E-004 * x + 0.0014$$

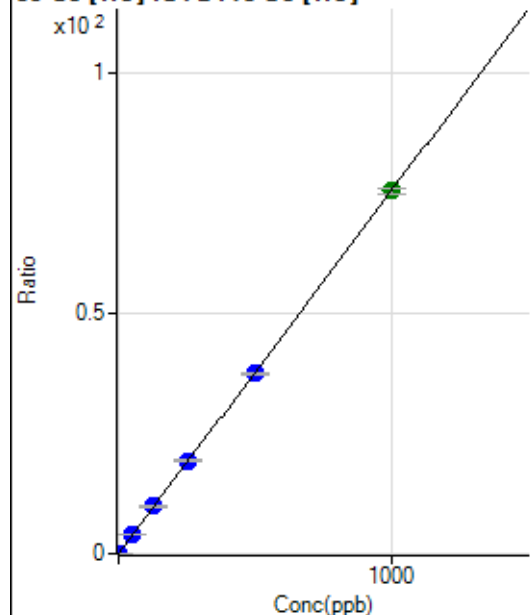
$$R = 1.0000$$

$$DL = 3.903$$

$$BEC = 2.257$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0018	P	13.5
2	☐	0.100					
3	☐	1.000	1.116	2079.08	0.0859	P	5.3
4	☐	50.000	52.003	94065.53	3.9208	P	2.4
5	☐	125.000	129.821	236356.73	9.7852	P	2.2
6	☐	250.000	255.423	455368.35	19.2506	P	1.7
7	☐	500.000	496.765	849941.64	37.4382	P	1.2
8	☐	1000.000	999.559	1642124.42	75.3290	A	1.7
9	☐			22087.75	0.9682	P	1.6

$$y = 0.0754 * x + 0.0018$$

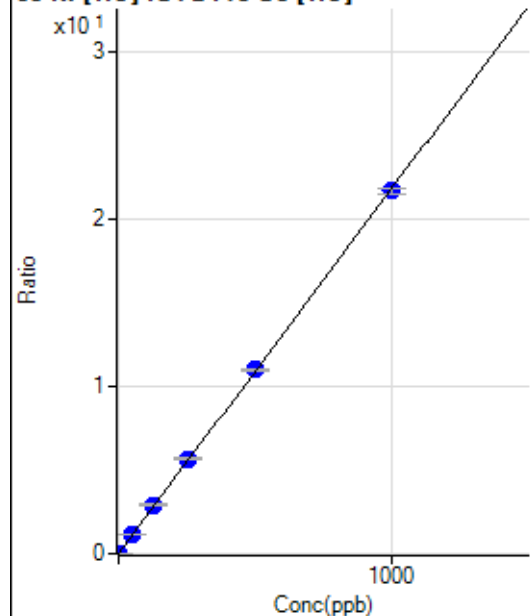
$$R = 1.0000$$

$$DL = 0.009766$$

$$BEC = 0.02417$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	148.89	0.0061	P	11.1
2	☐	0.100					
3	☐	1.000	1.153	756.71	0.0312	P	5.6
4	☐	50.000	53.370	28086.29	1.1707	P	2.4
5	☐	125.000	132.722	70102.21	2.9022	P	2.5
6	☐	250.000	260.447	134576.98	5.6893	P	1.8
7	☐	500.000	503.715	249682.74	10.9976	P	0.9
8	☐	1000.000	994.397	473145.31	21.7047	P	1.6
9	☐			21918.57	0.9608	P	0.9

$$y = 0.0218 * x + 0.0061$$

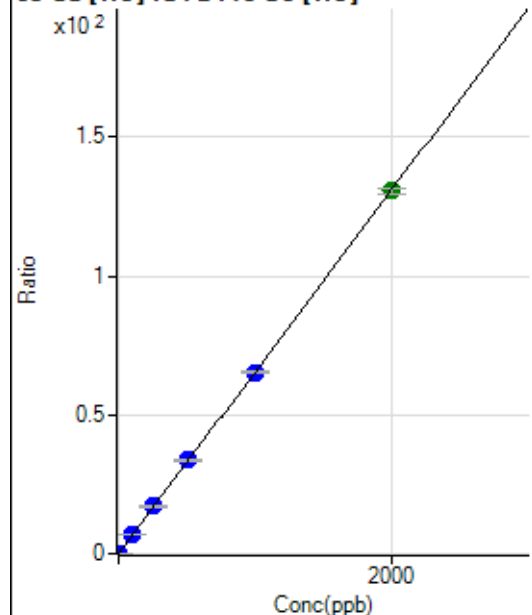
$$R = 0.9999$$

$$DL = 0.09304$$

$$BEC = 0.2789$$

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	196.67	0.0080	P	13.1
2	☐	0.200					
3	☐	2.000	2.186	3660.55	0.1512	P	4.2
4	☐	100.000	104.254	163980.50	6.8349	P	2.3
5	☐	250.000	260.231	411802.09	17.0488	P	2.2
6	☐	500.000	514.013	796394.84	33.6672	P	1.7
7	☐	1000.000	998.561	1484671.45	65.3969	P	1.2
8	☐	2000.000	1995.725	2849062.46	130.6942	A	1.5
9	☐			7185.31	0.3150	P	2.5

$$y = 0.0655 * x + 0.0080$$

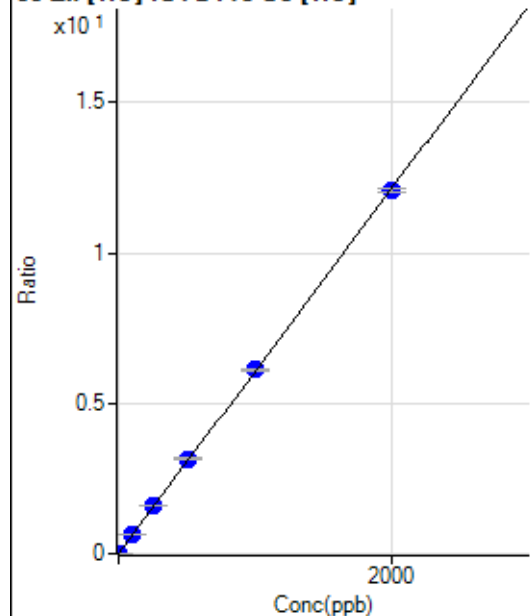
$$R = 1.0000$$

$$DL = 0.04836$$

$$BEC = 0.1228$$

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	94.45	0.0039	P	12.8
2	☐	0.200					
3	☐	2.000	2.259	425.57	0.0176	P	3.0
4	☐	100.000	105.301	15417.66	0.6425	P	0.8
5	☐	250.000	265.207	38945.82	1.6123	P	1.7
6	☐	500.000	518.254	74433.91	3.1469	P	2.4
7	☐	1000.000	1009.150	139033.49	6.1240	P	1.1
8	☐	2000.000	1988.695	263006.95	12.0646	P	1.2
9	☐			2231.33	0.0978	P	2.8

$$y = 0.0061 * x + 0.0039$$

$$R = 0.9999$$

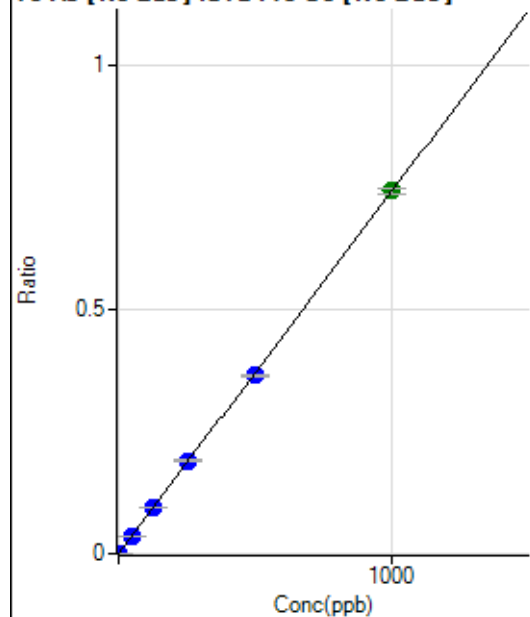
$$DL = 0.2454$$

$$BEC = 0.6382$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	43.1
2	☐	0.100					
3	☐	1.000	1.069	2705.94	0.0008	P	6.7
4	☐	50.000	49.575	121900.02	0.0367	P	1.0
5	☐	125.000	125.763	310847.16	0.0931	P	1.1
6	☐	250.000	256.577	609970.14	0.1899	P	3.2
7	☐	500.000	492.423	1169459.13	0.3644	P	1.4
8	☐	1000.000	1002.070	2267921.90	0.7416	A	1.4
9	☐			3861.81	0.0013	P	7.3

$$y = 7.4001\text{E-}004 * x + 3.7114\text{E-}005$$

$$R = 0.9999$$

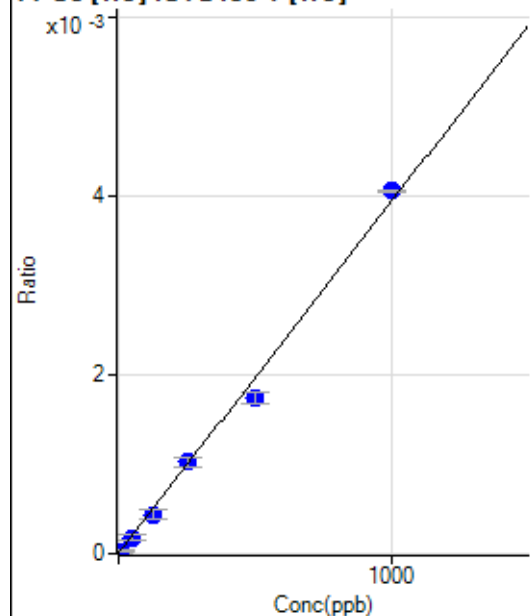
$$DL = 0.06488$$

$$BEC = 0.05015$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	6.123	5.56	0.0000	P	34.1
4	☐	50.000	44.632	33.33	0.0002	P	25.7
5	☐	125.000	108.085	78.89	0.0004	P	24.9
6	☐	250.000	259.353	185.56	0.0010	P	10.0
7	☐	500.000	439.974	298.90	0.0017	P	7.6
8	☐	1000.000	1030.052	666.70	0.0041	P	0.5
9	☐			1.11	0.0000	P	173.2

$$y = 3.9381\text{E-}006 * x + 6.1392\text{E-}006$$

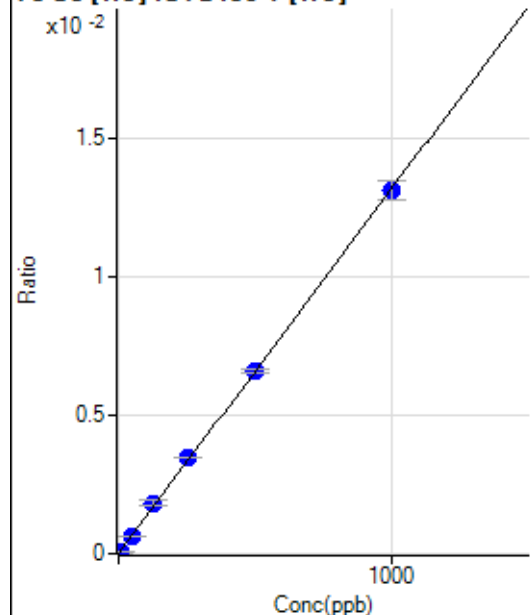
$$R = 0.9973$$

$$DL = 8.1$$

$$BEC = 1.559$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.85	0.0000	P	1.0
2	☐	0.500					
3	☐	5.000	2.551	8.03	0.0000	P	27.2
4	☐	50.000	48.309	118.52	0.0006	P	2.4
5	☐	125.000	138.281	334.58	0.0018	P	11.4
6	☐	250.000	262.452	627.18	0.0035	P	1.1
7	☐	500.000	502.007	1140.18	0.0066	P	2.3
8	☐	1000.000	994.320	2154.51	0.0131	P	5.2
9	☐			6.17	0.0000	P	96.8

$$y = 1.3196\text{E-}005 * x + 1.0177\text{E-}005$$

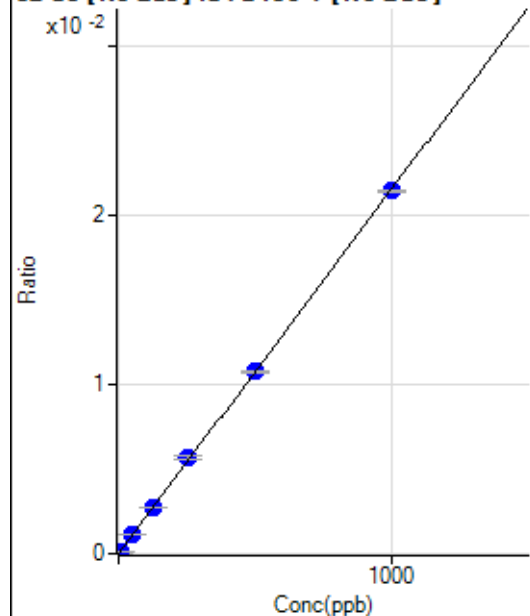
$$R = 0.9998$$

$$DL = 0.02383$$

$$BEC = 0.7712$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-9.59	0.0000	P	-515.
2	☐	0.500					
3	☐	5.000	5.330	680.77	0.0001	P	4.2
4	☐	50.000	51.716	6815.50	0.0011	P	1.9
5	☐	125.000	128.625	17238.48	0.0028	P	0.6
6	☐	250.000	263.159	33954.57	0.0057	P	3.5
7	☐	500.000	500.436	65377.01	0.0108	P	1.1
8	☐	1000.000	995.952	125693.45	0.0215	P	0.7
9	☐			113.01	0.0000	P	35.7

$$y = 2.1550\text{E-}005 * x - 1.6080\text{E-}006$$

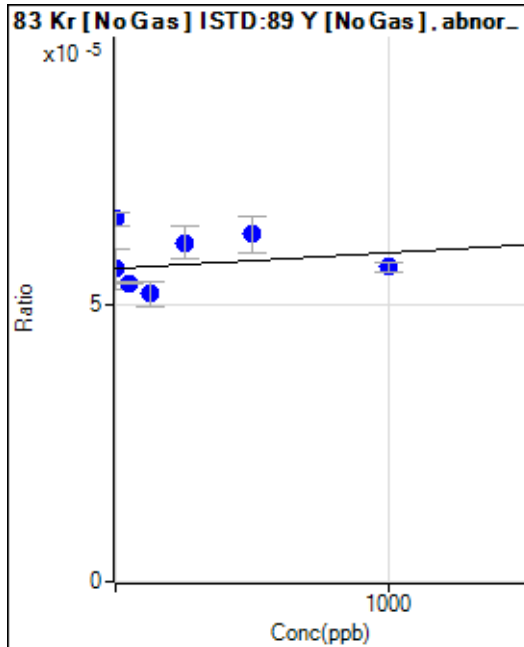
$$R = 0.9999$$

$$DL = 1.153$$

$$BEC = -0.07461$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	343.34	0.0001	P	12.8
2	☐	0.100					
3	☐	1.000	3131.044	393.35	0.0001	P	3.6
4	☐	50.000	-912.423	330.01	0.0001	P	0.2
5	☐	125.000	-1587.139	323.34	0.0001	P	8.5
6	☐	250.000	1644.989	366.68	0.0001	P	9.3
7	☐	500.000	2151.638	380.01	0.0001	P	10.8
8	☐	1000.000	84.442	332.23	0.0001	P	2.8
9	☐			335.57	0.0001	P	4.9

$$y = 2.8582\text{E-}009 * x + 5.6488\text{E-}005$$

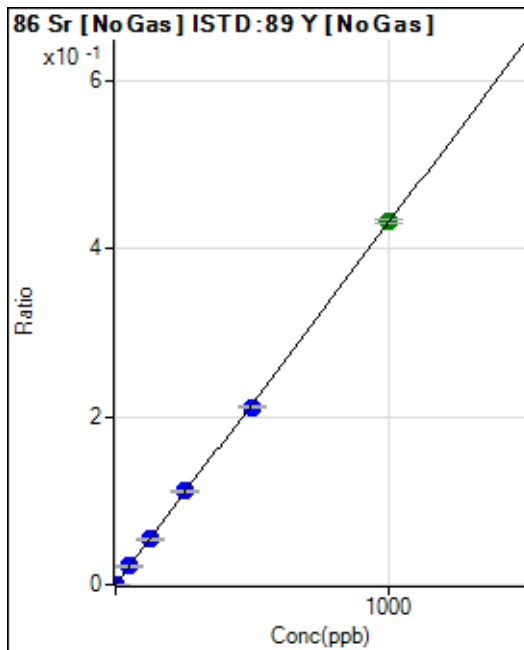
$$R = 0.0237$$

$$DL = 7584$$

$$BEC = 1.976\text{E+}04$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	502.81	0.0001	P	9.4
2	☐	0.100					
3	☐	1.000	1.156	3486.73	0.0006	P	6.1
4	☐	50.000	50.697	134139.00	0.0219	P	2.0
5	☐	125.000	125.433	336438.75	0.0541	P	1.5
6	☐	250.000	257.767	664858.96	0.1110	P	3.9
7	☐	500.000	490.769	1281225.97	0.2113	P	0.9
8	☐	1000.000	1002.585	2527786.65	0.4316	A	1.0
9	☐			12041.94	0.0021	P	3.6

$$y = 4.3042\text{E-}004 * x + 8.2742\text{E-}005$$

$$R = 0.9999$$

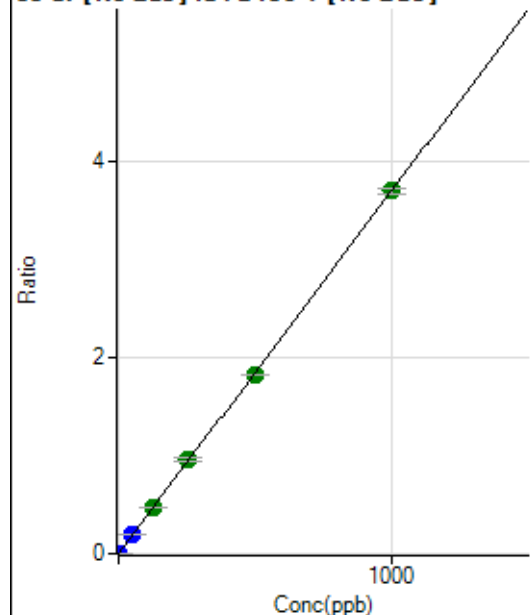
$$DL = 0.05409$$

$$BEC = 0.1922$$

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	133.34	0.0000	P	6.5
2	☐	0.100					
3	☐	1.000	1.097	24559.10	0.0041	P	0.8
4	☐	50.000	50.992	1157032.73	0.1889	P	0.7
5	☐	125.000	128.278	2956734.10	0.4752	A	1.7
6	☐	250.000	259.592	5758424.96	0.9616	A	3.8
7	☐	500.000	493.776	11090318.30	1.8291	A	0.5
8	☐	1000.000	1000.254	21699948.40	3.7052	A	1.3
9	☐			102208.97	0.0177	P	1.5

$$y = 0.0037 * x + 2.1932E-005$$

$$R = 0.9999$$

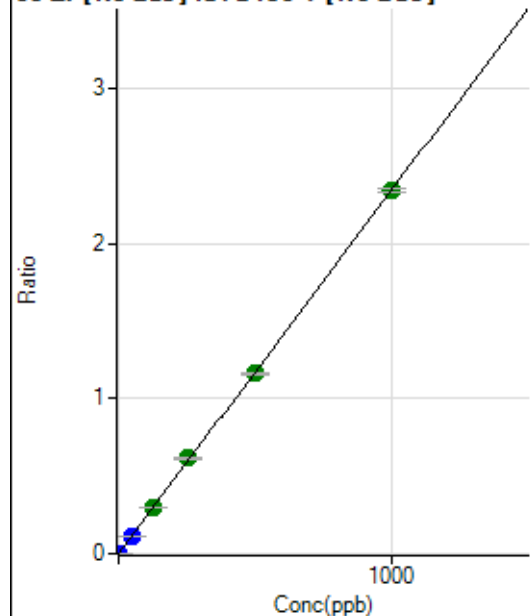
$$DL = 0.001157$$

$$BEC = 0.005921$$

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	527.81	0.0001	P	12.2
2	☐	0.100					
3	☐	1.000	0.971	14188.53	0.0024	P	3.9
4	☐	50.000	49.248	706867.66	0.1154	P	1.1
5	☐	125.000	127.799	1862756.99	0.2994	A	1.3
6	☐	250.000	262.395	3680439.45	0.6146	A	3.5
7	☐	500.000	496.846	7054947.90	1.1636	A	0.9
8	☐	1000.000	998.166	13690263.15	2.3376	A	1.0
9	☐			5765.37	0.0010	P	6.4

$$y = 0.0023 * x + 8.6844E-005$$

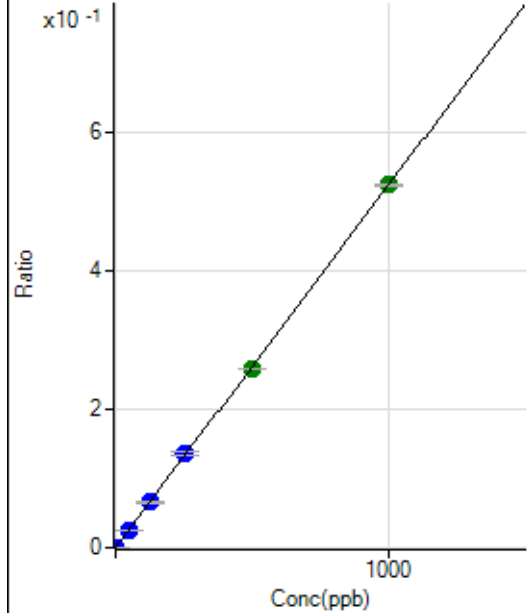
$$R = 0.9999$$

$$DL = 0.01353$$

$$BEC = 0.03708$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0000	P	16.9
2	☐	0.100					
3	☐	1.000	0.904	2969.88	0.0005	P	2.8
4	☐	50.000	48.935	156824.07	0.0256	P	2.1
5	☐	125.000	124.820	406234.87	0.0653	P	1.2
6	☐	250.000	258.351	809146.09	0.1351	P	3.3
7	☐	500.000	494.832	1568898.51	0.2588	A	0.4
8	☐	1000.000	1000.572	3064191.37	0.5232	A	0.6
9	☐			1236.23	0.0002	P	10.3

$$y = 5.2287\text{E-}004 * x + 2.1491\text{E-}005$$

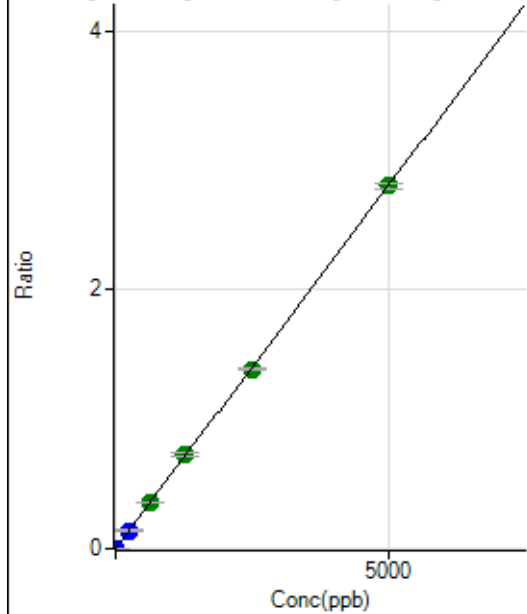
$$R = 0.9999$$

$$DL = 0.02082$$

$$BEC = 0.0411$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	255.57	0.0000	P	15.9
2	☐	0.500					
3	☐	5.000	5.346	18296.29	0.0030	P	3.3
4	☐	250.000	250.575	861985.02	0.1407	P	0.8
5	☐	625.000	641.667	2242274.57	0.3603	A	0.3
6	☐	1250.000	1307.387	4396379.83	0.7341	A	3.7
7	☐	2500.000	2475.491	8427852.71	1.3900	A	1.0
8	☐	5000.000	4995.795	16428677.10	2.8052	A	1.3
9	☐			24341.96	0.0042	P	2.8

$$y = 5.6151\text{E-}004 * x + 4.1985\text{E-}005$$

$$R = 0.9999$$

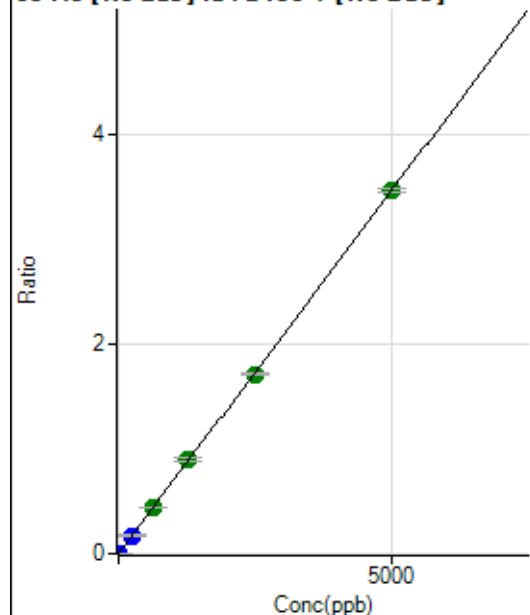
$$DL = 0.03558$$

$$BEC = 0.07477$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	29.9
2	☐	0.500					
3	☐	5.000	5.211	21815.65	0.0036	P	2.8
4	☐	250.000	251.317	1064220.87	0.1738	P	0.6
5	☐	625.000	642.669	2764469.24	0.4443	A	1.4
6	☐	1250.000	1309.698	5421272.30	0.9054	A	4.2
7	☐	2500.000	2468.913	10348099.02	1.7067	A	0.8
8	☐	5000.000	4998.345	20236136.74	3.4553	A	1.0
9	☐			38842.68	0.0067	P	1.4

$$y = 6.9128E-004 * x + 2.6995E-005$$

$$R = 0.9999$$

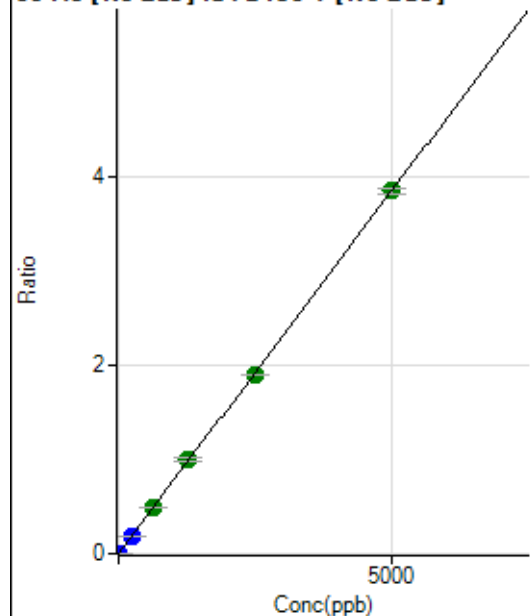
$$DL = 0.03508$$

$$BEC = 0.03905$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0000	P	21.2
2	☐	0.500					
3	☐	5.000	5.292	24728.96	0.0041	P	1.5
4	☐	250.000	249.996	1180951.02	0.1928	P	1.2
5	☐	625.000	640.602	3074042.47	0.4941	A	1.8
6	☐	1250.000	1293.723	5975272.49	0.9977	A	3.5
7	☐	2500.000	2467.044	11535320.83	1.9026	A	1.0
8	☐	5000.000	5003.597	22598559.71	3.8587	A	1.3
9	☐			42684.77	0.0074	P	1.9

$$y = 7.7118E-004 * x + 3.2487E-005$$

$$R = 0.9999$$

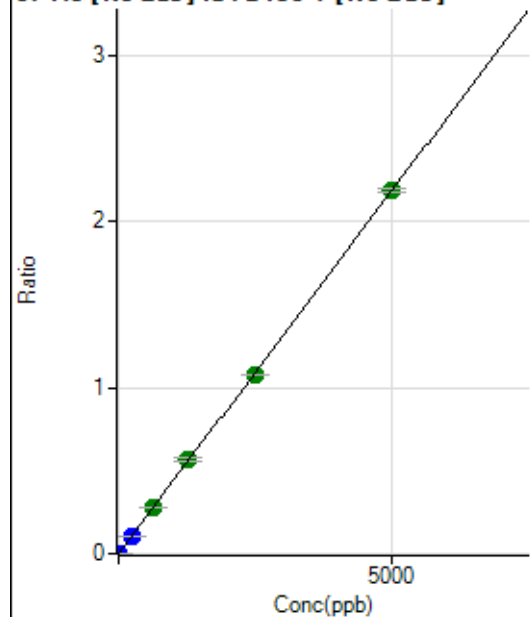
$$DL = 0.02676$$

$$BEC = 0.04213$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.90	0.0000	P	51.9
2	☐	0.500					
3	☐	5.000	5.194	13763.11	0.0023	P	0.9
4	☐	250.000	249.549	668294.04	0.1091	P	0.8
5	☐	625.000	636.443	1731357.11	0.2783	A	1.3
6	☐	1250.000	1303.815	3413593.00	0.5700	A	3.5
7	☐	2500.000	2463.298	6529558.05	1.0769	A	0.6
8	☐	5000.000	5003.489	12810548.90	2.1874	A	1.1
9	☐			24200.33	0.0042	P	1.2

$$y = 4.3717\text{E-}004 * x + 1.8757\text{E-}005$$

$$R = 0.9999$$

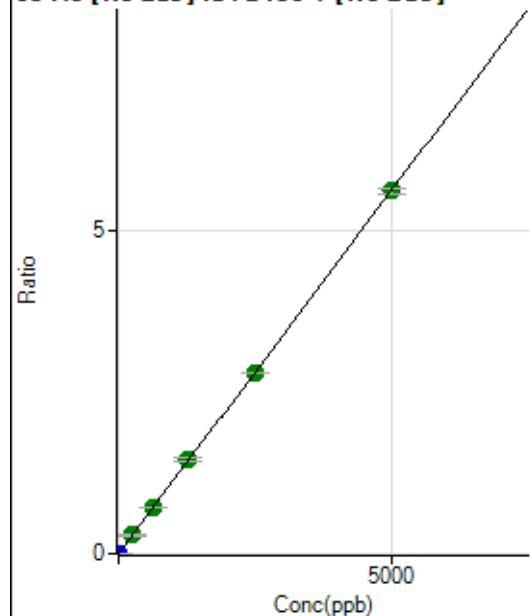
$$DL = 0.06682$$

$$BEC = 0.04291$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	247.24	0.0000	P	11.1
2	☐	0.500					
3	☐	5.000	5.364	36405.63	0.0061	P	1.3
4	☐	250.000	251.957	1730658.91	0.2826	A	0.7
5	☐	625.000	632.042	4410286.34	0.7087	A	0.4
6	☐	1250.000	1293.365	8684615.91	1.4503	A	3.8
7	☐	2500.000	2488.050	16915322.60	2.7899	A	0.6
8	☐	5000.000	4994.156	32795769.14	5.5999	A	1.3
9	☐			62074.07	0.0107	P	2.9

$$y = 0.0011 * x + 4.0668\text{E-}005$$

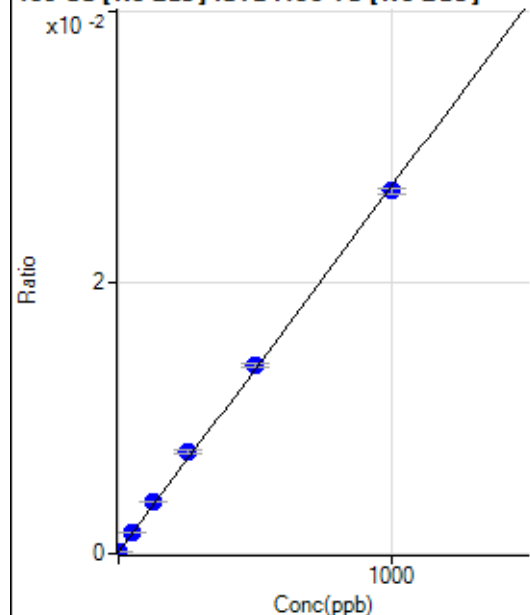
$$R = 1.0000$$

$$DL = 0.01203$$

$$BEC = 0.03627$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1269.56	0.0002	P	5.8
2	☐	0.100					
3	☐	1.000	1.005	1480.71	0.0002	P	5.7
4	☐	50.000	53.985	13610.24	0.0016	P	0.4
5	☐	125.000	136.021	33038.70	0.0038	P	1.9
6	☐	250.000	273.311	63525.52	0.0075	P	4.1
7	☐	500.000	510.829	121051.19	0.0139	P	1.5
8	☐	1000.000	987.181	230292.79	0.0268	P	1.6
9	☐			1236.22	0.0001	P	2.4

$$y = 2.6987\text{E-}005 * x + 1.5245\text{E-}004$$

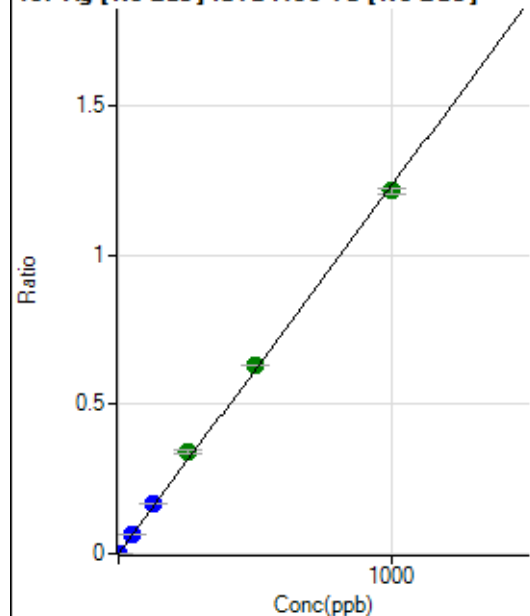
$$R = 0.9996$$

$$DL = 0.9898$$

$$BEC = 5.649$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	82.9
2	☐	0.100					
3	☐	1.000	1.145	11652.74	0.0014	P	3.6
4	☐	50.000	53.883	561128.51	0.0663	P	0.3
5	☐	125.000	134.072	1426643.76	0.1651	P	0.7
6	☐	250.000	276.850	2877232.12	0.3409	A	3.0
7	☐	500.000	511.334	5468113.19	0.6296	A	0.1
8	☐	1000.000	986.292	10437903.79	1.2144	A	1.7
9	☐			1408.48	0.0002	P	8.2

$$y = 0.0012 * x + 3.6534\text{E-}006$$

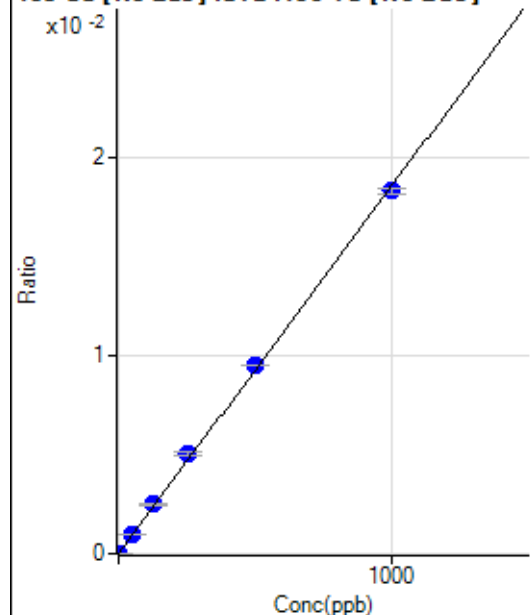
$$R = 0.9995$$

$$DL = 0.007381$$

$$BEC = 0.002967$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.17	0.0000	P	99.9
2	☐	0.100					
3	☐	1.000	1.154	180.56	0.0000	P	14.3
4	☐	50.000	52.916	8299.94	0.0010	P	2.2
5	☐	125.000	134.007	21470.17	0.0025	P	2.1
6	☐	250.000	271.356	42446.21	0.0050	P	4.3
7	☐	500.000	511.894	82412.65	0.0095	P	0.3
8	☐	1000.000	987.442	157320.20	0.0183	P	1.9
9	☐			45.83	0.0000	P	8.9

$$y = 1.8536E-005 * x + 4.9751E-007$$

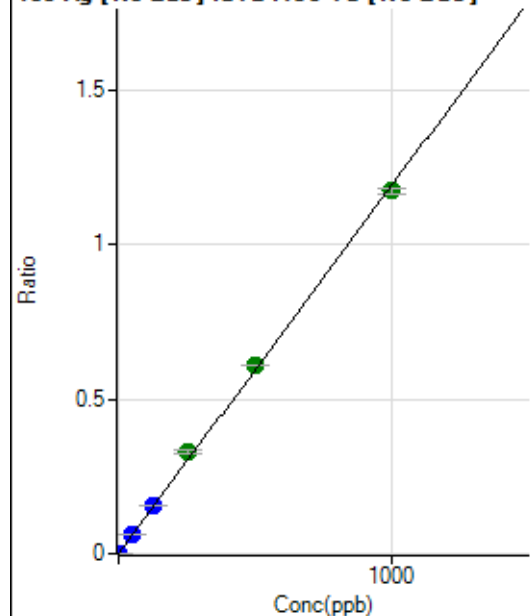
$$R = 0.9996$$

$$DL = 0.08041$$

$$BEC = 0.02684$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	45.3
2	☐	0.100					
3	☐	1.000	1.177	11569.35	0.0014	P	4.1
4	☐	50.000	53.255	535486.14	0.0633	P	0.1
5	☐	125.000	132.525	1361631.60	0.1576	P	0.8
6	☐	250.000	277.772	2786878.53	0.3302	A	3.9
7	☐	500.000	511.587	5282399.25	0.6082	A	0.3
8	☐	1000.000	986.160	10077139.03	1.1724	A	1.7
9	☐			1319.57	0.0002	P	19.5

$$y = 0.0012 * x + 3.3322E-006$$

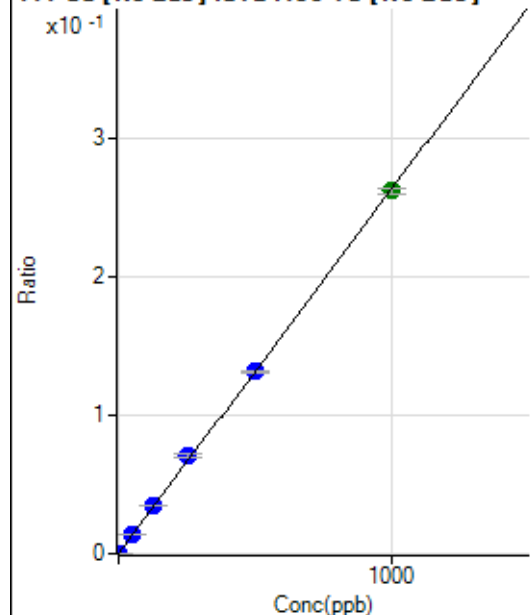
$$R = 0.9995$$

$$DL = 0.003813$$

$$BEC = 0.002803$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	898.28	0.0001	P	6.1
2	☐	0.100					
3	☐	1.000	1.119	3318.72	0.0004	P	1.8
4	☐	50.000	53.164	119267.80	0.0141	P	0.5
5	☐	125.000	131.983	301180.95	0.0349	P	0.6
6	☐	250.000	266.819	593581.62	0.0703	P	4.3
7	☐	500.000	498.450	1140522.50	0.1313	P	0.3
8	☐	1000.000	995.539	2253461.60	0.2622	A	1.4
9	☐			1249.96	0.0002	P	8.1

$$y = 2.6324\text{E-}004 * x + 1.0786\text{E-}004$$

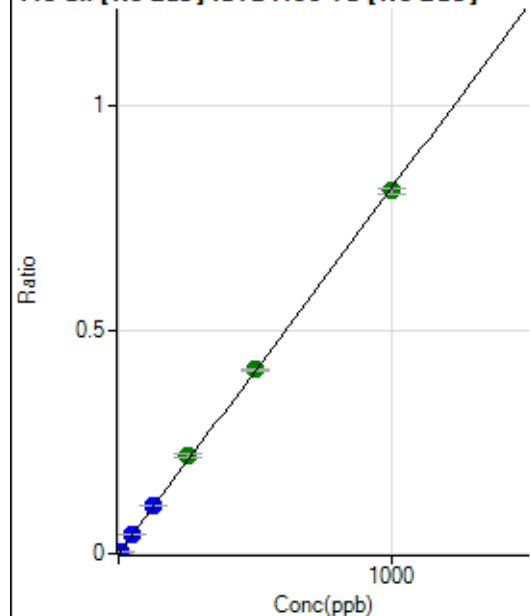
$$R = 0.9998$$

$$DL = 0.07459$$

$$BEC = 0.4097$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	966.74	0.0001	P	6.8
2	☐	0.500					
3	☐	5.000	5.484	37865.73	0.0046	P	2.9
4	☐	50.000	52.043	360253.12	0.0426	P	0.6
5	☐	125.000	130.813	923775.86	0.1069	P	0.2
6	☐	250.000	268.228	1848570.20	0.2191	A	3.9
7	☐	500.000	503.572	3570945.04	0.4112	A	0.6
8	☐	1000.000	992.826	6966550.59	0.8105	A	1.5
9	☐			17523.37	0.0021	P	0.4

$$y = 8.1626\text{E-}004 * x + 1.1601\text{E-}004$$

$$R = 0.9998$$

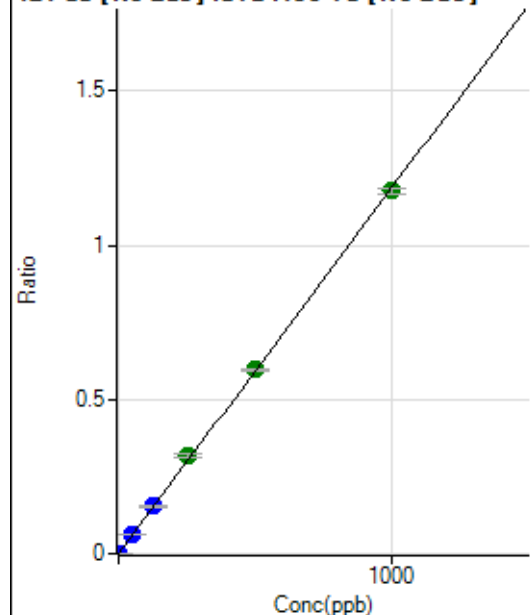
$$DL = 0.02909$$

$$BEC = 0.1421$$

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	166.68	0.0000	P	27.2
2	☐	0.200					
3	☐	2.000	2.180	21456.90	0.0026	P	1.2
4	☐	50.000	50.812	509162.41	0.0602	P	1.1
5	☐	125.000	128.890	1319543.56	0.1527	P	0.4
6	☐	250.000	269.113	2690431.70	0.3188	A	3.4
7	☐	500.000	504.170	5186762.14	0.5972	A	1.0
8	☐	1000.000	992.610	10105733.04	1.1758	A	1.7
9	☐			27988.61	0.0034	P	3.9

$$y = 0.0012 * x + 1.9983E-005$$

$$R = 0.9998$$

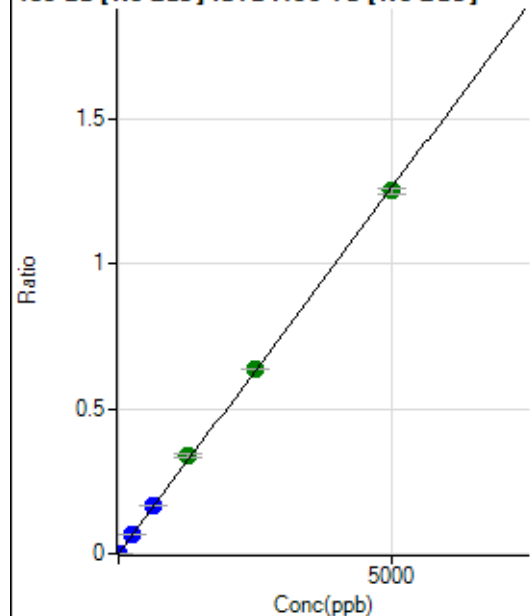
$$DL = 0.01379$$

$$BEC = 0.01687$$

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	22.22	0.0000	P	22.1
2	☐	1.000					
3	☐	10.000	10.788	22497.66	0.0027	P	1.4
4	☐	250.000	257.332	549791.71	0.0650	P	0.8
5	☐	625.000	647.174	1412913.30	0.1635	P	0.7
6	☐	1250.000	1346.257	2870622.46	0.3401	A	2.9
7	☐	2500.000	2524.235	5538240.36	0.6377	A	0.3
8	☐	5000.000	4960.679	10771245.21	1.2532	A	1.5
9	☐			2850.44	0.0003	P	5.2

$$y = 2.5262E-004 * x + 2.6702E-006$$

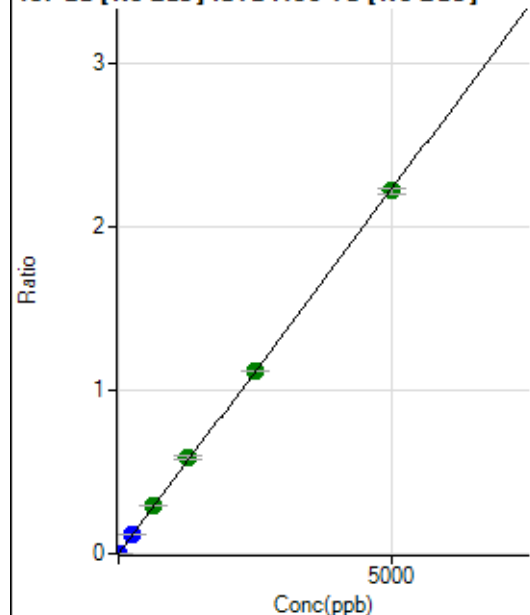
$$R = 0.9998$$

$$DL = 0.007015$$

$$BEC = 0.01057$$

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	38.89	0.0000	P	24.4
2	☐	1.000					
3	☐	10.000	10.840	39911.08	0.0048	P	0.8
4	☐	250.000	259.075	977299.11	0.1156	P	0.8
5	☐	625.000	655.585	2527131.80	0.2924	A	0.9
6	☐	1250.000	1328.438	5000729.06	0.5925	A	3.5
7	☐	2500.000	2499.582	9682937.37	1.1149	A	0.4
8	☐	5000.000	4976.321	19078131.50	2.2196	A	1.4
9	☐			5073.44	0.0006	P	1.4

$$y = 4.4604\text{E-}004 * x + 4.6663\text{E-}006$$

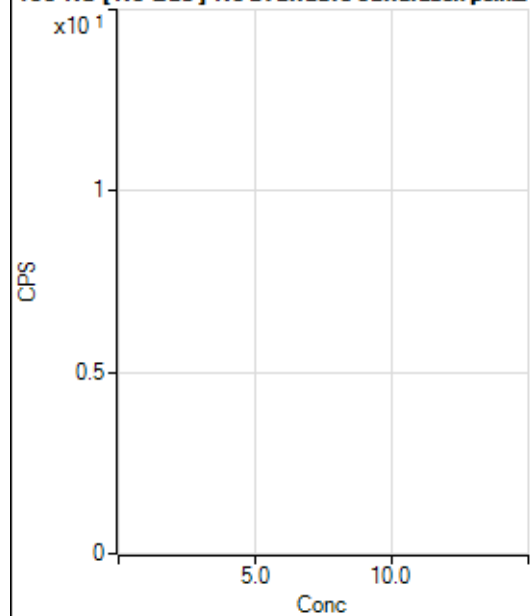
$$R = 0.9999$$

$$DL = 0.007663$$

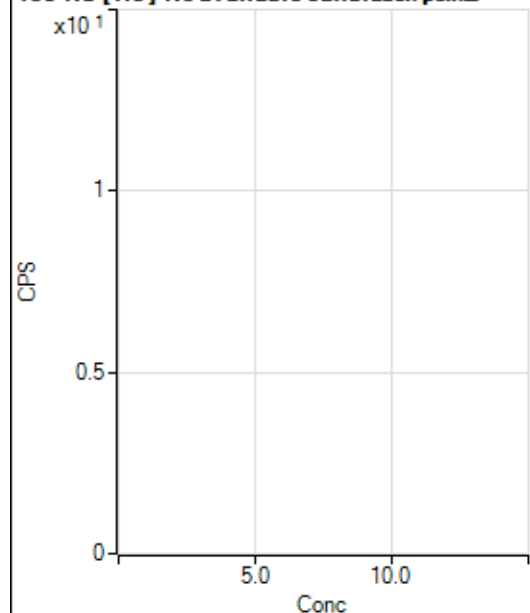
$$BEC = 0.01046$$

Weight: <None>

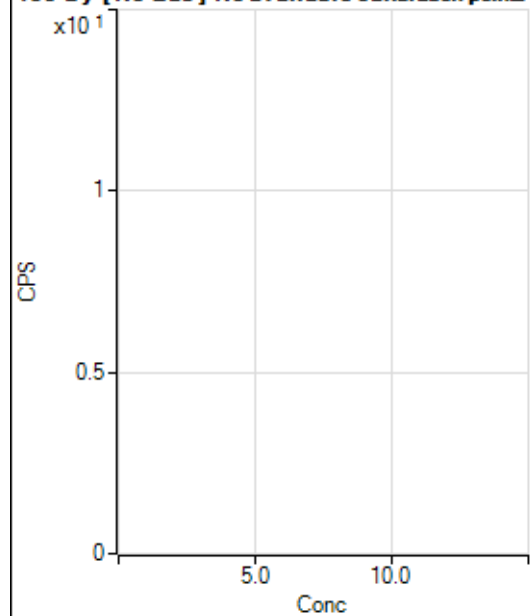
Min Conc: 0

150 Nd [No Gas] No available calibration points

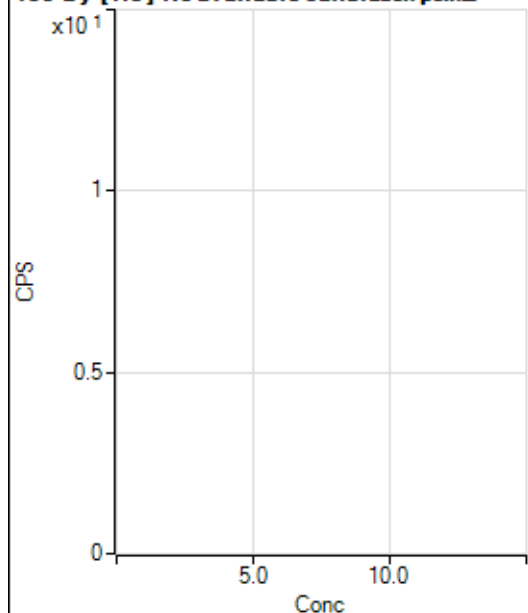
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			15.56		P	49.5
4	☐			31.11		P	68.9
5	☐			71.11		P	51.6
6	☐			168.90		P	4.6
7	☐			342.24		P	21.4
8	☐			560.04		P	11.4
9	☐			113.34		P	21.2

150 Nd [He] No available calibration points

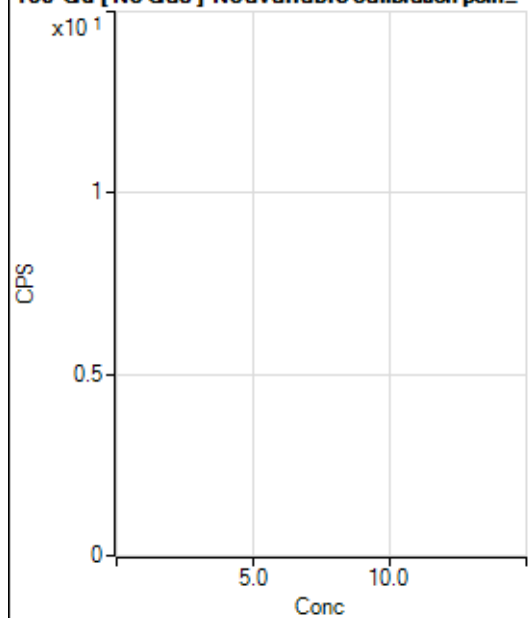
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			2.22		P	86.6
7	☐			7.78		P	24.7
8	☐			22.22		P	17.3
9	☐			13.33		P	50.0

156 Dy [No Gas] No available calibration points

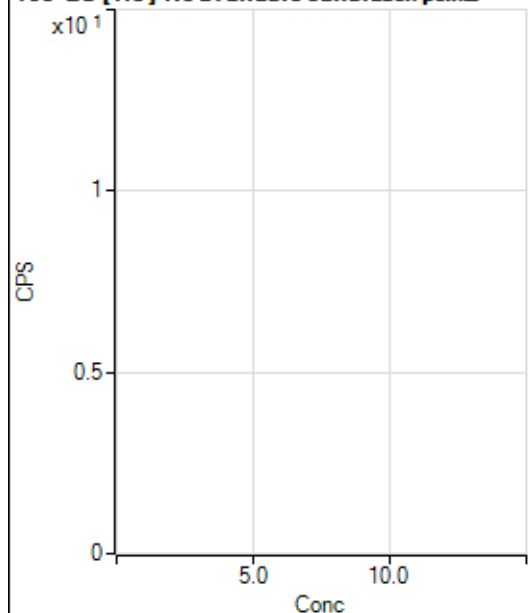
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	0.0
2	☐						
3	☐			8.33		P	0.0
4	☐			16.67		P	NaN
5	☐			33.33		P	25.0
6	☐			25.00		P	33.3
7	☐			75.01		P	29.4
8	☐			147.23		P	8.6
9	☐			122.23		P	34.3

156 Dy [He] No available calibration points

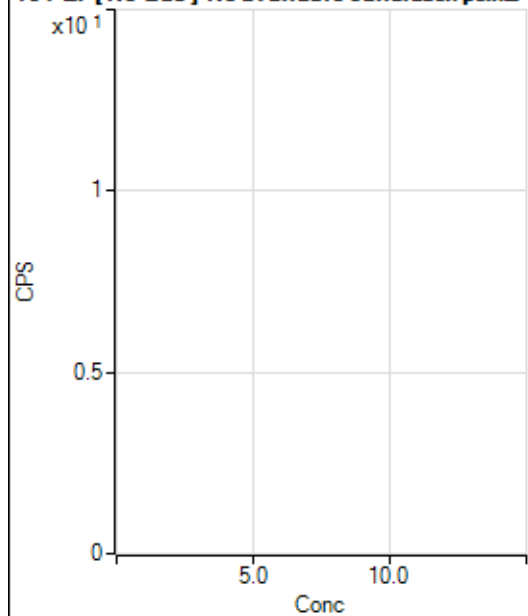
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			1.11		P	173.2
4	☐			3.33		P	100.1
5	☐			1.11		P	173.2
6	☐			8.89		P	21.6
7	☐			0.00		P	
8	☐			18.89		P	36.7
9	☐			10.00		P	57.8

160 Gd [No Gas] Noavailable calibration poin_

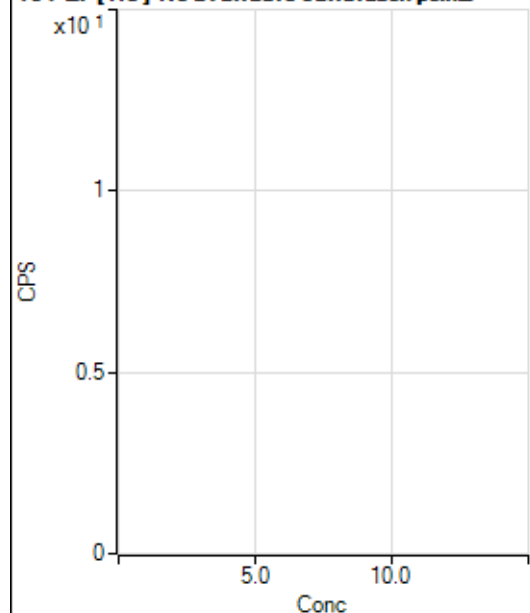
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	28.9
2	☐						
3	☐			44.45		P	47.2
4	☐			33.33		P	25.0
5	☐			55.56		P	62.4
6	☐			66.67		P	57.3
7	☐			66.67		P	21.7
8	☐			100.01		P	36.3
9	☐			136.12		P	30.8

160 Gd [He] No available calibration points

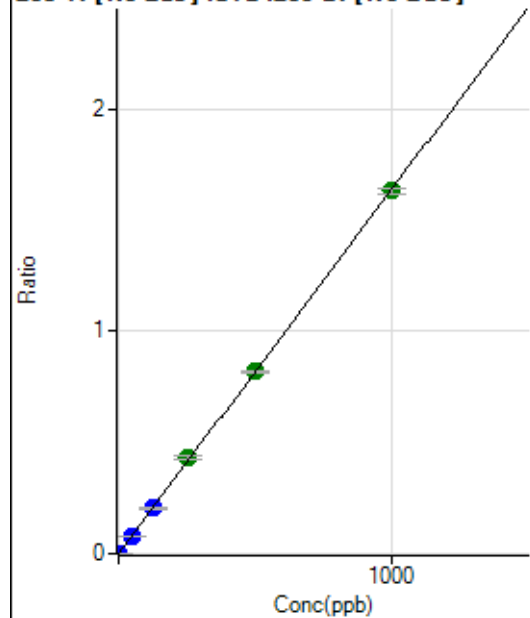
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			7.78		P	24.7
4	☐			8.89		P	43.3
5	☐			10.00		P	33.3
6	☐			11.11		P	75.5
7	☐			17.78		P	65.8
8	☐			16.67		P	52.9
9	☐			18.89		P	62.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	31.5
2	☐						
3	☐			47.22		P	66.8
4	☐			36.11		P	53.3
5	☐			36.11		P	35.3
6	☐			41.67		P	40.0
7	☐			38.89		P	24.7
8	☐			63.89		P	19.9
9	☐			55.56		P	60.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			11.11		P	62.5
4	☐			3.33		P	100.1
5	☐			5.55		P	69.3
6	☐			10.00		P	0.0
7	☐			7.78		P	65.5
8	☐			8.89		P	57.3
9	☐			11.11		P	45.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.56	0.0000	P	11.3
2	☐	0.100					
3	☐	1.000	1.060	9820.98	0.0018	P	4.0
4	☐	50.000	49.636	466950.15	0.0813	P	1.4
5	☐	125.000	125.085	1206030.76	0.2049	P	1.6
6	☐	250.000	263.125	2479732.87	0.4310	A	5.0
7	☐	500.000	500.208	4809890.95	0.8193	A	0.8
8	☐	1000.000	996.622	9493064.01	1.6324	A	1.4
9	☐			4709.43	0.0009	P	10.5

$$y = 0.0016 * x + 1.3879E-005$$

$$R = 0.9999$$

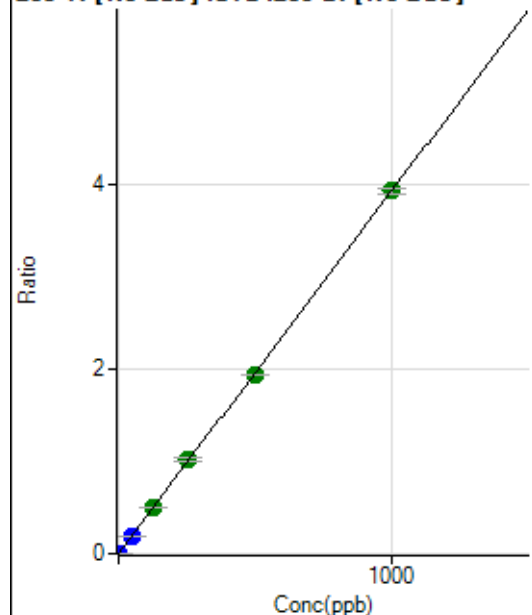
$$DL = 0.002866$$

$$BEC = 0.008473$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	18.4
2	☐	0.100					
3	☐	1.000	1.052	23355.90	0.0042	P	0.5
4	☐	50.000	49.629	1119056.86	0.1949	P	1.5
5	☐	125.000	128.382	2966961.13	0.5041	A	1.5
6	☐	250.000	259.103	5853675.21	1.0173	A	4.4
7	☐	500.000	492.723	11356605.11	1.9345	A	0.2
8	☐	1000.000	1000.959	22852640.61	3.9299	A	1.9
9	☐			11450.11	0.0022	P	5.7

$$y = 0.0039 * x + 2.9643E-005$$

$$R = 0.9999$$

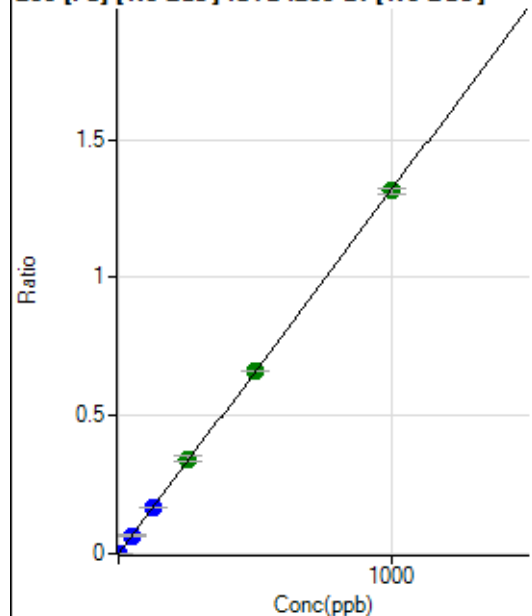
$$DL = 0.004177$$

$$BEC = 0.00755$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0000	P	19.4
2	☐	0.100					
3	☐	1.000	1.103	8349.24	0.0015	P	2.9
4	☐	50.000	50.012	378956.35	0.0660	P	1.5
5	☐	125.000	126.106	979150.83	0.1663	P	1.3
6	☐	250.000	261.166	1982039.95	0.3445	A	4.7
7	☐	500.000	500.988	3879072.11	0.6608	A	0.5
8	☐	1000.000	996.576	7643675.64	1.3144	A	1.4
9	☐			7713.70	0.0015	P	2.5

$$y = 0.0013 * x + 3.3462E-005$$

$$R = 0.9999$$

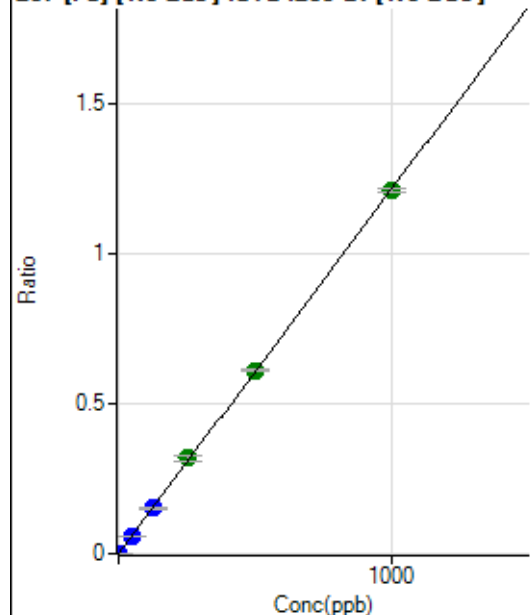
$$DL = 0.01473$$

$$BEC = 0.02537$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	175.93	0.0000	P	20.4
2	☐	0.100					
3	☐	1.000	1.073	7478.38	0.0013	P	3.4
4	☐	50.000	49.541	345449.76	0.0602	P	0.8
5	☐	125.000	124.186	887336.64	0.1507	P	0.9
6	☐	250.000	262.507	1832922.95	0.3186	A	5.5
7	☐	500.000	502.542	3580744.18	0.6099	A	0.6
8	☐	1000.000	995.727	7027958.49	1.2085	A	1.2
9	☐			6557.46	0.0012	P	4.1

$$y = 0.0012 * x + 3.0326E-005$$

$$R = 0.9999$$

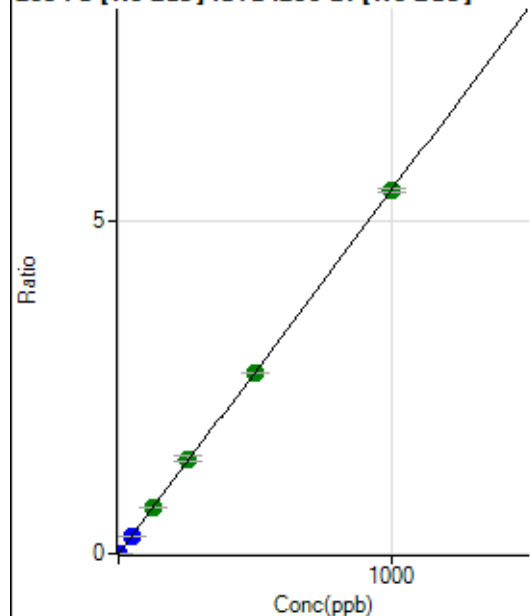
$$DL = 0.01527$$

$$BEC = 0.02499$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	763.00	0.0001	P	6.4
2	☐	0.100					
3	☐	1.000	1.085	33907.64	0.0060	P	1.8
4	☐	50.000	49.882	1561690.21	0.2719	P	0.7
5	☐	125.000	126.184	4048091.21	0.6877	A	1.2
6	☐	250.000	261.487	8199310.39	1.4250	A	4.7
7	☐	500.000	497.776	15924666.65	2.7126	A	0.3
8	☐	1000.000	998.098	31630478.26	5.4390	A	1.2
9	☐			30739.68	0.0058	P	2.7

$$y = 0.0054 * x + 1.3147E-004$$

$$R = 0.9999$$

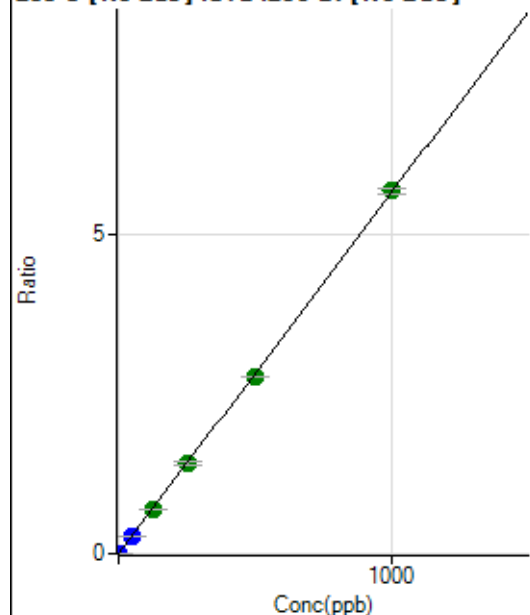
$$DL = 0.004665$$

$$BEC = 0.02413$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0000	P	31.0
2	☐	0.100					
3	☐	1.000	1.043	33281.39	0.0059	P	0.9
4	☐	50.000	47.973	1559443.70	0.2716	P	1.3
5	☐	125.000	123.489	4114516.76	0.6990	A	1.3
6	☐	250.000	250.310	8152289.77	1.4168	A	4.6
7	☐	500.000	490.359	16293705.92	2.7755	A	1.0
8	☐	1000.000	1005.033	33080703.17	5.6886	A	1.6
9	☐			6435.32	0.0012	P	0.7

$$y = 0.0057 * x + 2.5311E-005$$

$$R = 0.9999$$

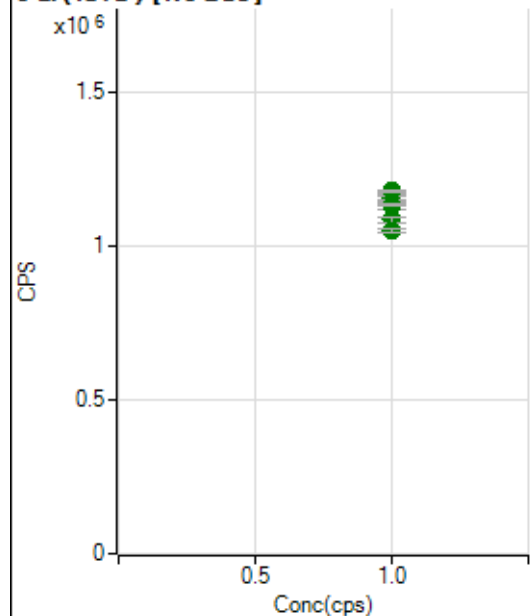
$$DL = 0.004156$$

$$BEC = 0.004472$$

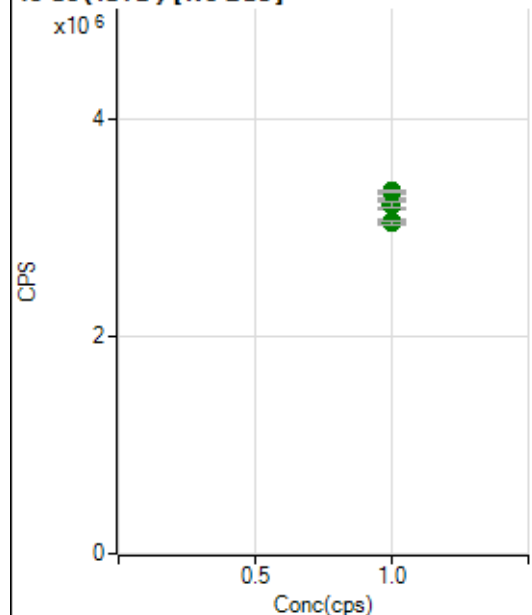
Weight: <None>

Min Conc: 0

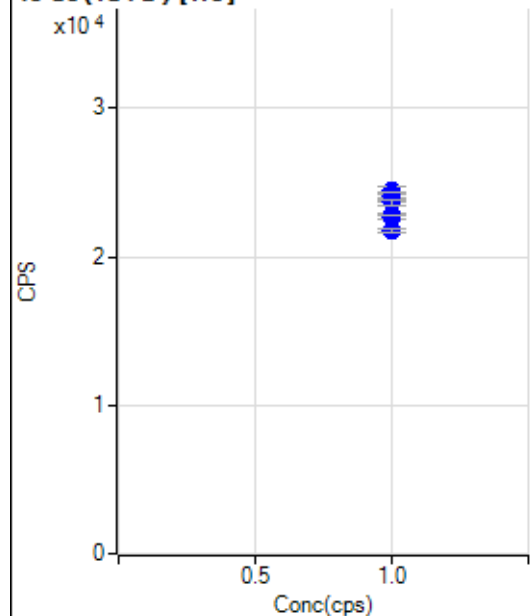
6 Li (ISTD) [No Gas]



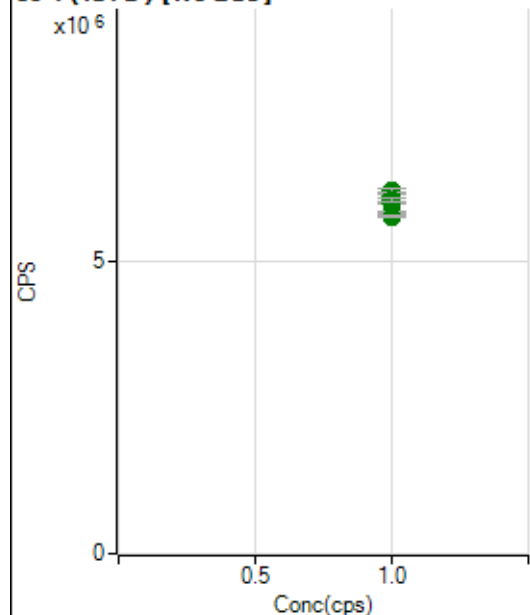
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1170926.18		A	0.3
2	☐	1.000					
3	☐	1.000		1136554.50		A	0.6
4	☐	1.000		1154800.20		A	0.9
5	☐	1.000		1178367.86		A	0.5
6	☐	1.000		1133379.15		A	2.8
7	☐	1.000		1133442.44		A	1.0
8	☐	1.000		1083681.49		A	1.4
9	☐	1.000		1051821.88		A	1.2

45 Sc (ISTD) [No Gas]

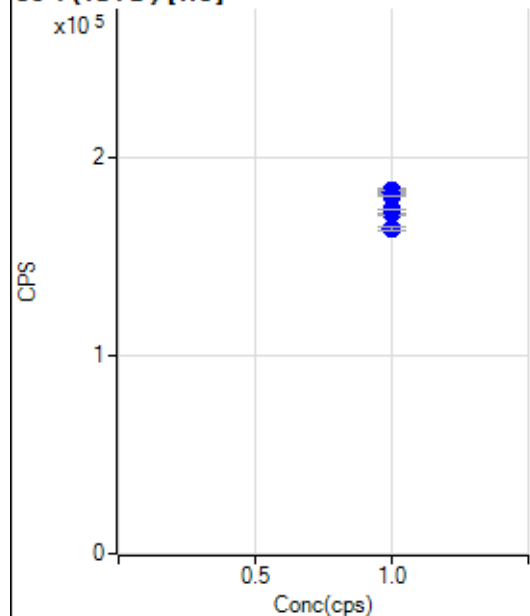
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3310218.20		A	2.2
2	☐	1.000					
3	☐	1.000		3267390.26		A	0.7
4	☐	1.000		3319627.18		A	1.1
5	☐	1.000		3338839.74		A	0.4
6	☐	1.000		3214072.62		A	3.1
7	☐	1.000		3209380.82		A	1.4
8	☐	1.000		3058465.48		A	1.0
9	☐	1.000		3043363.18		A	0.9

45 Sc (ISTD) [He]

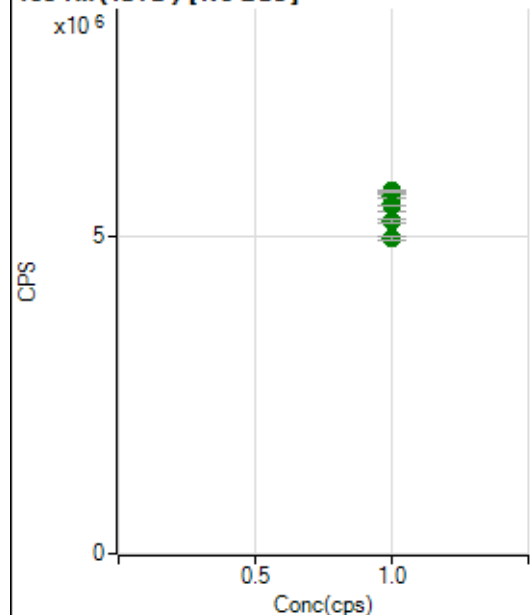
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		24448.16		P	2.1
2	☐	1.000					
3	☐	1.000		24211.08		P	1.6
4	☐	1.000		23999.56		P	2.2
5	☐	1.000		24161.03		P	1.9
6	☐	1.000		23658.97		P	1.5
7	☐	1.000		22705.25		P	1.5
8	☐	1.000		21801.57		P	1.0
9	☐	1.000		22813.11		P	0.2

89 Y (ISTD) [No Gas]

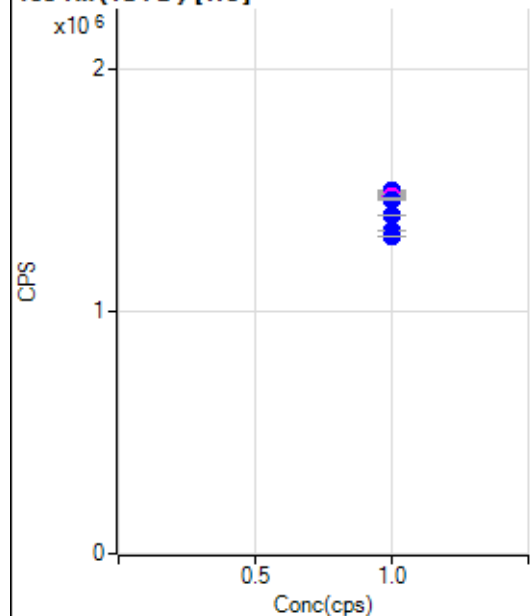
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6080822.97		A	1.1
2	☐	1.000					
3	☐	1.000		6011938.94		A	0.8
4	☐	1.000		6124968.38		A	1.1
5	☐	1.000		6222758.52		A	1.0
6	☐	1.000		5993840.60		A	3.7
7	☐	1.000		6063414.01		A	1.0
8	☐	1.000		5856828.45		A	0.7
9	☐	1.000		5781178.80		A	0.9

89 Y (ISTD) [He]

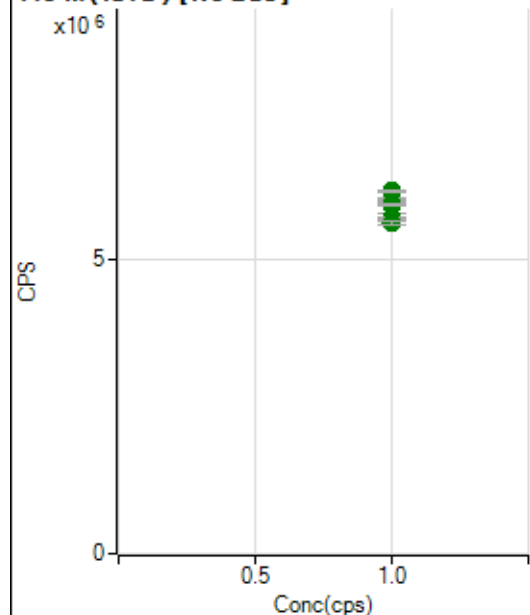
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		181802.17		P	1.0
2	☐	1.000					
3	☐	1.000		183333.90		P	0.9
4	☐	1.000		183019.53		P	0.8
5	☐	1.000		182390.33		P	1.1
6	☐	1.000		180558.63		P	0.3
7	☐	1.000		171855.45		P	0.6
8	☐	1.000		164105.60		P	0.8
9	☐	1.000		174060.51		P	0.4

103 Rh (ISTD) [No Gas]

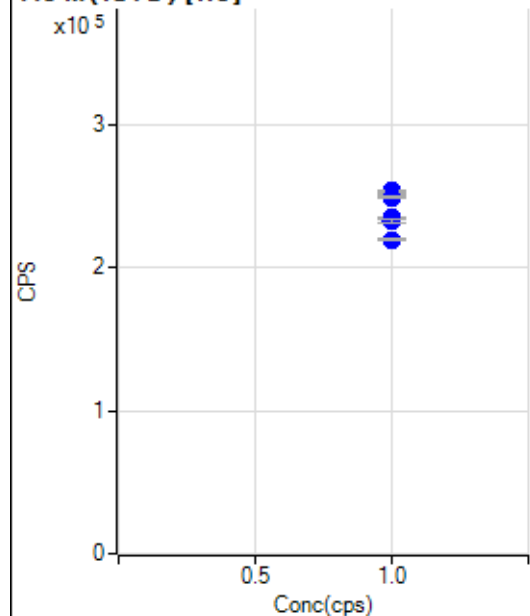
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5640478.42		A	1.0
2	☐	1.000					
3	☐	1.000		5635156.46		A	0.7
4	☐	1.000		5694013.45		A	1.1
5	☐	1.000		5720593.05		A	0.8
6	☐	1.000		5512235.67		A	4.0
7	☐	1.000		5493886.24		A	0.2
8	☐	1.000		5245159.67		A	0.6
9	☐	1.000		4962007.10		A	1.2

103 Rh (ISTD) [He]

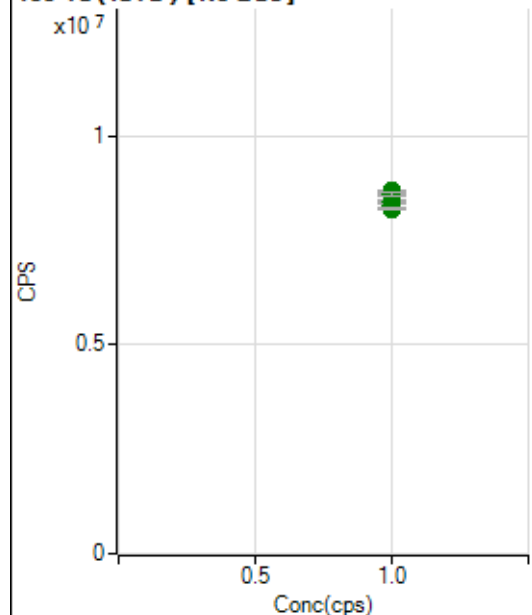
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1470096.35		M	0.5
2	☐	1.000					
3	☐	1.000		1498660.25		P	0.3
4	☐	1.000		1484193.03		P	1.0
5	☐	1.000		1478959.82		M	1.1
6	☐	1.000		1463653.81		P	0.5
7	☐	1.000		1397794.74		P	0.5
8	☐	1.000		1332554.17		P	0.3
9	☐	1.000		1309122.20		P	0.3

115 In (ISTD) [No Gas]

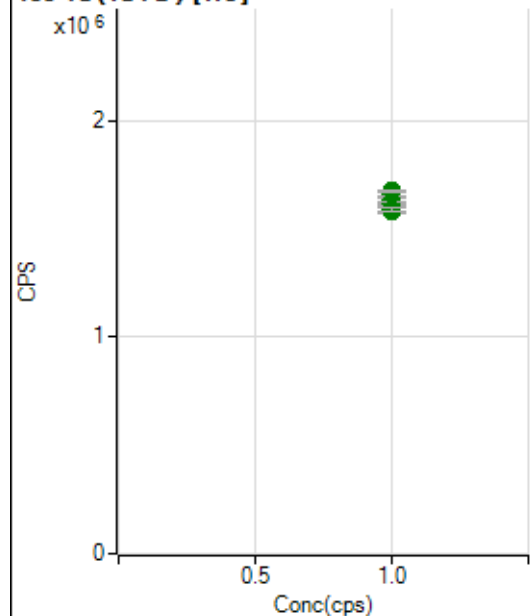
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6025208.78		A	0.8
2	☐	1.000					
3	☐	1.000		6001988.10		A	0.6
4	☐	1.000		6067584.29		A	0.2
5	☐	1.000		6180568.13		A	0.3
6	☐	1.000		5914580.81		A	3.8
7	☐	1.000		5953238.34		A	0.4
8	☐	1.000		5723386.08		A	0.8
9	☐	1.000		5633667.25		A	1.1

115 In (ISTD) [He]

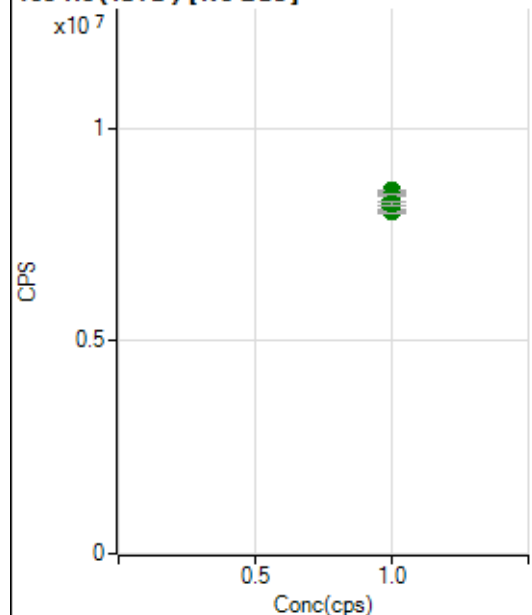
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		250923.14		P	1.3
2	☐	1.000					
3	☐	1.000		253556.92		P	0.3
4	☐	1.000		252540.52		P	0.9
5	☐	1.000		250390.04		P	1.7
6	☐	1.000		248967.97		P	0.7
7	☐	1.000		234964.80		P	0.5
8	☐	1.000		219645.04		P	0.4
9	☐	1.000		232476.66		P	0.8

159 Tb (ISTD) [No Gas]

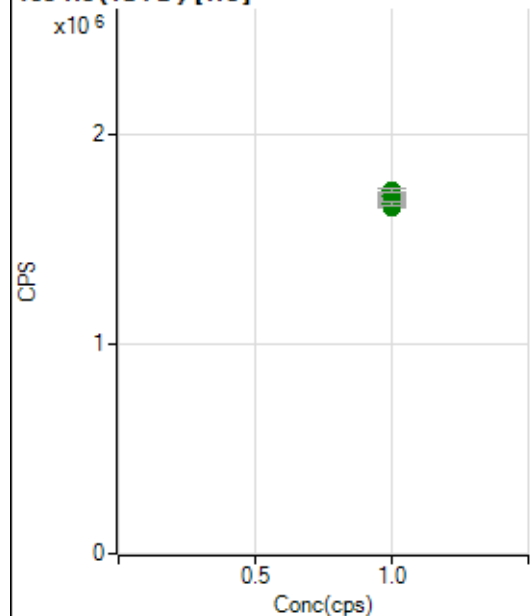
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8329689.18		A	0.9
2	☐	1.000					
3	☐	1.000		8246803.84		A	0.6
4	☐	1.000		8457116.06		A	0.4
5	☐	1.000		8641990.77		A	0.4
6	☐	1.000		8445878.42		A	3.3
7	☐	1.000		8684985.77		A	0.1
8	☐	1.000		8596030.08		A	1.1
9	☐	1.000		8274128.70		A	0.8

159 Tb (ISTD) [He]

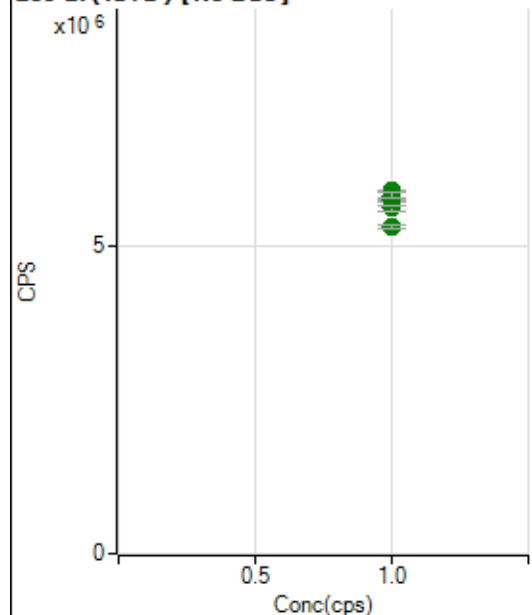
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1608073.26		A	1.2
2	☐	1.000					
3	☐	1.000		1618070.74		A	0.5
4	☐	1.000		1629811.11		A	1.1
5	☐	1.000		1662164.63		A	1.4
6	☐	1.000		1674766.47		A	0.8
7	☐	1.000		1616661.57		A	0.8
8	☐	1.000		1577696.23		A	0.5
9	☐	1.000		1588094.58		A	0.7

165 Ho (ISTD) [No Gas]

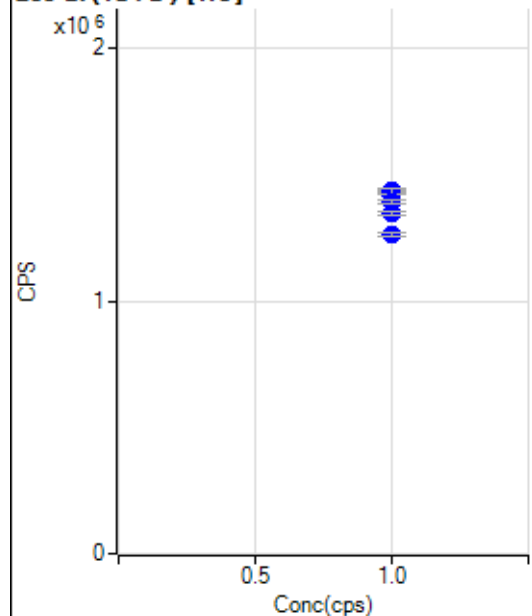
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8127072.67		A	1.2
2	☐	1.000					
3	☐	1.000		8026048.01		A	0.4
4	☐	1.000		8275968.94		A	0.4
5	☐	1.000		8476314.25		A	0.7
6	☐	1.000		8324867.46		A	3.5
7	☐	1.000		8525085.17		A	0.3
8	☐	1.000		8407594.37		A	0.5
9	☐	1.000		8219926.92		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1668505.58		A	1.6
2	☐	1.000					
3	☐	1.000		1683250.48		A	0.2
4	☐	1.000		1693287.41		A	1.3
5	☐	1.000		1705343.36		A	0.7
6	☐	1.000		1730438.83		A	1.0
7	☐	1.000		1681120.51		A	1.1
8	☐	1.000		1652727.61		A	0.7
9	☐	1.000		1671505.62		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5801965.40		A	1.7
2	☐	1.000					
3	☐	1.000		5613046.58		A	1.7
4	☐	1.000		5742776.23		A	0.6
5	☐	1.000		5886415.26		A	0.6
6	☐	1.000		5761035.61		A	4.0
7	☐	1.000		5870618.52		A	0.3
8	☐	1.000		5815959.43		A	1.2
9	☐	1.000		5299031.93		A	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1413324.77		P	1.1
2	☐	1.000					
3	☐	1.000		1425328.94		P	0.6
4	☐	1.000		1431425.59		P	1.2
5	☐	1.000		1433559.27		P	1.7
6	☐	1.000		1437368.56		P	1.4
7	☐	1.000		1394917.06		P	0.7
8	☐	1.000		1349164.21		P	0.7
9	☐	1.000		1262612.37		P	1.3

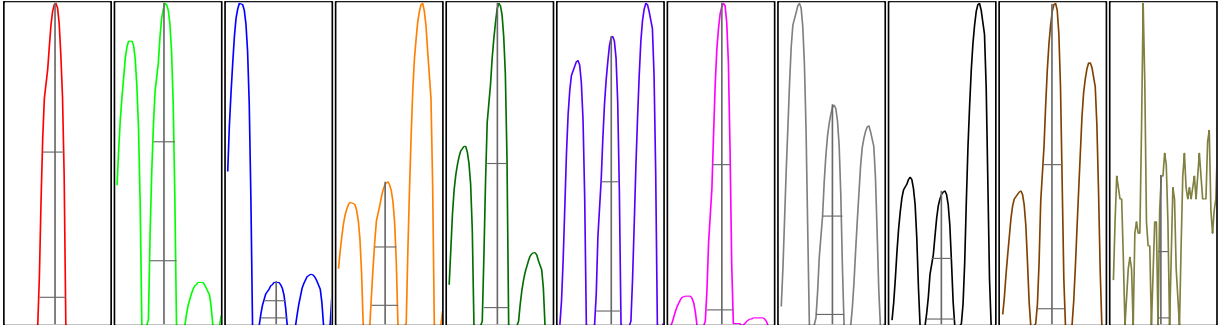
US EPA Tune Check Sample Report

Batch Folder D:\P8101218-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6336	1.10	5.00	
24	55277	0.89	5.00	
25	7698	1.01	5.00	
26	9254	1.10	5.00	
59	64039	0.90	5.00	
113	9830	1.01	5.00	
115	118881	1.32	5.00	
206	33823	0.92	5.00	
207	30686	0.64	5.00	
208	72693	0.95	5.00	
220	0	20.33		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6357	6396	6366	6216	6343
24	55469	55314	55560	54422	55619
25	7708	7725	7692	7575	7788
26	9329	9238	9326	9085	9293
59	64482	64140	64149	63038	64384
113	9909	9861	9817	9665	9898
115	120881	118048	118404	117002	120069
206	33788	33851	34022	33322	34131
207	30623	30660	30749	30432	30968
208	72829	72524	72838	71675	73598
220	0	0	0	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11107	8.95	8.9 - 9.1		0.762	0.900	
24	96048	23.90	23.9 - 24.1		0.740	0.900	
25	13043	24.95	24.9 - 25.1		0.743	0.900	
26	15239	25.90	25.9 - 26.1		0.750	0.900	
59	115891	58.95	58.9 - 59.1		0.734	0.900	
113	18962	113.05	112.9 - 113.1		0.723	0.900	
115	227829	115.05	114.9 - 115.1		0.770	0.900	
206	62491	206.05	205.9 - 206.1		0.784	0.900	
207	56345	207.00	206.9 - 207.1		0.808	0.900	
208	135481	208.00	207.9 - 208.1		0.793	0.900	
220	1	219.95	-		0.343		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.2	V	Deflect	14.6	V
Extract 2	-225.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7811	1.49	
89	2230	1.69	
205	14422	1.67	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7870	7855	7871	7855	7603
89	2267	2218	2260	2235	2173
205	14586	14507	14531	14489	13997

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.2	V	Deflect	2.0	V
Extract 2	-225.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 12:10:39 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.39	0.37	0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.02	-0.02	0.00	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	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.02	-0.04	0.02	0.00	N/A	ppb
Boron	11-1	-0.01	-0.04	0.05	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.03	0.02	0.00	N/A	ppb
Cadmium	106-1	0.19	-0.38	0.19	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.03	0.00	0.00	N/A	ppb
Calcium	43-1	1.21	-3.24	2.03	0.00	N/A	ppb
Calcium	44-1	0.87	0.50	-1.37	0.00	N/A	ppb
Chromium	52-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.04	0.00	-0.04	0.00	N/A	ppb
Iron	57-2	0.69	-1.50	0.81	0.00	N/A	ppb
Krypton	83-1	828.86	-2838.51	2009.65	0.00	N/A	ppb
Lead	206-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.04	1.04	0.00	0.00	N/A	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:10:39	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	0.06	-0.03	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.02	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.03	0.01	0.00	N/A	ppb
Phosphorus	31-2	-7.13	-7.13	-7.13	-7.13		ppb
Potassium	39-2	-7.61	1.19	6.42	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-1.56	-1.56	3.12	0.00	N/A	ppb
Selenium	78-2	-0.01	0.00	0.00	0.00	N/A	ppb
Selenium	82-1	-0.15	0.44	-0.29	0.00	N/A	ppb
Silicon	28-1	0.86	-0.24	-0.62	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	-1.32	1.48	-0.16	0.00	N/A	ppb
Strontium	86-1	0.02	-0.02	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	269.15	-220.63	-389.24	-113.57		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	-0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.09	0.02	0.07	0.00	N/A	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:10:39	DataFile Name :	003CALB.d

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

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:17:25	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.77	20.58	19.00	19.45	5.08	ppb
Antimony	121-1	2.18	2.15	2.21	2.18	1.20	ppb
Arsenic	75-1	1.00	1.15	1.06	1.07	6.99	ppb
Barium	135-1	10.96	10.74	10.67	10.79	1.41	ppb
Barium	137-1	10.78	10.93	10.81	10.84	0.76	ppb
Beryllium	9-1	1.16	1.12	1.08	1.12	3.50	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	28.29	26.24	25.11	26.55	6.08	ppb
Boron	11-1	27.01	27.47	26.77	27.08	1.31	ppb
Cadmium	111-1	1.13	1.14	1.09	1.12	2.42	ppb
Cadmium	106-1	0.98	1.40	0.64	1.01	37.71	ppb
Cadmium	108-1	1.27	0.96	1.23	1.15	14.68	ppb
Calcium	43-1	536.83	523.78	520.81	527.14	1.62	ppb
Calcium	44-1	509.22	520.14	518.58	515.98	1.15	ppb
Chromium	52-2	2.45	2.53	2.47	2.48	1.61	ppb
Cobalt	59-2	1.06	1.10	1.18	1.12	5.44	ppb
Copper	63-2	2.30	2.15	2.12	2.19	4.41	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				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	55.12	53.47	55.01	54.53	1.69	ppb
Iron	57-2	39.30	51.95	50.98	47.41	14.84	ppb
Krypton	83-1	3177.49	3932.06	2283.58	3131.04	26.36	ppb
Lead	206-1	1.09	1.14	1.08	1.10	2.96	ppb
Lead	207-1	1.03	1.10	1.08	1.07	3.46	ppb
Lead	208-1	1.07	1.11	1.08	1.08	1.85	ppb
Lithium	6-1				97		%
Magnesium	24-2	555.29	517.40	498.56	523.75	5.52	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:17:25	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.15	1.30	0.80	1.08	23.59	ppb
Molybdenum	94-1	5.16	5.51	5.37	5.35	3.36	ppb
Molybdenum	95-1	5.05	5.35	5.23	5.21	2.85	ppb
Molybdenum	96-1	5.26	5.38	5.24	5.29	1.50	ppb
Molybdenum	97-1	5.14	5.23	5.20	5.19	0.90	ppb
Molybdenum	98-1	5.41	5.40	5.28	5.36	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.23	1.15	1.15	6.93	ppb
Phosphorus	31-2	14.13	-7.13	14.38	7.13	173.21	ppb
Potassium	39-2	510.49	542.83	552.33	535.22	4.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	7.67	7.61	3.10	6.12	42.79	ppb
Selenium	78-2	3.05	1.51	3.09	2.55	35.40	ppb
Selenium	82-1	5.09	5.53	5.37	5.33	4.18	ppb
Silicon	28-1	17.44	17.83	17.88	17.72	1.35	ppb
Silver	109-1	1.13	1.23	1.17	1.18	4.08	ppb
Silver	107-1	1.14	1.19	1.10	1.14	3.60	ppb
Sodium	23-2	542.84	524.01	538.86	535.24	1.85	ppb
Strontium	86-1	1.07	1.23	1.18	1.16	7.07	ppb
Strontium	88-1	1.10	1.11	1.09	1.10	0.83	ppb
Sulfur	34-1	3.92	150.42	186.38	113.57	85.10	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	1.01	1.09	1.07	1.06	3.99	ppb
Thallium	205-1	1.05	1.05	1.06	1.05	0.47	ppb
Tin	118-1	5.34	5.66	5.45	5.48	2.94	ppb
Titanium	47-1	5.23	5.48	5.52	5.41	2.92	ppb
Uranium	238-1	1.03	1.04	1.05	1.04	0.86	ppb
Vanadium	51-2	5.39	5.32	5.35	5.35	0.63	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	2.18	2.35	2.24	2.26	3.79	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:17:25	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.93	1.01	0.97	0.97	4.01	ppb
Zirconium	91-1	0.93	0.90	0.88	0.90	2.91	ppb

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 12:21:42 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	996.54	1018.75	961.44	992.24	2.91	ppb
Antimony	121-1	50.20	51.24	50.99	50.81	1.07	ppb
Arsenic	75-1	49.23	50.14	49.36	49.58	0.99	ppb
Barium	135-1	255.11	257.80	259.08	257.33	0.79	ppb
Barium	137-1	256.81	260.04	260.38	259.08	0.76	ppb
Beryllium	9-1	51.72	51.74	51.97	51.81	0.26	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	49.39	46.75	52.26	49.47	5.57	ppb
Boron	11-1	49.17	51.90	52.56	51.21	3.51	ppb
Cadmium	111-1	52.96	53.45	53.07	53.16	0.48	ppb
Cadmium	106-1	54.23	53.85	53.87	53.98	0.40	ppb
Cadmium	108-1	54.28	52.18	52.29	52.92	2.23	ppb
Calcium	43-1	4894.70	4993.95	5049.02	4979.22	1.57	ppb
Calcium	44-1	5020.92	5114.67	5010.11	5048.57	1.14	ppb
Chromium	52-2	52.09	52.37	51.99	52.15	0.38	ppb
Cobalt	59-2	53.28	51.91	50.81	52.00	2.38	ppb
Copper	63-2	106.18	104.97	101.61	104.25	2.27	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				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2655.37	2633.08	2544.11	2610.86	2.25	ppb
Iron	57-2	2575.24	2534.31	2480.33	2529.96	1.88	ppb
Krypton	83-1	-909.50	-954.60	-873.16	-912.42		ppb
Lead	206-1	49.22	50.12	50.69	50.01	1.48	ppb
Lead	207-1	49.24	49.40	49.98	49.54	0.79	ppb
Lead	208-1	49.51	49.92	50.21	49.88	0.70	ppb
Lithium	6-1				99		%
Magnesium	24-2	5273.62	5152.00	5031.24	5152.29	2.35	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:21:42	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	107.19	103.09	98.54	102.94	4.20	ppb
Molybdenum	94-1	248.99	249.95	252.78	250.57	0.79	ppb
Molybdenum	95-1	250.34	250.66	252.95	251.32	0.57	ppb
Molybdenum	96-1	246.77	250.54	252.67	250.00	1.20	ppb
Molybdenum	97-1	249.26	247.69	251.69	249.55	0.81	ppb
Molybdenum	98-1	253.48	250.07	252.32	251.96	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.78	53.01	52.31	53.37	2.39	ppb
Phosphorus	31-2	1041.10	873.47	891.61	935.39	9.84	ppb
Potassium	39-2	2598.13	2567.85	2466.30	2544.09	2.71	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	35.78	39.99	58.12	44.63	26.60	ppb
Selenium	78-2	49.53	48.21	47.19	48.31	2.43	ppb
Selenium	82-1	50.70	51.84	52.60	51.72	1.85	ppb
Silicon	28-1	51.78	55.14	53.87	53.59	3.17	ppb
Silver	109-1	53.25	53.32	53.19	53.26	0.12	ppb
Silver	107-1	54.05	53.79	53.81	53.88	0.27	ppb
Sodium	23-2	5176.28	5131.42	4964.56	5090.75	2.19	ppb
Strontium	86-1	49.76	50.58	51.76	50.70	1.98	ppb
Strontium	88-1	50.57	51.28	51.12	50.99	0.73	ppb
Sulfur	34-1	805.86	1149.57	937.64	964.36	17.98	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	48.85	49.98	50.08	49.64	1.37	ppb
Thallium	205-1	48.95	49.50	50.44	49.63	1.52	ppb
Tin	118-1	52.29	51.72	52.12	52.04	0.57	ppb
Titanium	47-1	247.04	253.26	253.10	251.14	1.41	ppb
Uranium	238-1	47.29	48.54	48.08	47.97	1.32	ppb
Vanadium	51-2	52.79	52.85	51.03	52.23	1.99	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	105.79	105.81	104.31	105.30	0.82	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:21:42	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	48.69	49.29	49.76	49.25	1.08	ppb
Zirconium	91-1	47.99	48.78	50.04	48.94	2.11	ppb

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 12:25:27 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2529.95	2452.97	2410.77	2464.56	2.45	ppb
Antimony	121-1	129.33	128.33	129.01	128.89	0.39	ppb
Arsenic	75-1	127.36	124.62	125.31	125.76	1.13	ppb
Barium	135-1	651.78	642.69	647.05	647.17	0.70	ppb
Barium	137-1	661.94	654.33	650.49	655.59	0.89	ppb
Beryllium	9-1	130.06	127.58	127.06	128.23	1.25	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	119.14	123.69	123.56	122.13	2.12	ppb
Boron	11-1	124.88	124.74	128.02	125.88	1.47	ppb
Cadmium	111-1	131.81	131.31	132.83	131.98	0.59	ppb
Cadmium	106-1	134.89	134.03	139.15	136.02	2.02	ppb
Cadmium	108-1	133.82	131.28	136.93	134.01	2.11	ppb
Calcium	43-1	12725.71	12387.73	12521.89	12545.11	1.36	ppb
Calcium	44-1	12611.96	12496.49	12459.10	12522.52	0.64	ppb
Chromium	52-2	133.34	129.14	129.23	130.57	1.84	ppb
Cobalt	59-2	133.07	128.26	128.13	129.82	2.17	ppb
Copper	63-2	266.80	258.14	255.75	260.23	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				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	6687.48	6374.64	6384.26	6482.13	2.74	ppb
Iron	57-2	6484.66	6289.48	6236.08	6336.74	2.07	ppb
Krypton	83-1	-45.09	-3124.35	-1591.97	-1587.14		ppb
Lead	206-1	127.99	125.27	125.06	126.11	1.30	ppb
Lead	207-1	125.46	123.88	123.21	124.19	0.93	ppb
Lead	208-1	127.93	125.32	125.30	126.18	1.20	ppb
Lithium	6-1				101		%
Magnesium	24-2	13335.36	12757.26	12748.72	12947.12	2.60	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:25:27	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	268.69	259.13	259.05	262.29	2.11	ppb
Molybdenum	94-1	641.21	644.02	639.78	641.67	0.34	ppb
Molybdenum	95-1	644.60	650.63	632.77	642.67	1.41	ppb
Molybdenum	96-1	646.46	647.79	627.56	640.60	1.77	ppb
Molybdenum	97-1	639.41	642.78	627.15	636.44	1.29	ppb
Molybdenum	98-1	634.65	630.90	630.58	632.04	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.21	129.46	132.49	132.72	2.55	ppb
Phosphorus	31-2	2838.00	2439.67	2824.11	2700.59	8.37	ppb
Potassium	39-2	6440.64	6203.75	6256.98	6300.46	1.97	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	78.18	131.52	114.56	108.09	25.21	ppb
Selenium	78-2	153.20	139.98	121.66	138.28	11.46	ppb
Selenium	82-1	128.47	129.41	128.00	128.63	0.56	ppb
Silicon	28-1	138.51	136.00	137.36	137.29	0.92	ppb
Silver	109-1	133.23	131.31	133.04	132.52	0.80	ppb
Silver	107-1	133.23	133.87	135.12	134.07	0.72	ppb
Sodium	23-2	13075.02	12657.28	12594.91	12775.74	2.04	ppb
Strontium	86-1	125.65	127.23	123.42	125.43	1.52	ppb
Strontium	88-1	128.15	130.58	126.10	128.28	1.75	ppb
Sulfur	34-1	2771.64	2542.12	2487.30	2600.35	5.80	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	127.32	123.78	124.16	125.09	1.56	ppb
Thallium	205-1	130.52	127.87	126.75	128.38	1.51	ppb
Tin	118-1	130.88	130.47	131.08	130.81	0.24	ppb
Titanium	47-1	643.72	629.14	633.78	635.54	1.17	ppb
Uranium	238-1	123.85	121.72	124.89	123.49	1.31	ppb
Vanadium	51-2	133.92	128.43	127.00	129.78	2.81	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	269.88	264.85	260.90	265.21	1.70	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:25:27	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	129.13	128.26	126.00	127.80	1.26	ppb
Zirconium	91-1	126.11	125.16	123.19	124.82	1.19	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:29:04	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5004.15	4960.46	4941.63	4968.75	0.65	ppb
Antimony	121-1	265.32	262.57	279.45	269.11	3.36	ppb
Arsenic	75-1	251.88	251.83	266.02	256.58	3.19	ppb
Barium	135-1	1333.26	1315.55	1389.96	1346.26	2.89	ppb
Barium	137-1	1296.33	1306.89	1382.10	1328.44	3.52	ppb
Beryllium	9-1	255.39	260.51	268.74	261.55	2.57	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	238.42	250.10	271.82	253.44	6.69	ppb
Boron	11-1	245.48	254.52	264.74	254.91	3.78	ppb
Cadmium	111-1	261.42	259.15	279.88	266.82	4.26	ppb
Cadmium	106-1	267.99	265.59	286.35	273.31	4.16	ppb
Cadmium	108-1	265.18	263.96	284.93	271.36	4.34	ppb
Calcium	43-1	25134.23	25406.94	26808.86	25783.34	3.48	ppb
Calcium	44-1	24976.69	24937.43	26640.13	25518.08	3.81	ppb
Chromium	52-2	262.17	255.11	258.00	258.43	1.37	ppb
Cobalt	59-2	260.44	252.02	253.81	255.42	1.74	ppb
Copper	63-2	523.64	507.37	511.03	514.01	1.66	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				102		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	13024.30	12607.97	12743.55	12791.94	1.66	ppb
Iron	57-2	12766.45	12416.17	12594.84	12592.49	1.39	ppb
Krypton	83-1	-484.50	3439.97	1979.50	1644.99	120.58	ppb
Lead	206-1	256.23	252.17	275.11	261.17	4.69	ppb
Lead	207-1	257.44	251.37	278.71	262.51	5.47	ppb
Lead	208-1	256.21	252.75	275.50	261.49	4.69	ppb
Lithium	6-1				97		%
Magnesium	24-2	26117.39	25245.76	25307.08	25556.74	1.90	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:29:04	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	528.61	508.50	516.88	517.99	1.95	ppb
Molybdenum	94-1	1278.30	1280.63	1363.23	1307.39	3.70	ppb
Molybdenum	95-1	1276.77	1279.49	1372.83	1309.70	4.18	ppb
Molybdenum	96-1	1259.60	1276.64	1344.93	1293.72	3.49	ppb
Molybdenum	97-1	1275.97	1278.47	1357.01	1303.82	3.53	ppb
Molybdenum	98-1	1268.82	1261.51	1349.77	1293.37	3.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.76	256.47	259.10	260.45	1.84	ppb
Phosphorus	31-2	5338.07	4944.32	4834.06	5038.82	5.26	ppb
Potassium	39-2	12667.57	12297.69	12425.34	12463.53	1.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	237.99	288.27	251.79	259.35	10.02	ppb
Selenium	78-2	264.79	263.52	259.04	262.45	1.15	ppb
Selenium	82-1	260.56	255.66	273.26	263.16	3.45	ppb
Silicon	28-1	273.62	276.41	286.17	278.73	2.36	ppb
Silver	109-1	271.17	272.03	290.12	277.77	3.85	ppb
Silver	107-1	273.13	271.16	286.27	276.85	2.97	ppb
Sodium	23-2	26255.53	25118.25	25535.33	25636.37	2.24	ppb
Strontium	86-1	253.17	250.84	269.29	257.77	3.90	ppb
Strontium	88-1	253.45	254.26	271.06	259.59	3.83	ppb
Sulfur	34-1	5206.78	5198.00	5983.53	5462.77	8.26	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	259.89	251.76	277.72	263.13	5.05	ppb
Thallium	205-1	254.32	250.84	272.15	259.10	4.41	ppb
Tin	118-1	263.82	260.55	280.31	268.23	3.95	ppb
Titanium	47-1	1274.03	1292.64	1363.26	1309.97	3.59	ppb
Uranium	238-1	245.19	242.34	263.39	250.31	4.56	ppb
Vanadium	51-2	262.98	255.81	256.30	258.36	1.55	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	532.38	508.93	513.46	518.25	2.40	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:29:04	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	257.57	256.64	272.98	262.39	3.50	ppb
Zirconium	91-1	253.43	253.45	268.17	258.35	3.29	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:32:35	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9473.20	9492.56	9647.51	9537.76	1.00	ppb
Antimony	121-1	498.79	508.35	505.37	504.17	0.97	ppb
Arsenic	75-1	484.71	495.26	497.29	492.42	1.37	ppb
Barium	135-1	2527.65	2530.72	2514.34	2524.23	0.34	ppb
Barium	137-1	2507.19	2503.91	2487.65	2499.58	0.42	ppb
Beryllium	9-1	496.81	495.46	500.87	497.71	0.57	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	492.01	493.77	508.54	498.11	1.82	ppb
Boron	11-1	483.48	493.70	505.39	494.19	2.22	ppb
Cadmium	111-1	497.01	498.66	499.68	498.45	0.27	ppb
Cadmium	106-1	506.51	519.72	506.25	510.83	1.51	ppb
Cadmium	108-1	513.56	511.10	511.02	511.89	0.28	ppb
Calcium	43-1	49044.83	49289.08	49917.23	49417.04	0.91	ppb
Calcium	44-1	48676.61	48879.51	49491.58	49015.90	0.87	ppb
Chromium	52-2	496.02	496.41	512.12	501.51	1.83	ppb
Cobalt	59-2	493.85	492.76	503.68	496.76	1.21	ppb
Copper	63-2	990.32	993.25	1012.11	998.56	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	24492.51	24573.61	25080.18	24715.43	1.29	ppb
Iron	57-2	24414.72	24343.00	24694.81	24484.18	0.76	ppb
Krypton	83-1	2355.04	4402.98	-303.10	2151.64	109.67	ppb
Lead	206-1	497.89	502.39	502.68	500.99	0.54	ppb
Lead	207-1	505.44	499.16	503.03	502.54	0.63	ppb
Lead	208-1	497.06	496.54	499.73	497.78	0.34	ppb
Lithium	6-1				97		%
Magnesium	24-2	50089.28	50454.30	51863.24	50802.27	1.84	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:32:35	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	997.74	998.37	1016.73	1004.28	1.07	ppb
Molybdenum	94-1	2458.01	2465.60	2502.86	2475.49	0.97	ppb
Molybdenum	95-1	2451.09	2464.20	2491.45	2468.91	0.83	ppb
Molybdenum	96-1	2450.37	2454.78	2495.98	2467.04	1.02	ppb
Molybdenum	97-1	2467.63	2445.79	2476.48	2463.30	0.64	ppb
Molybdenum	98-1	2479.05	2479.27	2505.82	2488.05	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.23	500.18	508.73	503.72	0.89	ppb
Phosphorus	31-2	10212.08	10202.86	9524.65	9979.87	3.95	ppb
Potassium	39-2	23552.90	23834.17	24340.80	23909.29	1.67	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	478.29	424.63	417.00	439.97	7.59	ppb
Selenium	78-2	504.98	511.95	489.09	502.01	2.33	ppb
Selenium	82-1	495.08	500.08	506.15	500.44	1.11	ppb
Silicon	28-1	505.12	513.73	516.51	511.78	1.16	ppb
Silver	109-1	513.11	511.40	510.26	511.59	0.28	ppb
Silver	107-1	512.18	510.76	511.06	511.33	0.15	ppb
Sodium	23-2	49251.90	49034.08	50403.38	49563.12	1.48	ppb
Strontium	86-1	487.95	488.41	495.95	490.77	0.91	ppb
Strontium	88-1	491.06	494.52	495.75	493.78	0.49	ppb
Sulfur	34-1	9909.24	10005.78	10114.64	10009.89	1.03	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	497.62	498.37	504.64	500.21	0.77	ppb
Thallium	205-1	492.14	492.22	493.80	492.72	0.19	ppb
Tin	118-1	504.41	505.83	500.48	503.57	0.55	ppb
Titanium	47-1	2484.19	2530.51	2549.94	2521.55	1.34	ppb
Uranium	238-1	486.62	488.72	495.74	490.36	0.97	ppb
Vanadium	51-2	496.70	492.43	509.80	499.64	1.81	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	997.56	1011.06	1018.83	1009.15	1.07	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:32:35	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	493.82	494.51	502.20	496.85	0.94	ppb
Zirconium	91-1	494.47	493.15	496.88	494.83	0.38	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:36:03	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19064.78	18897.80	18680.02	18880.87	1.02	ppb
Antimony	121-1	1006.53	997.53	973.76	992.61	1.71	ppb
Arsenic	75-1	1013.07	1007.46	985.68	1002.07	1.44	ppb
Barium	135-1	4995.46	5011.29	4875.28	4960.68	1.50	ppb
Barium	137-1	5003.88	5025.35	4899.73	4976.32	1.35	ppb
Beryllium	9-1	1030.40	976.13	986.76	997.76	2.88	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	1000.76	985.01	1015.53	1000.43	1.53	ppb
Boron	11-1	1006.06	988.37	1009.94	1001.45	1.15	ppb
Cadmium	111-1	998.77	1007.76	980.08	995.54	1.42	ppb
Cadmium	106-1	986.30	1003.38	971.86	987.18	1.60	ppb
Cadmium	108-1	997.07	999.78	965.48	987.44	1.93	ppb
Calcium	43-1	99366.80	99462.94	99203.76	99344.50	0.13	ppb
Calcium	44-1	98279.59	98766.95	96788.75	97945.10	1.05	ppb
Chromium	52-2	1013.62	995.14	980.24	996.33	1.68	ppb
Cobalt	59-2	1019.11	992.39	987.18	999.56	1.71	ppb
Copper	63-2	2012.92	2012.90	1961.36	1995.72	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				88		%
Iron	56-2	49980.73	49261.60	48329.47	49190.60	1.68	ppb
Iron	57-2	49208.99	48843.93	47899.46	48650.79	1.39	ppb
Krypton	83-1	683.78	-430.85	0.40	84.44	665.60	ppb
Lead	206-1	1004.31	1005.45	979.96	996.58	1.44	ppb
Lead	207-1	997.37	1006.48	983.33	995.73	1.17	ppb
Lead	208-1	1003.29	1006.40	984.60	998.10	1.18	ppb
Lithium	6-1				93		%
Magnesium	24-2	101424.94	100545.26	98521.13	100163.78	1.49	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:36:03	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2024.14	1990.15	1960.74	1991.68	1.59	ppb
Molybdenum	94-1	5064.05	4985.02	4938.32	4995.80	1.27	ppb
Molybdenum	95-1	5040.92	5010.64	4943.47	4998.34	1.00	ppb
Molybdenum	96-1	5065.52	5007.02	4938.25	5003.60	1.27	ppb
Molybdenum	97-1	5061.12	5001.92	4947.43	5003.49	1.14	ppb
Molybdenum	98-1	5045.65	5012.53	4924.29	4994.16	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1011.12	993.45	978.62	994.40	1.64	ppb
Phosphorus	31-2	20655.85	20135.25	19144.45	19978.52	3.84	ppb
Potassium	39-2	48368.30	47255.75	46668.87	47430.97	1.82	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	77-2	1026.35	1028.24	1035.57	1030.05	0.47	ppb
Selenium	78-2	979.41	1052.14	951.41	994.32	5.23	ppb
Selenium	82-1	999.74	999.84	988.27	995.95	0.67	ppb
Silicon	28-1	987.99	996.55	970.86	985.13	1.33	ppb
Silver	109-1	999.45	991.32	967.71	986.16	1.67	ppb
Silver	107-1	994.71	997.58	966.59	986.29	1.74	ppb
Sodium	23-2	99786.87	98343.96	96508.48	98213.10	1.67	ppb
Strontium	86-1	1004.52	1011.45	991.78	1002.58	1.00	ppb
Strontium	88-1	1004.75	1010.16	985.86	1000.25	1.28	ppb
Sulfur	34-1	19958.70	20105.24	19541.86	19868.60	1.47	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	991.58	1012.77	985.52	996.62	1.44	ppb
Thallium	205-1	1001.80	1019.07	982.01	1000.96	1.85	ppb
Tin	118-1	1001.26	1001.65	975.57	992.83	1.51	ppb
Titanium	47-1	4951.35	5046.10	4921.12	4972.86	1.31	ppb
Uranium	238-1	1001.24	1022.98	990.88	1005.03	1.63	ppb
Vanadium	51-2	1015.92	999.64	976.58	997.38	1.98	ppb
Yttrium	89-1				96		%
Yttrium	89-2				90		%
Zinc	66-2	2013.19	1985.22	1967.68	1988.70	1.15	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:36:03	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1008.40	997.28	988.82	998.17	0.98	ppb
Zirconium	91-1	1006.94	994.55	1000.23	1000.57	0.62	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:39:28	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99709.78	99871.28	101236.67	100272.58	0.84	ppb
Antimony	121-1	2.97	2.79	2.76	2.84	3.97	ppb
Arsenic	75-1	1.79	1.54	1.67	1.66	7.50	ppb
Barium	135-1	1.43	1.33	1.29	1.35	5.27	ppb
Barium	137-1	1.35	1.36	1.39	1.36	1.43	ppb
Beryllium	9-1	0.67	0.68	0.54	0.63	11.77	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Boron	10-1	50.40	48.44	45.87	48.23	4.70	ppb
Boron	11-1	50.83	46.50	41.72	46.35	9.84	ppb
Cadmium	111-1	0.19	0.19	0.11	0.16	28.34	ppb
Cadmium	106-1	-0.05	-0.03	-0.26	-0.11		ppb
Cadmium	108-1	0.30	0.24	0.27	0.27	9.77	ppb
Calcium	43-1	495175.88	497637.13	507634.84	500149.28	1.32	ppb
Calcium	44-1	496549.25	496799.46	508098.56	500482.42	1.32	ppb
Chromium	52-2	54.26	54.40	55.78	54.81	1.53	ppb
Cobalt	59-2	12.59	12.98	12.89	12.82	1.59	ppb
Copper	63-2	4.55	4.76	4.75	4.69	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	249722.55	248870.92	251913.01	250168.83	0.63	ppb
Iron	57-2	247434.47	252001.95	251506.57	250314.33	1.00	ppb
Krypton	83-1	-378.69	427.06	1594.55	547.64	181.16	ppb
Lead	206-1	1.08	1.05	1.10	1.08	2.55	ppb
Lead	207-1	1.00	0.95	1.03	0.99	4.25	ppb
Lead	208-1	1.04	1.01	1.07	1.04	2.73	ppb
Lithium	6-1				90		%
Magnesium	24-2	497461.99	499490.08	502587.29	499846.46	0.52	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:39:28	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16.88	16.30	15.63	16.27	3.86	ppb
Molybdenum	94-1	7.63	7.43	7.21	7.42	2.87	ppb
Molybdenum	95-1	9.78	9.73	9.53	9.68	1.39	ppb
Molybdenum	96-1	9.74	9.44	9.41	9.53	1.93	ppb
Molybdenum	97-1	9.41	9.63	9.55	9.53	1.20	ppb
Molybdenum	98-1	9.68	9.23	9.71	9.54	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.22	43.46	43.58	43.75	0.93	ppb
Phosphorus	31-2	-7.13	15.35	-7.13	0.37	3549.70	ppb
Potassium	39-2	248910.10	250432.19	252526.49	250622.93	0.72	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	-1.56	-1.56	3.29	0.06	4869.41	ppb
Selenium	78-2	0.03	4.90	0.84	1.92	135.68	ppb
Selenium	82-1	1.20	1.13	0.61	0.98	33.01	ppb
Silicon	28-1	37.90	37.39	40.74	38.68	4.67	ppb
Silver	109-1	0.16	0.13	0.11	0.13	19.93	ppb
Silver	107-1	0.15	0.13	0.13	0.14	8.38	ppb
Sodium	23-2	496722.61	500681.17	503680.46	500361.41	0.70	ppb
Strontium	86-1	4.74	4.45	4.75	4.65	3.71	ppb
Strontium	88-1	4.72	4.73	4.85	4.77	1.50	ppb
Sulfur	34-1	-705.29	-905.62	-481.63	-697.51		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.60	0.48	0.52	0.53	10.70	ppb
Thallium	205-1	0.58	0.52	0.53	0.54	5.81	ppb
Tin	118-1	2.44	2.45	2.46	2.45	0.41	ppb
Titanium	47-1	1.23	1.51	1.45	1.40	10.69	ppb
Uranium	238-1	0.21	0.21	0.21	0.21	0.69	ppb
Vanadium	51-2	0.49	0.58	0.70	0.59	17.85	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	15.92	15.52	15.03	15.49	2.86	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:39:28	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.42	0.38	0.37	0.39	7.02	ppb
Zirconium	91-1	0.32	0.37	0.41	0.37	11.41	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:47:59	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	488.93	473.30	485.32	482.52	1.70	ppb
Antimony	121-1	211.46	215.64	218.08	215.06	1.56	ppb
Arsenic	75-1	202.71	202.33	206.42	203.82	1.11	ppb
Barium	135-1	106.81	105.91	105.36	106.03	0.69	ppb
Barium	137-1	104.85	106.23	107.65	106.24	1.32	ppb
Beryllium	9-1	105.89	103.64	104.77	104.77	1.07	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	8.12	7.71	8.95	8.26	7.64	ppb
Boron	11-1	8.46	8.78	8.19	8.48	3.46	ppb
Cadmium	111-1	105.23	108.12	109.47	107.61	2.01	ppb
Cadmium	106-1	91.22	93.91	95.88	93.67	2.50	ppb
Cadmium	108-1	96.55	97.71	100.91	98.39	2.29	ppb
Calcium	43-1	2043.04	2063.11	2081.72	2062.62	0.94	ppb
Calcium	44-1	2040.74	2033.47	2087.71	2053.97	1.43	ppb
Chromium	52-2	99.63	104.05	104.11	102.60	2.50	ppb
Cobalt	59-2	101.00	105.93	104.22	103.71	2.41	ppb
Copper	63-2	101.97	106.12	105.35	104.48	2.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	996.42	1046.75	1040.47	1027.88	2.67	ppb
Iron	57-2	1003.50	1031.80	990.68	1008.66	2.09	ppb
Krypton	83-1	1510.24	-2585.61	60.80	-338.19		ppb
Lead	206-1	209.73	209.51	209.22	209.49	0.12	ppb
Lead	207-1	197.95	199.39	198.97	198.77	0.37	ppb
Lead	208-1	205.60	207.10	206.11	206.27	0.37	ppb
Lithium	6-1				100		%
Magnesium	24-2	1229.06	1284.85	1265.83	1259.91	2.25	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:47:59	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.48	105.59	102.41	103.49	1.75	ppb
Molybdenum	94-1	0.22	0.35	0.30	0.29	21.40	ppb
Molybdenum	95-1	0.21	0.25	0.24	0.24	8.49	ppb
Molybdenum	96-1	0.25	0.22	0.22	0.23	8.60	ppb
Molybdenum	97-1	0.20	0.17	0.17	0.18	9.00	ppb
Molybdenum	98-1	0.20	0.19	0.21	0.20	6.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.19	108.95	105.21	105.79	2.76	ppb
Phosphorus	31-2	-7.13	-7.13	-7.13	-7.13		ppb
Potassium	39-2	2033.67	2123.48	2107.47	2088.21	2.29	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	215.95	164.13	245.74	208.61	19.80	ppb
Selenium	78-2	223.69	228.63	207.21	219.85	5.10	ppb
Selenium	82-1	215.35	214.61	211.49	213.82	0.96	ppb
Silicon	28-1	1.42	1.54	2.44	1.80	31.03	ppb
Silver	109-1	109.04	109.97	110.48	109.83	0.66	ppb
Silver	107-1	108.96	110.62	111.56	110.38	1.19	ppb
Sodium	23-2	2001.49	2113.07	2052.38	2055.64	2.72	ppb
Strontium	86-1	2.42	2.24	2.35	2.33	3.93	ppb
Strontium	88-1	2.37	2.42	2.38	2.39	1.20	ppb
Sulfur	34-1	-1242.59	-1438.45	-1099.90	-1260.31		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	215.86	214.10	214.68	214.88	0.42	ppb
Thallium	205-1	212.55	211.75	212.74	212.34	0.25	ppb
Tin	118-1	0.09	0.07	0.09	0.08	14.95	ppb
Titanium	47-1	0.07	0.09	0.05	0.07	31.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	98.35	103.95	105.16	102.49	3.55	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	204.24	213.63	211.13	209.67	2.32	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:47:59	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.08	0.07	0.08	15.83	ppb
Zirconium	91-1	0.11	0.11	0.10	0.11	7.41	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:51:21	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.24	20.30	20.28	19.61	6.04	ppb
Antimony	121-1	2.70	2.76	2.75	2.74	1.07	ppb
Arsenic	75-1	1.07	1.01	1.11	1.06	4.47	ppb
Barium	135-1	10.39	10.41	10.64	10.48	1.33	ppb
Barium	137-1	10.70	10.51	10.52	10.57	1.00	ppb
Beryllium	9-1	1.14	1.38	1.14	1.22	11.13	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	32.67	33.59	31.86	32.71	2.66	ppb
Boron	11-1	31.22	32.90	32.88	32.33	2.98	ppb
Cadmium	111-1	1.10	1.10	1.23	1.14	6.52	ppb
Cadmium	106-1	0.90	1.68	1.64	1.41	31.43	ppb
Cadmium	108-1	1.41	1.07	1.01	1.16	18.69	ppb
Calcium	43-1	492.05	506.01	496.49	498.19	1.43	ppb
Calcium	44-1	509.58	508.40	504.17	507.38	0.56	ppb
Chromium	52-2	2.41	2.04	2.47	2.30	10.12	ppb
Cobalt	59-2	1.11	0.99	1.19	1.10	9.11	ppb
Copper	63-2	2.27	2.04	2.25	2.19	5.85	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				102		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	56.10	54.16	57.33	55.86	2.87	ppb
Iron	57-2	48.18	45.09	59.31	50.86	14.71	ppb
Krypton	83-1	-663.98	1440.79	-774.29	0.84	149018.68	ppb
Lead	206-1	1.15	1.15	1.10	1.13	2.44	ppb
Lead	207-1	1.12	1.07	1.11	1.10	2.36	ppb
Lead	208-1	1.11	1.09	1.10	1.10	1.05	ppb
Lithium	6-1				101		%
Magnesium	24-2	524.11	499.96	554.29	526.12	5.17	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:51:21	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.27	1.24	0.96	1.16	14.72	ppb
Molybdenum	94-1	5.47	5.37	5.28	5.37	1.78	ppb
Molybdenum	95-1	5.13	5.21	5.53	5.29	4.02	ppb
Molybdenum	96-1	5.38	5.37	5.31	5.35	0.76	ppb
Molybdenum	97-1	5.44	5.25	5.25	5.31	2.11	ppb
Molybdenum	98-1	5.30	5.36	5.25	5.30	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.27	1.25	1.51	1.35	10.85	ppb
Phosphorus	31-2	12.82	12.14	34.01	19.66	63.27	ppb
Potassium	39-2	554.26	540.75	587.47	560.83	4.29	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	2.80	-1.56	16.37	5.87	159.29	ppb
Selenium	78-2	10.08	2.82	2.95	5.28	78.70	ppb
Selenium	82-1	5.89	5.50	6.00	5.80	4.48	ppb
Silicon	28-1	14.40	14.06	13.30	13.92	4.05	ppb
Silver	109-1	1.09	1.13	1.13	1.11	1.84	ppb
Silver	107-1	1.15	1.17	1.21	1.17	2.45	ppb
Sodium	23-2	563.00	515.36	584.29	554.21	6.37	ppb
Strontium	86-1	1.12	1.11	1.06	1.10	2.96	ppb
Strontium	88-1	1.08	1.08	1.05	1.07	1.24	ppb
Sulfur	34-1	-1424.00	-1331.03	-1421.47	-1392.16		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	1.17	1.15	1.10	1.14	3.22	ppb
Thallium	205-1	1.15	1.13	1.12	1.13	1.02	ppb
Tin	118-1	5.41	5.40	5.14	5.32	2.86	ppb
Titanium	47-1	5.31	5.55	5.12	5.33	4.07	ppb
Uranium	238-1	1.03	0.99	0.98	1.00	2.94	ppb
Vanadium	51-2	5.32	5.13	5.36	5.27	2.37	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	1.97	2.42	2.25	2.21	10.23	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:51:21	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.01	1.05	1.04	1.03	1.74	ppb
Zirconium	91-1	1.02	1.00	1.09	1.03	4.94	ppb

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 12:54:44 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.41	-0.06	3.77	1.10	210.23	ppb
Antimony	121-1	0.19	0.18	0.22	0.20	10.63	ppb
Arsenic	75-1	0.03	-0.01	0.00	0.01	241.24	ppb
Barium	135-1	0.01	0.01	0.02	0.01	65.98	ppb
Barium	137-1	0.01	0.00	0.01	0.00	154.54	ppb
Beryllium	9-1	0.17	0.14	0.14	0.15	13.10	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	6.98	8.68	6.77	7.48	13.99	ppb
Boron	11-1	7.66	7.48	7.69	7.61	1.53	ppb
Cadmium	111-1	-0.01	-0.01	-0.09	-0.04		ppb
Cadmium	106-1	-0.31	-0.15	-1.27	-0.58		ppb
Cadmium	108-1	0.03	0.03	0.08	0.04	71.81	ppb
Calcium	43-1	-4.01	-4.33	0.35	-2.66		ppb
Calcium	44-1	-0.03	-0.46	0.11	-0.13		ppb
Chromium	52-2	-0.07	-0.03	0.00	-0.03		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	8.65	ppb
Copper	63-2	0.00	-0.01	0.02	0.01	283.30	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				102		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	0.88	1.28	1.26	1.14	19.61	ppb
Iron	57-2	0.98	2.40	-0.84	0.85	191.27	ppb
Krypton	83-1	-1028.53	-2286.85	-1944.52	-1753.30		ppb
Lead	206-1	0.04	0.04	0.04	0.04	8.85	ppb
Lead	207-1	0.04	0.04	0.04	0.04	7.60	ppb
Lead	208-1	0.04	0.04	0.04	0.04	1.24	ppb
Lithium	6-1				101		%
Magnesium	24-2	7.67	7.08	4.86	6.54	22.68	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:54:44	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	-0.06	-0.02		ppb
Molybdenum	94-1	0.09	0.11	0.11	0.11	12.06	ppb
Molybdenum	95-1	0.10	0.08	0.08	0.09	15.52	ppb
Molybdenum	96-1	0.07	0.07	0.08	0.07	9.26	ppb
Molybdenum	97-1	0.08	0.07	0.09	0.08	13.68	ppb
Molybdenum	98-1	0.09	0.09	0.08	0.09	5.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.04	0.02	128.57	ppb
Phosphorus	31-2	53.11	12.85	12.67	26.21	88.88	ppb
Potassium	39-2	13.97	28.50	17.24	19.90	38.30	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.69	-0.77	-0.04	-0.04		ppb
Selenium	82-1	0.04	0.61	0.27	0.31	91.84	ppb
Silicon	28-1	-2.34	-2.03	-2.00	-2.13		ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.89	ppb
Silver	107-1	0.01	0.01	0.01	0.01	6.70	ppb
Sodium	23-2	16.16	13.32	17.00	15.50	12.44	ppb
Strontium	86-1	-0.01	-0.05	0.00	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1136.79	-1230.05	-999.25	-1122.03		ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	0.09	0.08	0.08	0.08	5.42	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	4.38	ppb
Tin	118-1	0.05	0.05	0.06	0.05	15.51	ppb
Titanium	47-1	0.02	0.01	0.06	0.03	79.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	239.33	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	-0.10	-0.17	-0.21	-0.16		ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:54:44	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.01	0.01	23.18	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	61.67	ppb

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 12:58:07 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88675.84	88274.09	88857.98	88602.63	0.34	ppb
Antimony	121-1	1.22	1.33	1.28	1.28	4.41	ppb
Arsenic	75-1	1.55	1.49	1.70	1.58	6.81	ppb
Barium	135-1	1.71	1.48	1.49	1.56	8.54	ppb
Barium	137-1	1.44	1.51	1.55	1.50	3.71	ppb
Beryllium	9-1	0.42	0.38	0.41	0.40	4.83	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	8.86	9.04	7.59	8.49	9.33	ppb
Boron	11-1	8.83	8.25	8.67	8.58	3.47	ppb
Cadmium	111-1	0.25	0.40	0.18	0.28	40.85	ppb
Cadmium	106-1	-0.93	0.41	-0.75	-0.42		ppb
Cadmium	108-1	8.74	8.10	9.64	8.82	8.77	ppb
Calcium	43-1	100974.27	99323.03	98242.36	99513.22	1.38	ppb
Calcium	44-1	99185.41	98245.56	96482.86	97971.28	1.40	ppb
Chromium	52-2	23.70	23.75	23.85	23.77	0.32	ppb
Cobalt	59-2	1.28	1.23	1.28	1.26	2.45	ppb
Copper	63-2	7.67	7.58	7.82	7.69	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	98827.49	98799.14	98988.58	98871.74	0.10	ppb
Iron	57-2	98142.05	98342.13	99296.88	98593.69	0.63	ppb
Krypton	83-1	-1094.17	2004.38	1193.53	701.24	229.15	ppb
Lead	206-1	5.01	4.76	4.93	4.90	2.58	ppb
Lead	207-1	4.38	4.26	4.09	4.24	3.43	ppb
Lead	208-1	4.64	4.52	4.46	4.54	2.01	ppb
Lithium	6-1				95		%
Magnesium	24-2	100031.80	100442.07	99579.46	100017.78	0.43	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:58:07	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.50	8.10	8.08	7.90	4.35	ppb
Molybdenum	94-1	1387.80	1374.36	1375.67	1379.28	0.54	ppb
Molybdenum	95-1	1975.76	1966.56	1950.18	1964.17	0.66	ppb
Molybdenum	96-1	1902.56	1873.35	1862.73	1879.55	1.10	ppb
Molybdenum	97-1	1970.67	1942.92	1937.77	1950.46	0.91	ppb
Molybdenum	98-1	1986.11	1957.87	1936.12	1960.03	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.87	7.78	8.25	7.97	3.13	ppb
Phosphorus	31-2	101726.71	101605.88	99782.63	101038.41	1.08	ppb
Potassium	39-2	99290.62	98151.06	98605.88	98682.52	0.58	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.00	-0.77	-0.77	-0.51		ppb
Selenium	82-1	0.44	0.17	0.19	0.27	56.05	ppb
Silicon	28-1	29.14	28.48	28.48	28.70	1.33	ppb
Silver	109-1	0.04	0.05	0.06	0.05	20.15	ppb
Silver	107-1	0.05	0.05	0.05	0.05	0.56	ppb
Sodium	23-2	98872.38	99703.41	99398.69	99324.83	0.42	ppb
Strontium	86-1	34.17	34.02	32.78	33.66	2.27	ppb
Strontium	88-1	34.45	33.70	33.94	34.03	1.12	ppb
Sulfur	34-1	82617.56	81760.14	80323.23	81566.98	1.42	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.13	0.15	0.13	0.14	9.59	ppb
Thallium	205-1	0.14	0.15	0.16	0.15	7.67	ppb
Tin	118-1	0.22	0.18	0.22	0.20	11.45	ppb
Titanium	47-1	2078.16	2029.92	2023.84	2043.97	1.46	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.36	ppb
Vanadium	51-2	0.14	0.18	0.18	0.16	12.27	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	12.31	11.75	11.98	12.02	2.37	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:58:07	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.32	0.28	0.28	0.29	8.76	ppb
Zirconium	91-1	0.29	0.30	0.27	0.29	5.06	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:01:25	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88406.84	87703.89	87828.23	87979.65	0.43	ppb
Antimony	121-1	21.39	21.20	21.41	21.33	0.53	ppb
Arsenic	75-1	21.38	21.18	21.36	21.31	0.53	ppb
Barium	135-1	21.68	22.29	22.26	22.08	1.56	ppb
Barium	137-1	21.96	22.52	22.25	22.24	1.26	ppb
Beryllium	9-1	20.95	21.01	21.18	21.05	0.56	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	584.50	592.97	581.53	586.33	1.01	ppb
Boron	11-1	578.74	579.96	587.52	582.07	0.82	ppb
Cadmium	111-1	19.56	20.13	20.45	20.05	2.24	ppb
Cadmium	106-1	15.96	17.29	15.84	16.36	4.89	ppb
Cadmium	108-1	29.17	28.70	28.38	28.75	1.39	ppb
Calcium	43-1	95852.54	96816.88	98658.91	97109.44	1.47	ppb
Calcium	44-1	95225.71	95995.41	96381.96	95867.69	0.61	ppb
Chromium	52-2	47.07	46.55	46.73	46.78	0.57	ppb
Cobalt	59-2	21.82	21.78	21.39	21.66	1.09	ppb
Copper	63-2	27.58	28.39	27.98	27.98	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	98190.21	97744.68	97519.24	97818.04	0.35	ppb
Iron	57-2	97308.69	96796.61	95688.61	96597.97	0.86	ppb
Krypton	83-1	-1097.29	-3417.58	1547.15	-989.24		ppb
Lead	206-1	25.70	25.73	25.67	25.70	0.11	ppb
Lead	207-1	23.46	23.39	23.34	23.40	0.27	ppb
Lead	208-1	24.20	24.30	24.43	24.31	0.47	ppb
Lithium	6-1				95		%
Magnesium	24-2	99486.59	97972.55	98387.10	98615.41	0.79	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:01:25	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.82	29.86	28.67	29.12	2.22	ppb
Molybdenum	94-1	1704.79	1664.31	1682.01	1683.70	1.21	ppb
Molybdenum	95-1	2429.25	2385.08	2414.02	2409.45	0.93	ppb
Molybdenum	96-1	2314.06	2279.69	2314.10	2302.62	0.86	ppb
Molybdenum	97-1	2421.38	2376.22	2382.79	2393.46	1.02	ppb
Molybdenum	98-1	2426.39	2378.76	2408.82	2404.65	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.10	30.13	31.58	30.94	2.39	ppb
Phosphorus	31-2	101301.48	100682.67	102142.43	101375.53	0.72	ppb
Potassium	39-2	98312.78	97390.50	98176.54	97959.94	0.51	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	12.50	22.03	3.13	12.55	75.26	ppb
Selenium	78-2	13.21	17.21	18.70	16.38	17.36	ppb
Selenium	82-1	19.62	20.68	19.79	20.03	2.86	ppb
Silicon	28-1	505.72	509.18	517.34	510.75	1.17	ppb
Silver	109-1	19.23	19.22	19.47	19.31	0.72	ppb
Silver	107-1	19.61	19.73	19.51	19.61	0.56	ppb
Sodium	23-2	98485.59	98392.75	98634.39	98504.25	0.12	ppb
Strontium	86-1	33.06	33.57	33.02	33.21	0.92	ppb
Strontium	88-1	33.66	33.09	33.42	33.39	0.85	ppb
Sulfur	34-1	80051.06	79902.34	81269.47	80407.62	0.93	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	20.32	20.92	20.46	20.57	1.52	ppb
Thallium	205-1	20.58	20.68	20.63	20.63	0.24	ppb
Tin	118-1	503.39	498.41	504.70	502.16	0.66	ppb
Titanium	47-1	2477.07	2495.31	2543.54	2505.30	1.37	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	14.53	ppb
Vanadium	51-2	20.54	19.78	20.47	20.26	2.08	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	32.50	31.27	33.12	32.30	2.93	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:01:25	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.37	0.32	0.25	0.31	19.51	ppb
Zirconium	91-1	0.35	0.31	0.27	0.31	13.77	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:04:43	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50367.75	51223.61	51979.82	51190.40	1.58	ppb
Antimony	121-1	532.57	511.54	511.74	518.62	2.33	ppb
Arsenic	75-1	513.94	492.42	502.03	502.80	2.14	ppb
Barium	135-1	2658.03	2608.59	2576.18	2614.27	1.58	ppb
Barium	137-1	2633.27	2566.78	2557.17	2585.74	1.60	ppb
Beryllium	9-1	539.30	524.80	528.83	530.98	1.41	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	540.40	538.36	560.17	546.31	2.21	ppb
Boron	11-1	552.34	544.20	560.23	552.26	1.45	ppb
Cadmium	111-1	510.04	499.02	499.16	502.74	1.26	ppb
Cadmium	106-1	518.90	505.09	508.24	510.74	1.42	ppb
Cadmium	108-1	524.78	513.72	503.63	514.04	2.06	ppb
Calcium	43-1	251877.62	242789.81	248419.71	247695.71	1.85	ppb
Calcium	44-1	253316.06	242151.46	248304.10	247923.87	2.26	ppb
Chromium	52-2	522.42	528.80	543.08	531.44	1.99	ppb
Cobalt	59-2	485.44	494.62	505.69	495.25	2.05	ppb
Copper	63-2	942.53	962.36	988.44	964.44	2.39	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				103		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	121134.52	123572.82	125331.71	123346.35	1.71	ppb
Iron	57-2	120805.68	122706.37	125860.98	123124.34	2.07	ppb
Krypton	83-1	-3253.37	-1894.40	7094.69	648.97	866.50	ppb
Lead	206-1	547.73	522.45	520.59	530.26	2.86	ppb
Lead	207-1	545.02	520.40	521.34	528.92	2.64	ppb
Lead	208-1	542.40	517.10	522.20	527.23	2.54	ppb
Lithium	6-1				92		%
Magnesium	24-2	241003.70	243917.66	248267.98	244396.45	1.50	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:04:43	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1004.35	1022.90	1043.02	1023.43	1.89	ppb
Molybdenum	94-1	2628.56	2581.45	2593.72	2601.24	0.94	ppb
Molybdenum	95-1	2614.29	2553.23	2580.27	2582.60	1.18	ppb
Molybdenum	96-1	2614.45	2555.74	2575.35	2581.85	1.16	ppb
Molybdenum	97-1	2596.75	2519.60	2551.40	2555.92	1.52	ppb
Molybdenum	98-1	2626.27	2542.89	2579.02	2582.72	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.75	511.93	519.93	510.20	2.10	ppb
Phosphorus	31-2	9334.52	10904.79	11441.78	10560.36	10.37	ppb
Potassium	39-2	122395.41	126387.73	127151.07	125311.40	2.04	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	494.14	509.86	534.31	512.77	3.95	ppb
Selenium	78-2	496.23	517.41	511.27	508.30	2.14	ppb
Selenium	82-1	515.98	501.74	503.84	507.19	1.52	ppb
Silicon	28-1	533.25	506.91	526.26	522.14	2.61	ppb
Silver	109-1	522.86	513.57	511.59	516.01	1.17	ppb
Silver	107-1	518.78	511.30	506.88	512.32	1.17	ppb
Sodium	23-2	242085.15	245954.25	249681.90	245907.10	1.54	ppb
Strontium	86-1	519.41	505.82	508.42	511.22	1.41	ppb
Strontium	88-1	522.53	511.72	515.68	516.64	1.06	ppb
Sulfur	34-1	9889.16	9205.81	9451.82	9515.60	3.64	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	547.65	524.24	526.15	532.68	2.44	ppb
Thallium	205-1	539.36	520.16	519.89	526.47	2.12	ppb
Tin	118-1	534.09	520.60	518.31	524.33	1.63	ppb
Titanium	47-1	2670.34	2586.54	2641.48	2632.78	1.62	ppb
Uranium	238-1	543.26	517.74	520.62	527.21	2.65	ppb
Vanadium	51-2	507.73	516.35	524.35	516.14	1.61	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	964.43	989.31	1000.52	984.75	1.88	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:04:43	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	524.95	510.51	519.22	518.23	1.40	ppb
Zirconium	91-1	533.46	514.62	519.56	522.54	1.87	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:07:55	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.11	1.88	0.81	1.27	43.59	ppb
Antimony	121-1	1.10	1.05	0.99	1.05	5.47	ppb
Arsenic	75-1	0.23	0.13	0.09	0.15	48.54	ppb
Barium	135-1	0.12	0.09	0.09	0.10	18.54	ppb
Barium	137-1	0.19	0.08	0.08	0.12	53.24	ppb
Beryllium	9-1	0.35	0.27	0.29	0.30	13.09	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	20.35	20.47	18.67	19.83	5.09	ppb
Boron	11-1	23.32	20.96	19.72	21.34	8.57	ppb
Cadmium	111-1	0.04	0.00	0.00	0.01	171.91	ppb
Cadmium	106-1	0.06	-0.44	-0.43	-0.27		ppb
Cadmium	108-1	0.08	0.03	0.10	0.07	58.07	ppb
Calcium	43-1	15.75	7.10	12.44	11.77	37.07	ppb
Calcium	44-1	15.90	9.64	9.14	11.56	32.57	ppb
Chromium	52-2	-0.06	-0.10	-0.09	-0.08		ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	53.90	ppb
Copper	63-2	0.11	0.06	0.09	0.08	27.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	6.37	6.58	6.16	6.37	3.31	ppb
Iron	57-2	6.81	7.26	7.13	7.07	3.31	ppb
Krypton	83-1	-2117.98	151.10	-1160.44	-1042.44		ppb
Lead	206-1	0.12	0.13	0.09	0.11	17.42	ppb
Lead	207-1	0.12	0.11	0.13	0.12	6.29	ppb
Lead	208-1	0.12	0.11	0.11	0.11	5.31	ppb
Lithium	6-1				98		%
Magnesium	24-2	9.44	8.43	8.81	8.90	5.72	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:07:55	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.06	-0.01	-0.03		ppb
Molybdenum	94-1	0.99	0.97	0.80	0.92	11.25	ppb
Molybdenum	95-1	1.10	0.94	0.90	0.98	10.96	ppb
Molybdenum	96-1	1.11	0.93	0.86	0.97	13.07	ppb
Molybdenum	97-1	1.09	0.98	0.84	0.97	12.62	ppb
Molybdenum	98-1	1.17	0.97	0.88	1.01	14.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.09	0.03	0.04	119.11	ppb
Phosphorus	31-2	13.93	-7.13	-7.13	-0.11		ppb
Potassium	39-2	19.76	35.95	48.42	34.71	41.41	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	-0.01	0.76	0.00	0.25	176.26	ppb
Selenium	82-1	0.47	0.29	0.16	0.31	50.46	ppb
Silicon	28-1	-2.98	-2.68	5.69	0.01	52961.24	ppb
Silver	109-1	0.06	0.06	0.06	0.06	2.69	ppb
Silver	107-1	0.07	0.06	0.06	0.06	11.15	ppb
Sodium	23-2	45.60	39.85	47.23	44.23	8.77	ppb
Strontium	86-1	0.05	0.02	0.08	0.05	61.90	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	24.47	ppb
Sulfur	34-1	-1429.13	-1267.93	-1310.68	-1335.91		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.24	0.21	0.20	0.22	8.82	ppb
Thallium	205-1	0.24	0.22	0.21	0.23	6.48	ppb
Tin	118-1	0.29	0.27	0.21	0.26	15.15	ppb
Titanium	47-1	0.35	0.18	0.29	0.27	31.14	ppb
Uranium	238-1	0.03	0.02	0.01	0.02	30.86	ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	43.54	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	-0.03	-0.18	-0.05	-0.09		ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:07:55	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.11	0.12	0.12	12.87	ppb
Zirconium	91-1	0.12	0.11	0.10	0.11	7.31	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:11:17	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.08	22.10	20.95	22.04	4.84	ppb
Antimony	121-1	2.39	2.43	2.33	2.38	2.07	ppb
Arsenic	75-1	1.03	1.14	1.03	1.06	6.11	ppb
Barium	135-1	10.36	10.47	10.54	10.46	0.88	ppb
Barium	137-1	10.52	10.42	10.19	10.38	1.59	ppb
Beryllium	9-1	1.09	1.26	1.13	1.16	7.42	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	36.25	37.94	35.83	36.67	3.06	ppb
Boron	11-1	34.43	36.98	36.02	35.81	3.59	ppb
Cadmium	111-1	0.99	1.15	1.02	1.05	8.04	ppb
Cadmium	106-1	0.35	0.52	0.98	0.62	52.33	ppb
Cadmium	108-1	1.25	1.00	1.13	1.13	10.85	ppb
Calcium	43-1	474.49	503.21	491.80	489.83	2.95	ppb
Calcium	44-1	506.75	512.01	497.53	505.43	1.45	ppb
Chromium	52-2	2.41	2.22	2.43	2.35	4.89	ppb
Cobalt	59-2	1.06	1.07	1.03	1.05	1.58	ppb
Copper	63-2	2.21	2.34	2.29	2.28	2.87	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				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	56.86	56.95	56.42	56.74	0.50	ppb
Iron	57-2	50.39	55.39	49.17	51.65	6.38	ppb
Krypton	83-1	467.82	1276.82	-1191.13	184.50	681.90	ppb
Lead	206-1	1.13	1.07	1.12	1.11	2.69	ppb
Lead	207-1	1.12	1.09	1.07	1.09	2.66	ppb
Lead	208-1	1.11	1.09	1.10	1.10	0.92	ppb
Lithium	6-1				97		%
Magnesium	24-2	542.05	563.84	548.58	551.49	2.03	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:11:17	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.53	1.04	1.10	1.23	21.79	ppb
Molybdenum	94-1	5.90	5.74	5.69	5.78	1.89	ppb
Molybdenum	95-1	5.33	5.46	5.32	5.37	1.50	ppb
Molybdenum	96-1	5.34	5.40	5.45	5.39	1.04	ppb
Molybdenum	97-1	5.27	5.55	5.26	5.36	3.13	ppb
Molybdenum	98-1	5.43	5.60	5.25	5.43	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.20	1.28	1.19	7.64	ppb
Phosphorus	31-2	-7.13	-7.13	-7.13	-7.13		ppb
Potassium	39-2	546.42	558.29	566.94	557.21	1.85	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	3.15	-1.56	3.12	1.57	172.48	ppb
Selenium	78-2	2.36	7.11	4.67	4.71	50.43	ppb
Selenium	82-1	5.53	5.75	5.71	5.66	2.10	ppb
Silicon	28-1	12.40	13.34	11.87	12.54	5.92	ppb
Silver	109-1	1.13	1.11	1.11	1.11	0.95	ppb
Silver	107-1	1.15	1.11	1.05	1.10	4.37	ppb
Sodium	23-2	566.01	570.23	567.65	567.97	0.37	ppb
Strontium	86-1	1.16	1.09	1.10	1.12	3.45	ppb
Strontium	88-1	1.06	1.12	1.09	1.09	2.68	ppb
Sulfur	34-1	-1152.33	-1055.96	-1298.84	-1169.04		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	1.01	1.18	1.21	1.13	9.36	ppb
Thallium	205-1	1.15	1.17	1.12	1.15	1.85	ppb
Tin	118-1	5.33	5.41	5.29	5.35	1.17	ppb
Titanium	47-1	5.42	5.24	5.15	5.27	2.57	ppb
Uranium	238-1	0.99	1.04	0.98	1.00	3.24	ppb
Vanadium	51-2	5.11	5.13	5.34	5.19	2.51	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	3.31	3.40	2.99	3.23	6.77	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:11:17	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.27	1.23	1.24	1.25	1.51	ppb
Zirconium	91-1	1.28	1.26	1.22	1.25	2.38	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113792BL	Instrumnet Name :	P8
Client Sample ID :	PB113792BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:14:41	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.78	2.33	1.04	113.81	ppb
Antimony	121-1	0.16	0.15	0.15	0.15	3.35	ppb
Arsenic	75-1	0.02	0.03	0.01	0.02	54.37	ppb
Barium	135-1	0.00	0.02	0.02	0.01	58.18	ppb
Barium	137-1	0.01	0.02	0.02	0.02	22.02	ppb
Beryllium	9-1	0.12	0.10	0.11	0.11	7.74	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	10.52	8.77	10.79	10.03	10.96	ppb
Boron	11-1	9.80	9.48	9.65	9.64	1.66	ppb
Cadmium	111-1	0.03	-0.03	-0.05	-0.02		ppb
Cadmium	106-1	0.35	-0.43	-0.85	-0.31		ppb
Cadmium	108-1	-0.03	0.08	0.03	0.03	202.60	ppb
Calcium	43-1	3.88	-0.64	-2.17	0.36	878.27	ppb
Calcium	44-1	3.88	3.96	2.28	3.37	27.98	ppb
Chromium	52-2	-0.06	-0.07	0.07	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.02	0.05	0.02	0.03	52.52	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				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	1.98	2.04	2.15	2.06	4.14	ppb
Iron	57-2	0.03	2.75	1.64	1.47	93.18	ppb
Krypton	83-1	-1230.94	1799.84	-1241.19	-224.10		ppb
Lead	206-1	0.06	0.06	0.06	0.06	3.95	ppb
Lead	207-1	0.06	0.06	0.05	0.06	9.06	ppb
Lead	208-1	0.06	0.06	0.06	0.06	2.17	ppb
Lithium	6-1				97		%
Magnesium	24-2	8.70	6.88	11.63	9.07	26.40	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113792BL	Instrumnet Name :	P8
Client Sample ID :	PB113792BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:14:41	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	-0.05	-0.05	-0.05		ppb
Molybdenum	94-1	0.13	0.18	0.17	0.16	14.01	ppb
Molybdenum	95-1	0.15	0.19	0.14	0.16	15.36	ppb
Molybdenum	96-1	0.18	0.20	0.17	0.19	8.96	ppb
Molybdenum	97-1	0.18	0.16	0.14	0.16	12.90	ppb
Molybdenum	98-1	0.18	0.17	0.20	0.18	7.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.09	-0.01	0.04	137.92	ppb
Phosphorus	31-2	14.09	-7.13	-7.13	-0.06		ppb
Potassium	39-2	34.70	24.42	28.78	29.30	17.62	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.00	0.79	-0.77	0.01	10971.97	ppb
Selenium	82-1	0.24	-0.40	0.20	0.01	3138.93	ppb
Silicon	28-1	-2.08	-2.68	-2.44	-2.40		ppb
Silver	109-1	0.02	0.02	0.02	0.02	21.92	ppb
Silver	107-1	0.02	0.02	0.02	0.02	16.74	ppb
Sodium	23-2	18.94	20.09	23.06	20.70	10.28	ppb
Strontium	86-1	0.04	0.05	0.05	0.05	5.85	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	108.41	ppb
Sulfur	34-1	-950.57	-959.99	-1108.70	-1006.42		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.10	0.09	0.09	5.96	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	3.95	ppb
Tin	118-1	0.08	0.05	0.06	0.06	27.11	ppb
Titanium	47-1	0.03	0.05	0.10	0.06	64.60	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	1.70	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.04	0.01	0.11	0.05	97.31	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113792BL	Instrumnet Name :	P8
Client Sample ID :	PB113792BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:14:41	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.04	0.05	8.73	ppb
Zirconium	91-1	0.01	0.02	0.06	0.03	93.28	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113792BS	Instrumnet Name :	P8
Client Sample ID :	PB113792BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:18:04	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9536.81	10208.22	9397.57	9714.20	4.46	ppb
Antimony	121-1	515.79	516.80	508.59	513.73	0.87	ppb
Arsenic	75-1	486.18	494.19	483.85	488.08	1.11	ppb
Barium	135-1	2567.77	2563.37	2531.54	2554.23	0.77	ppb
Barium	137-1	2559.30	2528.37	2541.63	2543.10	0.61	ppb
Beryllium	9-1	497.22	500.63	499.53	499.13	0.35	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	475.13	492.51	500.51	489.38	2.65	ppb
Boron	11-1	479.04	491.62	502.43	491.03	2.38	ppb
Cadmium	111-1	505.69	509.98	500.77	505.48	0.91	ppb
Cadmium	106-1	514.88	510.79	504.05	509.91	1.07	ppb
Cadmium	108-1	514.88	513.44	505.46	511.26	0.99	ppb
Calcium	43-1	49314.59	50408.46	49063.72	49595.59	1.44	ppb
Calcium	44-1	49616.53	50539.03	49209.79	49788.45	1.37	ppb
Chromium	52-2	509.62	539.65	501.66	516.98	3.87	ppb
Cobalt	59-2	500.54	527.92	488.20	505.56	4.02	ppb
Copper	63-2	1020.54	1077.74	999.69	1032.66	3.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	25154.12	26447.02	24605.33	25402.16	3.72	ppb
Iron	57-2	24636.00	25840.28	24223.73	24900.00	3.37	ppb
Krypton	83-1	-3055.37	410.52	-1485.54	-1376.80		ppb
Lead	206-1	506.17	509.96	497.37	504.50	1.28	ppb
Lead	207-1	506.71	512.13	495.16	504.67	1.72	ppb
Lead	208-1	505.34	507.98	491.82	501.71	1.73	ppb
Lithium	6-1				97		%
Magnesium	24-2	51888.79	55586.31	50652.23	52709.11	4.87	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113792BS	Instrumnet Name :	P8
Client Sample ID :	PB113792BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:18:04	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1012.92	1066.24	990.76	1023.31	3.79	ppb
Molybdenum	94-1	2524.64	2493.95	2494.51	2504.37	0.70	ppb
Molybdenum	95-1	2515.12	2488.37	2495.10	2499.53	0.56	ppb
Molybdenum	96-1	2500.20	2486.54	2491.64	2492.79	0.28	ppb
Molybdenum	97-1	2483.11	2478.27	2475.16	2478.85	0.16	ppb
Molybdenum	98-1	2513.35	2490.21	2472.23	2491.93	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.75	536.39	500.75	514.30	3.75	ppb
Phosphorus	31-2	10333.62	10578.81	10704.41	10538.95	1.79	ppb
Potassium	39-2	24761.71	25995.33	24230.47	24995.84	3.62	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	487.89	554.62	477.22	506.58	8.28	ppb
Selenium	78-2	544.65	508.04	504.31	519.00	4.29	ppb
Selenium	82-1	500.67	502.27	502.69	501.88	0.21	ppb
Silicon	28-1	509.68	521.52	504.71	511.97	1.69	ppb
Silver	109-1	522.94	526.14	517.26	522.11	0.86	ppb
Silver	107-1	525.49	521.06	514.90	520.48	1.02	ppb
Sodium	23-2	51129.58	53878.22	50152.03	51719.94	3.74	ppb
Strontium	86-1	495.64	495.92	493.24	494.93	0.30	ppb
Strontium	88-1	501.20	502.69	497.49	500.46	0.54	ppb
Sulfur	34-1	8832.93	8988.91	8478.66	8766.83	2.98	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	504.60	512.38	504.22	507.07	0.91	ppb
Thallium	205-1	498.83	507.33	496.83	500.99	1.11	ppb
Tin	118-1	517.76	522.35	512.42	517.51	0.96	ppb
Titanium	47-1	2526.82	2575.86	2472.12	2524.93	2.06	ppb
Uranium	238-1	493.21	500.08	482.40	491.90	1.81	ppb
Vanadium	51-2	508.21	537.38	499.49	515.03	3.85	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	1016.28	1066.11	998.62	1027.00	3.41	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113792BS	Instrumnet Name :	P8
Client Sample ID :	PB113792BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:18:04	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.67	500.95	495.16	498.26	0.59	ppb
Zirconium	91-1	507.38	495.67	504.06	502.37	1.20	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:21:17	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.08	51.47	53.29	51.95	2.27	ppb
Antimony	121-1	0.96	0.93	0.90	0.93	3.32	ppb
Arsenic	75-1	3.03	3.25	3.40	3.22	5.79	ppb
Barium	135-1	1.96	1.93	1.81	1.90	4.34	ppb
Barium	137-1	1.88	1.74	1.92	1.85	5.09	ppb
Beryllium	9-1	0.39	0.38	0.34	0.37	7.85	ppb
Bismuth	209-1				113		%
Bismuth	209-2				109		%
Boron	10-1	28.72	26.36	24.41	26.50	8.13	ppb
Boron	11-1	26.30	26.41	24.08	25.60	5.13	ppb
Cadmium	111-1	0.12	0.07	0.07	0.09	29.17	ppb
Cadmium	106-1	-0.49	-0.21	-0.52	-0.41		ppb
Cadmium	108-1	0.11	0.16	0.14	0.14	17.53	ppb
Calcium	43-1	8592.39	8616.33	8479.88	8562.86	0.85	ppb
Calcium	44-1	8629.28	8602.95	8587.63	8606.62	0.24	ppb
Chromium	52-2	0.93	0.99	0.96	0.96	3.12	ppb
Cobalt	59-2	0.34	0.32	0.36	0.34	5.31	ppb
Copper	63-2	8.15	7.94	8.22	8.10	1.79	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				114		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	56-2	9.84	9.31	9.28	9.48	3.36	ppb
Iron	57-2	6.77	8.80	8.95	8.18	14.88	ppb
Krypton	83-1	-2333.06	-2437.53	-3440.17	-2736.92		ppb
Lead	206-1	36.49	36.38	36.22	36.36	0.38	ppb
Lead	207-1	34.15	34.19	34.17	34.17	0.06	ppb
Lead	208-1	35.21	35.21	35.04	35.15	0.28	ppb
Lithium	6-1				107		%
Magnesium	24-2	1373.67	1342.36	1297.54	1337.86	2.86	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:21:17	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.58	1.45	1.52	1.52	4.27	ppb
Molybdenum	94-1	0.78	0.63	0.68	0.70	10.77	ppb
Molybdenum	95-1	1.06	0.90	0.86	0.94	11.25	ppb
Molybdenum	96-1	1.02	0.84	0.74	0.86	16.58	ppb
Molybdenum	97-1	0.98	0.86	0.82	0.89	9.66	ppb
Molybdenum	98-1	1.01	1.02	0.79	0.94	13.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.01	4.60	4.91	4.84	4.39	ppb
Phosphorus	31-2	223.78	363.05	388.90	325.24	27.31	ppb
Potassium	39-2	2101.04	2034.22	2136.74	2090.67	2.49	ppb
Rhodium	103-1				111		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	77-2	-1.56	2.94	2.98	1.46	179.28	ppb
Selenium	78-2	-0.02	0.72	-0.02	0.23	189.39	ppb
Selenium	82-1	0.05	-0.01	0.34	0.13	147.26	ppb
Silicon	28-1	3542.51	3538.99	3506.94	3529.48	0.56	ppb
Silver	109-1	0.20	0.20	0.24	0.21	9.99	ppb
Silver	107-1	0.19	0.20	0.26	0.22	18.13	ppb
Sodium	23-2	5223.47	5079.14	5079.82	5127.48	1.62	ppb
Strontium	86-1	33.18	33.40	33.59	33.39	0.62	ppb
Strontium	88-1	33.60	33.65	33.97	33.74	0.59	ppb
Sulfur	34-1	-1358.21	-1517.27	-1587.22	-1487.57		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.45	0.41	0.46	0.44	6.20	ppb
Thallium	205-1	0.45	0.46	0.45	0.46	1.56	ppb
Tin	118-1	1.54	1.53	1.39	1.48	5.69	ppb
Titanium	47-1	0.73	0.59	0.59	0.64	12.70	ppb
Uranium	238-1	0.12	0.11	0.10	0.11	7.42	ppb
Vanadium	51-2	0.15	0.19	0.15	0.16	15.53	ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	33.94	33.31	32.63	33.29	1.98	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:21:17	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.03	0.03	16.92	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	39.82	ppb

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : J5396-01DUP Instrumnet Name : P8
 Client Sample ID : 381003737-PBCU185DU Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 13:24:39 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.73	55.09	52.73	54.18	2.35	ppb
Antimony	121-1	0.37	0.38	0.39	0.38	1.92	ppb
Arsenic	75-1	3.70	4.06	4.03	3.93	5.06	ppb
Barium	135-1	1.82	1.76	1.89	1.82	3.53	ppb
Barium	137-1	1.94	1.71	1.74	1.80	6.98	ppb
Beryllium	9-1	0.27	0.24	0.24	0.25	8.21	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Boron	10-1	15.54	15.06	15.60	15.40	1.93	ppb
Boron	11-1	15.44	16.07	15.43	15.65	2.32	ppb
Cadmium	111-1	0.06	0.04	0.03	0.04	36.20	ppb
Cadmium	106-1	-0.31	-0.55	-1.16	-0.67		ppb
Cadmium	108-1	0.14	0.00	0.12	0.08	90.67	ppb
Calcium	43-1	8549.05	8375.03	8371.35	8431.81	1.20	ppb
Calcium	44-1	8528.61	8406.40	8562.59	8499.20	0.97	ppb
Chromium	52-2	0.98	1.10	1.10	1.06	6.50	ppb
Cobalt	59-2	0.34	0.34	0.29	0.32	9.01	ppb
Copper	63-2	8.01	8.28	8.40	8.23	2.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	56-2	8.21	8.38	8.27	8.29	1.01	ppb
Iron	57-2	4.89	8.46	5.67	6.34	29.59	ppb
Krypton	83-1	443.57	-3698.08	157.83	-1032.23		ppb
Lead	206-1	35.38	35.66	35.51	35.52	0.40	ppb
Lead	207-1	33.72	33.44	33.22	33.46	0.75	ppb
Lead	208-1	34.60	34.50	34.52	34.54	0.15	ppb
Lithium	6-1				106		%
Magnesium	24-2	1316.16	1391.45	1390.82	1366.14	3.17	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01DUP	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185DU	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:24:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.57	1.59	1.38	1.51	7.50	ppb
Molybdenum	94-1	0.23	0.24	0.15	0.21	22.94	ppb
Molybdenum	95-1	0.30	0.25	0.24	0.26	13.44	ppb
Molybdenum	96-1	0.30	0.27	0.27	0.28	6.74	ppb
Molybdenum	97-1	0.34	0.30	0.24	0.30	15.76	ppb
Molybdenum	98-1	0.28	0.28	0.26	0.28	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.67	4.98	4.89	4.85	3.25	ppb
Phosphorus	31-2	244.54	302.73	324.74	290.67	14.26	ppb
Potassium	39-2	2038.99	2126.41	2055.23	2073.54	2.24	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	-1.56	3.19	-1.56	0.03	10708.28	ppb
Selenium	78-2	-0.77	-0.77	-0.77	-0.77		ppb
Selenium	82-1	-0.05	0.37	-0.27	0.02	1702.19	ppb
Silicon	28-1	3511.96	3479.76	3474.18	3488.63	0.58	ppb
Silver	109-1	0.22	0.21	0.24	0.22	7.00	ppb
Silver	107-1	0.20	0.22	0.23	0.22	6.61	ppb
Sodium	23-2	4921.08	5253.99	5217.24	5130.77	3.56	ppb
Strontium	86-1	33.57	33.05	33.09	33.24	0.88	ppb
Strontium	88-1	33.83	33.86	33.32	33.67	0.90	ppb
Sulfur	34-1	-1744.66	-1820.78	-1655.69	-1740.38		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	0.18	0.20	0.22	0.20	11.08	ppb
Thallium	205-1	0.18	0.18	0.20	0.19	5.08	ppb
Tin	118-1	1.33	1.34	1.30	1.32	1.42	ppb
Titanium	47-1	0.49	0.58	0.55	0.54	8.20	ppb
Uranium	238-1	0.08	0.09	0.10	0.09	6.44	ppb
Vanadium	51-2	0.13	0.14	0.16	0.14	10.70	ppb
Yttrium	89-1				108		%
Yttrium	89-2				100		%
Zinc	66-2	33.28	35.97	32.90	34.05	4.91	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01DUP	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185DU	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:24:39	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.02	0.02	32.77	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	89.98	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01LX5	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-12 13:28:01	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.61	6.87	8.27	9.25	32.36	ppb
Antimony	121-1	0.29	0.24	0.25	0.26	10.13	ppb
Arsenic	75-1	1.30	1.40	1.37	1.36	3.74	ppb
Barium	135-1	0.40	0.41	0.34	0.38	8.96	ppb
Barium	137-1	0.38	0.32	0.38	0.36	10.30	ppb
Beryllium	9-1	0.12	0.13	0.17	0.14	22.01	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	9.99	9.26	10.14	9.80	4.77	ppb
Boron	11-1	8.91	8.78	8.91	8.87	0.88	ppb
Cadmium	111-1	-0.06	-0.04	-0.03	-0.04		ppb
Cadmium	106-1	-1.16	-0.80	-0.64	-0.86		ppb
Cadmium	108-1	0.05	0.02	0.02	0.03	45.13	ppb
Calcium	43-1	1690.66	1705.39	1734.37	1710.14	1.30	ppb
Calcium	44-1	1730.93	1736.27	1719.18	1728.79	0.51	ppb
Chromium	52-2	0.15	0.21	0.20	0.19	16.62	ppb
Cobalt	59-2	0.06	0.07	0.06	0.06	12.36	ppb
Copper	63-2	1.85	1.86	1.80	1.84	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	2.54	2.58	2.63	2.58	1.74	ppb
Iron	57-2	2.82	2.02	-1.39	1.15	194.62	ppb
Krypton	83-1	284.02	2647.24	2517.44	1816.23	73.15	ppb
Lead	206-1	7.48	7.42	7.49	7.47	0.49	ppb
Lead	207-1	6.90	6.95	6.88	6.91	0.50	ppb
Lead	208-1	7.16	7.17	7.15	7.16	0.11	ppb
Lithium	6-1				95		%
Magnesium	24-2	289.88	304.68	287.47	294.01	3.17	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01LX5	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-12 13:28:01	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.19	0.39	0.40	0.33	37.50	ppb
Molybdenum	94-1	0.14	0.22	0.17	0.18	21.71	ppb
Molybdenum	95-1	0.12	0.16	0.21	0.17	26.74	ppb
Molybdenum	96-1	0.13	0.15	0.16	0.15	8.25	ppb
Molybdenum	97-1	0.17	0.18	0.15	0.16	8.83	ppb
Molybdenum	98-1	0.14	0.13	0.16	0.15	10.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.12	1.10	1.11	1.35	ppb
Phosphorus	31-2	40.06	40.55	17.05	32.55	41.24	ppb
Potassium	39-2	477.97	459.90	442.78	460.22	3.82	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				88		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	4.12	0.08	0.06	1.42	164.70	ppb
Selenium	82-1	0.13	-0.32	-0.42	-0.20		ppb
Silicon	28-1	713.08	712.02	729.88	718.33	1.39	ppb
Silver	109-1	0.09	0.09	0.10	0.10	1.24	ppb
Silver	107-1	0.10	0.10	0.09	0.10	5.58	ppb
Sodium	23-2	1110.18	1085.52	1142.43	1112.71	2.56	ppb
Strontium	86-1	6.70	6.83	6.78	6.77	1.00	ppb
Strontium	88-1	6.88	6.85	6.88	6.87	0.22	ppb
Sulfur	34-1	-2223.95	-2280.00	-2205.34	-2236.43		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.07	0.07	0.07	1.54	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	10.80	ppb
Tin	118-1	0.26	0.25	0.24	0.25	2.64	ppb
Titanium	47-1	0.17	0.18	0.16	0.17	6.94	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	13.44	ppb
Vanadium	51-2	0.06	0.02	0.05	0.04	55.74	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	6.53	7.42	6.33	6.76	8.61	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01LX5	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-12 13:28:01	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.02	32.48	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	59.09	ppb

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : J5396-01MS Instrumnet Name : P8
 Client Sample ID : 381003737-PBCU185MS Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 13:31:25 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1930.54	1873.29	1857.49	1887.11	2.04	ppb
Antimony	121-1	733.73	737.16	732.55	734.48	0.33	ppb
Arsenic	75-1	798.11	792.26	787.09	792.49	0.70	ppb
Barium	135-1	200.19	204.07	205.52	203.26	1.36	ppb
Barium	137-1	200.89	203.75	205.26	203.30	1.09	ppb
Beryllium	9-1	194.62	189.46	190.50	191.53	1.43	ppb
Bismuth	209-1				114		%
Bismuth	209-2				107		%
Boron	10-1	288.64	285.22	302.12	291.99	3.06	ppb
Boron	11-1	284.10	290.05	294.06	289.40	1.73	ppb
Cadmium	111-1	198.88	199.39	202.02	200.10	0.84	ppb
Cadmium	106-1	168.03	171.54	178.90	172.82	3.21	ppb
Cadmium	108-1	181.69	185.56	184.09	183.78	1.06	ppb
Calcium	43-1	9343.87	9374.93	9088.65	9269.15	1.69	ppb
Calcium	44-1	9365.34	9439.08	9198.53	9334.32	1.32	ppb
Chromium	52-2	412.70	404.98	407.29	408.32	0.97	ppb
Cobalt	59-2	211.06	207.45	205.54	208.02	1.35	ppb
Copper	63-2	334.83	327.55	326.77	329.71	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				114		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	56-2	3164.28	3068.25	3122.71	3118.42	1.54	ppb
Iron	57-2	3010.20	3011.15	2956.51	2992.62	1.05	ppb
Krypton	83-1	-3187.02	-912.34	-2883.51	-2327.62		ppb
Lead	206-1	1021.75	1017.66	1016.25	1018.55	0.28	ppb
Lead	207-1	1003.55	996.10	989.40	996.35	0.71	ppb
Lead	208-1	1013.54	1008.07	1003.20	1008.27	0.51	ppb
Lithium	6-1				104		%
Magnesium	24-2	3350.87	3317.24	3293.17	3320.43	0.87	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01MS	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:31:25	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	204.88	198.69	201.00	201.53	1.55	ppb
Molybdenum	94-1	262.53	266.01	267.48	265.34	0.96	ppb
Molybdenum	95-1	377.47	386.42	380.58	381.49	1.19	ppb
Molybdenum	96-1	364.88	372.63	376.60	371.37	1.60	ppb
Molybdenum	97-1	368.10	377.03	373.68	372.93	1.21	ppb
Molybdenum	98-1	380.00	386.52	386.02	384.18	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	541.01	531.51	530.27	534.26	1.10	ppb
Phosphorus	31-2	6314.54	6201.48	6244.02	6253.35	0.91	ppb
Potassium	39-2	11987.01	11764.79	11609.41	11787.07	1.61	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	1899.88	1905.47	1832.59	1879.31	2.16	ppb
Selenium	78-2	2065.16	1996.43	2025.44	2029.01	1.70	ppb
Selenium	82-1	1998.67	2021.49	2038.47	2019.54	0.99	ppb
Silicon	28-1	4344.30	4334.65	4285.64	4321.53	0.73	ppb
Silver	109-1	73.88	74.99	75.22	74.70	0.96	ppb
Silver	107-1	73.80	75.36	75.94	75.04	1.47	ppb
Sodium	23-2	8105.36	7966.11	7947.96	8006.48	1.08	ppb
Strontium	86-1	220.12	222.36	222.89	221.79	0.66	ppb
Strontium	88-1	225.34	226.75	228.22	226.77	0.64	ppb
Sulfur	34-1	-1972.43	-2041.31	-2102.82	-2038.85		ppb
Terbium	159-1				113		%
Terbium	159-2				107		%
Thallium	203-1	1940.41	1938.56	1941.15	1940.04	0.07	ppb
Thallium	205-1	1945.55	1946.08	1933.74	1941.79	0.36	ppb
Tin	118-1	681.78	689.75	680.44	683.99	0.74	ppb
Titanium	47-1	195.33	193.24	190.96	193.18	1.13	ppb
Uranium	238-1	0.09	0.09	0.08	0.09	7.46	ppb
Vanadium	51-2	309.83	302.59	300.70	304.38	1.58	ppb
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	253.73	249.17	241.99	248.29	2.38	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01MS	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:31:25	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.92	0.65	0.58	0.72	25.04	ppb
Zirconium	91-1	1.14	0.88	0.73	0.92	22.58	ppb

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : J5396-01MSD Instrumnet Name : P8
 Client Sample ID : 381003737-PBCU185MS Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 13:34:42 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1880.18	1931.98	1874.33	1895.50	1.67	ppb
Antimony	121-1	737.90	734.48	728.28	733.55	0.66	ppb
Arsenic	75-1	798.66	796.87	803.37	799.63	0.42	ppb
Barium	135-1	203.65	202.21	204.06	203.31	0.48	ppb
Barium	137-1	204.37	202.32	202.72	203.14	0.53	ppb
Beryllium	9-1	191.78	194.78	193.40	193.32	0.78	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Boron	10-1	289.06	303.96	294.06	295.70	2.56	ppb
Boron	11-1	290.79	301.59	298.48	296.95	1.87	ppb
Cadmium	111-1	200.54	198.93	198.08	199.18	0.63	ppb
Cadmium	106-1	174.35	175.50	166.39	172.08	2.88	ppb
Cadmium	108-1	185.81	182.27	186.85	184.97	1.30	ppb
Calcium	43-1	9464.53	9325.41	9266.06	9352.00	1.09	ppb
Calcium	44-1	9427.97	9378.86	9441.61	9416.15	0.35	ppb
Chromium	52-2	406.18	416.44	411.18	411.27	1.25	ppb
Cobalt	59-2	207.73	210.56	209.92	209.40	0.71	ppb
Copper	63-2	329.43	338.54	335.44	334.47	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	56-2	3075.71	3182.83	3167.59	3142.05	1.84	ppb
Iron	57-2	2987.62	2992.99	3057.71	3012.77	1.29	ppb
Krypton	83-1	-3506.30	-3324.09	1551.89	-1759.50		ppb
Lead	206-1	1032.52	1023.42	1016.73	1024.22	0.77	ppb
Lead	207-1	1010.33	999.77	991.92	1000.67	0.92	ppb
Lead	208-1	1024.15	1016.43	1006.92	1015.83	0.85	ppb
Lithium	6-1				102		%
Magnesium	24-2	3362.91	3402.51	3355.50	3373.64	0.75	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01MSD	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:34:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	204.44	208.75	205.13	206.10	1.12	ppb
Molybdenum	94-1	264.64	265.34	265.06	265.01	0.13	ppb
Molybdenum	95-1	383.37	388.92	390.12	387.47	0.93	ppb
Molybdenum	96-1	374.93	374.34	376.19	375.16	0.25	ppb
Molybdenum	97-1	375.74	375.14	374.00	374.96	0.24	ppb
Molybdenum	98-1	385.74	385.41	385.48	385.54	0.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.77	545.07	541.91	539.92	1.18	ppb
Phosphorus	31-2	5920.18	6744.40	6725.85	6463.48	7.28	ppb
Potassium	39-2	11606.71	11716.05	11730.62	11684.46	0.58	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	1835.88	1905.15	1841.94	1860.99	2.06	ppb
Selenium	78-2	2021.44	1916.07	2079.77	2005.76	4.14	ppb
Selenium	82-1	2024.55	2026.40	2022.62	2024.52	0.09	ppb
Silicon	28-1	4358.81	4296.00	4352.44	4335.75	0.80	ppb
Silver	109-1	75.11	74.99	73.84	74.65	0.94	ppb
Silver	107-1	75.27	74.97	74.86	75.04	0.28	ppb
Sodium	23-2	7970.61	8208.72	8039.98	8073.10	1.52	ppb
Strontium	86-1	221.65	223.75	223.29	222.90	0.50	ppb
Strontium	88-1	225.32	225.92	225.76	225.66	0.14	ppb
Sulfur	34-1	-2118.11	-2099.04	-2092.32	-2103.15		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	1971.28	1941.74	1931.91	1948.31	1.05	ppb
Thallium	205-1	1971.22	1949.50	1940.45	1953.72	0.81	ppb
Tin	118-1	686.53	682.49	689.20	686.07	0.49	ppb
Titanium	47-1	197.51	191.80	196.87	195.39	1.60	ppb
Uranium	238-1	0.10	0.09	0.09	0.09	4.97	ppb
Vanadium	51-2	301.52	309.32	302.74	304.52	1.38	ppb
Yttrium	89-1				107		%
Yttrium	89-2				97		%
Zinc	66-2	249.66	254.60	248.76	251.01	1.25	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01MSD	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:34:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.24	0.23	0.25	11.59	ppb
Zirconium	91-1	0.45	0.40	0.32	0.39	16.14	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01A	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:38:00	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1889.42	1825.91	1881.20	1865.51	1.85	ppb
Antimony	121-1	744.55	726.70	713.58	728.28	2.13	ppb
Arsenic	75-1	811.87	807.50	803.37	807.58	0.53	ppb
Barium	135-1	203.05	203.34	200.60	202.33	0.74	ppb
Barium	137-1	205.28	201.65	201.01	202.65	1.14	ppb
Beryllium	9-1	191.37	190.18	189.09	190.21	0.60	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Boron	10-1	300.23	301.06	298.16	299.82	0.50	ppb
Boron	11-1	291.88	298.23	302.24	297.45	1.76	ppb
Cadmium	111-1	199.37	198.72	195.85	197.98	0.95	ppb
Cadmium	106-1	173.49	173.88	171.74	173.04	0.66	ppb
Cadmium	108-1	190.08	184.98	182.25	185.77	2.14	ppb
Calcium	43-1	9405.87	9315.48	9258.49	9326.61	0.80	ppb
Calcium	44-1	9376.27	9380.82	9336.73	9364.61	0.26	ppb
Chromium	52-2	418.86	404.91	411.30	411.69	1.70	ppb
Cobalt	59-2	214.58	205.30	210.94	210.27	2.22	ppb
Copper	63-2	340.65	325.75	335.31	333.90	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	3202.18	3092.94	3124.70	3139.94	1.79	ppb
Iron	57-2	3108.55	2974.88	3028.86	3037.43	2.21	ppb
Krypton	83-1	-576.95	-1109.12	-3665.80	-1783.96		ppb
Lead	206-1	1019.70	1026.30	1016.38	1020.80	0.49	ppb
Lead	207-1	999.37	1002.17	994.52	998.69	0.39	ppb
Lead	208-1	1013.35	1016.98	1010.30	1013.55	0.33	ppb
Lithium	6-1				101		%
Magnesium	24-2	3445.12	3267.61	3384.20	3365.64	2.68	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01A	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:38:00	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	202.27	200.25	200.28	200.93	0.58	ppb
Molybdenum	94-1	267.57	267.37	264.78	266.57	0.58	ppb
Molybdenum	95-1	386.25	387.42	382.55	385.41	0.66	ppb
Molybdenum	96-1	377.38	369.20	369.14	371.91	1.27	ppb
Molybdenum	97-1	374.16	377.47	374.84	375.49	0.47	ppb
Molybdenum	98-1	388.67	390.32	381.80	386.93	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.40	529.23	540.49	539.37	1.79	ppb
Phosphorus	31-2	6521.73	6884.01	5964.19	6456.65	7.18	ppb
Potassium	39-2	11899.19	11495.60	11705.92	11700.24	1.73	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	77-2	1926.65	1842.00	1998.88	1922.51	4.08	ppb
Selenium	78-2	2035.56	2054.48	1963.26	2017.77	2.39	ppb
Selenium	82-1	2027.50	2046.01	2021.35	2031.62	0.63	ppb
Silicon	28-1	4376.88	4362.60	4306.18	4348.55	0.86	ppb
Silver	109-1	75.29	74.08	73.62	74.33	1.16	ppb
Silver	107-1	75.81	74.65	74.12	74.86	1.15	ppb
Sodium	23-2	8084.43	7804.52	8073.51	7987.49	1.98	ppb
Strontium	86-1	224.15	224.24	222.42	223.60	0.46	ppb
Strontium	88-1	228.25	230.22	226.71	228.39	0.77	ppb
Sulfur	34-1	-2156.36	-2200.45	-2148.12	-2168.31		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	1942.40	1953.71	1959.17	1951.76	0.44	ppb
Thallium	205-1	1951.39	1955.99	1948.36	1951.91	0.20	ppb
Tin	118-1	689.40	687.94	677.47	684.93	0.95	ppb
Titanium	47-1	194.55	195.17	194.24	194.65	0.24	ppb
Uranium	238-1	0.09	0.09	0.09	0.09	2.63	ppb
Vanadium	51-2	309.39	299.68	307.25	305.44	1.67	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	260.35	242.92	245.90	249.72	3.73	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01A	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:38:00	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.18	0.16	0.17	8.29	ppb
Zirconium	91-1	0.36	0.34	0.27	0.32	13.89	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-02	Instrumnet Name :	P8
Client Sample ID :	381003738-PBCU36A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:41:18	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	536.05	565.75	547.02	549.61	2.73	ppb
Antimony	121-1	2.52	2.56	2.45	2.51	2.31	ppb
Arsenic	75-1	5.97	6.34	6.41	6.24	3.75	ppb
Barium	135-1	5.68	5.69	5.54	5.64	1.47	ppb
Barium	137-1	5.48	5.77	5.51	5.58	2.83	ppb
Beryllium	9-1	2.76	2.52	2.46	2.58	6.20	ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Boron	10-1	28.44	27.19	27.61	27.74	2.29	ppb
Boron	11-1	28.21	28.88	26.83	27.97	3.74	ppb
Cadmium	111-1	2.13	2.11	2.11	2.12	0.64	ppb
Cadmium	106-1	1.57	1.82	1.13	1.51	23.09	ppb
Cadmium	108-1	2.26	2.25	2.17	2.23	2.01	ppb
Calcium	43-1	9104.07	9241.14	9204.45	9183.22	0.77	ppb
Calcium	44-1	9273.81	9276.81	9388.52	9313.05	0.70	ppb
Chromium	52-2	1.58	1.56	1.53	1.56	1.43	ppb
Cobalt	59-2	182.02	182.54	184.42	183.00	0.69	ppb
Copper	63-2	1228.83	1222.09	1226.55	1225.82	0.28	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				113		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	56-2	1655.41	1647.53	1678.06	1660.34	0.95	ppb
Iron	57-2	1647.48	1650.45	1655.58	1651.17	0.25	ppb
Krypton	83-1	-4082.17	-5207.89	-5673.43	-4987.83		ppb
Lead	206-1	127.71	126.73	127.60	127.35	0.42	ppb
Lead	207-1	117.39	116.62	116.57	116.86	0.39	ppb
Lead	208-1	123.29	122.93	122.88	123.03	0.18	ppb
Lithium	6-1				101		%
Magnesium	24-2	1867.03	1863.10	1871.53	1867.22	0.23	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-02	Instrumnet Name :	P8
Client Sample ID :	381003738-PBCU36A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:41:18	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	122.85	123.34	125.63	123.94	1.20	ppb
Molybdenum	94-1	0.74	0.70	0.69	0.71	3.31	ppb
Molybdenum	95-1	0.57	0.47	0.44	0.49	13.61	ppb
Molybdenum	96-1	0.59	0.53	0.48	0.53	10.26	ppb
Molybdenum	97-1	0.54	0.51	0.39	0.48	16.80	ppb
Molybdenum	98-1	0.48	0.51	0.48	0.49	3.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	165.50	166.13	167.47	166.37	0.60	ppb
Phosphorus	31-2	585.42	680.77	765.03	677.07	13.27	ppb
Potassium	39-2	2089.67	2078.92	2113.20	2093.93	0.84	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	77-2	12.70	26.40	31.89	23.66	41.75	ppb
Selenium	78-2	8.69	5.41	5.56	6.55	28.22	ppb
Selenium	82-1	1.19	1.16	1.13	1.16	2.47	ppb
Silicon	28-1	4142.56	4142.83	4121.12	4135.51	0.30	ppb
Silver	109-1	0.16	0.20	0.17	0.18	11.78	ppb
Silver	107-1	0.17	0.19	0.17	0.18	6.80	ppb
Sodium	23-2	5176.72	5189.25	5252.30	5206.09	0.78	ppb
Strontium	86-1	31.98	32.88	32.33	32.40	1.40	ppb
Strontium	88-1	32.77	33.15	32.78	32.90	0.65	ppb
Sulfur	34-1	-1987.02	-1918.58	-1812.29	-1905.96		ppb
Terbium	159-1				113		%
Terbium	159-2				106		%
Thallium	203-1	0.62	0.60	0.55	0.59	6.30	ppb
Thallium	205-1	0.63	0.58	0.61	0.61	4.15	ppb
Tin	118-1	3.19	3.23	3.05	3.16	2.94	ppb
Titanium	47-1	9.15	8.60	8.34	8.69	4.77	ppb
Uranium	238-1	1.04	1.08	1.07	1.06	2.15	ppb
Vanadium	51-2	0.49	0.60	0.53	0.54	10.57	ppb
Yttrium	89-1				109		%
Yttrium	89-2				98		%
Zinc	66-2	2160.57	2156.97	2188.75	2168.77	0.80	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-02	Instrumnet Name :	P8
Client Sample ID :	381003738-PBCU36A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:41:18	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.21	0.24	0.24	0.23	7.99	ppb
Zirconium	91-1	2.12	0.27	0.24	0.87	123.13	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:44:40	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51028.86	51159.08	51296.45	51161.47	0.26	ppb
Antimony	121-1	488.21	490.24	520.63	499.69	3.63	ppb
Arsenic	75-1	501.95	490.89	519.99	504.27	2.91	ppb
Barium	135-1	2550.04	2540.45	2645.42	2578.64	2.25	ppb
Barium	137-1	2507.01	2523.44	2643.99	2558.15	2.92	ppb
Beryllium	9-1	504.02	509.35	538.18	517.18	3.55	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	501.47	520.51	552.61	524.86	4.92	ppb
Boron	11-1	508.99	529.37	565.06	534.47	5.31	ppb
Cadmium	111-1	479.68	482.93	504.15	488.92	2.72	ppb
Cadmium	106-1	486.46	488.08	514.01	496.19	3.12	ppb
Cadmium	108-1	488.09	490.62	519.89	499.53	3.54	ppb
Calcium	43-1	242519.84	236610.51	250711.11	243280.49	2.91	ppb
Calcium	44-1	243535.92	241083.27	251135.35	245251.51	2.14	ppb
Chromium	52-2	541.57	544.99	540.74	542.43	0.41	ppb
Cobalt	59-2	507.09	508.22	505.17	506.83	0.30	ppb
Copper	63-2	990.90	992.56	989.89	991.12	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	126029.22	125915.40	125164.52	125703.05	0.37	ppb
Iron	57-2	125333.37	127743.03	127110.32	126728.91	0.99	ppb
Krypton	83-1	-1472.19	230.17	3435.24	731.08	340.84	ppb
Lead	206-1	523.13	518.96	532.67	524.92	1.34	ppb
Lead	207-1	517.38	515.89	541.93	525.06	2.78	ppb
Lead	208-1	517.27	515.09	535.88	522.75	2.19	ppb
Lithium	6-1				85		%
Magnesium	24-2	244837.37	244171.03	247122.50	245376.97	0.63	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:44:40	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1029.14	1029.56	1031.94	1030.21	0.15	ppb
Molybdenum	94-1	2536.01	2549.34	2657.57	2580.97	2.58	ppb
Molybdenum	95-1	2527.67	2542.91	2653.57	2574.72	2.67	ppb
Molybdenum	96-1	2547.85	2547.75	2659.09	2584.90	2.49	ppb
Molybdenum	97-1	2530.20	2509.30	2675.10	2571.53	3.51	ppb
Molybdenum	98-1	2531.03	2528.64	2678.20	2579.29	3.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.80	523.79	522.98	524.19	0.28	ppb
Phosphorus	31-2	10373.52	10461.30	10432.33	10422.38	0.43	ppb
Potassium	39-2	122143.44	122536.07	123312.46	122663.99	0.48	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				86		%
Selenium	77-2	479.02	552.16	492.94	508.04	7.64	ppb
Selenium	78-2	497.01	495.15	514.69	502.28	2.15	ppb
Selenium	82-1	492.24	494.16	522.38	502.93	3.36	ppb
Silicon	28-1	546.95	525.57	556.88	543.13	2.95	ppb
Silver	109-1	494.69	495.85	520.67	503.74	2.91	ppb
Silver	107-1	492.67	493.01	519.84	501.84	3.11	ppb
Sodium	23-2	245115.83	246307.78	246617.37	246013.66	0.32	ppb
Strontium	86-1	496.99	496.68	524.18	505.95	3.12	ppb
Strontium	88-1	502.45	500.04	531.88	511.46	3.47	ppb
Sulfur	34-1	9170.39	8884.64	9905.57	9320.20	5.65	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	519.76	511.49	532.64	521.29	2.05	ppb
Thallium	205-1	512.51	510.75	527.26	516.84	1.75	ppb
Tin	118-1	507.30	511.01	525.23	514.51	1.84	ppb
Titanium	47-1	2591.21	2539.87	2657.43	2596.17	2.27	ppb
Uranium	238-1	524.33	523.98	548.64	532.31	2.66	ppb
Vanadium	51-2	517.71	521.86	519.72	519.77	0.40	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	1022.30	1020.56	1016.08	1019.65	0.31	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:44:40	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	507.74	505.41	538.11	517.09	3.53	ppb
Zirconium	91-1	513.12	512.55	528.64	518.11	1.76	ppb

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : CCB97 Instrumnet Name : P8
 Client Sample ID : CCB97 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 13:47:53 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.41	0.14	0.78	0.78	81.86	ppb
Antimony	121-1	1.32	1.24	1.27	1.28	3.21	ppb
Arsenic	75-1	0.38	0.39	0.37	0.38	2.88	ppb
Barium	135-1	0.09	0.06	0.07	0.07	19.27	ppb
Barium	137-1	0.08	0.07	0.04	0.06	34.11	ppb
Beryllium	9-1	0.41	0.34	0.33	0.36	12.06	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	27.02	24.14	22.49	24.55	9.35	ppb
Boron	11-1	26.23	24.04	22.82	24.36	7.09	ppb
Cadmium	111-1	0.11	0.01	0.04	0.05	99.51	ppb
Cadmium	106-1	0.33	-0.86	-0.09	-0.21		ppb
Cadmium	108-1	0.03	0.05	0.05	0.04	36.03	ppb
Calcium	43-1	5.55	4.11	6.21	5.29	20.29	ppb
Calcium	44-1	10.57	7.44	5.46	7.82	32.96	ppb
Chromium	52-2	0.04	0.06	0.14	0.08	63.23	ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	87.99	ppb
Copper	63-2	0.17	0.15	0.20	0.18	15.24	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				104		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	4.89	3.69	4.55	4.37	14.11	ppb
Iron	57-2	3.31	2.84	6.43	4.19	46.56	ppb
Krypton	83-1	985.96	887.35	4081.02	1984.78	91.50	ppb
Lead	206-1	0.06	0.07	0.06	0.06	5.43	ppb
Lead	207-1	0.07	0.06	0.05	0.06	19.90	ppb
Lead	208-1	0.07	0.07	0.06	0.07	11.18	ppb
Lithium	6-1				94		%
Magnesium	24-2	13.65	10.34	9.63	11.21	19.15	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:47:53	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	-0.02	0.05	0.03	135.98	ppb
Molybdenum	94-1	0.94	0.81	0.80	0.85	9.48	ppb
Molybdenum	95-1	0.99	0.93	0.91	0.94	4.34	ppb
Molybdenum	96-1	0.91	0.90	0.82	0.87	5.83	ppb
Molybdenum	97-1	0.91	0.86	0.84	0.87	3.95	ppb
Molybdenum	98-1	1.02	0.86	0.80	0.89	12.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.12	0.12	0.11	19.17	ppb
Phosphorus	31-2	-7.13	-7.13	-7.13	-7.13		ppb
Potassium	39-2	28.61	27.31	44.74	33.55	28.93	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				85		%
Selenium	77-2	-1.56	3.49	-1.56	0.12	2347.18	ppb
Selenium	78-2	0.05	-0.77	0.13	-0.20		ppb
Selenium	82-1	0.04	0.12	-0.32	-0.05		ppb
Silicon	28-1	-1.63	-1.85	-2.37	-1.95		ppb
Silver	109-1	0.09	0.08	0.07	0.08	13.91	ppb
Silver	107-1	0.09	0.09	0.09	0.09	0.97	ppb
Sodium	23-2	36.50	44.06	63.42	47.99	28.93	ppb
Strontium	86-1	0.04	0.02	0.06	0.04	53.84	ppb
Strontium	88-1	0.03	0.01	0.01	0.02	50.70	ppb
Sulfur	34-1	-1270.17	-1213.78	-1104.46	-1196.14		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.20	0.19	0.19	0.19	4.82	ppb
Thallium	205-1	0.21	0.19	0.18	0.20	7.06	ppb
Tin	118-1	0.39	0.42	0.29	0.37	18.64	ppb
Titanium	47-1	0.14	0.21	0.09	0.15	41.08	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	20.00	ppb
Vanadium	51-2	0.03	0.01	0.00	0.01	144.05	ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	0.10	0.15	0.34	0.20	64.17	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:47:53	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.14	0.16	0.15	6.69	ppb
Zirconium	91-1	0.12	0.11	0.13	0.12	6.83	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-03	Instrumnet Name :	P8
Client Sample ID :	381003739-PBCU36B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:51:16	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.59	49.35	46.74	45.56	9.86	ppb
Antimony	121-1	0.77	0.72	0.78	0.76	4.33	ppb
Arsenic	75-1	3.33	3.59	3.72	3.55	5.66	ppb
Barium	135-1	1.91	1.92	1.91	1.91	0.37	ppb
Barium	137-1	1.91	1.95	1.93	1.93	1.03	ppb
Beryllium	9-1	0.33	0.28	0.28	0.30	10.58	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Boron	10-1	18.01	14.97	16.28	16.42	9.29	ppb
Boron	11-1	17.32	18.33	17.54	17.73	3.00	ppb
Cadmium	111-1	0.02	0.02	0.01	0.02	28.97	ppb
Cadmium	106-1	-1.34	-0.93	-1.12	-1.13		ppb
Cadmium	108-1	0.09	0.21	0.21	0.17	40.92	ppb
Calcium	43-1	7697.75	7832.27	7719.93	7749.98	0.93	ppb
Calcium	44-1	7788.08	7909.61	7783.39	7827.03	0.91	ppb
Chromium	52-2	1.38	1.21	1.25	1.28	7.05	ppb
Cobalt	59-2	0.15	0.14	0.12	0.14	14.28	ppb
Copper	63-2	34.28	34.99	35.00	34.76	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				100		%
Iron	56-2	11.54	12.09	11.34	11.66	3.31	ppb
Iron	57-2	9.86	10.98	14.37	11.74	20.03	ppb
Krypton	83-1	-4459.74	-4376.76	-2230.64	-3689.04		ppb
Lead	206-1	63.00	62.86	63.45	63.10	0.49	ppb
Lead	207-1	53.45	53.53	54.18	53.72	0.74	ppb
Lead	208-1	57.24	57.39	57.97	57.53	0.67	ppb
Lithium	6-1				103		%
Magnesium	24-2	1216.78	1247.88	1194.15	1219.60	2.21	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-03	Instrumnet Name :	P8
Client Sample ID :	381003739-PBCU36B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:51:16	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.17	1.87	2.22	2.09	8.98	ppb
Molybdenum	94-1	0.24	0.25	0.21	0.23	7.57	ppb
Molybdenum	95-1	0.23	0.22	0.24	0.23	5.98	ppb
Molybdenum	96-1	0.27	0.27	0.24	0.26	6.02	ppb
Molybdenum	97-1	0.28	0.21	0.26	0.25	14.89	ppb
Molybdenum	98-1	0.31	0.26	0.23	0.27	14.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.13	18.39	18.46	18.33	0.97	ppb
Phosphorus	31-2	263.17	339.03	201.58	267.93	25.70	ppb
Potassium	39-2	1897.02	2030.57	1900.26	1942.62	3.92	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.82	0.03	0.83	0.56	82.66	ppb
Selenium	82-1	0.34	0.65	0.17	0.39	62.24	ppb
Silicon	28-1	3435.67	3460.05	3398.58	3431.43	0.90	ppb
Silver	109-1	0.12	0.14	0.13	0.13	7.66	ppb
Silver	107-1	0.13	0.15	0.15	0.14	7.38	ppb
Sodium	23-2	4989.15	5067.49	5067.72	5041.45	0.90	ppb
Strontium	86-1	27.70	27.87	27.72	27.76	0.34	ppb
Strontium	88-1	27.78	27.96	28.11	27.95	0.58	ppb
Sulfur	34-1	-928.28	-861.30	-1080.82	-956.80		ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	0.21	0.20	0.19	0.20	5.05	ppb
Thallium	205-1	0.23	0.19	0.19	0.20	10.21	ppb
Tin	118-1	3.28	3.23	3.09	3.20	3.02	ppb
Titanium	47-1	0.35	0.46	0.46	0.42	15.43	ppb
Uranium	238-1	0.07	0.07	0.06	0.07	9.18	ppb
Vanadium	51-2	0.13	0.13	0.16	0.14	11.28	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%
Zinc	66-2	348.60	359.79	354.26	354.22	1.58	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-03	Instrumnet Name :	P8
Client Sample ID :	381003739-PBCU36B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:51:16	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.04	0.03	25.69	ppb
Zirconium	91-1	0.02	0.03	0.04	0.03	32.23	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-04	Instrumnet Name :	P8
Client Sample ID :	381003740-OPW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:54:39	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	129.73	159.22	128.46	139.14	12.51	ppb
Antimony	121-1	0.67	0.73	0.76	0.72	6.28	ppb
Arsenic	75-1	4.78	5.18	5.25	5.07	5.05	ppb
Barium	135-1	31.30	30.68	30.84	30.94	1.03	ppb
Barium	137-1	30.81	30.95	31.19	30.99	0.63	ppb
Beryllium	9-1	0.40	0.51	0.39	0.43	15.61	ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Boron	10-1	15.31	14.96	14.62	14.96	2.30	ppb
Boron	11-1	14.64	14.41	14.33	14.46	1.14	ppb
Cadmium	111-1	0.75	0.85	0.80	0.80	6.65	ppb
Cadmium	106-1	-0.08	0.93	0.23	0.36	142.58	ppb
Cadmium	108-1	1.22	1.26	1.37	1.28	5.96	ppb
Calcium	43-1	2805.03	2828.76	2840.34	2824.71	0.64	ppb
Calcium	44-1	2838.40	2864.77	2822.65	2841.94	0.75	ppb
Chromium	52-2	0.33	0.53	0.30	0.39	32.70	ppb
Cobalt	59-2	20.24	22.12	19.93	20.76	5.72	ppb
Copper	63-2	102.30	112.93	100.76	105.33	6.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				95		%
Iron	56-2	239.87	245.61	221.40	235.63	5.37	ppb
Iron	57-2	224.84	240.58	211.90	225.77	6.36	ppb
Krypton	83-1	-5141.31	-2490.07	-3549.12	-3726.83		ppb
Lead	206-1	11.28	11.24	11.06	11.19	1.04	ppb
Lead	207-1	10.29	10.29	10.45	10.35	0.91	ppb
Lead	208-1	10.69	10.74	10.65	10.69	0.39	ppb
Lithium	6-1				103		%
Magnesium	24-2	1252.42	1416.18	1230.38	1299.66	7.81	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-04	Instrumnet Name :	P8
Client Sample ID :	381003740-OPW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:54:39	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	17.37	18.29	16.80	17.49	4.30	ppb
Molybdenum	94-1	0.13	0.10	0.12	0.12	13.08	ppb
Molybdenum	95-1	0.13	0.13	0.13	0.13	3.19	ppb
Molybdenum	96-1	0.14	0.12	0.15	0.14	8.87	ppb
Molybdenum	97-1	0.14	0.15	0.12	0.14	11.90	ppb
Molybdenum	98-1	0.14	0.16	0.12	0.14	14.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.92	51.68	45.89	48.16	6.42	ppb
Phosphorus	31-2	-7.13	-7.13	16.56	0.77	1779.51	ppb
Potassium	39-2	1213.21	1376.36	1180.33	1256.63	8.35	ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				86		%
Selenium	77-2	-1.56	9.06	3.41	3.63	146.13	ppb
Selenium	78-2	2.50	-0.77	-0.77	0.32	590.71	ppb
Selenium	82-1	0.80	0.02	0.34	0.38	101.88	ppb
Silicon	28-1	3459.80	3449.56	3380.75	3430.04	1.25	ppb
Silver	109-1	0.95	0.95	0.94	0.95	0.58	ppb
Silver	107-1	0.91	0.96	0.97	0.95	3.25	ppb
Sodium	23-2	5454.79	5991.97	5299.73	5582.16	6.51	ppb
Strontium	86-1	29.20	29.69	29.15	29.35	1.03	ppb
Strontium	88-1	29.84	29.93	29.74	29.83	0.33	ppb
Sulfur	34-1	-416.95	-252.06	-484.85	-384.62		ppb
Terbium	159-1				113		%
Terbium	159-2				103		%
Thallium	203-1	0.40	0.41	0.41	0.41	2.20	ppb
Thallium	205-1	0.40	0.41	0.41	0.41	1.46	ppb
Tin	118-1	8.04	8.01	8.86	8.30	5.85	ppb
Titanium	47-1	0.23	0.20	0.21	0.21	8.73	ppb
Uranium	238-1	0.80	0.80	0.76	0.79	2.67	ppb
Vanadium	51-2	0.41	0.52	0.61	0.52	19.74	ppb
Yttrium	89-1				106		%
Yttrium	89-2				92		%
Zinc	66-2	1288.61	1424.86	1282.99	1332.15	6.03	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-04	Instrumnet Name :	P8
Client Sample ID :	381003740-OPW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:54:39	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.03	0.02	0.02	81.02	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	94.67	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-05	Instrumnet Name :	P8
Client Sample ID :	381003741-OPW-2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:58:02	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.82	29.19	32.88	32.30	8.86	ppb
Antimony	121-1	0.39	0.42	0.42	0.41	4.51	ppb
Arsenic	75-1	5.54	5.66	5.92	5.71	3.43	ppb
Barium	135-1	41.96	42.56	42.46	42.33	0.76	ppb
Barium	137-1	41.65	41.45	42.79	41.97	1.73	ppb
Beryllium	9-1	0.46	0.51	0.57	0.51	11.32	ppb
Bismuth	209-1				116		%
Bismuth	209-2				109		%
Boron	10-1	12.07	11.57	12.44	12.03	3.66	ppb
Boron	11-1	13.23	11.86	13.12	12.74	5.99	ppb
Cadmium	111-1	0.24	0.25	0.26	0.25	4.36	ppb
Cadmium	106-1	-0.82	-0.91	-0.86	-0.86		ppb
Cadmium	108-1	0.33	0.41	0.31	0.35	14.49	ppb
Calcium	43-1	3580.60	3552.56	3627.35	3586.84	1.05	ppb
Calcium	44-1	3650.55	3562.25	3637.40	3616.74	1.32	ppb
Chromium	52-2	1.58	1.54	1.60	1.58	2.08	ppb
Cobalt	59-2	19.99	20.28	20.02	20.10	0.78	ppb
Copper	63-2	218.11	223.17	224.63	221.97	1.54	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				113		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	218.21	219.35	224.74	220.76	1.58	ppb
Iron	57-2	226.19	241.70	216.17	228.02	5.64	ppb
Krypton	83-1	-1450.02	-1747.66	-744.47	-1314.05		ppb
Lead	206-1	11.88	11.86	11.86	11.87	0.08	ppb
Lead	207-1	10.55	10.71	10.67	10.65	0.78	ppb
Lead	208-1	11.21	11.18	11.26	11.22	0.36	ppb
Lithium	6-1				103		%
Magnesium	24-2	1381.09	1413.12	1399.05	1397.75	1.15	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-05	Instrumnet Name :	P8
Client Sample ID :	381003741-OPW-2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:58:02	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	19.25	19.33	19.03	19.20	0.83	ppb
Molybdenum	94-1	0.07	0.13	0.11	0.10	28.77	ppb
Molybdenum	95-1	0.07	0.07	0.05	0.07	17.40	ppb
Molybdenum	96-1	0.07	0.10	0.09	0.08	20.09	ppb
Molybdenum	97-1	0.08	0.05	0.06	0.06	24.90	ppb
Molybdenum	98-1	0.11	0.09	0.09	0.10	15.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.20	25.68	26.34	26.07	1.33	ppb
Phosphorus	31-2	-7.13	-7.13	-7.13	-7.13		ppb
Potassium	39-2	1381.03	1419.16	1387.57	1395.92	1.46	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				89		%
Selenium	77-2	-1.56	3.19	-1.56	0.02	11569.47	ppb
Selenium	78-2	1.63	-0.77	0.90	0.59	209.92	ppb
Selenium	82-1	-0.13	0.17	-0.13	-0.03		ppb
Silicon	28-1	3476.60	3472.83	3486.71	3478.71	0.21	ppb
Silver	109-1	0.15	0.15	0.15	0.15	2.86	ppb
Silver	107-1	0.14	0.14	0.16	0.15	7.19	ppb
Sodium	23-2	4908.14	4910.30	5007.56	4942.00	1.15	ppb
Strontium	86-1	46.42	46.63	46.54	46.53	0.22	ppb
Strontium	88-1	47.05	46.34	47.07	46.82	0.88	ppb
Sulfur	34-1	-2178.19	-2399.51	-2156.56	-2244.75		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.22	0.24	0.23	0.23	4.04	ppb
Thallium	205-1	0.24	0.23	0.25	0.24	2.65	ppb
Tin	118-1	0.29	0.35	0.38	0.34	13.02	ppb
Titanium	47-1	0.14	0.20	0.28	0.21	34.32	ppb
Uranium	238-1	0.53	0.54	0.54	0.53	1.44	ppb
Vanadium	51-2	0.06	0.07	0.08	0.07	14.12	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	140.98	140.51	140.99	140.83	0.20	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-05	Instrumnet Name :	P8
Client Sample ID :	381003741-OPW-2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:58:02	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.01	46.42	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	839.63	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-01	Instrumnet Name :	P8
Client Sample ID :	381003732-PBCU180	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:01:25	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62.47	59.54	51.74	57.91	9.58	ppb
Antimony	121-1	0.40	0.43	0.44	0.43	4.67	ppb
Arsenic	75-1	5.68	6.04	6.22	5.98	4.63	ppb
Barium	135-1	1.25	1.21	1.39	1.28	7.70	ppb
Barium	137-1	1.17	1.20	1.21	1.19	1.67	ppb
Beryllium	9-1	0.23	0.27	0.30	0.27	12.72	ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Boron	10-1	12.98	13.77	12.31	13.02	5.62	ppb
Boron	11-1	11.37	11.26	11.67	11.44	1.85	ppb
Cadmium	111-1	0.07	-0.06	0.04	0.02	374.03	ppb
Cadmium	106-1	-0.54	-2.01	-0.62	-1.06		ppb
Cadmium	108-1	0.02	0.07	0.12	0.07	71.04	ppb
Calcium	43-1	7003.58	7084.49	7011.95	7033.34	0.63	ppb
Calcium	44-1	7194.91	7131.63	7131.38	7152.64	0.51	ppb
Chromium	52-2	0.99	0.99	0.97	0.98	1.39	ppb
Cobalt	59-2	0.88	0.85	0.93	0.89	4.41	ppb
Copper	63-2	11.71	11.43	11.77	11.63	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	56-2	7.26	7.51	8.18	7.65	6.18	ppb
Iron	57-2	7.40	7.03	9.35	7.93	15.70	ppb
Krypton	83-1	-5459.83	-8463.97	-1891.44	-5271.75		ppb
Lead	206-1	0.21	0.20	0.20	0.20	2.74	ppb
Lead	207-1	0.20	0.17	0.18	0.18	8.43	ppb
Lead	208-1	0.20	0.19	0.18	0.19	3.73	ppb
Lithium	6-1				103		%
Magnesium	24-2	1249.98	1234.43	1272.75	1252.39	1.54	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-01	Instrumnet Name :	P8
Client Sample ID :	381003732-PBCU180	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:01:25	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.20	1.57	1.79	1.85	17.10	ppb
Molybdenum	94-1	0.10	0.09	0.07	0.09	18.09	ppb
Molybdenum	95-1	0.09	0.06	0.09	0.08	20.35	ppb
Molybdenum	96-1	0.07	0.07	0.07	0.07	3.90	ppb
Molybdenum	97-1	0.07	0.11	0.09	0.09	24.13	ppb
Molybdenum	98-1	0.08	0.08	0.09	0.08	10.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.18	8.60	8.72	8.50	3.29	ppb
Phosphorus	31-2	297.25	416.91	376.48	363.55	16.74	ppb
Potassium	39-2	2038.75	1980.38	1991.42	2003.52	1.55	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.81	-0.77	-0.77	-0.24		ppb
Selenium	82-1	0.66	0.85	0.13	0.55	68.00	ppb
Silicon	28-1	3370.41	3373.22	3365.78	3369.80	0.11	ppb
Silver	109-1	0.10	0.12	0.11	0.11	7.92	ppb
Silver	107-1	0.10	0.11	0.12	0.11	9.07	ppb
Sodium	23-2	5077.65	5097.06	5195.31	5123.34	1.23	ppb
Strontium	86-1	30.10	30.37	30.07	30.18	0.55	ppb
Strontium	88-1	30.90	30.88	30.57	30.78	0.60	ppb
Sulfur	34-1	-2057.11	-1982.03	-1968.24	-2002.46		ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	0.05	0.07	0.07	0.06	15.31	ppb
Thallium	205-1	0.07	0.06	0.08	0.07	10.20	ppb
Tin	118-1	0.10	0.09	0.08	0.09	12.18	ppb
Titanium	47-1	0.38	0.52	0.43	0.44	16.29	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	1.12	ppb
Vanadium	51-2	0.22	0.15	0.20	0.19	18.13	ppb
Yttrium	89-1				105		%
Yttrium	89-2				96		%
Zinc	66-2	53.73	53.61	54.29	53.88	0.67	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-01	Instrumnet Name :	P8
Client Sample ID :	381003732-PBCU180	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:01:25	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	10.64	ppb
Zirconium	91-1	0.04	0.02	0.00	0.02	78.93	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-02	Instrumnet Name :	P8
Client Sample ID :	381003733-PBCU181	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:04:47	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.87	37.51	41.62	39.66	5.20	ppb
Antimony	121-1	0.36	0.34	0.35	0.35	2.12	ppb
Arsenic	75-1	6.27	6.13	6.39	6.26	2.08	ppb
Barium	135-1	1.90	1.87	1.88	1.89	0.81	ppb
Barium	137-1	1.76	1.78	1.74	1.76	0.95	ppb
Beryllium	9-1	0.11	0.12	0.11	0.11	6.61	ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Boron	10-1	9.55	12.33	10.93	10.93	12.69	ppb
Boron	11-1	11.41	10.84	10.87	11.04	2.93	ppb
Cadmium	111-1	-0.10	-0.07	-0.07	-0.08		ppb
Cadmium	106-1	-2.04	-1.46	-1.28	-1.59		ppb
Cadmium	108-1	-0.03	0.09	0.14	0.07	125.83	ppb
Calcium	43-1	8829.73	8715.47	8895.71	8813.64	1.03	ppb
Calcium	44-1	8914.30	8856.33	8900.37	8890.33	0.34	ppb
Chromium	52-2	1.11	0.91	0.98	1.00	9.99	ppb
Cobalt	59-2	0.21	0.20	0.19	0.20	4.69	ppb
Copper	63-2	5.13	5.11	5.12	5.12	0.19	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				115		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				99		%
Iron	56-2	8.52	8.75	8.70	8.66	1.41	ppb
Iron	57-2	10.20	7.98	4.07	7.42	41.84	ppb
Krypton	83-1	-7143.54	-3123.29	-2125.31	-4130.71		ppb
Lead	206-1	0.08	0.07	0.07	0.07	8.04	ppb
Lead	207-1	0.06	0.06	0.07	0.06	3.64	ppb
Lead	208-1	0.07	0.06	0.07	0.07	8.85	ppb
Lithium	6-1				102		%
Magnesium	24-2	1260.90	1271.26	1225.50	1252.56	1.92	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-02	Instrumnet Name :	P8
Client Sample ID :	381003733-PBCU181	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:04:47	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.19	1.46	1.06	1.24	16.82	ppb
Molybdenum	94-1	0.06	0.07	0.09	0.07	19.11	ppb
Molybdenum	95-1	0.04	0.05	0.02	0.04	41.04	ppb
Molybdenum	96-1	0.03	0.06	0.04	0.05	29.29	ppb
Molybdenum	97-1	0.04	0.03	0.04	0.04	15.17	ppb
Molybdenum	98-1	0.04	0.05	0.03	0.04	26.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.62	1.60	1.60	1.61	0.61	ppb
Phosphorus	31-2	400.13	207.11	298.70	301.98	31.97	ppb
Potassium	39-2	2080.21	2010.02	2009.53	2033.25	2.00	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.86	0.04	0.04	0.32	149.21	ppb
Selenium	82-1	0.69	-0.17	0.16	0.23	192.27	ppb
Silicon	28-1	3375.52	3371.24	3372.34	3373.03	0.07	ppb
Silver	109-1	0.10	0.10	0.12	0.11	12.53	ppb
Silver	107-1	0.09	0.10	0.10	0.10	1.90	ppb
Sodium	23-2	5125.34	5093.87	5024.57	5081.26	1.01	ppb
Strontium	86-1	32.96	33.02	32.63	32.87	0.64	ppb
Strontium	88-1	33.26	33.54	33.48	33.42	0.45	ppb
Sulfur	34-1	-1985.01	-1961.91	-1939.41	-1962.11		ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.04	0.04	0.05	11.38	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	1.42	ppb
Tin	118-1	0.11	0.15	0.15	0.14	14.99	ppb
Titanium	47-1	0.44	0.56	0.55	0.51	13.21	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	2.90	ppb
Vanadium	51-2	0.21	0.17	0.15	0.18	17.70	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	22.21	21.96	21.77	21.98	1.00	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-02	Instrumnet Name :	P8
Client Sample ID :	381003733-PBCU181	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:04:47	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.04	0.02	0.03	42.55	ppb
Zirconium	91-1	0.00	0.07	0.01	0.03	141.83	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-03	Instrumnet Name :	P8
Client Sample ID :	381003734-PBCU182	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:08:10	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.53	31.61	31.82	31.32	2.20	ppb
Antimony	121-1	0.37	0.40	0.41	0.39	5.41	ppb
Arsenic	75-1	6.88	7.06	7.92	7.29	7.58	ppb
Barium	135-1	1.28	1.26	1.29	1.28	1.28	ppb
Barium	137-1	1.40	1.37	1.34	1.37	2.38	ppb
Beryllium	9-1	0.37	0.47	0.45	0.43	11.65	ppb
Bismuth	209-1				116		%
Bismuth	209-2				109		%
Boron	10-1	10.68	10.72	9.85	10.42	4.75	ppb
Boron	11-1	10.63	10.41	10.02	10.35	2.96	ppb
Cadmium	111-1	0.21	0.20	0.25	0.22	13.02	ppb
Cadmium	106-1	-0.87	-0.46	-0.86	-0.73		ppb
Cadmium	108-1	0.16	0.37	0.31	0.28	38.81	ppb
Calcium	43-1	6706.88	6512.89	6637.48	6619.08	1.49	ppb
Calcium	44-1	6796.42	6727.57	6721.57	6748.52	0.62	ppb
Chromium	52-2	0.85	0.97	1.03	0.95	9.35	ppb
Cobalt	59-2	0.41	0.37	0.38	0.39	5.38	ppb
Copper	63-2	9.93	9.68	9.49	9.70	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	7.88	6.69	7.65	7.41	8.50	ppb
Iron	57-2	5.03	7.01	7.79	6.61	21.45	ppb
Krypton	83-1	-3446.49	-1116.06	-1386.55	-1983.03		ppb
Lead	206-1	0.12	0.13	0.13	0.12	4.63	ppb
Lead	207-1	0.10	0.11	0.12	0.11	11.82	ppb
Lead	208-1	0.12	0.13	0.13	0.13	4.70	ppb
Lithium	6-1				102		%
Magnesium	24-2	1369.04	1356.70	1366.61	1364.12	0.48	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-03	Instrumnet Name :	P8
Client Sample ID :	381003734-PBCU182	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:08:10	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.01	1.71	1.69	1.80	9.88	ppb
Molybdenum	94-1	0.10	0.13	0.07	0.10	32.03	ppb
Molybdenum	95-1	0.09	0.08	0.09	0.09	7.61	ppb
Molybdenum	96-1	0.08	0.10	0.08	0.09	12.19	ppb
Molybdenum	97-1	0.09	0.09	0.09	0.09	0.15	ppb
Molybdenum	98-1	0.07	0.07	0.09	0.08	14.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.83	27.33	28.11	27.75	1.41	ppb
Phosphorus	31-2	303.93	321.71	226.30	283.98	17.87	ppb
Potassium	39-2	2004.03	1957.01	1920.21	1960.42	2.14	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				89		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.03	0.85	0.05	0.31	149.74	ppb
Selenium	82-1	0.14	-0.19	0.07	0.01	3326.95	ppb
Silicon	28-1	3555.04	3524.53	3528.11	3535.89	0.47	ppb
Silver	109-1	0.10	0.10	0.10	0.10	4.89	ppb
Silver	107-1	0.09	0.09	0.09	0.09	3.30	ppb
Sodium	23-2	5156.96	5004.51	4942.52	5034.66	2.19	ppb
Strontium	86-1	31.37	31.11	31.16	31.21	0.45	ppb
Strontium	88-1	31.66	31.64	32.11	31.80	0.83	ppb
Sulfur	34-1	-1903.45	-1933.81	-1899.25	-1912.17		ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.05	0.04	0.05	0.05	11.60	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	8.31	ppb
Tin	118-1	0.05	0.04	0.08	0.06	32.66	ppb
Titanium	47-1	0.49	0.49	0.37	0.45	15.71	ppb
Uranium	238-1	0.10	0.10	0.09	0.10	3.96	ppb
Vanadium	51-2	0.08	0.15	0.13	0.12	27.91	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	264.89	251.18	255.62	257.23	2.72	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-03	Instrumnet Name :	P8
Client Sample ID :	381003734-PBCU182	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:08:10	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.02	0.02	27.16	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	40.28	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-04	Instrumnet Name :	P8
Client Sample ID :	381003735-PBCU183	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:11:33	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.82	31.18	30.28	32.43	9.17	ppb
Antimony	121-1	0.34	0.35	0.34	0.34	0.90	ppb
Arsenic	75-1	7.58	7.79	7.97	7.78	2.53	ppb
Barium	135-1	1.32	1.42	1.25	1.33	6.43	ppb
Barium	137-1	1.37	1.32	1.36	1.35	1.92	ppb
Beryllium	9-1	0.25	0.26	0.21	0.24	10.14	ppb
Bismuth	209-1				117		%
Bismuth	209-2				107		%
Boron	10-1	10.42	9.37	9.59	9.79	5.63	ppb
Boron	11-1	11.18	9.90	9.98	10.35	6.91	ppb
Cadmium	111-1	0.07	0.05	0.02	0.05	49.22	ppb
Cadmium	106-1	-0.89	-0.53	-1.04	-0.82		ppb
Cadmium	108-1	0.04	0.14	0.23	0.14	68.69	ppb
Calcium	43-1	7161.16	7050.85	7077.32	7096.44	0.81	ppb
Calcium	44-1	7213.62	7159.17	7167.33	7180.04	0.41	ppb
Chromium	52-2	0.79	0.92	0.98	0.90	11.35	ppb
Cobalt	59-2	0.33	0.35	0.33	0.34	2.92	ppb
Copper	63-2	6.66	6.51	6.74	6.64	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				98		%
Iron	56-2	6.65	5.65	5.36	5.88	11.49	ppb
Iron	57-2	6.47	6.27	5.72	6.16	6.33	ppb
Krypton	83-1	-4858.38	-5881.21	-664.21	-3801.26		ppb
Lead	206-1	0.35	0.36	0.35	0.35	2.59	ppb
Lead	207-1	0.35	0.32	0.30	0.33	8.07	ppb
Lead	208-1	0.33	0.33	0.33	0.33	0.70	ppb
Lithium	6-1				104		%
Magnesium	24-2	1550.49	1512.90	1469.17	1510.85	2.69	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-04	Instrumnet Name :	P8
Client Sample ID :	381003735-PBCU183	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:11:33	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.11	0.85	0.80	0.92	18.18	ppb
Molybdenum	94-1	0.10	0.15	0.16	0.14	21.21	ppb
Molybdenum	95-1	0.16	0.15	0.17	0.16	7.15	ppb
Molybdenum	96-1	0.19	0.18	0.18	0.18	2.66	ppb
Molybdenum	97-1	0.20	0.15	0.19	0.18	14.67	ppb
Molybdenum	98-1	0.16	0.16	0.17	0.16	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.63	12.04	11.58	11.75	2.16	ppb
Phosphorus	31-2	260.78	159.39	320.81	246.99	33.03	ppb
Potassium	39-2	2091.95	1982.80	1964.83	2013.19	3.42	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				88		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	1.79	-0.77	0.85	0.62	208.01	ppb
Selenium	82-1	0.58	0.43	-0.12	0.30	123.60	ppb
Silicon	28-1	3310.63	3301.56	3285.24	3299.14	0.39	ppb
Silver	109-1	0.08	0.09	0.09	0.09	6.28	ppb
Silver	107-1	0.10	0.10	0.09	0.10	1.93	ppb
Sodium	23-2	5197.22	5051.68	4893.86	5047.59	3.01	ppb
Strontium	86-1	29.75	28.81	30.06	29.54	2.21	ppb
Strontium	88-1	30.45	29.76	30.26	30.16	1.18	ppb
Sulfur	34-1	-1872.75	-1846.21	-1884.39	-1867.78		ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.05	0.04	0.05	9.98	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	9.91	ppb
Tin	118-1	0.02	0.03	0.06	0.04	58.81	ppb
Titanium	47-1	0.38	0.40	0.37	0.39	3.98	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	3.78	ppb
Vanadium	51-2	0.22	0.14	0.20	0.19	22.30	ppb
Yttrium	89-1				106		%
Yttrium	89-2				94		%
Zinc	66-2	82.89	80.71	80.62	81.40	1.58	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-04	Instrumnet Name :	P8
Client Sample ID :	381003735-PBCU183	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:11:33	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.01	0.01	54.95	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	34.56	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-05	Instrumnet Name :	P8
Client Sample ID :	381003736-PBCU184	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:14:56	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.04	48.29	37.38	42.91	12.72	ppb
Antimony	121-1	0.34	0.33	0.33	0.33	2.36	ppb
Arsenic	75-1	8.18	8.51	8.50	8.40	2.20	ppb
Barium	135-1	1.62	1.60	1.45	1.56	5.84	ppb
Barium	137-1	1.54	1.44	1.59	1.52	4.90	ppb
Beryllium	9-1	0.22	0.23	0.30	0.25	17.76	ppb
Bismuth	209-1				118		%
Bismuth	209-2				107		%
Boron	10-1	10.23	10.32	9.82	10.12	2.63	ppb
Boron	11-1	10.21	9.63	10.71	10.18	5.33	ppb
Cadmium	111-1	0.07	0.05	0.09	0.07	31.81	ppb
Cadmium	106-1	-0.49	-0.81	-0.35	-0.55		ppb
Cadmium	108-1	0.18	0.11	0.14	0.14	23.63	ppb
Calcium	43-1	8145.79	8224.99	8215.29	8195.35	0.53	ppb
Calcium	44-1	8348.89	8430.38	8387.44	8388.90	0.49	ppb
Chromium	52-2	1.13	0.97	1.00	1.04	8.25	ppb
Cobalt	59-2	0.35	0.35	0.40	0.37	7.67	ppb
Copper	63-2	20.12	21.23	22.22	21.19	4.97	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				116		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				97		%
Iron	56-2	8.23	8.39	8.26	8.29	0.99	ppb
Iron	57-2	8.96	8.22	10.03	9.07	10.00	ppb
Krypton	83-1	-3001.65	-6593.42	-1227.30	-3607.45		ppb
Lead	206-1	0.06	0.06	0.06	0.06	5.38	ppb
Lead	207-1	0.06	0.06	0.08	0.07	14.45	ppb
Lead	208-1	0.06	0.07	0.07	0.06	0.86	ppb
Lithium	6-1				103		%
Magnesium	24-2	1331.32	1380.45	1435.47	1382.41	3.77	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-05	Instrumnet Name :	P8
Client Sample ID :	381003736-PBCU184	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:14:56	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.22	1.37	1.82	1.47	21.12	ppb
Molybdenum	94-1	0.03	0.04	0.06	0.04	34.10	ppb
Molybdenum	95-1	0.02	0.04	0.02	0.03	44.36	ppb
Molybdenum	96-1	0.02	0.06	0.05	0.04	48.76	ppb
Molybdenum	97-1	0.00	0.03	0.05	0.03	79.90	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	10.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.05	14.20	14.92	14.39	3.25	ppb
Phosphorus	31-2	294.27	212.13	246.72	251.04	16.43	ppb
Potassium	39-2	2104.49	2115.01	2109.09	2109.53	0.25	ppb
Rhodium	103-1				107		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				87		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	-0.77	-0.77	1.84	0.10	1510.65	ppb
Selenium	82-1	0.06	0.62	0.03	0.24	142.11	ppb
Silicon	28-1	3488.22	3475.33	3506.52	3490.02	0.45	ppb
Silver	109-1	0.08	0.09	0.08	0.08	11.02	ppb
Silver	107-1	0.07	0.08	0.08	0.08	6.20	ppb
Sodium	23-2	4957.27	5218.82	5385.89	5187.33	4.16	ppb
Strontium	86-1	32.03	32.64	32.33	32.33	0.95	ppb
Strontium	88-1	32.73	32.87	32.78	32.79	0.21	ppb
Sulfur	34-1	-1797.57	-1681.86	-1631.37	-1703.60		ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.04	0.04	0.04	5.58	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	11.28	ppb
Tin	118-1	0.82	0.85	0.80	0.82	3.36	ppb
Titanium	47-1	0.64	0.39	0.46	0.50	25.58	ppb
Uranium	238-1	0.08	0.08	0.07	0.08	3.93	ppb
Vanadium	51-2	0.14	0.16	0.19	0.16	16.74	ppb
Yttrium	89-1				106		%
Yttrium	89-2				93		%
Zinc	66-2	65.21	67.62	70.62	67.82	3.99	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-05	Instrumnet Name :	P8
Client Sample ID :	381003736-PBCU184	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:14:56	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.00	0.01	103.77	ppb
Zirconium	91-1	0.01	0.01	0.03	0.01	76.42	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5404-01	Instrumnet Name :	P8
Client Sample ID :	381003207.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:18:19	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.92	12.46	8.64	10.34	18.78	ppb
Antimony	121-1	0.29	0.30	0.31	0.30	3.60	ppb
Arsenic	75-1	8.27	9.19	9.56	9.01	7.35	ppb
Barium	135-1	179.34	182.44	179.85	180.54	0.92	ppb
Barium	137-1	181.00	181.09	180.47	180.86	0.19	ppb
Beryllium	9-1	0.10	0.08	0.06	0.08	26.19	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Boron	10-1	16.73	16.23	17.41	16.79	3.53	ppb
Boron	11-1	17.91	17.54	18.47	17.97	2.60	ppb
Cadmium	111-1	-0.07	-0.08	-0.08	-0.08		ppb
Cadmium	106-1	-1.26	-1.18	-1.32	-1.25		ppb
Cadmium	108-1	0.07	0.14	0.04	0.08	59.50	ppb
Calcium	43-1	27923.44	28249.69	27722.85	27965.32	0.95	ppb
Calcium	44-1	28056.05	28068.09	27695.45	27939.86	0.76	ppb
Chromium	52-2	0.19	0.17	0.18	0.18	5.49	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00		ppb
Copper	63-2	0.75	0.68	0.66	0.70	6.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				97		%
Iron	56-2	43.15	42.91	42.77	42.94	0.45	ppb
Iron	57-2	49.06	43.44	46.90	46.47	6.10	ppb
Krypton	83-1	-3938.02	-3543.94	-2506.43	-3329.46		ppb
Lead	206-1	0.24	0.23	0.23	0.23	2.19	ppb
Lead	207-1	0.23	0.23	0.20	0.22	7.57	ppb
Lead	208-1	0.23	0.22	0.22	0.22	2.10	ppb
Lithium	6-1				101		%
Magnesium	24-2	13845.05	14005.89	13781.70	13877.55	0.83	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5404-01	Instrumnet Name :	P8
Client Sample ID :	381003207.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:18:19	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16.58	15.52	16.59	16.23	3.78	ppb
Molybdenum	94-1	6.09	6.08	6.08	6.09	0.12	ppb
Molybdenum	95-1	8.61	8.72	8.59	8.64	0.83	ppb
Molybdenum	96-1	8.18	8.53	8.46	8.39	2.21	ppb
Molybdenum	97-1	8.64	8.71	8.69	8.68	0.38	ppb
Molybdenum	98-1	8.88	8.79	8.67	8.78	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.03	0.16	0.11	65.13	ppb
Phosphorus	31-2	65.04	16.91	-7.13	24.94	147.34	ppb
Potassium	39-2	644.89	585.47	628.41	619.59	4.95	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				87		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	-0.77	0.07	-0.77	-0.49		ppb
Selenium	82-1	-0.03	0.04	-0.06	-0.02		ppb
Silicon	28-1	7806.68	7872.77	7774.75	7818.07	0.64	ppb
Silver	109-1	0.07	0.06	0.07	0.07	7.67	ppb
Silver	107-1	0.08	0.07	0.08	0.08	1.80	ppb
Sodium	23-2	8440.70	8520.79	8527.32	8496.27	0.57	ppb
Strontium	86-1	235.10	237.05	234.09	235.41	0.64	ppb
Strontium	88-1	238.99	241.97	238.75	239.90	0.75	ppb
Sulfur	34-1	2836.04	3054.92	3034.33	2975.10	4.06	ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.03	0.04	0.03	18.26	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	6.28	ppb
Tin	118-1	0.06	0.02	0.04	0.04	41.51	ppb
Titanium	47-1	0.35	0.38	0.44	0.39	11.81	ppb
Uranium	238-1	0.86	0.88	0.87	0.87	1.02	ppb
Vanadium	51-2	0.04	0.02	0.03	0.03	45.21	ppb
Yttrium	89-1				105		%
Yttrium	89-2				93		%
Zinc	66-2	45.93	44.44	43.19	44.52	3.08	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5404-01	Instrumnet Name :	P8
Client Sample ID :	381003207.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:18:19	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.04	0.03	17.60	ppb
Zirconium	91-1	0.06	0.03	0.04	0.04	35.74	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5404-02	Instrumnet Name :	P8
Client Sample ID :	381003208	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:21:42	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.07	16.88	15.12	15.02	12.70	ppb
Antimony	121-1	0.29	0.32	0.32	0.31	4.67	ppb
Arsenic	75-1	10.08	10.18	10.86	10.37	4.12	ppb
Barium	135-1	177.54	177.71	178.21	177.82	0.20	ppb
Barium	137-1	177.02	176.43	177.32	176.92	0.26	ppb
Beryllium	9-1	0.06	0.09	0.06	0.07	26.31	ppb
Bismuth	209-1				116		%
Bismuth	209-2				106		%
Boron	10-1	15.30	16.37	20.70	17.46	16.38	ppb
Boron	11-1	17.29	17.67	18.72	17.89	4.11	ppb
Cadmium	111-1	-0.03	-0.07	-0.05	-0.05		ppb
Cadmium	106-1	-0.75	-1.15	-1.09	-1.00		ppb
Cadmium	108-1	0.02	0.09	0.02	0.04	92.42	ppb
Calcium	43-1	28305.35	28054.43	27994.19	28117.99	0.59	ppb
Calcium	44-1	28241.43	28217.79	28209.33	28222.85	0.06	ppb
Chromium	52-2	0.27	0.22	0.26	0.25	11.35	ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	6.21	6.03	6.36	6.20	2.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				97		%
Iron	56-2	41.80	40.88	41.62	41.44	1.18	ppb
Iron	57-2	43.61	39.55	35.95	39.70	9.65	ppb
Krypton	83-1	-964.27	-1447.64	-4564.31	-2325.41		ppb
Lead	206-1	0.35	0.33	0.35	0.34	2.82	ppb
Lead	207-1	0.34	0.34	0.32	0.33	3.64	ppb
Lead	208-1	0.33	0.33	0.33	0.33	0.53	ppb
Lithium	6-1				102		%
Magnesium	24-2	14409.11	14015.66	13963.43	14129.40	1.72	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5404-02	Instrumnet Name :	P8
Client Sample ID :	381003208	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:21:42	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16.30	16.12	16.29	16.23	0.63	ppb
Molybdenum	94-1	6.20	6.15	6.35	6.23	1.72	ppb
Molybdenum	95-1	8.79	8.78	8.75	8.77	0.24	ppb
Molybdenum	96-1	8.15	8.27	8.46	8.29	1.88	ppb
Molybdenum	97-1	8.38	8.91	8.50	8.59	3.23	ppb
Molybdenum	98-1	8.41	8.71	8.73	8.61	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.47	0.41	0.47	15.07	ppb
Phosphorus	31-2	17.23	17.15	-7.13	9.09	154.55	ppb
Potassium	39-2	596.85	577.40	636.80	603.68	5.02	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				86		%
Selenium	77-2	-1.56	-1.56	3.48	0.12	2437.70	ppb
Selenium	78-2	0.05	-0.77	-0.77	-0.50		ppb
Selenium	82-1	-0.26	0.01	0.39	0.05	717.04	ppb
Silicon	28-1	7945.97	7888.75	7933.59	7922.77	0.38	ppb
Silver	109-1	0.06	0.06	0.07	0.06	6.28	ppb
Silver	107-1	0.06	0.07	0.06	0.06	13.87	ppb
Sodium	23-2	8698.26	8615.01	8464.25	8592.51	1.38	ppb
Strontium	86-1	235.38	238.61	236.26	236.75	0.70	ppb
Strontium	88-1	241.82	245.40	242.27	243.17	0.80	ppb
Sulfur	34-1	3309.57	3229.84	3264.62	3268.01	1.22	ppb
Terbium	159-1				114		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.02	0.03	0.02	13.46	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	19.93	ppb
Tin	118-1	0.11	0.07	0.11	0.10	24.66	ppb
Titanium	47-1	0.38	0.33	0.29	0.33	14.58	ppb
Uranium	238-1	0.87	0.88	0.90	0.88	1.58	ppb
Vanadium	51-2	0.04	0.07	0.07	0.06	29.35	ppb
Yttrium	89-1				104		%
Yttrium	89-2				93		%
Zinc	66-2	71.53	71.25	72.78	71.85	1.13	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5404-02	Instrumnet Name :	P8
Client Sample ID :	381003208	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:21:42	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.03	0.04	10.38	ppb
Zirconium	91-1	0.05	0.05	0.03	0.04	31.49	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:25:15	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52009.46	51972.15	51769.00	51916.87	0.25	ppb
Antimony	121-1	509.18	507.21	514.67	510.35	0.76	ppb
Arsenic	75-1	517.43	520.30	526.87	521.53	0.93	ppb
Barium	135-1	2644.19	2654.37	2670.61	2656.39	0.50	ppb
Barium	137-1	2611.96	2618.48	2667.96	2632.80	1.16	ppb
Beryllium	9-1	510.70	511.77	521.68	514.71	1.18	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	504.56	518.69	538.70	520.65	3.29	ppb
Boron	11-1	505.33	520.48	539.94	521.92	3.32	ppb
Cadmium	111-1	496.50	496.51	501.35	498.12	0.56	ppb
Cadmium	106-1	501.40	498.56	515.46	505.14	1.79	ppb
Cadmium	108-1	514.16	500.59	506.42	507.06	1.34	ppb
Calcium	43-1	249780.65	250627.02	256207.07	252204.91	1.38	ppb
Calcium	44-1	249547.53	253545.67	255839.78	252977.66	1.26	ppb
Chromium	52-2	562.65	551.97	553.69	556.10	1.03	ppb
Cobalt	59-2	529.96	526.26	527.24	527.82	0.36	ppb
Copper	63-2	1037.07	1029.66	1025.77	1030.83	0.56	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				103		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				87		%
Iron	56-2	129416.42	128612.69	128197.07	128742.06	0.48	ppb
Iron	57-2	130069.14	129937.26	128992.59	129666.33	0.45	ppb
Krypton	83-1	-754.95	-807.85	564.71	-332.70		ppb
Lead	206-1	538.27	540.11	546.96	541.78	0.84	ppb
Lead	207-1	539.51	535.07	544.48	539.69	0.87	ppb
Lead	208-1	534.86	534.44	544.11	537.80	1.02	ppb
Lithium	6-1				87		%
Magnesium	24-2	253715.37	252691.66	250242.18	252216.40	0.71	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:25:15	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1059.96	1058.95	1051.95	1056.95	0.41	ppb
Molybdenum	94-1	2634.28	2636.15	2699.76	2656.73	1.40	ppb
Molybdenum	95-1	2617.78	2647.60	2698.85	2654.74	1.54	ppb
Molybdenum	96-1	2611.70	2640.66	2698.60	2650.32	1.67	ppb
Molybdenum	97-1	2609.10	2642.08	2676.02	2642.40	1.27	ppb
Molybdenum	98-1	2639.80	2647.78	2704.50	2664.02	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	552.17	546.35	539.62	546.05	1.15	ppb
Phosphorus	31-2	11836.81	10744.68	11572.58	11384.69	5.00	ppb
Potassium	39-2	126705.10	127487.42	126716.15	126969.55	0.35	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	77-2	497.04	526.39	476.51	499.98	5.01	ppb
Selenium	78-2	457.80	470.16	512.26	480.07	5.95	ppb
Selenium	82-1	504.77	511.97	518.99	511.91	1.39	ppb
Silicon	28-1	510.12	513.42	519.92	514.48	0.97	ppb
Silver	109-1	513.86	511.26	512.05	512.39	0.26	ppb
Silver	107-1	515.33	510.45	514.68	513.49	0.52	ppb
Sodium	23-2	255419.62	253789.99	251175.84	253461.81	0.84	ppb
Strontium	86-1	512.37	519.87	524.04	518.76	1.14	ppb
Strontium	88-1	525.22	525.54	529.17	526.64	0.42	ppb
Sulfur	34-1	9561.52	9651.47	9932.70	9715.23	1.99	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	545.41	537.06	547.18	543.22	1.00	ppb
Thallium	205-1	535.31	530.98	540.96	535.75	0.93	ppb
Tin	118-1	524.87	519.47	531.48	525.27	1.15	ppb
Titanium	47-1	2634.84	2669.61	2694.99	2666.48	1.13	ppb
Uranium	238-1	547.68	545.47	560.03	551.06	1.42	ppb
Vanadium	51-2	535.60	534.11	527.36	532.36	0.83	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	1037.46	1046.62	1043.69	1042.59	0.45	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:25:15	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	528.13	527.63	534.85	530.20	0.76	ppb
Zirconium	91-1	519.50	529.24	535.96	528.23	1.57	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:28:27	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.78	3.80	1.07	2.55	53.99	ppb
Antimony	121-1	1.24	1.08	1.07	1.13	8.41	ppb
Arsenic	75-1	0.45	0.38	0.43	0.42	8.78	ppb
Barium	135-1	0.17	0.11	0.12	0.14	22.89	ppb
Barium	137-1	0.18	0.14	0.08	0.13	36.24	ppb
Beryllium	9-1	0.24	0.28	0.23	0.25	9.56	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	19.20	16.27	14.60	16.69	13.94	ppb
Boron	11-1	19.24	18.61	16.56	18.14	7.72	ppb
Cadmium	111-1	0.04	0.02	0.02	0.03	42.12	ppb
Cadmium	106-1	-0.58	-0.42	-0.46	-0.49		ppb
Cadmium	108-1	0.05	0.13	0.05	0.08	56.97	ppb
Calcium	43-1	17.91	15.03	1.88	11.61	73.66	ppb
Calcium	44-1	18.48	15.78	10.62	14.96	26.71	ppb
Chromium	52-2	-0.03	0.02	0.04	0.01	354.53	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	47.15	ppb
Copper	63-2	0.18	0.24	0.23	0.22	14.49	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				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	5.58	4.87	3.64	4.70	20.99	ppb
Iron	57-2	2.14	3.64	3.53	3.10	26.97	ppb
Krypton	83-1	834.51	-464.11	1550.92	640.44	159.49	ppb
Lead	206-1	0.06	0.06	0.05	0.06	6.53	ppb
Lead	207-1	0.04	0.05	0.04	0.04	1.38	ppb
Lead	208-1	0.05	0.05	0.05	0.05	2.59	ppb
Lithium	6-1				92		%
Magnesium	24-2	10.57	11.77	10.11	10.81	7.92	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:28:27	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.07	0.04	0.06	38.32	ppb
Molybdenum	94-1	0.96	0.84	0.75	0.85	12.19	ppb
Molybdenum	95-1	1.09	0.93	0.76	0.93	18.08	ppb
Molybdenum	96-1	1.11	0.87	0.82	0.93	16.77	ppb
Molybdenum	97-1	1.06	0.87	0.64	0.86	24.48	ppb
Molybdenum	98-1	1.04	0.88	0.87	0.93	10.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.11	0.08	0.08	41.73	ppb
Phosphorus	31-2	17.39	18.19	-7.13	9.48	151.77	ppb
Potassium	39-2	8.98	-3.86	21.65	8.93	142.91	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				84		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	-0.77	0.94	-0.77	-0.20		ppb
Selenium	82-1	0.02	0.30	-0.13	0.06	347.34	ppb
Silicon	28-1	-4.45	-5.65	-4.65	-4.92		ppb
Silver	109-1	0.09	0.07	0.07	0.08	11.67	ppb
Silver	107-1	0.10	0.07	0.09	0.09	15.78	ppb
Sodium	23-2	27.19	27.48	26.40	27.02	2.07	ppb
Strontium	86-1	0.04	0.02	0.01	0.02	64.21	ppb
Strontium	88-1	0.03	0.03	0.02	0.03	26.33	ppb
Sulfur	34-1	-1040.70	-1009.47	-953.97	-1001.38		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.16	0.14	0.11	0.14	18.11	ppb
Thallium	205-1	0.17	0.15	0.13	0.15	14.04	ppb
Tin	118-1	0.34	0.29	0.23	0.29	19.22	ppb
Titanium	47-1	0.21	0.21	0.21	0.21	1.73	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	34.10	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	1.99	ppb
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	0.15	0.47	0.08	0.23	89.88	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:28:27	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.16	0.14	0.15	6.16	ppb
Zirconium	91-1	0.10	0.17	0.12	0.13	26.50	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5408-01	Instrumnet Name :	P8
Client Sample ID :	380927052.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:31:50	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.94	15.51	16.54	15.66	5.21	ppb
Antimony	121-1	0.56	0.59	0.56	0.57	3.00	ppb
Arsenic	75-1	11.92	13.07	13.15	12.71	5.43	ppb
Barium	135-1	0.16	0.23	0.25	0.21	23.17	ppb
Barium	137-1	0.18	0.22	0.19	0.20	11.97	ppb
Beryllium	9-1	0.14	0.14	0.12	0.13	8.96	ppb
Bismuth	209-1				115		%
Bismuth	209-2				107		%
Boron	10-1	58.39	59.87	57.80	58.69	1.82	ppb
Boron	11-1	58.68	61.94	60.22	60.28	2.71	ppb
Cadmium	111-1	0.02	-0.01	0.01	0.01	179.17	ppb
Cadmium	106-1	-0.54	-0.47	-0.26	-0.42		ppb
Cadmium	108-1	0.00	0.09	0.05	0.04	106.22	ppb
Calcium	43-1	65.98	68.08	65.71	66.59	1.95	ppb
Calcium	44-1	97.65	94.09	92.34	94.69	2.86	ppb
Chromium	52-2	0.84	0.89	0.73	0.82	10.31	ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	11.03	10.84	10.76	10.88	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	9.18	8.06	8.73	8.66	6.48	ppb
Iron	57-2	5.90	7.46	4.58	5.98	24.08	ppb
Krypton	83-1	-1899.53	359.30	-6114.91	-2551.71		ppb
Lead	206-1	2.73	2.74	2.72	2.73	0.50	ppb
Lead	207-1	2.39	2.47	2.40	2.42	1.77	ppb
Lead	208-1	2.56	2.57	2.55	2.56	0.29	ppb
Lithium	6-1				102		%
Magnesium	24-2	27.08	34.07	22.18	27.77	21.52	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5408-01	Instrumnet Name :	P8
Client Sample ID :	380927052.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:31:50	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.18	0.16	0.11	87.79	ppb
Molybdenum	94-1	1.75	1.65	1.78	1.73	3.87	ppb
Molybdenum	95-1	2.13	2.08	2.22	2.14	3.36	ppb
Molybdenum	96-1	2.13	2.25	2.09	2.15	3.75	ppb
Molybdenum	97-1	2.12	2.27	2.22	2.20	3.40	ppb
Molybdenum	98-1	2.14	2.11	2.23	2.16	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.15	0.05	0.09	59.87	ppb
Phosphorus	31-2	-7.13	87.10	16.70	32.22	152.04	ppb
Potassium	39-2	290.97	252.14	271.01	271.37	7.15	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	77-2	3.39	3.36	3.40	3.38	0.73	ppb
Selenium	78-2	-0.77	1.68	0.05	0.32	390.36	ppb
Selenium	82-1	0.57	0.45	1.20	0.74	54.38	ppb
Silicon	28-1	10349.50	10330.37	10131.18	10270.35	1.18	ppb
Silver	109-1	0.12	0.12	0.12	0.12	2.62	ppb
Silver	107-1	0.10	0.11	0.12	0.11	6.97	ppb
Sodium	23-2	85006.99	83845.43	84963.62	84605.35	0.78	ppb
Strontium	86-1	0.96	0.98	1.04	0.99	4.07	ppb
Strontium	88-1	0.97	0.99	0.96	0.97	1.82	ppb
Sulfur	34-1	13977.67	14024.46	13322.20	13774.78	2.85	ppb
Terbium	159-1				113		%
Terbium	159-2				108		%
Thallium	203-1	0.13	0.13	0.11	0.12	9.69	ppb
Thallium	205-1	0.13	0.12	0.11	0.12	6.93	ppb
Tin	118-1	1.18	1.22	1.32	1.24	5.53	ppb
Titanium	47-1	0.43	0.37	0.39	0.39	7.19	ppb
Uranium	238-1	1.55	1.52	1.55	1.54	1.14	ppb
Vanadium	51-2	6.54	6.38	6.13	6.35	3.22	ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	6.82	7.58	6.94	7.11	5.76	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5408-01	Instrumnet Name :	P8
Client Sample ID :	380927052.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:31:50	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.09	0.09	0.09	4.23	ppb
Zirconium	91-1	0.11	0.09	0.11	0.10	11.26	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5409-01	Instrumnet Name :	P8
Client Sample ID :	381001037.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:35:13	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	111.78	104.22	106.37	107.46	3.62	ppb
Antimony	121-1	0.87	0.84	0.86	0.86	1.73	ppb
Arsenic	75-1	5.30	5.16	5.53	5.33	3.59	ppb
Barium	135-1	57.80	52.49	52.82	54.37	5.47	ppb
Barium	137-1	57.00	53.02	52.89	54.30	4.31	ppb
Beryllium	9-1	0.14	0.12	0.20	0.16	25.45	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	10-1	328.87	303.66	311.94	314.82	4.08	ppb
Boron	11-1	330.79	321.33	327.70	326.61	1.48	ppb
Cadmium	111-1	0.03	0.13	0.08	0.08	60.75	ppb
Cadmium	106-1	-1.63	-0.03	-0.79	-0.82		ppb
Cadmium	108-1	0.22	0.28	0.19	0.23	20.21	ppb
Calcium	43-1	61355.73	56469.37	57152.72	58325.94	4.54	ppb
Calcium	44-1	61525.44	56377.13	57164.20	58355.59	4.75	ppb
Chromium	52-2	1.05	1.19	1.13	1.12	6.57	ppb
Cobalt	59-2	0.18	0.18	0.13	0.16	19.92	ppb
Copper	63-2	11.64	12.02	12.05	11.90	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	222.41	223.72	215.22	220.45	2.08	ppb
Iron	57-2	224.31	220.23	233.58	226.04	3.03	ppb
Krypton	83-1	-363.65	-3802.11	-3788.97	-2651.58		ppb
Lead	206-1	1.55	1.43	1.43	1.47	4.49	ppb
Lead	207-1	1.26	1.19	1.24	1.23	2.93	ppb
Lead	208-1	1.39	1.30	1.32	1.33	3.83	ppb
Lithium	6-1				98		%
Magnesium	24-2	16950.52	17555.61	17183.54	17229.89	1.77	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5409-01	Instrumnet Name :	P8
Client Sample ID :	381001037.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:35:13	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.87	9.20	9.45	9.50	3.56	ppb
Molybdenum	94-1	0.38	0.32	0.28	0.33	16.71	ppb
Molybdenum	95-1	0.28	0.25	0.27	0.26	6.10	ppb
Molybdenum	96-1	0.29	0.25	0.27	0.27	6.51	ppb
Molybdenum	97-1	0.35	0.25	0.27	0.29	18.80	ppb
Molybdenum	98-1	0.32	0.28	0.26	0.28	10.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.94	1.03	0.92	12.97	ppb
Phosphorus	31-2	16.40	41.84	18.26	25.50	55.62	ppb
Potassium	39-2	4251.36	4223.63	4134.55	4203.18	1.45	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	77-2	3.37	-1.56	-1.56	0.08	3425.60	ppb
Selenium	78-2	3.32	2.55	0.97	2.28	52.58	ppb
Selenium	82-1	2.13	2.06	2.06	2.08	2.02	ppb
Silicon	28-1	5694.83	5240.13	5290.39	5408.45	4.61	ppb
Silver	109-1	0.10	0.10	0.15	0.12	25.29	ppb
Silver	107-1	0.10	0.12	0.12	0.11	11.01	ppb
Sodium	23-2	15241.80	15528.29	15312.33	15360.81	0.97	ppb
Strontium	86-1	168.42	152.51	153.90	158.28	5.57	ppb
Strontium	88-1	173.02	157.82	158.37	163.07	5.29	ppb
Sulfur	34-1	8194.05	6968.06	7205.03	7455.71	8.72	ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.05	0.06	0.06	3.20	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	5.41	ppb
Tin	118-1	0.16	0.13	0.16	0.15	9.41	ppb
Titanium	47-1	3.79	2.97	3.17	3.31	12.79	ppb
Uranium	238-1	0.87	0.78	0.77	0.81	7.05	ppb
Vanadium	51-2	1.06	1.00	1.00	1.02	3.33	ppb
Yttrium	89-1				104		%
Yttrium	89-2				92		%
Zinc	66-2	99.56	98.15	99.98	99.23	0.96	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5409-01	Instrumnet Name :	P8
Client Sample ID :	381001037.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:35:13	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.07	0.07	0.06	8.91	ppb
Zirconium	91-1	0.09	0.06	0.05	0.07	26.52	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5410-01	Instrumnet Name :	P8
Client Sample ID :	381001039.4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:38:35	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.50	14.67	12.40	13.86	9.11	ppb
Antimony	121-1	0.27	0.30	0.28	0.28	6.12	ppb
Arsenic	75-1	7.26	8.32	9.35	8.31	12.62	ppb
Barium	135-1	0.52	0.50	0.48	0.50	3.27	ppb
Barium	137-1	0.48	0.53	0.45	0.48	8.44	ppb
Beryllium	9-1	0.07	0.05	0.13	0.08	52.68	ppb
Bismuth	209-1				109		%
Bismuth	209-2				97		%
Boron	10-1	26.14	25.51	26.24	25.96	1.53	ppb
Boron	11-1	27.41	26.50	25.75	26.55	3.12	ppb
Cadmium	111-1	-0.08	-0.06	-0.10	-0.08		ppb
Cadmium	106-1	-1.18	-0.67	-1.41	-1.09		ppb
Cadmium	108-1	0.02	0.14	0.00	0.05	140.02	ppb
Calcium	43-1	1546.11	1487.37	1536.40	1523.29	2.07	ppb
Calcium	44-1	1557.70	1561.54	1564.09	1561.11	0.21	ppb
Chromium	52-2	0.44	0.23	0.23	0.30	40.20	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	64.93	ppb
Copper	63-2	28.03	27.20	27.15	27.46	1.79	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				110		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				88		%
Iron	56-2	5.53	5.40	5.16	5.36	3.43	ppb
Iron	57-2	6.18	3.09	4.39	4.55	34.04	ppb
Krypton	83-1	-528.39	-513.71	-2593.92	-1212.01		ppb
Lead	206-1	0.54	0.54	0.56	0.54	1.90	ppb
Lead	207-1	0.48	0.47	0.49	0.48	1.77	ppb
Lead	208-1	0.51	0.50	0.49	0.50	1.39	ppb
Lithium	6-1				96		%
Magnesium	24-2	4623.23	4358.39	4434.17	4471.93	3.05	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5410-01	Instrumnet Name :	P8
Client Sample ID :	381001039.4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:38:35	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.60	0.75	0.41	0.59	28.78	ppb
Molybdenum	94-1	0.15	0.17	0.14	0.15	10.21	ppb
Molybdenum	95-1	0.13	0.13	0.11	0.12	10.24	ppb
Molybdenum	96-1	0.14	0.15	0.17	0.16	9.87	ppb
Molybdenum	97-1	0.15	0.14	0.16	0.15	8.42	ppb
Molybdenum	98-1	0.14	0.11	0.15	0.13	14.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.52	0.50	0.55	13.94	ppb
Phosphorus	31-2	-7.13	-7.13	-7.13	-7.13		ppb
Potassium	39-2	2935.04	2734.80	2649.07	2772.97	5.29	ppb
Rhodium	103-1				98		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				79		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.15	0.15	0.08	0.13	34.60	ppb
Selenium	82-1	-0.10	-0.07	0.51	0.11	302.85	ppb
Silicon	28-1	13072.45	13162.84	13087.75	13107.68	0.37	ppb
Silver	109-1	0.07	0.06	0.08	0.07	12.22	ppb
Silver	107-1	0.07	0.07	0.09	0.08	15.41	ppb
Sodium	23-2	169526.40	164798.58	165100.29	166475.09	1.59	ppb
Strontium	86-1	7.24	7.24	7.19	7.23	0.39	ppb
Strontium	88-1	7.20	7.27	7.23	7.24	0.49	ppb
Sulfur	34-1	5499.70	5384.65	5930.53	5604.96	5.13	ppb
Terbium	159-1				109		%
Terbium	159-2				96		%
Thallium	203-1	0.04	0.03	0.04	0.04	20.43	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	15.81	ppb
Tin	118-1	0.10	0.09	0.11	0.10	11.48	ppb
Titanium	47-1	0.50	0.57	0.53	0.53	6.75	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	3.06	ppb
Vanadium	51-2	0.24	0.18	0.22	0.21	15.12	ppb
Yttrium	89-1				99		%
Yttrium	89-2				86		%
Zinc	66-2	14.59	13.06	13.36	13.67	5.91	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5410-01	Instrumnet Name :	P8
Client Sample ID :	381001039.4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:38:35	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.04	0.04	6.51	ppb
Zirconium	91-1	0.02	0.06	0.04	0.04	49.88	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5411-01	Instrumnet Name :	P8
Client Sample ID :	381002181.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:41:59	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.99	13.97	18.76	24.24	57.13	ppb
Antimony	121-1	0.31	0.45	19.29	6.68	163.34	ppb
Arsenic	75-1	7.11	9.03	180.14	65.43	151.85	ppb
Barium	135-1	10.29	13.55	561.11	194.98	162.62	ppb
Barium	137-1	10.28	13.36	560.88	194.84	162.70	ppb
Beryllium	9-1	0.04	0.14	0.77	0.32	125.14	ppb
Bismuth	209-1				74		%
Bismuth	209-2				90		%
Boron	10-1	18.99	26.62	167.74	71.12	117.78	ppb
Boron	11-1	21.09	25.83	188.63	78.52	121.49	ppb
Cadmium	111-1	-0.07	-0.05	1.06	0.32	205.75	ppb
Cadmium	106-1	-1.08	-0.95	0.67	-0.45		ppb
Cadmium	108-1	0.02	0.00	2.27	0.76	170.86	ppb
Calcium	43-1	50308.86	61796.94	1265688.09	459264.63	152.07	ppb
Calcium	44-1	50108.91	62089.04	1247585.50	453261.15	151.77	ppb
Chromium	52-2	2.70	1.10	1.08	1.63	56.90	ppb
Cobalt	59-2	0.59	0.45	0.45	0.50	16.24	ppb
Copper	63-2	654.47	300.43	294.20	416.37	49.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				73		%
Holmium	165-2				92		%
Indium	115-1				67		%
Indium	115-2				82		%
Iron	56-2	340.56	158.46	150.67	216.56	49.62	ppb
Iron	57-2	348.33	148.00	148.19	214.84	53.81	ppb
Krypton	83-1	-4176.67	1683.89	1065869.12	354458.78	173.82	ppb
Lead	206-1	57.90	73.99	1477.07	536.32	151.91	ppb
Lead	207-1	53.00	67.08	1340.65	486.91	151.85	ppb
Lead	208-1	55.18	70.08	1408.20	511.15	151.99	ppb
Lithium	6-1				66		%
Magnesium	24-2	51636.66	23518.45	22996.44	32717.18	50.09	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5411-01	Instrumnet Name :	P8
Client Sample ID :	381002181.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:41:59	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.18	1.99	1.86	2.67	48.76	ppb
Molybdenum	94-1	0.22	0.34	12.26	4.27	161.97	ppb
Molybdenum	95-1	0.23	0.27	12.98	4.49	163.57	ppb
Molybdenum	96-1	0.29	0.27	13.09	4.55	162.54	ppb
Molybdenum	97-1	0.20	0.26	12.28	4.25	163.89	ppb
Molybdenum	98-1	0.23	0.33	14.28	4.95	163.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.13	1.24	1.16	1.51	35.67	ppb
Phosphorus	31-2	43.51	66.18	16.84	42.18	58.55	ppb
Potassium	39-2	1940.33	799.68	849.56	1196.53	53.88	ppb
Rhodium	103-1				65		%
Rhodium	103-2				84		%
Scandium	45-1				61		%
Scandium	45-2				72		%
Selenium	77-2	-1.56	3.40	-1.56	0.10	3006.19	ppb
Selenium	78-2	-0.77	0.87	0.88	0.33	289.50	ppb
Selenium	82-1	0.16	0.46	-6.32	-1.90		ppb
Silicon	28-1	7261.28	8921.88	181756.95	65980.03	151.97	ppb
Silver	109-1	0.08	0.10	4.05	1.41	162.00	ppb
Silver	107-1	0.07	0.11	4.05	1.41	162.39	ppb
Sodium	23-2	22082.02	10078.25	9827.63	13995.97	50.04	ppb
Strontium	86-1	72.34	91.30	3631.70	1265.11	162.00	ppb
Strontium	88-1	75.35	95.93	3792.10	1321.12	161.98	ppb
Sulfur	34-1	3499.65	6889.75	337941.96	116110.45	165.46	ppb
Terbium	159-1				71		%
Terbium	159-2				91		%
Thallium	203-1	0.02	0.04	0.45	0.17	142.37	ppb
Thallium	205-1	0.02	0.03	0.66	0.24	152.18	ppb
Tin	118-1	0.75	0.95	45.87	15.86	163.92	ppb
Titanium	47-1	0.36	0.61	8.19	3.05	145.80	ppb
Uranium	238-1	0.90	1.13	23.31	8.45	152.36	ppb
Vanadium	51-2	2.09	1.07	1.02	1.40	43.36	ppb
Yttrium	89-1				66		%
Yttrium	89-2				79		%
Zinc	66-2	42.86	18.69	19.48	27.01	50.82	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5411-01	Instrumnet Name :	P8
Client Sample ID :	381002181.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:41:59	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.05	1.66	0.58	160.58	ppb
Zirconium	91-1	0.02	0.05	2.00	0.69	164.15	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5411-02	Instrumnet Name :	P8
Client Sample ID :	381002182	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:45:23	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.28	16.03	21.96	17.42	23.09	ppb
Antimony	121-1	0.25	0.24	0.29	0.26	9.02	ppb
Arsenic	75-1	9.62	10.00	10.52	10.05	4.46	ppb
Barium	135-1	0.24	0.24	0.16	0.21	20.13	ppb
Barium	137-1	0.23	0.19	0.20	0.20	10.23	ppb
Beryllium	9-1	0.16	0.13	0.15	0.15	11.83	ppb
Bismuth	209-1				116		%
Bismuth	209-2				108		%
Boron	10-1	20.27	18.58	18.56	19.14	5.14	ppb
Boron	11-1	19.13	19.76	19.85	19.58	1.99	ppb
Cadmium	111-1	0.01	-0.06	0.02	-0.01		ppb
Cadmium	106-1	-0.66	-1.33	-0.21	-0.74		ppb
Cadmium	108-1	0.14	0.04	0.07	0.08	59.25	ppb
Calcium	43-1	62.78	50.92	61.63	58.44	11.19	ppb
Calcium	44-1	81.68	82.52	82.07	82.09	0.51	ppb
Chromium	52-2	0.66	0.61	0.69	0.66	6.18	ppb
Cobalt	59-2	0.04	0.06	0.06	0.05	15.44	ppb
Copper	63-2	93.80	93.27	95.96	94.34	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	56-2	4.08	4.28	3.91	4.09	4.62	ppb
Iron	57-2	3.24	3.69	9.03	5.32	60.52	ppb
Krypton	83-1	-4863.88	-2335.48	688.11	-2170.42		ppb
Lead	206-1	0.37	0.35	0.34	0.36	4.45	ppb
Lead	207-1	0.34	0.31	0.31	0.32	5.81	ppb
Lead	208-1	0.36	0.33	0.31	0.33	6.96	ppb
Lithium	6-1				99		%
Magnesium	24-2	14.36	21.40	20.05	18.60	20.06	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5411-02	Instrumnet Name :	P8
Client Sample ID :	381002182	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:45:23	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.45	0.41	0.29	0.38	21.81	ppb
Molybdenum	94-1	0.24	0.22	0.29	0.25	13.25	ppb
Molybdenum	95-1	0.32	0.27	0.24	0.28	15.73	ppb
Molybdenum	96-1	0.27	0.29	0.26	0.27	5.99	ppb
Molybdenum	97-1	0.30	0.29	0.29	0.29	3.35	ppb
Molybdenum	98-1	0.31	0.28	0.27	0.29	6.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.29	0.27	0.28	4.56	ppb
Phosphorus	31-2	16.46	40.31	41.34	32.70	43.04	ppb
Potassium	39-2	23.04	41.74	24.46	29.75	35.00	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	-0.77	0.04	0.05	-0.23		ppb
Selenium	82-1	0.33	0.20	-0.33	0.07	524.07	ppb
Silicon	28-1	7076.50	7062.29	7029.82	7056.20	0.34	ppb
Silver	109-1	0.07	0.06	0.06	0.07	6.83	ppb
Silver	107-1	0.05	0.09	0.07	0.07	23.42	ppb
Sodium	23-2	114576.89	114607.02	116042.70	115075.54	0.73	ppb
Strontium	86-1	0.24	0.20	0.27	0.23	15.59	ppb
Strontium	88-1	0.26	0.27	0.25	0.26	4.08	ppb
Sulfur	34-1	3902.83	3749.86	3821.82	3824.84	2.00	ppb
Terbium	159-1				115		%
Terbium	159-2				109		%
Thallium	203-1	0.05	0.04	0.04	0.04	9.64	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	23.56	ppb
Tin	118-1	0.01	0.06	0.05	0.04	59.82	ppb
Titanium	47-1	0.32	0.27	0.37	0.32	16.40	ppb
Uranium	238-1	0.52	0.51	0.49	0.51	2.80	ppb
Vanadium	51-2	0.56	0.60	0.55	0.57	4.31	ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%
Zinc	66-2	10.88	11.70	11.34	11.31	3.62	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5411-02	Instrumnet Name :	P8
Client Sample ID :	381002182	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:45:23	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.03	0.04	12.97	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	41.31	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5414-01	Instrumnet Name :	P8
Client Sample ID :	381001013.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:48:46	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.48	27.12	29.09	28.56	4.42	ppb
Antimony	121-1	0.28	0.33	0.31	0.31	7.46	ppb
Arsenic	75-1	9.93	10.73	10.85	10.50	4.78	ppb
Barium	135-1	28.11	27.78	27.70	27.86	0.77	ppb
Barium	137-1	27.36	28.07	27.85	27.76	1.30	ppb
Beryllium	9-1	0.07	0.11	0.08	0.09	26.23	ppb
Bismuth	209-1				117		%
Bismuth	209-2				105		%
Boron	10-1	98.15	102.91	103.10	101.38	2.77	ppb
Boron	11-1	103.08	102.65	108.70	104.81	3.22	ppb
Cadmium	111-1	-0.03	-0.10	-0.05	-0.06		ppb
Cadmium	106-1	-0.40	-1.48	-0.70	-0.86		ppb
Cadmium	108-1	0.07	0.00	-0.03	0.01	411.34	ppb
Calcium	43-1	32853.18	32838.23	33271.66	32987.69	0.75	ppb
Calcium	44-1	32811.29	32752.97	33304.52	32956.26	0.92	ppb
Chromium	52-2	5.44	5.86	6.16	5.82	6.19	ppb
Cobalt	59-2	0.11	0.11	0.11	0.11	3.31	ppb
Copper	63-2	43.96	42.43	45.14	43.84	3.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				94		%
Iron	56-2	1378.51	1347.33	1414.58	1380.14	2.44	ppb
Iron	57-2	1330.78	1380.36	1402.36	1371.17	2.67	ppb
Krypton	83-1	-5931.01	-2884.24	-3923.28	-4246.17		ppb
Lead	206-1	2.34	2.24	2.30	2.30	2.35	ppb
Lead	207-1	2.09	2.18	2.07	2.11	2.94	ppb
Lead	208-1	2.20	2.17	2.19	2.19	0.75	ppb
Lithium	6-1				101		%
Magnesium	24-2	24057.49	23370.12	24644.52	24024.04	2.66	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5414-01	Instrumnet Name :	P8
Client Sample ID :	381001013.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:48:46	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.28	3.23	3.75	3.42	8.39	ppb
Molybdenum	94-1	0.09	0.12	0.10	0.10	13.47	ppb
Molybdenum	95-1	0.07	0.09	0.09	0.08	13.48	ppb
Molybdenum	96-1	0.11	0.10	0.08	0.10	15.97	ppb
Molybdenum	97-1	0.05	0.10	0.09	0.08	31.27	ppb
Molybdenum	98-1	0.09	0.08	0.07	0.08	10.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.14	6.02	6.44	6.20	3.49	ppb
Phosphorus	31-2	18.00	-7.13	70.71	27.20	146.08	ppb
Potassium	39-2	2278.44	2280.30	2418.71	2325.82	3.46	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				83		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.07	-0.77	0.13	-0.19		ppb
Selenium	82-1	0.27	0.08	0.23	0.19	51.77	ppb
Silicon	28-1	12232.15	12212.28	12306.64	12250.35	0.41	ppb
Silver	109-1	0.08	0.08	0.06	0.07	19.29	ppb
Silver	107-1	0.06	0.07	0.07	0.07	4.70	ppb
Sodium	23-2	16789.64	16394.38	17284.17	16822.73	2.65	ppb
Strontium	86-1	94.25	94.31	93.76	94.11	0.32	ppb
Strontium	88-1	98.95	97.43	97.19	97.86	0.97	ppb
Sulfur	34-1	4584.10	4736.82	4839.20	4720.04	2.72	ppb
Terbium	159-1				116		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.02	0.03	0.03	23.71	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	12.89	ppb
Tin	118-1	0.33	0.34	0.33	0.34	1.45	ppb
Titanium	47-1	3.05	2.39	2.55	2.66	12.99	ppb
Uranium	238-1	0.20	0.18	0.19	0.19	4.81	ppb
Vanadium	51-2	0.67	0.54	0.48	0.56	17.44	ppb
Yttrium	89-1				105		%
Yttrium	89-2				90		%
Zinc	66-2	30.72	28.48	31.25	30.15	4.88	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5414-01	Instrumnet Name :	P8
Client Sample ID :	381001013.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:48:46	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.03	0.03	0.04	24.26	ppb
Zirconium	91-1	0.03	0.02	0.06	0.03	59.92	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5423-01	Instrumnet Name :	P8
Client Sample ID :	381002186.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:52:09	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.13	14.20	8.28	12.54	29.64	ppb
Antimony	121-1	0.24	0.26	0.27	0.26	6.65	ppb
Arsenic	75-1	7.37	7.77	7.58	7.57	2.61	ppb
Barium	135-1	10.11	10.31	9.99	10.14	1.60	ppb
Barium	137-1	10.22	10.27	10.14	10.21	0.61	ppb
Beryllium	9-1	0.08	0.07	0.09	0.08	12.68	ppb
Bismuth	209-1				121		%
Bismuth	209-2				113		%
Boron	10-1	856.49	887.85	925.26	889.87	3.87	ppb
Boron	11-1	875.08	906.14	930.50	903.91	3.07	ppb
Cadmium	111-1	-0.06	-0.01	-0.09	-0.05		ppb
Cadmium	106-1	-0.74	-0.37	-1.34	-0.82		ppb
Cadmium	108-1	0.22	0.06	0.11	0.13	61.92	ppb
Calcium	43-1	315491.18	319033.15	312722.29	315748.87	1.00	ppb
Calcium	44-1	313702.36	317821.49	313792.99	315105.61	0.75	ppb
Chromium	52-2	0.26	0.35	0.38	0.33	17.72	ppb
Cobalt	59-2	0.14	0.14	0.15	0.14	4.54	ppb
Copper	63-2	67.66	66.53	68.39	67.53	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				116		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	56-2	2051.36	2028.52	2065.58	2048.49	0.91	ppb
Iron	57-2	2000.33	1965.34	2041.93	2002.53	1.91	ppb
Krypton	83-1	-5705.50	-2385.48	-4764.42	-4285.14		ppb
Lead	206-1	1.59	1.64	1.61	1.61	1.64	ppb
Lead	207-1	1.51	1.48	1.47	1.49	1.52	ppb
Lead	208-1	1.53	1.56	1.55	1.55	0.95	ppb
Lithium	6-1				102		%
Magnesium	24-2	40404.83	40551.17	40972.15	40642.72	0.72	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5423-01	Instrumnet Name :	P8
Client Sample ID :	381002186.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:52:09	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	326.42	326.07	328.48	326.99	0.40	ppb
Molybdenum	94-1	9.39	9.25	9.29	9.31	0.80	ppb
Molybdenum	95-1	12.50	12.52	12.69	12.57	0.83	ppb
Molybdenum	96-1	12.24	12.32	12.28	12.28	0.34	ppb
Molybdenum	97-1	12.36	12.74	12.57	12.56	1.48	ppb
Molybdenum	98-1	12.69	12.77	12.86	12.77	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.60	0.51	0.55	8.53	ppb
Phosphorus	31-2	17.10	16.99	-7.13	8.99	155.28	ppb
Potassium	39-2	1537.28	1599.02	1589.02	1575.11	2.10	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				96		%
Scandium	45-2				87		%
Selenium	77-2	3.36	-1.56	-1.56	0.08	3484.99	ppb
Selenium	78-2	0.86	-0.77	0.03	0.04	2062.11	ppb
Selenium	82-1	0.80	0.41	0.68	0.63	31.59	ppb
Silicon	28-1	7636.79	7758.47	7555.93	7650.40	1.33	ppb
Silver	109-1	0.06	0.07	0.09	0.07	18.30	ppb
Silver	107-1	0.07	0.07	0.07	0.07	4.90	ppb
Sodium	23-2	68022.28	67409.67	69154.96	68195.64	1.30	ppb
Strontium	86-1	5917.02	5926.76	5892.53	5912.10	0.30	ppb
Strontium	88-1	6033.50	6015.08	6002.98	6017.19	0.26	ppb
Sulfur	34-1	248348.86	252466.97	248297.68	249704.50	0.96	ppb
Terbium	159-1				120		%
Terbium	159-2				115		%
Thallium	203-1	0.02	0.03	0.02	0.02	22.47	ppb
Thallium	205-1	0.02	0.02	0.03	0.03	15.76	ppb
Tin	118-1	0.50	0.49	0.50	0.50	0.25	ppb
Titanium	47-1	0.53	0.49	0.48	0.50	5.46	ppb
Uranium	238-1	2.93	2.92	2.89	2.92	0.69	ppb
Vanadium	51-2	2.85	2.74	2.84	2.81	2.08	ppb
Yttrium	89-1				107		%
Yttrium	89-2				95		%
Zinc	66-2	472.53	465.06	473.38	470.32	0.97	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5423-01	Instrumnet Name :	P8
Client Sample ID :	381002186.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:52:09	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.23	0.22	0.23	3.41	ppb
Zirconium	91-1	0.26	0.19	0.16	0.20	24.27	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5424-01	Instrumnet Name :	P8
Client Sample ID :	381001041.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:22:18	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.73	10.97	13.40	11.37	16.40	ppb
Antimony	121-1	0.11	0.14	0.15	0.13	13.73	ppb
Arsenic	75-1	5.86	6.94	7.85	6.88	14.52	ppb
Barium	135-1	546.33	549.10	595.47	563.64	4.90	ppb
Barium	137-1	563.26	563.99	611.68	579.64	4.79	ppb
Beryllium	9-1	0.02	-0.01	0.02	0.01	147.85	ppb
Bismuth	209-1				121		%
Bismuth	209-2				115		%
Boron	10-1	59.01	61.28	63.05	61.11	3.31	ppb
Boron	11-1	58.81	60.16	65.81	61.59	6.03	ppb
Cadmium	111-1	-0.09	-0.10	-0.06	-0.08		ppb
Cadmium	106-1	-1.33	-1.46	-0.89	-1.22		ppb
Cadmium	108-1	0.02	0.00	0.07	0.03	140.39	ppb
Calcium	43-1	57172.09	58238.12	62896.14	59435.45	5.12	ppb
Calcium	44-1	56833.78	57815.24	62343.21	58997.41	4.98	ppb
Chromium	52-2	0.22	0.21	0.16	0.20	17.59	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00		ppb
Copper	63-2	11.24	11.27	11.52	11.34	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				121		%
Holmium	165-2				115		%
Indium	115-1				112		%
Indium	115-2				101		%
Iron	56-2	1.83	1.99	2.18	2.00	8.93	ppb
Iron	57-2	6.32	3.67	2.51	4.17	46.79	ppb
Krypton	83-1	-6009.57	-6684.30	-259.43	-4317.77		ppb
Lead	206-1	0.19	0.21	0.24	0.21	10.76	ppb
Lead	207-1	0.20	0.20	0.19	0.20	1.62	ppb
Lead	208-1	0.20	0.19	0.21	0.20	4.37	ppb
Lithium	6-1				102		%
Magnesium	24-2	13092.66	13498.54	13901.69	13497.63	3.00	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5424-01	Instrumnet Name :	P8
Client Sample ID :	381001041.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:22:18	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.10	0.17	0.19	0.15	31.49	ppb
Molybdenum	94-1	0.14	0.15	0.15	0.15	4.31	ppb
Molybdenum	95-1	0.11	0.15	0.11	0.12	16.41	ppb
Molybdenum	96-1	0.12	0.09	0.14	0.12	20.54	ppb
Molybdenum	97-1	0.12	0.07	0.14	0.11	31.83	ppb
Molybdenum	98-1	0.10	0.11	0.11	0.11	5.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.17	0.18	0.15	29.16	ppb
Phosphorus	31-2	15.64	-7.13	65.47	24.66	150.56	ppb
Potassium	39-2	1188.75	1214.29	1270.64	1224.56	3.42	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	77-2	-1.56	3.29	-1.56	0.06	4955.51	ppb
Selenium	78-2	-0.77	0.03	-0.77	-0.50		ppb
Selenium	82-1	0.24	0.76	-0.27	0.24	209.66	ppb
Silicon	28-1	9401.90	9590.26	10312.57	9768.24	4.92	ppb
Silver	109-1	0.07	0.07	0.09	0.08	15.58	ppb
Silver	107-1	0.07	0.07	0.10	0.08	20.08	ppb
Sodium	23-2	12309.12	12660.38	12936.34	12635.28	2.49	ppb
Strontium	86-1	135.28	134.89	147.49	139.22	5.15	ppb
Strontium	88-1	141.14	139.83	153.92	144.96	5.37	ppb
Sulfur	34-1	1824.56	2007.39	3005.86	2279.27	27.90	ppb
Terbium	159-1				119		%
Terbium	159-2				115		%
Thallium	203-1	0.04	0.04	0.04	0.04	11.41	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	17.16	ppb
Tin	118-1	0.01	0.01	0.04	0.02	88.44	ppb
Titanium	47-1	0.41	0.42	0.46	0.43	6.64	ppb
Uranium	238-1	1.17	1.16	1.29	1.21	5.87	ppb
Vanadium	51-2	5.08	5.48	5.77	5.44	6.40	ppb
Yttrium	89-1				107		%
Yttrium	89-2				96		%
Zinc	66-2	23.92	23.84	23.66	23.81	0.55	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5424-01	Instrumnet Name :	P8
Client Sample ID :	381001041.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:22:18	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.04	0.04	10.07	ppb
Zirconium	91-1	0.04	0.07	0.03	0.04	42.57	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113804BL	Instrumnet Name :	P8
Client Sample ID :	PB113804BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:25:40	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.26	1.50	0.61	0.62	142.07	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	19.27	ppb
Arsenic	75-1	0.60	0.53	0.51	0.55	8.77	ppb
Barium	135-1	0.03	0.02	0.00	0.02	71.71	ppb
Barium	137-1	0.03	0.01	0.02	0.02	53.74	ppb
Beryllium	9-1	0.04	0.05	0.04	0.04	16.80	ppb
Bismuth	209-1				115		%
Bismuth	209-2				108		%
Boron	10-1	6.69	7.66	6.22	6.86	10.66	ppb
Boron	11-1	7.63	7.69	7.17	7.50	3.77	ppb
Cadmium	111-1	-0.05	-0.05	-0.04	-0.05		ppb
Cadmium	106-1	-0.75	-0.76	-0.51	-0.67		ppb
Cadmium	108-1	-0.03	0.02	0.00	0.00		ppb
Calcium	43-1	-3.95	-3.01	-3.73	-3.56		ppb
Calcium	44-1	4.49	3.15	1.59	3.08	47.07	ppb
Chromium	52-2	0.03	0.00	-0.10	-0.02		ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.14	0.13	0.06	0.11	35.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	56-2	0.32	0.39	0.19	0.30	34.21	ppb
Iron	57-2	-0.07	-1.81	-1.82	-1.24		ppb
Krypton	83-1	-3375.54	-607.73	-2151.25	-2044.84		ppb
Lead	206-1	0.02	0.02	0.03	0.02	21.20	ppb
Lead	207-1	0.02	0.02	0.03	0.02	12.15	ppb
Lead	208-1	0.03	0.02	0.03	0.03	18.36	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.71	3.14	3.37	2.74	32.74	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113804BL	Instrumnet Name :	P8
Client Sample ID :	PB113804BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:25:40	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	-0.03	-0.01		ppb
Molybdenum	94-1	0.00	0.00	0.03	0.01	168.94	ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.01	-0.02	0.00	0.00		ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.07	-0.04	0.03	201.70	ppb
Phosphorus	31-2	-7.13	42.33	-7.13	9.36	305.14	ppb
Potassium	39-2	-20.65	2.97	-21.46	-13.05		ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.08	-0.77	-0.77	-0.49		ppb
Selenium	82-1	0.43	0.00	-0.18	0.09	364.13	ppb
Silicon	28-1	-2.41	-7.46	-8.89	-6.25		ppb
Silver	109-1	0.03	0.04	0.02	0.03	29.70	ppb
Silver	107-1	0.04	0.03	0.03	0.03	22.13	ppb
Sodium	23-2	-8.87	-4.50	-10.90	-8.09		ppb
Strontium	86-1	0.02	-0.01	-0.03	-0.01		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	50.71	ppb
Sulfur	34-1	-521.11	-445.96	-587.28	-518.12		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.01	0.01	0.01	35.64	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	15.60	ppb
Tin	118-1	0.00	-0.02	-0.02	-0.01		ppb
Titanium	47-1	-0.01	0.00	0.03	0.01	196.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	1085.73	ppb
Yttrium	89-1				104		%
Yttrium	89-2				92		%
Zinc	66-2	-0.06	-0.11	0.09	-0.03		ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113804BL	Instrumnet Name :	P8
Client Sample ID :	PB113804BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:25:40	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.00	0.01	127.16	ppb
Zirconium	91-1	-0.02	0.00	0.01	-0.01		ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113804BS	Instrumnet Name :	P8
Client Sample ID :	PB113804BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:29:03	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9552.35	9520.99	9240.67	9438.00	1.82	ppb
Antimony	121-1	492.59	487.26	489.70	489.85	0.54	ppb
Arsenic	75-1	508.07	513.24	501.46	507.59	1.16	ppb
Barium	135-1	2523.26	2454.84	2447.84	2475.31	1.68	ppb
Barium	137-1	2477.34	2432.34	2437.37	2449.02	1.01	ppb
Beryllium	9-1	477.99	479.50	477.91	478.47	0.19	ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	465.72	474.60	495.83	478.72	3.23	ppb
Boron	11-1	469.71	478.96	495.33	481.33	2.69	ppb
Cadmium	111-1	482.67	478.34	478.27	479.76	0.53	ppb
Cadmium	106-1	482.95	483.26	483.94	483.38	0.10	ppb
Cadmium	108-1	493.69	481.55	480.12	485.12	1.54	ppb
Calcium	43-1	49192.99	49995.81	49232.41	49473.74	0.91	ppb
Calcium	44-1	49565.09	50553.66	48944.46	49687.74	1.63	ppb
Chromium	52-2	513.49	513.68	503.12	510.10	1.18	ppb
Cobalt	59-2	511.99	512.99	499.77	508.25	1.45	ppb
Copper	63-2	1031.57	1038.99	1015.23	1028.60	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	25734.31	25436.18	24867.41	25345.96	1.74	ppb
Iron	57-2	25267.34	25198.95	24548.37	25004.89	1.59	ppb
Krypton	83-1	-2333.51	-4761.85	255.17	-2280.06		ppb
Lead	206-1	502.75	508.32	498.23	503.10	1.00	ppb
Lead	207-1	502.79	507.70	501.08	503.86	0.68	ppb
Lead	208-1	501.87	505.26	497.63	501.59	0.76	ppb
Lithium	6-1				92		%
Magnesium	24-2	52082.84	51421.63	49959.16	51154.54	2.12	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113804BS	Instrumnet Name :	P8
Client Sample ID :	PB113804BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:29:03	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1025.41	1013.39	987.96	1008.92	1.90	ppb
Molybdenum	94-1	2490.33	2517.03	2486.14	2497.83	0.67	ppb
Molybdenum	95-1	2494.97	2528.45	2488.58	2504.00	0.86	ppb
Molybdenum	96-1	2485.87	2519.60	2471.98	2492.48	0.98	ppb
Molybdenum	97-1	2470.98	2517.59	2473.90	2487.49	1.05	ppb
Molybdenum	98-1	2495.23	2537.05	2494.08	2508.79	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.10	527.98	514.09	520.72	1.34	ppb
Phosphorus	31-2	10700.66	9140.97	9626.29	9822.64	8.13	ppb
Potassium	39-2	23639.98	23736.88	23041.43	23472.76	1.60	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	77-2	540.19	519.89	570.93	543.67	4.73	ppb
Selenium	78-2	507.36	516.25	467.87	497.16	5.18	ppb
Selenium	82-1	488.19	494.52	496.04	492.92	0.84	ppb
Silicon	28-1	506.65	523.97	511.90	514.18	1.73	ppb
Silver	109-1	497.33	491.15	494.15	494.21	0.63	ppb
Silver	107-1	495.89	491.07	490.42	492.46	0.61	ppb
Sodium	23-2	50508.06	50796.34	49070.68	50125.02	1.84	ppb
Strontium	86-1	485.91	492.08	485.77	487.92	0.74	ppb
Strontium	88-1	500.09	500.12	493.36	497.86	0.78	ppb
Sulfur	34-1	9415.40	9651.60	8963.47	9343.49	3.74	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	501.20	505.18	500.46	502.28	0.51	ppb
Thallium	205-1	495.60	497.69	492.19	495.16	0.56	ppb
Tin	118-1	496.52	493.70	491.90	494.04	0.47	ppb
Titanium	47-1	2573.41	2571.31	2504.48	2549.73	1.54	ppb
Uranium	238-1	506.33	509.54	498.50	504.79	1.13	ppb
Vanadium	51-2	506.79	505.62	492.90	501.77	1.54	ppb
Yttrium	89-1				101		%
Yttrium	89-2				91		%
Zinc	66-2	1042.28	1050.71	1027.06	1040.02	1.15	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113804BS	Instrumnet Name :	P8
Client Sample ID :	PB113804BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:29:03	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	494.96	499.73	492.14	495.61	0.77	ppb
Zirconium	91-1	493.51	509.03	494.99	499.18	1.72	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:32:16	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50521.23	49676.89	51003.84	50400.65	1.33	ppb
Antimony	121-1	501.89	494.34	496.06	497.43	0.80	ppb
Arsenic	75-1	501.90	504.00	499.79	501.89	0.42	ppb
Barium	135-1	2514.04	2522.72	2503.23	2513.33	0.39	ppb
Barium	137-1	2503.14	2484.67	2491.02	2492.94	0.38	ppb
Beryllium	9-1	505.15	502.86	511.06	506.36	0.84	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	517.20	532.23	540.89	530.11	2.26	ppb
Boron	11-1	525.52	536.29	552.70	538.17	2.54	ppb
Cadmium	111-1	476.87	477.18	477.00	477.02	0.03	ppb
Cadmium	106-1	483.06	488.93	486.26	486.09	0.60	ppb
Cadmium	108-1	488.22	487.09	483.91	486.41	0.46	ppb
Calcium	43-1	241072.70	242887.77	239140.63	241033.70	0.78	ppb
Calcium	44-1	242897.77	242842.79	242092.92	242611.16	0.19	ppb
Chromium	52-2	540.92	529.69	543.56	538.06	1.37	ppb
Cobalt	59-2	508.33	498.63	514.24	507.07	1.55	ppb
Copper	63-2	1002.94	977.25	1002.43	994.21	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	125248.92	123153.19	126778.54	125060.21	1.46	ppb
Iron	57-2	127473.14	123368.41	127731.55	126191.03	1.94	ppb
Krypton	83-1	-5453.15	-3510.48	-4748.85	-4570.83		ppb
Lead	206-1	519.69	519.57	517.97	519.07	0.18	ppb
Lead	207-1	523.34	517.25	515.77	518.79	0.77	ppb
Lead	208-1	518.66	514.97	512.01	515.21	0.65	ppb
Lithium	6-1				93		%
Magnesium	24-2	244397.02	240955.61	246038.49	243797.04	1.06	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:32:16	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1016.61	1008.78	1034.31	1019.90	1.28	ppb
Molybdenum	94-1	2572.63	2560.71	2555.26	2562.87	0.35	ppb
Molybdenum	95-1	2585.12	2568.44	2546.91	2566.82	0.75	ppb
Molybdenum	96-1	2563.25	2568.36	2552.87	2561.50	0.31	ppb
Molybdenum	97-1	2568.92	2574.12	2527.41	2556.82	1.00	ppb
Molybdenum	98-1	2579.37	2560.13	2555.70	2565.07	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.20	516.98	522.61	521.27	0.73	ppb
Phosphorus	31-2	11213.19	10337.47	10403.01	10651.23	4.58	ppb
Potassium	39-2	121758.18	120513.58	122765.79	121679.18	0.93	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	478.48	495.70	427.09	467.09	7.64	ppb
Selenium	78-2	507.62	509.91	529.82	515.78	2.37	ppb
Selenium	82-1	496.15	494.20	492.24	494.20	0.40	ppb
Silicon	28-1	502.85	507.19	501.73	503.92	0.57	ppb
Silver	109-1	491.58	486.17	486.25	488.00	0.63	ppb
Silver	107-1	486.10	486.19	489.96	487.42	0.45	ppb
Sodium	23-2	246075.11	241803.12	248915.89	245598.04	1.46	ppb
Strontium	86-1	502.20	502.50	495.95	500.22	0.74	ppb
Strontium	88-1	511.61	509.06	502.99	507.89	0.87	ppb
Sulfur	34-1	9300.24	9117.76	9048.35	9155.45	1.42	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	529.66	519.26	516.33	521.75	1.34	ppb
Thallium	205-1	517.82	512.49	509.78	513.36	0.80	ppb
Tin	118-1	497.76	498.59	496.05	497.46	0.26	ppb
Titanium	47-1	2569.98	2573.37	2540.53	2561.29	0.71	ppb
Uranium	238-1	538.67	531.91	525.99	532.19	1.19	ppb
Vanadium	51-2	516.92	508.96	520.36	515.41	1.13	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	1011.55	990.13	1024.49	1008.72	1.72	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:32:16	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	515.71	509.11	506.22	510.34	0.95	ppb
Zirconium	91-1	518.86	519.80	511.41	516.69	0.89	ppb

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : CCB99 Instrumnet Name : P8
 Client Sample ID : CCB99 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 15:42:19 DataFile Name : 054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.57	-0.70	1.04	0.31	296.05	ppb
Antimony	121-1	0.36	0.42	0.39	0.39	7.70	ppb
Arsenic	75-1	0.07	0.05	0.06	0.06	18.75	ppb
Barium	135-1	0.01	0.01	0.00	0.01	56.14	ppb
Barium	137-1	0.01	0.02	0.01	0.02	45.46	ppb
Beryllium	9-1	0.20	0.14	0.14	0.16	22.26	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Boron	10-1	7.62	8.34	8.49	8.15	5.73	ppb
Boron	11-1	8.64	8.56	8.13	8.45	3.26	ppb
Cadmium	111-1	-0.04	-0.09	-0.04	-0.06		ppb
Cadmium	106-1	-0.57	-1.34	-0.78	-0.90		ppb
Cadmium	108-1	0.02	0.02	0.05	0.03	47.39	ppb
Calcium	43-1	0.55	-6.21	-6.61	-4.09		ppb
Calcium	44-1	2.69	1.24	1.37	1.76	45.46	ppb
Chromium	52-2	0.01	-0.09	-0.09	-0.06		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.05	0.08	0.10	0.08	36.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	56-2	1.06	1.26	1.46	1.26	15.74	ppb
Iron	57-2	0.74	-0.58	0.38	0.18	376.20	ppb
Krypton	83-1	14.24	-2149.80	-3877.92	-2004.49		ppb
Lead	206-1	0.03	0.03	0.04	0.03	5.91	ppb
Lead	207-1	0.03	0.04	0.04	0.04	9.05	ppb
Lead	208-1	0.04	0.04	0.04	0.04	3.57	ppb
Lithium	6-1				96		%
Magnesium	24-2	2.54	7.05	5.99	5.19	45.35	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB99	Instrumnet Name :	P8
Client Sample ID :	CCB99	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:42:19	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.05	0.03	-0.01		ppb
Molybdenum	94-1	0.22	0.23	0.22	0.22	3.29	ppb
Molybdenum	95-1	0.18	0.17	0.19	0.18	4.31	ppb
Molybdenum	96-1	0.19	0.23	0.18	0.20	13.92	ppb
Molybdenum	97-1	0.18	0.24	0.20	0.21	15.43	ppb
Molybdenum	98-1	0.21	0.19	0.20	0.20	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-7.13	-7.13	-7.13	-7.13		ppb
Potassium	39-2	8.80	-11.19	-3.35	-1.91		ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.06	0.05	-0.77	-0.22		ppb
Selenium	82-1	-0.11	0.19	-0.01	0.02	654.18	ppb
Silicon	28-1	-7.61	-7.05	-7.12	-7.26		ppb
Silver	109-1	0.02	0.02	0.03	0.02	8.97	ppb
Silver	107-1	0.03	0.02	0.02	0.02	15.27	ppb
Sodium	23-2	-2.34	-6.78	-12.27	-7.13		ppb
Strontium	86-1	-0.01	-0.02	0.01	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	27.54	ppb
Sulfur	34-1	-980.20	-1021.12	-919.08	-973.47		ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.07	0.07	0.07	6.30	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.89	ppb
Tin	118-1	0.06	0.07	0.05	0.06	15.41	ppb
Titanium	47-1	0.05	0.09	0.05	0.06	31.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.02	0.01	72.52	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	0.21	0.11	-0.06	0.09	157.58	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB99	Instrumnet Name :	P8
Client Sample ID :	CCB99	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:42:19	DataFile Name :	054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.06	0.06	2.17	ppb
Zirconium	91-1	0.06	0.05	0.06	0.06	8.02	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:45:42	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63.09	69.48	54.32	62.30	12.22	ppb
Antimony	121-1	0.22	0.22	0.22	0.22	1.50	ppb
Arsenic	75-1	3.13	3.47	3.48	3.36	5.96	ppb
Barium	135-1	1.68	1.58	1.62	1.63	3.12	ppb
Barium	137-1	1.63	1.64	1.64	1.64	0.40	ppb
Beryllium	9-1	0.20	0.20	0.15	0.18	17.76	ppb
Bismuth	209-1				124		%
Bismuth	209-2				114		%
Boron	10-1	10.46	11.40	11.70	11.19	5.78	ppb
Boron	11-1	11.14	11.36	11.36	11.29	1.09	ppb
Cadmium	111-1	-0.03	0.03	0.01	0.00	2217.00	ppb
Cadmium	106-1	-1.13	-0.70	-1.20	-1.01		ppb
Cadmium	108-1	0.08	0.08	0.15	0.11	36.77	ppb
Calcium	43-1	7361.05	7357.00	7437.82	7385.29	0.62	ppb
Calcium	44-1	7493.73	7472.71	7554.01	7506.82	0.56	ppb
Chromium	52-2	1.07	0.95	1.09	1.04	7.09	ppb
Cobalt	59-2	0.81	0.82	0.69	0.77	9.60	ppb
Copper	63-2	9.92	10.18	9.96	10.02	1.41	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				122		%
Holmium	165-2				112		%
Indium	115-1				115		%
Indium	115-2				100		%
Iron	56-2	18.58	19.04	18.47	18.70	1.62	ppb
Iron	57-2	15.31	16.96	16.95	16.41	5.78	ppb
Krypton	83-1	-4225.19	-4222.94	-5667.85	-4705.32		ppb
Lead	206-1	4.70	4.56	4.54	4.60	1.83	ppb
Lead	207-1	4.33	4.16	4.18	4.22	2.18	ppb
Lead	208-1	4.44	4.34	4.35	4.38	1.29	ppb
Lithium	6-1				105		%
Magnesium	24-2	1265.26	1308.99	1296.10	1290.12	1.74	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:45:42	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.13	3.21	3.37	3.24	3.75	ppb
Molybdenum	94-1	0.07	0.12	0.12	0.10	31.30	ppb
Molybdenum	95-1	0.07	0.09	0.10	0.09	16.50	ppb
Molybdenum	96-1	0.07	0.08	0.11	0.09	24.18	ppb
Molybdenum	97-1	0.11	0.10	0.09	0.10	12.86	ppb
Molybdenum	98-1	0.08	0.07	0.05	0.07	27.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.53	4.51	3.74	4.26	10.54	ppb
Phosphorus	31-2	179.59	278.81	421.50	293.30	41.46	ppb
Potassium	39-2	1954.78	2000.75	1880.86	1945.46	3.11	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				100		%
Scandium	45-2				89		%
Selenium	77-2	-1.56	-1.56	3.37	0.09	3344.02	ppb
Selenium	78-2	-0.77	-0.77	-0.77	-0.77		ppb
Selenium	82-1	-0.01	0.12	0.17	0.09	99.08	ppb
Silicon	28-1	3491.41	3468.68	3471.85	3477.31	0.35	ppb
Silver	109-1	0.08	0.10	0.13	0.10	21.06	ppb
Silver	107-1	0.10	0.11	0.13	0.11	9.85	ppb
Sodium	23-2	4977.17	5036.55	4977.23	4996.99	0.69	ppb
Strontium	86-1	27.42	27.65	27.96	27.68	0.98	ppb
Strontium	88-1	28.43	28.20	28.18	28.27	0.48	ppb
Sulfur	34-1	-728.76	-935.16	-915.87	-859.93		ppb
Terbium	159-1				121		%
Terbium	159-2				112		%
Thallium	203-1	0.15	0.15	0.16	0.16	4.80	ppb
Thallium	205-1	0.14	0.14	0.16	0.15	8.65	ppb
Tin	118-1	0.30	0.34	0.30	0.31	7.63	ppb
Titanium	47-1	0.61	0.61	0.67	0.63	5.42	ppb
Uranium	238-1	0.05	0.06	0.05	0.05	2.49	ppb
Vanadium	51-2	0.22	0.15	0.22	0.20	19.55	ppb
Yttrium	89-1				110		%
Yttrium	89-2				96		%
Zinc	66-2	31.24	32.95	32.42	32.20	2.72	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:45:42	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.09	0.02	0.04	98.22	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	36.81	ppb

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : J5398-01DUP Instrumnet Name : P8
 Client Sample ID : 381003727-PBCU174DU Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 15:49:04 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.26	55.02	62.79	54.69	15.13	ppb
Antimony	121-1	0.17	0.20	0.20	0.19	9.39	ppb
Arsenic	75-1	4.05	4.50	4.55	4.37	6.29	ppb
Barium	135-1	1.64	1.59	1.66	1.63	2.51	ppb
Barium	137-1	1.55	1.58	1.67	1.60	3.71	ppb
Beryllium	9-1	0.10	0.15	0.14	0.13	18.70	ppb
Bismuth	209-1				125		%
Bismuth	209-2				112		%
Boron	10-1	10.77	9.81	10.07	10.22	4.86	ppb
Boron	11-1	10.45	10.13	10.27	10.28	1.57	ppb
Cadmium	111-1	0.01	0.00	0.03	0.01	151.15	ppb
Cadmium	106-1	-0.69	-0.76	-0.64	-0.70		ppb
Cadmium	108-1	0.00	0.08	0.06	0.05	98.41	ppb
Calcium	43-1	7240.69	7354.64	7316.95	7304.09	0.79	ppb
Calcium	44-1	7394.57	7568.90	7402.57	7455.35	1.32	ppb
Chromium	52-2	1.17	0.94	1.11	1.08	10.96	ppb
Cobalt	59-2	0.72	0.70	0.79	0.74	6.39	ppb
Copper	63-2	10.06	9.70	10.24	10.00	2.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				123		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				98		%
Iron	56-2	17.33	17.13	18.29	17.58	3.53	ppb
Iron	57-2	21.82	16.05	17.45	18.44	16.30	ppb
Krypton	83-1	-3568.33	-4900.25	-7177.54	-5215.37		ppb
Lead	206-1	4.51	4.61	4.53	4.55	1.19	ppb
Lead	207-1	4.23	4.19	4.11	4.18	1.53	ppb
Lead	208-1	4.34	4.33	4.27	4.31	0.83	ppb
Lithium	6-1				104		%
Magnesium	24-2	1269.64	1295.74	1307.29	1290.89	1.49	ppb

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : J5398-01DUP Instrumnet Name : P8
 Client Sample ID : 381003727-PBCU174DU Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 15:49:04 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.97	2.92	2.91	2.93	0.97	ppb
Molybdenum	94-1	0.08	0.06	0.07	0.07	11.72	ppb
Molybdenum	95-1	0.05	0.02	0.02	0.03	46.14	ppb
Molybdenum	96-1	0.06	0.03	0.06	0.05	30.80	ppb
Molybdenum	97-1	0.07	0.05	0.03	0.05	35.91	ppb
Molybdenum	98-1	0.06	0.04	0.04	0.05	19.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.22	4.12	4.21	4.18	1.40	ppb
Phosphorus	31-2	184.74	372.93	317.77	291.81	33.15	ppb
Potassium	39-2	1968.17	1896.42	2032.00	1965.53	3.45	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				87		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	-0.77	-0.77	0.10	-0.48		ppb
Selenium	82-1	-0.04	0.35	0.49	0.27	103.04	ppb
Silicon	28-1	3396.69	3430.47	3404.73	3410.63	0.52	ppb
Silver	109-1	0.09	0.10	0.11	0.10	8.87	ppb
Silver	107-1	0.09	0.10	0.12	0.10	13.19	ppb
Sodium	23-2	4932.15	4850.47	5135.32	4972.65	2.95	ppb
Strontium	86-1	27.80	27.65	27.61	27.69	0.36	ppb
Strontium	88-1	28.10	28.26	28.04	28.13	0.41	ppb
Sulfur	34-1	-1353.22	-1226.46	-1449.03	-1342.91		ppb
Terbium	159-1				122		%
Terbium	159-2				110		%
Thallium	203-1	0.07	0.07	0.06	0.07	7.42	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	7.78	ppb
Tin	118-1	0.28	0.27	0.25	0.27	5.50	ppb
Titanium	47-1	0.79	0.53	0.63	0.65	19.78	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	6.19	ppb
Vanadium	51-2	0.20	0.22	0.23	0.22	8.14	ppb
Yttrium	89-1				109		%
Yttrium	89-2				93		%
Zinc	66-2	30.68	31.48	33.77	31.97	5.01	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01DUP	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174DU	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:49:04	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.01	0.01	20.78	ppb
Zirconium	91-1	0.03	0.00	0.00	0.01	197.93	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01LX5	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-12 15:52:26	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.67	12.71	13.22	12.53	6.29	ppb
Antimony	121-1	0.16	0.15	0.17	0.16	5.62	ppb
Arsenic	75-1	1.27	1.48	1.49	1.41	8.87	ppb
Barium	135-1	0.34	0.36	0.37	0.36	3.78	ppb
Barium	137-1	0.34	0.32	0.36	0.34	6.90	ppb
Beryllium	9-1	0.10	0.12	0.10	0.10	10.36	ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Boron	10-1	6.56	6.18	7.15	6.63	7.37	ppb
Boron	11-1	5.96	5.72	6.58	6.09	7.29	ppb
Cadmium	111-1	-0.03	-0.08	-0.07	-0.06		ppb
Cadmium	106-1	-0.57	-1.24	-1.00	-0.94		ppb
Cadmium	108-1	0.02	0.00	0.00	0.00	265.23	ppb
Calcium	43-1	1492.97	1493.66	1509.01	1498.55	0.61	ppb
Calcium	44-1	1487.01	1505.87	1582.35	1525.07	3.31	ppb
Chromium	52-2	0.22	0.26	0.22	0.23	11.31	ppb
Cobalt	59-2	0.12	0.14	0.14	0.13	8.27	ppb
Copper	63-2	2.16	2.19	2.11	2.15	1.75	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				109		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	3.71	3.87	4.30	3.96	7.61	ppb
Iron	57-2	2.08	5.41	2.03	3.17	61.15	ppb
Krypton	83-1	-1682.14	-4308.51	-2170.13	-2720.26		ppb
Lead	206-1	0.88	0.91	1.02	0.94	7.71	ppb
Lead	207-1	0.84	0.83	0.89	0.85	4.13	ppb
Lead	208-1	0.87	0.89	0.95	0.91	4.64	ppb
Lithium	6-1				95		%
Magnesium	24-2	265.28	261.35	256.57	261.07	1.67	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01LX5	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-12 15:52:26	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.88	0.41	0.65	0.64	36.63	ppb
Molybdenum	94-1	0.09	0.08	0.07	0.08	10.80	ppb
Molybdenum	95-1	0.05	0.01	0.04	0.03	64.39	ppb
Molybdenum	96-1	0.06	0.03	0.04	0.05	36.50	ppb
Molybdenum	97-1	0.02	0.01	-0.01	0.01	253.27	ppb
Molybdenum	98-1	0.03	0.03	0.06	0.04	40.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.85	0.85	0.84	3.11	ppb
Phosphorus	31-2	89.56	40.40	88.46	72.81	38.55	ppb
Potassium	39-2	399.14	372.89	365.21	379.08	4.69	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.06	-0.77	-0.77	-0.49		ppb
Selenium	82-1	-0.20	0.47	0.45	0.24	158.12	ppb
Silicon	28-1	701.19	700.87	748.70	716.92	3.84	ppb
Silver	109-1	0.06	0.06	0.05	0.06	4.97	ppb
Silver	107-1	0.05	0.05	0.05	0.05	6.10	ppb
Sodium	23-2	993.08	982.62	990.76	988.82	0.56	ppb
Strontium	86-1	5.76	5.86	6.12	5.91	3.21	ppb
Strontium	88-1	5.76	5.79	6.08	5.87	3.07	ppb
Sulfur	34-1	-1719.23	-1832.59	-1250.86	-1600.89		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.02	0.03	0.01	0.02	43.26	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	16.58	ppb
Tin	118-1	0.07	0.05	0.09	0.07	30.45	ppb
Titanium	47-1	0.09	0.14	0.14	0.12	25.05	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.08	ppb
Vanadium	51-2	0.03	0.05	0.06	0.04	35.03	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	6.68	6.18	6.58	6.48	4.11	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01LX5	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-12 15:52:26	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.04	0.03	38.05	ppb
Zirconium	91-1	0.04	0.02	0.02	0.03	38.33	ppb

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : J5398-01MS Instrumnet Name : P8
 Client Sample ID : 381003727-PBCU174MS Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 15:55:49 DataFile Name : 058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1805.44	1874.34	1845.87	1841.89	1.88	ppb
Antimony	121-1	694.04	693.96	690.20	692.73	0.32	ppb
Arsenic	75-1	806.72	812.54	807.44	808.90	0.39	ppb
Barium	135-1	195.93	194.71	193.80	194.82	0.55	ppb
Barium	137-1	195.57	195.75	193.36	194.90	0.68	ppb
Beryllium	9-1	183.45	185.02	182.67	183.71	0.65	ppb
Bismuth	209-1				128		%
Bismuth	209-2				116		%
Boron	10-1	275.48	285.88	291.80	284.39	2.91	ppb
Boron	11-1	275.56	282.69	288.44	282.23	2.29	ppb
Cadmium	111-1	190.72	190.92	187.09	189.58	1.14	ppb
Cadmium	106-1	163.11	162.11	157.16	160.79	1.98	ppb
Cadmium	108-1	179.55	180.12	175.28	178.32	1.48	ppb
Calcium	43-1	8427.63	8406.16	8374.06	8402.62	0.32	ppb
Calcium	44-1	8510.00	8595.83	8520.50	8542.11	0.55	ppb
Chromium	52-2	407.49	415.68	430.37	417.85	2.77	ppb
Cobalt	59-2	210.63	216.56	218.44	215.21	1.89	ppb
Copper	63-2	336.53	347.71	354.28	346.17	2.59	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				124		%
Holmium	165-2				116		%
Indium	115-1				113		%
Indium	115-2				98		%
Iron	56-2	3176.21	3183.40	3256.18	3205.26	1.38	ppb
Iron	57-2	3022.65	3121.59	3155.82	3100.02	2.23	ppb
Krypton	83-1	-4123.25	-6928.95	-5746.28	-5599.49		ppb
Lead	206-1	963.89	971.03	972.61	969.17	0.48	ppb
Lead	207-1	947.06	950.50	957.23	951.59	0.54	ppb
Lead	208-1	961.52	963.19	969.36	964.69	0.43	ppb
Lithium	6-1				105		%
Magnesium	24-2	3294.64	3334.06	3367.60	3332.10	1.10	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01MS	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:55:49	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	201.38	204.28	207.88	204.51	1.59	ppb
Molybdenum	94-1	258.32	262.92	260.44	260.56	0.88	ppb
Molybdenum	95-1	372.48	382.44	380.87	378.60	1.41	ppb
Molybdenum	96-1	367.02	365.58	366.16	366.25	0.20	ppb
Molybdenum	97-1	364.11	369.43	369.67	367.74	0.85	ppb
Molybdenum	98-1	372.64	385.05	377.92	378.54	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	537.77	553.89	555.02	548.89	1.76	ppb
Phosphorus	31-2	6336.99	6661.78	6384.24	6461.00	2.72	ppb
Potassium	39-2	11131.49	11541.16	11660.73	11444.46	2.43	ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				100		%
Scandium	45-2				88		%
Selenium	77-2	1975.21	1833.05	1991.69	1933.32	4.51	ppb
Selenium	78-2	1954.78	1938.62	1953.29	1948.89	0.46	ppb
Selenium	82-1	1967.07	1999.37	1983.99	1983.48	0.81	ppb
Silicon	28-1	4384.61	4398.52	4331.43	4371.52	0.81	ppb
Silver	109-1	70.19	70.87	70.27	70.44	0.52	ppb
Silver	107-1	71.41	71.51	70.39	71.10	0.87	ppb
Sodium	23-2	7864.94	8042.97	8201.77	8036.56	2.10	ppb
Strontium	86-1	213.03	216.56	216.20	215.26	0.90	ppb
Strontium	88-1	220.88	220.21	220.33	220.47	0.16	ppb
Sulfur	34-1	-1436.07	-1406.17	-1414.24	-1418.83		ppb
Terbium	159-1				124		%
Terbium	159-2				114		%
Thallium	203-1	1911.02	1908.47	1918.80	1912.76	0.28	ppb
Thallium	205-1	1903.09	1912.75	1910.81	1908.88	0.27	ppb
Tin	118-1	648.15	652.21	646.33	648.90	0.46	ppb
Titanium	47-1	190.96	191.51	191.31	191.26	0.15	ppb
Uranium	238-1	0.05	0.06	0.05	0.05	3.21	ppb
Vanadium	51-2	301.55	308.25	313.68	307.83	1.97	ppb
Yttrium	89-1				111		%
Yttrium	89-2				96		%
Zinc	66-2	252.74	254.72	261.63	256.36	1.82	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01MS	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:55:49	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.16	0.92	0.72	0.93	23.59	ppb
Zirconium	91-1	1.35	1.15	0.95	1.15	17.00	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01MSD	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:59:06	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1936.31	1769.74	1840.57	1848.87	4.52	ppb
Antimony	121-1	685.52	696.75	692.14	691.47	0.82	ppb
Arsenic	75-1	814.15	807.39	802.16	807.90	0.74	ppb
Barium	135-1	191.56	193.38	193.38	192.77	0.55	ppb
Barium	137-1	192.99	196.08	194.89	194.65	0.80	ppb
Beryllium	9-1	179.04	179.47	179.55	179.35	0.15	ppb
Bismuth	209-1				129		%
Bismuth	209-2				117		%
Boron	10-1	277.52	282.51	286.25	282.10	1.55	ppb
Boron	11-1	274.86	281.13	285.41	280.47	1.89	ppb
Cadmium	111-1	188.98	189.70	189.01	189.23	0.22	ppb
Cadmium	106-1	163.31	162.31	160.18	161.93	0.99	ppb
Cadmium	108-1	171.25	174.15	172.38	172.59	0.85	ppb
Calcium	43-1	8342.76	8381.63	8197.50	8307.30	1.17	ppb
Calcium	44-1	8539.75	8610.64	8358.69	8503.03	1.53	ppb
Chromium	52-2	418.66	417.83	404.83	413.78	1.87	ppb
Cobalt	59-2	214.81	214.45	209.10	212.79	1.51	ppb
Copper	63-2	346.53	345.32	337.16	343.00	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				126		%
Holmium	165-2				115		%
Indium	115-1				114		%
Indium	115-2				98		%
Iron	56-2	3198.22	3194.24	3132.09	3174.85	1.17	ppb
Iron	57-2	3124.75	3070.83	3038.81	3078.13	1.41	ppb
Krypton	83-1	-4386.41	-4025.67	-4651.46	-4354.51		ppb
Lead	206-1	968.30	960.93	967.70	965.64	0.42	ppb
Lead	207-1	953.12	943.36	949.33	948.60	0.52	ppb
Lead	208-1	964.81	957.63	961.80	961.41	0.37	ppb
Lithium	6-1				105		%
Magnesium	24-2	3384.19	3307.64	3230.84	3307.55	2.32	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01MSD	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:59:06	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	205.15	202.00	197.16	201.44	2.00	ppb
Molybdenum	94-1	260.56	261.61	262.74	261.64	0.42	ppb
Molybdenum	95-1	383.13	373.21	380.50	378.95	1.36	ppb
Molybdenum	96-1	366.57	364.08	366.15	365.60	0.37	ppb
Molybdenum	97-1	370.64	370.57	373.91	371.71	0.51	ppb
Molybdenum	98-1	380.13	382.01	383.06	381.73	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	556.41	553.92	534.69	548.34	2.17	ppb
Phosphorus	31-2	6963.60	5769.18	6076.57	6269.78	9.89	ppb
Potassium	39-2	11416.16	11325.67	11054.44	11265.42	1.67	ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				99		%
Scandium	45-2				87		%
Selenium	77-2	1930.03	1965.62	1873.02	1922.89	2.43	ppb
Selenium	78-2	1895.27	1959.57	1895.52	1916.79	1.93	ppb
Selenium	82-1	1983.08	1968.53	2004.97	1985.53	0.92	ppb
Silicon	28-1	4383.61	4354.01	4309.95	4349.19	0.85	ppb
Silver	109-1	69.04	70.04	70.05	69.71	0.84	ppb
Silver	107-1	69.86	70.56	70.08	70.17	0.51	ppb
Sodium	23-2	8012.24	8109.20	7793.57	7971.67	2.03	ppb
Strontium	86-1	213.26	213.42	215.84	214.17	0.67	ppb
Strontium	88-1	220.09	218.25	220.79	219.71	0.60	ppb
Sulfur	34-1	-1630.02	-1605.22	-1888.73	-1707.99		ppb
Terbium	159-1				124		%
Terbium	159-2				114		%
Thallium	203-1	1910.19	1881.78	1895.18	1895.72	0.75	ppb
Thallium	205-1	1909.79	1887.98	1899.56	1899.11	0.57	ppb
Tin	118-1	645.62	645.59	652.22	647.81	0.59	ppb
Titanium	47-1	189.96	193.06	188.90	190.64	1.13	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	5.03	ppb
Vanadium	51-2	308.19	305.10	300.85	304.72	1.21	ppb
Yttrium	89-1				110		%
Yttrium	89-2				95		%
Zinc	66-2	260.51	254.96	249.34	254.94	2.19	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01MSD	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:59:06	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.37	0.30	0.27	0.31	16.80	ppb
Zirconium	91-1	0.49	0.43	0.52	0.48	9.87	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01A	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:02:23	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1896.90	1794.21	1821.27	1837.46	2.90	ppb
Antimony	121-1	697.91	696.93	720.59	705.15	1.90	ppb
Arsenic	75-1	827.18	838.02	850.86	838.69	1.41	ppb
Barium	135-1	195.54	197.11	202.21	198.29	1.76	ppb
Barium	137-1	195.69	196.82	204.18	198.90	2.32	ppb
Beryllium	9-1	179.60	178.27	186.62	181.50	2.47	ppb
Bismuth	209-1				127		%
Bismuth	209-2				115		%
Boron	10-1	278.61	284.50	300.26	287.79	3.89	ppb
Boron	11-1	278.02	286.10	299.79	287.97	3.82	ppb
Cadmium	111-1	189.97	189.78	198.42	192.72	2.56	ppb
Cadmium	106-1	166.34	161.85	166.58	164.92	1.61	ppb
Cadmium	108-1	175.76	172.15	184.20	177.37	3.49	ppb
Calcium	43-1	8492.95	8618.95	8786.25	8632.72	1.70	ppb
Calcium	44-1	8584.62	8735.08	8921.87	8747.19	1.93	ppb
Chromium	52-2	421.16	401.59	412.75	411.83	2.38	ppb
Cobalt	59-2	220.00	207.27	214.36	213.88	2.98	ppb
Copper	63-2	354.13	335.44	347.09	345.56	2.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				114		%
Indium	115-1				112		%
Indium	115-2				96		%
Iron	56-2	3279.83	3072.36	3197.32	3183.17	3.28	ppb
Iron	57-2	3103.36	2965.88	3031.10	3033.45	2.27	ppb
Krypton	83-1	-4155.12	-7074.00	-3409.40	-4879.50		ppb
Lead	206-1	975.84	986.40	1028.61	996.95	2.80	ppb
Lead	207-1	958.78	968.17	1001.15	976.03	2.28	ppb
Lead	208-1	968.99	978.04	1018.88	988.63	2.69	ppb
Lithium	6-1				104		%
Magnesium	24-2	3331.80	3198.40	3290.48	3273.56	2.09	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01A	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:02:23	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	209.71	196.37	203.73	203.27	3.29	ppb
Molybdenum	94-1	263.03	261.60	277.17	267.27	3.22	ppb
Molybdenum	95-1	380.23	380.02	408.57	389.60	4.22	ppb
Molybdenum	96-1	366.65	364.87	386.09	372.54	3.16	ppb
Molybdenum	97-1	370.28	370.42	393.17	377.96	3.49	ppb
Molybdenum	98-1	382.74	379.91	403.77	388.81	3.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	570.15	533.02	556.69	553.28	3.40	ppb
Phosphorus	31-2	6705.33	5450.63	6216.97	6124.31	10.33	ppb
Potassium	39-2	11600.45	10808.62	11366.28	11258.45	3.61	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				96		%
Scandium	45-2				86		%
Selenium	77-2	2098.69	2093.05	1917.61	2036.45	5.06	ppb
Selenium	78-2	2004.73	1943.82	1962.71	1970.42	1.58	ppb
Selenium	82-1	1997.60	1988.49	2108.11	2031.40	3.28	ppb
Silicon	28-1	4432.22	4458.88	4525.08	4472.06	1.07	ppb
Silver	109-1	70.18	70.18	73.83	71.40	2.96	ppb
Silver	107-1	71.17	71.00	74.09	72.09	2.41	ppb
Sodium	23-2	8223.32	7665.49	7905.51	7931.44	3.53	ppb
Strontium	86-1	216.68	217.13	227.25	220.35	2.71	ppb
Strontium	88-1	222.54	219.55	231.62	224.57	2.80	ppb
Sulfur	34-1	-1683.77	-1619.11	-1476.74	-1593.21		ppb
Terbium	159-1				122		%
Terbium	159-2				112		%
Thallium	203-1	1915.05	1952.97	2018.85	1962.29	2.68	ppb
Thallium	205-1	1912.92	1948.15	2007.82	1956.30	2.45	ppb
Tin	118-1	650.50	651.26	676.53	659.43	2.25	ppb
Titanium	47-1	193.87	196.10	199.09	196.36	1.33	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	5.27	ppb
Vanadium	51-2	311.98	294.40	304.38	303.59	2.90	ppb
Yttrium	89-1				108		%
Yttrium	89-2				93		%
Zinc	66-2	265.42	239.03	250.46	251.64	5.26	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01A	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:02:23	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.22	0.21	0.23	8.13	ppb
Zirconium	91-1	0.37	0.37	0.44	0.39	10.14	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-02	Instrumnet Name :	P8
Client Sample ID :	381003728-PBCU176	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:05:40	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.78	30.04	34.75	34.86	13.98	ppb
Antimony	121-1	2.32	2.22	2.24	2.26	2.30	ppb
Arsenic	75-1	5.96	6.40	6.50	6.29	4.57	ppb
Barium	135-1	2.01	2.03	1.89	1.98	3.79	ppb
Barium	137-1	1.89	1.91	1.98	1.93	2.49	ppb
Beryllium	9-1	0.19	0.24	0.28	0.24	17.57	ppb
Bismuth	209-1				129		%
Bismuth	209-2				114		%
Boron	10-1	23.92	25.11	22.26	23.76	6.01	ppb
Boron	11-1	23.57	24.09	22.02	23.23	4.64	ppb
Cadmium	111-1	-0.02	0.00	-0.01	-0.01		ppb
Cadmium	106-1	-1.13	-0.75	-0.86	-0.91		ppb
Cadmium	108-1	0.10	0.15	0.08	0.11	29.11	ppb
Calcium	43-1	8806.02	8772.83	8717.26	8765.37	0.51	ppb
Calcium	44-1	8897.71	9103.09	8788.47	8929.76	1.79	ppb
Chromium	52-2	0.92	0.95	1.16	1.01	12.54	ppb
Cobalt	59-2	0.18	0.22	0.24	0.21	12.69	ppb
Copper	63-2	2.11	2.07	2.25	2.15	4.38	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				125		%
Holmium	165-2				112		%
Indium	115-1				115		%
Indium	115-2				97		%
Iron	56-2	8.15	9.03	9.62	8.93	8.31	ppb
Iron	57-2	8.14	16.48	6.74	10.45	50.41	ppb
Krypton	83-1	-4578.07	-5288.70	-4530.97	-4799.24		ppb
Lead	206-1	0.17	0.15	0.15	0.16	7.76	ppb
Lead	207-1	0.15	0.14	0.15	0.15	3.63	ppb
Lead	208-1	0.16	0.15	0.15	0.15	5.67	ppb
Lithium	6-1				105		%
Magnesium	24-2	1259.86	1242.99	1327.68	1276.84	3.51	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-02	Instrumnet Name :	P8
Client Sample ID :	381003728-PBCU176	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:05:40	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.25	1.48	1.26	16.77	ppb
Molybdenum	94-1	0.39	0.37	0.29	0.35	13.91	ppb
Molybdenum	95-1	0.47	0.45	0.44	0.45	4.23	ppb
Molybdenum	96-1	0.53	0.51	0.40	0.48	14.36	ppb
Molybdenum	97-1	0.49	0.52	0.40	0.47	12.91	ppb
Molybdenum	98-1	0.54	0.54	0.43	0.50	12.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.70	2.11	1.82	1.88	11.18	ppb
Phosphorus	31-2	306.91	167.04	415.47	296.47	42.01	ppb
Potassium	39-2	1910.47	2010.53	2043.19	1988.07	3.48	ppb
Rhodium	103-1				111		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				84		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.04	0.89	0.11	0.35	135.04	ppb
Selenium	82-1	0.68	0.40	0.40	0.50	32.84	ppb
Silicon	28-1	3388.83	3434.21	3381.75	3401.60	0.84	ppb
Silver	109-1	0.06	0.10	0.10	0.08	24.87	ppb
Silver	107-1	0.07	0.06	0.10	0.08	23.60	ppb
Sodium	23-2	4949.79	4995.91	5297.85	5081.18	3.72	ppb
Strontium	86-1	33.77	33.18	33.19	33.38	1.02	ppb
Strontium	88-1	33.86	34.05	34.16	34.02	0.44	ppb
Sulfur	34-1	-1668.66	-1670.60	-1764.11	-1701.12		ppb
Terbium	159-1				123		%
Terbium	159-2				111		%
Thallium	203-1	0.36	0.33	0.30	0.33	8.48	ppb
Thallium	205-1	0.35	0.33	0.32	0.33	5.20	ppb
Tin	118-1	0.44	0.49	0.38	0.44	12.84	ppb
Titanium	47-1	0.54	0.43	0.44	0.47	13.47	ppb
Uranium	238-1	0.12	0.12	0.13	0.12	5.26	ppb
Vanadium	51-2	0.17	0.25	0.18	0.20	22.08	ppb
Yttrium	89-1				109		%
Yttrium	89-2				92		%
Zinc	66-2	21.39	20.91	22.40	21.57	3.54	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-02	Instrumnet Name :	P8
Client Sample ID :	381003728-PBCU176	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:05:40	DataFile Name :	061SMPL.d

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

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-03	Instrumnet Name :	P8
Client Sample ID :	381003729-PBCU177	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:09:02	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.67	27.13	38.30	33.70	17.32	ppb
Antimony	121-1	1.07	1.10	1.12	1.10	2.55	ppb
Arsenic	75-1	6.82	7.36	7.24	7.14	3.96	ppb
Barium	135-1	1.17	1.02	1.22	1.14	9.04	ppb
Barium	137-1	1.17	1.07	1.10	1.11	4.60	ppb
Beryllium	9-1	0.28	0.30	0.25	0.28	8.02	ppb
Bismuth	209-1				128		%
Bismuth	209-2				115		%
Boron	10-1	16.94	17.24	15.53	16.57	5.54	ppb
Boron	11-1	16.99	16.32	16.56	16.62	2.05	ppb
Cadmium	111-1	0.14	0.02	0.04	0.07	92.50	ppb
Cadmium	106-1	-0.50	-1.98	-1.29	-1.26		ppb
Cadmium	108-1	0.10	0.33	0.33	0.25	50.88	ppb
Calcium	43-1	6939.49	6795.01	6724.63	6819.71	1.61	ppb
Calcium	44-1	6976.97	6829.32	6864.83	6890.37	1.12	ppb
Chromium	52-2	0.96	0.99	0.86	0.94	7.07	ppb
Cobalt	59-2	1.04	1.04	1.08	1.06	2.18	ppb
Copper	63-2	6.92	7.04	6.82	6.93	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				114		%
Indium	115-1				115		%
Indium	115-2				98		%
Iron	56-2	9.90	10.49	10.07	10.15	2.97	ppb
Iron	57-2	12.16	11.65	12.88	12.23	5.05	ppb
Krypton	83-1	-3333.01	-4540.27	-5264.63	-4379.30		ppb
Lead	206-1	0.11	0.10	0.12	0.11	8.20	ppb
Lead	207-1	0.09	0.10	0.10	0.09	8.84	ppb
Lead	208-1	0.10	0.10	0.11	0.11	4.11	ppb
Lithium	6-1				105		%
Magnesium	24-2	1515.27	1489.41	1463.58	1489.42	1.74	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-03	Instrumnet Name :	P8
Client Sample ID :	381003729-PBCU177	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:09:02	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.60	1.99	1.83	2.14	18.99	ppb
Molybdenum	94-1	0.20	0.12	0.12	0.15	32.08	ppb
Molybdenum	95-1	0.16	0.16	0.15	0.15	5.47	ppb
Molybdenum	96-1	0.20	0.18	0.17	0.18	10.28	ppb
Molybdenum	97-1	0.10	0.13	0.17	0.13	24.08	ppb
Molybdenum	98-1	0.13	0.14	0.15	0.14	8.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	15.80	15.67	15.49	15.65	0.99	ppb
Phosphorus	31-2	445.24	268.18	390.23	367.88	24.63	ppb
Potassium	39-2	1921.51	1858.06	1795.18	1858.25	3.40	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				96		%
Scandium	45-2				84		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.05	-0.77	-0.77	-0.50		ppb
Selenium	82-1	0.39	0.45	0.51	0.45	14.25	ppb
Silicon	28-1	3100.33	3056.92	3028.28	3061.84	1.18	ppb
Silver	109-1	0.07	0.06	0.05	0.06	14.67	ppb
Silver	107-1	0.06	0.06	0.08	0.07	10.20	ppb
Sodium	23-2	5031.28	4987.99	4992.26	5003.85	0.48	ppb
Strontium	86-1	26.96	27.44	26.25	26.88	2.22	ppb
Strontium	88-1	27.80	27.53	27.23	27.52	1.03	ppb
Sulfur	34-1	-1487.10	-1506.31	-1520.97	-1504.79		ppb
Terbium	159-1				122		%
Terbium	159-2				113		%
Thallium	203-1	0.15	0.16	0.15	0.15	2.84	ppb
Thallium	205-1	0.17	0.15	0.16	0.16	5.01	ppb
Tin	118-1	1.94	1.98	1.96	1.96	1.00	ppb
Titanium	47-1	0.50	0.59	0.56	0.55	8.28	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	3.04	ppb
Vanadium	51-2	0.07	0.08	0.04	0.06	31.61	ppb
Yttrium	89-1				108		%
Yttrium	89-2				93		%
Zinc	66-2	94.29	96.96	95.81	95.69	1.40	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-03	Instrumnet Name :	P8
Client Sample ID :	381003729-PBCU177	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:09:02	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	-0.01	-0.01	0.00	619.89	ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-04	Instrumnet Name :	P8
Client Sample ID :	381003730-PBCU178	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:12:25	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.81	37.73	44.94	43.83	12.83	ppb
Antimony	121-1	0.80	0.80	0.81	0.80	0.94	ppb
Arsenic	75-1	7.13	7.35	7.48	7.32	2.43	ppb
Barium	135-1	1.94	1.91	2.06	1.97	4.14	ppb
Barium	137-1	2.06	1.85	1.93	1.95	5.45	ppb
Beryllium	9-1	0.26	0.18	0.21	0.22	19.31	ppb
Bismuth	209-1				125		%
Bismuth	209-2				113		%
Boron	10-1	13.57	13.00	13.91	13.49	3.41	ppb
Boron	11-1	13.86	12.46	13.09	13.14	5.36	ppb
Cadmium	111-1	0.01	0.01	0.00	0.00	130.52	ppb
Cadmium	106-1	-1.02	-1.00	-1.07	-1.03		ppb
Cadmium	108-1	0.06	0.22	0.15	0.15	53.31	ppb
Calcium	43-1	7778.35	7549.93	7546.86	7625.05	1.74	ppb
Calcium	44-1	7904.49	7622.07	7693.95	7740.17	1.90	ppb
Chromium	52-2	2.37	2.56	2.31	2.41	5.38	ppb
Cobalt	59-2	0.19	0.17	0.20	0.19	6.04	ppb
Copper	63-2	4.63	4.67	4.69	4.66	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				111		%
Indium	115-1				111		%
Indium	115-2				96		%
Iron	56-2	12.79	12.74	13.06	12.86	1.31	ppb
Iron	57-2	9.98	13.63	8.30	10.63	25.62	ppb
Krypton	83-1	-665.73	-3284.26	841.30	-1036.23		ppb
Lead	206-1	39.64	38.35	38.29	38.76	1.96	ppb
Lead	207-1	35.11	33.96	34.30	34.46	1.72	ppb
Lead	208-1	36.98	35.78	35.85	36.20	1.85	ppb
Lithium	6-1				103		%
Magnesium	24-2	1235.27	1220.77	1206.66	1220.90	1.17	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-04	Instrumnet Name :	P8
Client Sample ID :	381003730-PBCU178	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:12:25	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.73	2.01	1.97	1.90	8.14	ppb
Molybdenum	94-1	0.08	0.10	0.13	0.10	23.80	ppb
Molybdenum	95-1	0.12	0.11	0.13	0.12	10.59	ppb
Molybdenum	96-1	0.10	0.13	0.11	0.11	12.43	ppb
Molybdenum	97-1	0.11	0.11	0.08	0.10	15.78	ppb
Molybdenum	98-1	0.13	0.12	0.10	0.12	13.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.09	6.22	6.31	6.21	1.78	ppb
Phosphorus	31-2	119.25	271.36	223.29	204.63	37.99	ppb
Potassium	39-2	1833.90	1921.39	1913.70	1889.66	2.56	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				95		%
Scandium	45-2				83		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	-0.77	0.92	0.08	0.08	1097.06	ppb
Selenium	82-1	-0.03	0.37	-0.43	-0.03		ppb
Silicon	28-1	3365.62	3263.14	3239.91	3289.56	2.03	ppb
Silver	109-1	0.06	0.04	0.05	0.05	17.64	ppb
Silver	107-1	0.05	0.06	0.06	0.06	7.17	ppb
Sodium	23-2	4909.64	4937.77	4897.59	4915.00	0.42	ppb
Strontium	86-1	27.40	26.25	26.59	26.75	2.20	ppb
Strontium	88-1	27.82	26.96	27.41	27.40	1.56	ppb
Sulfur	34-1	-1213.25	-1592.92	-1301.04	-1369.07		ppb
Terbium	159-1				119		%
Terbium	159-2				111		%
Thallium	203-1	0.12	0.11	0.12	0.12	5.75	ppb
Thallium	205-1	0.12	0.11	0.12	0.12	2.86	ppb
Tin	118-1	0.93	1.10	0.93	0.99	9.55	ppb
Titanium	47-1	0.52	0.59	0.46	0.52	11.96	ppb
Uranium	238-1	0.08	0.09	0.09	0.09	2.93	ppb
Vanadium	51-2	0.20	0.11	0.19	0.17	30.26	ppb
Yttrium	89-1				106		%
Yttrium	89-2				91		%
Zinc	66-2	68.77	70.11	67.29	68.72	2.05	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-04	Instrumnet Name :	P8
Client Sample ID :	381003730-PBCU178	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:12:25	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.00	0.00	199.07	ppb
Zirconium	91-1	-0.02	0.03	-0.01	0.00		ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-05	Instrumnet Name :	P8
Client Sample ID :	381003731-PBCU179	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:15:48	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.48	43.24	34.02	38.58	11.95	ppb
Antimony	121-1	0.66	0.69	0.74	0.70	5.85	ppb
Arsenic	75-1	7.15	7.40	7.89	7.48	5.07	ppb
Barium	135-1	2.58	2.40	2.39	2.46	4.49	ppb
Barium	137-1	2.43	2.48	2.53	2.48	2.07	ppb
Beryllium	9-1	0.13	0.14	0.13	0.13	4.79	ppb
Bismuth	209-1				128		%
Bismuth	209-2				114		%
Boron	10-1	16.83	17.89	18.05	17.59	3.77	ppb
Boron	11-1	17.21	18.12	18.58	17.97	3.86	ppb
Cadmium	111-1	-0.07	-0.05	-0.09	-0.07		ppb
Cadmium	106-1	-1.40	-0.96	-1.42	-1.26		ppb
Cadmium	108-1	0.04	0.04	0.08	0.05	48.04	ppb
Calcium	43-1	8736.30	8622.71	8586.39	8648.47	0.90	ppb
Calcium	44-1	8874.66	8842.50	8634.84	8784.00	1.48	ppb
Chromium	52-2	1.01	0.92	0.95	0.96	4.70	ppb
Cobalt	59-2	0.22	0.31	0.26	0.26	16.90	ppb
Copper	63-2	5.73	5.74	5.64	5.70	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				124		%
Holmium	165-2				113		%
Indium	115-1				114		%
Indium	115-2				97		%
Iron	56-2	5.46	5.57	5.11	5.38	4.44	ppb
Iron	57-2	3.17	3.26	5.43	3.95	32.33	ppb
Krypton	83-1	-2845.35	-2450.49	-4877.44	-3391.10		ppb
Lead	206-1	0.14	0.13	0.12	0.13	9.71	ppb
Lead	207-1	0.06	0.09	0.09	0.08	18.79	ppb
Lead	208-1	0.09	0.09	0.09	0.09	2.71	ppb
Lithium	6-1				106		%
Magnesium	24-2	1391.51	1418.51	1382.23	1397.42	1.35	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-05	Instrumnet Name :	P8
Client Sample ID :	381003731-PBCU179	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:15:48	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.09	1.08	1.12	1.10	2.17	ppb
Molybdenum	94-1	0.08	0.06	0.04	0.06	32.39	ppb
Molybdenum	95-1	0.05	0.07	0.07	0.06	12.24	ppb
Molybdenum	96-1	0.08	0.07	0.10	0.08	16.48	ppb
Molybdenum	97-1	0.07	0.07	0.07	0.07	1.54	ppb
Molybdenum	98-1	0.08	0.06	0.08	0.07	11.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.07	1.36	1.18	13.11	ppb
Phosphorus	31-2	245.14	634.48	270.31	383.31	56.84	ppb
Potassium	39-2	1858.50	1890.89	1816.50	1855.30	2.01	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				83		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.06	-0.77	0.91	0.07	1266.40	ppb
Selenium	82-1	-0.01	-0.32	0.09	-0.08		ppb
Silicon	28-1	2776.74	2769.65	2727.81	2758.06	0.96	ppb
Silver	109-1	0.05	0.06	0.05	0.05	12.04	ppb
Silver	107-1	0.07	0.06	0.06	0.06	8.81	ppb
Sodium	23-2	5053.24	5133.31	4995.35	5060.63	1.37	ppb
Strontium	86-1	32.70	32.91	33.75	33.12	1.68	ppb
Strontium	88-1	33.71	33.49	33.91	33.70	0.62	ppb
Sulfur	34-1	-1503.59	-1390.42	-1470.29	-1454.77		ppb
Terbium	159-1				122		%
Terbium	159-2				112		%
Thallium	203-1	0.09	0.09	0.08	0.09	3.71	ppb
Thallium	205-1	0.08	0.08	0.09	0.08	6.62	ppb
Tin	118-1	3.83	3.82	3.74	3.80	1.24	ppb
Titanium	47-1	0.51	0.42	0.34	0.42	19.71	ppb
Uranium	238-1	0.07	0.09	0.07	0.07	13.43	ppb
Vanadium	51-2	0.19	0.17	0.14	0.16	16.31	ppb
Yttrium	89-1				108		%
Yttrium	89-2				92		%
Zinc	66-2	16.51	16.53	15.48	16.17	3.71	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-05	Instrumnet Name :	P8
Client Sample ID :	381003731-PBCU179	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:15:48	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.00	0.00	72.75	ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:25:55	DataFile Name :	067CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53089.86	50567.48	51157.12	51604.82	2.56	ppb
Antimony	121-1	496.02	492.83	519.66	502.83	2.91	ppb
Arsenic	75-1	496.73	504.75	520.25	507.24	2.36	ppb
Barium	135-1	2549.60	2488.04	2604.74	2547.46	2.29	ppb
Barium	137-1	2514.01	2469.00	2606.09	2529.70	2.76	ppb
Beryllium	9-1	501.47	500.81	515.96	506.08	1.69	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	508.94	514.73	533.14	518.93	2.44	ppb
Boron	11-1	507.74	510.74	536.03	518.17	3.00	ppb
Cadmium	111-1	475.40	467.13	492.46	478.33	2.70	ppb
Cadmium	106-1	490.17	474.74	509.04	491.32	3.50	ppb
Cadmium	108-1	485.42	481.29	504.66	490.46	2.54	ppb
Calcium	43-1	238666.98	240453.25	248042.52	242387.58	2.05	ppb
Calcium	44-1	240449.94	242148.94	249994.32	244197.74	2.08	ppb
Chromium	52-2	561.48	538.73	543.75	547.99	2.18	ppb
Cobalt	59-2	534.34	511.47	515.12	520.31	2.36	ppb
Copper	63-2	1044.89	1001.47	1010.01	1018.79	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	56-2	133134.13	125945.80	126616.17	128565.37	3.09	ppb
Iron	57-2	133330.23	128543.06	127560.18	129811.16	2.38	ppb
Krypton	83-1	-2883.62	-1705.31	-3190.89	-2593.28		ppb
Lead	206-1	525.00	512.97	535.54	524.50	2.15	ppb
Lead	207-1	518.84	510.72	539.10	522.89	2.80	ppb
Lead	208-1	517.26	510.17	531.36	519.59	2.08	ppb
Lithium	6-1				91		%
Magnesium	24-2	259452.66	245430.67	249231.75	251371.69	2.88	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:25:55	DataFile Name :	067CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1079.27	1029.89	1028.73	1045.96	2.76	ppb
Molybdenum	94-1	2566.00	2524.29	2632.66	2574.32	2.12	ppb
Molybdenum	95-1	2571.35	2548.73	2625.38	2581.82	1.53	ppb
Molybdenum	96-1	2566.12	2543.14	2624.14	2577.80	1.62	ppb
Molybdenum	97-1	2545.99	2530.22	2612.15	2562.79	1.70	ppb
Molybdenum	98-1	2575.10	2518.76	2640.76	2578.21	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	547.92	532.09	530.38	536.80	1.80	ppb
Phosphorus	31-2	10850.67	11713.85	10707.32	11090.61	4.91	ppb
Potassium	39-2	127689.87	121485.06	122817.95	123997.63	2.63	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	77-2	461.57	561.90	464.08	495.85	11.54	ppb
Selenium	78-2	572.98	539.91	514.18	542.36	5.43	ppb
Selenium	82-1	489.62	491.65	501.53	494.27	1.29	ppb
Silicon	28-1	501.61	498.65	521.65	507.30	2.47	ppb
Silver	109-1	488.51	480.38	502.83	490.57	2.32	ppb
Silver	107-1	485.68	481.19	502.24	489.70	2.26	ppb
Sodium	23-2	258248.12	247982.57	248370.58	251533.76	2.31	ppb
Strontium	86-1	498.00	492.65	511.22	500.62	1.91	ppb
Strontium	88-1	508.18	504.42	521.51	511.37	1.76	ppb
Sulfur	34-1	9191.52	9109.14	9649.53	9316.73	3.12	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	522.49	511.63	536.62	523.58	2.39	ppb
Thallium	205-1	513.96	508.54	526.50	516.33	1.78	ppb
Tin	118-1	502.09	495.17	522.19	506.48	2.77	ppb
Titanium	47-1	2544.33	2578.41	2616.94	2579.89	1.41	ppb
Uranium	238-1	536.38	522.46	550.92	536.59	2.65	ppb
Vanadium	51-2	543.34	516.44	525.87	528.55	2.58	ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	1060.22	1023.01	1020.45	1034.56	2.15	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:25:55	DataFile Name :	067CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.57	505.38	529.04	512.99	2.71	ppb
Zirconium	91-1	516.41	513.55	528.77	519.57	1.56	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:29:07	DataFile Name :	068CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.59	0.98	2.61	1.39	77.17	ppb
Antimony	121-1	1.34	1.19	1.14	1.22	8.49	ppb
Arsenic	75-1	0.26	0.27	0.21	0.25	11.46	ppb
Barium	135-1	0.18	0.13	0.10	0.14	28.26	ppb
Barium	137-1	0.20	0.16	0.08	0.15	43.46	ppb
Beryllium	9-1	0.32	0.23	0.29	0.28	15.68	ppb
Bismuth	209-1				116		%
Bismuth	209-2				110		%
Boron	10-1	20.98	17.34	16.75	18.36	12.48	ppb
Boron	11-1	19.56	17.98	16.50	18.01	8.49	ppb
Cadmium	111-1	0.05	0.02	0.02	0.03	48.93	ppb
Cadmium	106-1	-0.23	-0.52	-0.39	-0.38		ppb
Cadmium	108-1	-0.03	0.07	0.17	0.07	139.43	ppb
Calcium	43-1	7.42	11.12	5.06	7.87	38.77	ppb
Calcium	44-1	18.93	13.86	9.01	13.94	35.59	ppb
Chromium	52-2	-0.05	-0.04	-0.05	-0.05		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.18	0.15	0.17	0.16	7.02	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				114		%
Holmium	165-2				110		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	56-2	4.65	4.09	3.03	3.92	20.92	ppb
Iron	57-2	3.79	3.71	1.11	2.87	53.09	ppb
Krypton	83-1	-1648.21	-3.91	-4242.38	-1964.83		ppb
Lead	206-1	0.07	0.06	0.07	0.07	8.82	ppb
Lead	207-1	0.06	0.06	0.04	0.05	17.86	ppb
Lead	208-1	0.07	0.06	0.05	0.06	9.92	ppb
Lithium	6-1				98		%
Magnesium	24-2	4.21	9.13	7.40	6.91	36.11	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:29:07	DataFile Name :	068CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	0.03	-0.03	-0.02		ppb
Molybdenum	94-1	0.91	0.91	0.76	0.86	9.63	ppb
Molybdenum	95-1	1.12	0.90	0.79	0.94	18.06	ppb
Molybdenum	96-1	1.04	0.88	0.76	0.89	15.59	ppb
Molybdenum	97-1	1.01	0.80	0.81	0.88	13.30	ppb
Molybdenum	98-1	1.06	0.95	0.80	0.94	14.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.03	0.00	0.00	1779.21	ppb
Phosphorus	31-2	-7.13	-7.13	-7.13	-7.13		ppb
Potassium	39-2	1.67	7.33	-0.39	2.87	139.21	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				97		%
Scandium	45-2				88		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	-0.77	0.84	0.02	0.03	2544.98	ppb
Selenium	82-1	-0.10	0.07	0.59	0.19	193.36	ppb
Silicon	28-1	-7.33	-7.78	-8.05	-7.72		ppb
Silver	109-1	0.06	0.05	0.06	0.06	12.40	ppb
Silver	107-1	0.07	0.06	0.06	0.06	10.39	ppb
Sodium	23-2	6.40	8.90	6.30	7.20	20.43	ppb
Strontium	86-1	0.04	0.06	0.01	0.04	67.75	ppb
Strontium	88-1	0.04	0.03	0.02	0.03	35.76	ppb
Sulfur	34-1	-1216.44	-1269.36	-1298.37	-1261.39		ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.20	0.19	0.15	0.18	16.23	ppb
Thallium	205-1	0.20	0.19	0.18	0.19	4.84	ppb
Tin	118-1	0.29	0.27	0.26	0.28	4.68	ppb
Titanium	47-1	0.24	0.26	0.15	0.22	26.18	ppb
Uranium	238-1	0.04	0.02	0.02	0.03	36.18	ppb
Vanadium	51-2	0.00	0.03	0.00	0.01	131.93	ppb
Yttrium	89-1				104		%
Yttrium	89-2				95		%
Zinc	66-2	0.11	0.20	0.34	0.22	53.63	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:29:07	DataFile Name :	068CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.13	0.11	0.13	11.91	ppb
Zirconium	91-1	0.13	0.06	0.11	0.10	33.32	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5399-01	Instrumnet Name :	P8
Client Sample ID :	381003096.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:32:30	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.74	10.27	10.27	10.76	7.88	ppb
Antimony	121-1	0.51	0.50	0.52	0.51	2.47	ppb
Arsenic	75-1	5.96	6.48	6.63	6.36	5.50	ppb
Barium	135-1	129.97	128.15	129.12	129.08	0.71	ppb
Barium	137-1	130.96	129.74	129.49	130.06	0.60	ppb
Beryllium	9-1	0.15	0.21	0.15	0.17	20.94	ppb
Bismuth	209-1				125		%
Bismuth	209-2				112		%
Boron	10-1	157.50	162.73	168.77	163.00	3.46	ppb
Boron	11-1	166.99	167.41	171.52	168.64	1.49	ppb
Cadmium	111-1	0.03	-0.02	-0.03	0.00		ppb
Cadmium	106-1	-0.15	-0.72	-0.88	-0.59		ppb
Cadmium	108-1	0.17	0.21	0.15	0.18	18.44	ppb
Calcium	43-1	96988.79	96993.03	96395.21	96792.34	0.36	ppb
Calcium	44-1	96762.13	96603.42	96214.79	96526.78	0.29	ppb
Chromium	52-2	2.62	2.70	2.71	2.67	1.81	ppb
Cobalt	59-2	0.17	0.17	0.19	0.18	7.22	ppb
Copper	63-2	22.82	23.08	23.46	23.12	1.40	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				125		%
Holmium	165-2				116		%
Indium	115-1				116		%
Indium	115-2				101		%
Iron	56-2	35.23	34.60	34.61	34.82	1.04	ppb
Iron	57-2	34.50	37.85	32.90	35.08	7.20	ppb
Krypton	83-1	-4838.60	-5294.51	-4909.53	-5014.21		ppb
Lead	206-1	0.80	0.78	0.78	0.79	1.79	ppb
Lead	207-1	0.75	0.73	0.70	0.73	3.17	ppb
Lead	208-1	0.76	0.76	0.74	0.75	1.20	ppb
Lithium	6-1				105		%
Magnesium	24-2	32208.59	31865.54	32866.30	32313.48	1.57	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5399-01	Instrumnet Name :	P8
Client Sample ID :	381003096.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:32:30	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.29	1.52	1.36	1.39	8.52	ppb
Molybdenum	94-1	0.37	0.45	0.36	0.40	11.95	ppb
Molybdenum	95-1	0.35	0.35	0.38	0.36	5.06	ppb
Molybdenum	96-1	0.45	0.39	0.42	0.42	7.10	ppb
Molybdenum	97-1	0.36	0.39	0.36	0.37	3.85	ppb
Molybdenum	98-1	0.34	0.38	0.41	0.38	8.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.36	2.03	2.23	2.20	7.57	ppb
Phosphorus	31-2	-7.13	-7.13	16.78	0.84	1643.27	ppb
Potassium	39-2	1473.68	1464.34	1507.27	1481.76	1.52	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				90		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	-0.77	0.02	0.02	-0.24		ppb
Selenium	82-1	0.40	0.59	0.62	0.54	21.99	ppb
Silicon	28-1	10433.43	10472.32	10401.78	10435.85	0.34	ppb
Silver	109-1	0.10	0.10	0.10	0.10	2.48	ppb
Silver	107-1	0.10	0.11	0.12	0.11	8.07	ppb
Sodium	23-2	78790.53	77619.30	79826.84	78745.56	1.40	ppb
Strontium	86-1	285.95	288.08	283.03	285.69	0.89	ppb
Strontium	88-1	292.20	292.82	290.14	291.72	0.48	ppb
Sulfur	34-1	14060.17	14265.35	14152.17	14159.23	0.73	ppb
Terbium	159-1				124		%
Terbium	159-2				115		%
Thallium	203-1	0.24	0.25	0.24	0.25	3.27	ppb
Thallium	205-1	0.25	0.24	0.21	0.24	8.76	ppb
Tin	118-1	0.15	0.12	0.14	0.14	13.03	ppb
Titanium	47-1	0.54	0.37	0.46	0.46	18.79	ppb
Uranium	238-1	1.79	1.82	1.84	1.81	1.50	ppb
Vanadium	51-2	1.65	1.76	1.81	1.74	4.47	ppb
Yttrium	89-1				112		%
Yttrium	89-2				98		%
Zinc	66-2	17.36	17.95	16.39	17.23	4.59	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5399-01	Instrumnet Name :	P8
Client Sample ID :	381003096.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:32:30	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.07	0.06	8.40	ppb
Zirconium	91-1	0.06	0.05	0.05	0.05	10.86	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5412-01	Instrumnet Name :	P8
Client Sample ID :	381003204.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:35:51	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.43	7.38	8.60	8.14	8.10	ppb
Antimony	121-1	0.57	0.63	0.64	0.61	5.72	ppb
Arsenic	75-1	6.36	6.54	7.08	6.66	5.66	ppb
Barium	135-1	42.45	44.87	43.67	43.66	2.77	ppb
Barium	137-1	42.82	44.82	44.79	44.14	2.59	ppb
Beryllium	9-1	0.11	0.13	0.14	0.13	13.58	ppb
Bismuth	209-1				122		%
Bismuth	209-2				115		%
Boron	10-1	602.72	667.26	675.79	648.59	6.16	ppb
Boron	11-1	618.36	663.90	669.69	650.65	4.32	ppb
Cadmium	111-1	0.00	-0.04	0.02	-0.01		ppb
Cadmium	106-1	-0.45	-0.78	-0.24	-0.49		ppb
Cadmium	108-1	0.32	0.34	0.42	0.36	15.31	ppb
Calcium	43-1	39501.25	40803.51	41245.05	40516.60	2.24	ppb
Calcium	44-1	39364.40	41088.61	41155.63	40536.21	2.50	ppb
Chromium	52-2	0.17	0.09	0.17	0.14	34.50	ppb
Cobalt	59-2	0.05	0.03	0.03	0.04	22.43	ppb
Copper	63-2	49.82	50.44	50.16	50.14	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				122		%
Holmium	165-2				116		%
Indium	115-1				114		%
Indium	115-2				102		%
Iron	56-2	4.34	4.03	3.73	4.04	7.52	ppb
Iron	57-2	1.54	2.93	0.75	1.74	63.43	ppb
Krypton	83-1	-3754.43	-2985.99	-2299.04	-3013.15		ppb
Lead	206-1	0.33	0.38	0.38	0.36	6.97	ppb
Lead	207-1	0.31	0.34	0.31	0.32	4.42	ppb
Lead	208-1	0.33	0.35	0.34	0.34	2.43	ppb
Lithium	6-1				104		%
Magnesium	24-2	14873.60	15284.40	15053.18	15070.39	1.37	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5412-01	Instrumnet Name :	P8
Client Sample ID :	381003204.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:35:51	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.80	10.79	11.01	10.87	1.12	ppb
Molybdenum	94-1	64.33	69.58	68.08	67.33	4.01	ppb
Molybdenum	95-1	91.88	99.57	96.92	96.13	4.07	ppb
Molybdenum	96-1	88.04	95.45	92.39	91.96	4.05	ppb
Molybdenum	97-1	91.93	98.04	96.23	95.40	3.29	ppb
Molybdenum	98-1	92.50	99.45	96.54	96.16	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.38	0.40	0.36	15.97	ppb
Phosphorus	31-2	-7.13	16.96	16.81	8.88	156.14	ppb
Potassium	39-2	1042.66	1021.52	951.67	1005.29	4.74	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				99		%
Scandium	45-2				88		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	2.38	3.21	9.57	5.06	77.82	ppb
Selenium	82-1	4.87	5.37	5.18	5.14	4.85	ppb
Silicon	28-1	5394.35	5571.03	5544.80	5503.39	1.73	ppb
Silver	109-1	0.07	0.08	0.08	0.08	12.15	ppb
Silver	107-1	0.08	0.08	0.09	0.08	2.92	ppb
Sodium	23-2	27702.91	27606.97	27445.10	27585.00	0.47	ppb
Strontium	86-1	2115.90	2259.65	2195.84	2190.47	3.29	ppb
Strontium	88-1	2133.64	2297.78	2228.46	2219.96	3.71	ppb
Sulfur	34-1	9742.32	10552.72	10565.82	10286.95	4.59	ppb
Terbium	159-1				121		%
Terbium	159-2				116		%
Thallium	203-1	0.09	0.09	0.07	0.08	15.33	ppb
Thallium	205-1	0.08	0.09	0.08	0.09	3.81	ppb
Tin	118-1	0.14	0.15	0.15	0.15	3.47	ppb
Titanium	47-1	0.15	0.35	0.27	0.26	38.15	ppb
Uranium	238-1	9.01	9.69	9.44	9.38	3.67	ppb
Vanadium	51-2	0.17	0.12	0.19	0.16	21.67	ppb
Yttrium	89-1				109		%
Yttrium	89-2				97		%
Zinc	66-2	19.47	19.66	18.58	19.24	2.98	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5412-01	Instrumnet Name :	P8
Client Sample ID :	381003204.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:35:51	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.08	0.07	0.07	10.08	ppb
Zirconium	91-1	0.06	0.08	0.09	0.08	17.67	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5412-02	Instrumnet Name :	P8
Client Sample ID :	381003205.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:39:12	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.10	7.03	9.05	7.06	27.98	ppb
Antimony	121-1	0.53	0.56	0.58	0.56	4.58	ppb
Arsenic	75-1	7.11	7.51	7.71	7.44	4.12	ppb
Barium	135-1	2.20	2.23	2.29	2.24	2.00	ppb
Barium	137-1	2.30	2.29	2.42	2.33	3.11	ppb
Beryllium	9-1	0.09	0.10	0.09	0.09	7.68	ppb
Bismuth	209-1				127		%
Bismuth	209-2				113		%
Boron	10-1	39.16	34.95	34.80	36.30	6.82	ppb
Boron	11-1	40.21	39.11	37.22	38.85	3.90	ppb
Cadmium	111-1	-0.08	-0.07	-0.02	-0.06		ppb
Cadmium	106-1	-1.41	-1.13	-0.71	-1.08		ppb
Cadmium	108-1	0.04	0.19	0.15	0.13	62.55	ppb
Calcium	43-1	92288.40	91468.57	91734.32	91830.43	0.46	ppb
Calcium	44-1	91366.93	90745.50	90561.14	90891.19	0.46	ppb
Chromium	52-2	0.07	0.05	0.07	0.06	21.07	ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	121.24	ppb
Copper	63-2	101.80	105.56	102.22	103.19	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				114		%
Indium	115-1				115		%
Indium	115-2				100		%
Iron	56-2	2.92	3.34	3.45	3.24	8.60	ppb
Iron	57-2	1.11	3.41	2.91	2.48	48.76	ppb
Krypton	83-1	-5897.29	-2948.75	-5837.68	-4894.57		ppb
Lead	206-1	2.71	2.76	2.62	2.69	2.60	ppb
Lead	207-1	2.44	2.51	2.34	2.43	3.56	ppb
Lead	208-1	2.58	2.60	2.53	2.57	1.37	ppb
Lithium	6-1				105		%
Magnesium	24-2	11652.70	12032.73	11743.54	11809.66	1.68	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5412-02	Instrumnet Name :	P8
Client Sample ID :	381003205.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:39:12	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.50	2.70	2.51	2.57	4.45	ppb
Molybdenum	94-1	0.56	0.54	0.58	0.56	3.42	ppb
Molybdenum	95-1	0.68	0.70	0.75	0.71	4.96	ppb
Molybdenum	96-1	0.74	0.70	0.74	0.73	3.22	ppb
Molybdenum	97-1	0.78	0.67	0.72	0.72	7.87	ppb
Molybdenum	98-1	0.78	0.69	0.75	0.74	5.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.24	6.23	5.93	6.13	2.88	ppb
Phosphorus	31-2	-7.13	17.17	-7.13	0.97	1443.39	ppb
Potassium	39-2	3819.40	3888.21	3807.18	3838.26	1.14	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				88		%
Selenium	77-2	3.33	-1.56	-1.56	0.07	3917.09	ppb
Selenium	78-2	-0.77	0.04	0.04	-0.23		ppb
Selenium	82-1	0.30	0.31	0.52	0.38	32.97	ppb
Silicon	28-1	9194.48	9088.00	9079.66	9120.71	0.70	ppb
Silver	109-1	0.07	0.07	0.07	0.07	3.75	ppb
Silver	107-1	0.06	0.08	0.07	0.07	14.44	ppb
Sodium	23-2	17418.74	18072.23	17604.63	17698.53	1.90	ppb
Strontium	86-1	509.64	493.88	501.10	501.54	1.57	ppb
Strontium	88-1	511.16	506.43	502.39	506.66	0.87	ppb
Sulfur	34-1	6813.77	6774.38	6775.65	6787.93	0.33	ppb
Terbium	159-1				123		%
Terbium	159-2				114		%
Thallium	203-1	0.05	0.05	0.05	0.05	4.83	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	8.72	ppb
Tin	118-1	0.97	1.04	0.99	1.00	3.80	ppb
Titanium	47-1	0.49	0.31	0.32	0.37	26.62	ppb
Uranium	238-1	3.09	3.14	3.11	3.11	0.77	ppb
Vanadium	51-2	1.25	1.41	1.24	1.30	7.44	ppb
Yttrium	89-1				110		%
Yttrium	89-2				95		%
Zinc	66-2	484.20	494.34	486.61	488.38	1.08	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5412-02	Instrumnet Name :	P8
Client Sample ID :	381003205.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:39:12	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.06	0.06	5.56	ppb
Zirconium	91-1	0.05	0.04	0.05	0.05	12.50	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5413-01	Instrumnet Name :	P8
Client Sample ID :	381003202.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:42:33	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.80	6.37	12.46	9.87	31.87	ppb
Antimony	121-1	0.38	0.38	0.41	0.39	4.00	ppb
Arsenic	75-1	7.26	7.84	8.55	7.88	8.20	ppb
Barium	135-1	0.07	0.10	0.09	0.09	22.61	ppb
Barium	137-1	0.11	0.09	0.10	0.10	10.13	ppb
Beryllium	9-1	0.10	0.08	0.07	0.08	15.68	ppb
Bismuth	209-1				127		%
Bismuth	209-2				115		%
Boron	10-1	125.83	130.84	132.80	129.82	2.77	ppb
Boron	11-1	128.36	132.27	133.13	131.25	1.94	ppb
Cadmium	111-1	-0.10	-0.05	-0.06	-0.07		ppb
Cadmium	106-1	-1.39	-0.94	-0.94	-1.09		ppb
Cadmium	108-1	0.02	0.02	0.06	0.03	80.39	ppb
Calcium	43-1	114.25	105.65	108.19	109.36	4.04	ppb
Calcium	44-1	128.84	128.22	130.30	129.12	0.82	ppb
Chromium	52-2	2.10	2.14	2.09	2.11	1.37	ppb
Cobalt	59-2	0.33	0.31	0.28	0.31	8.16	ppb
Copper	63-2	38.22	38.82	38.74	38.59	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				126		%
Holmium	165-2				116		%
Indium	115-1				116		%
Indium	115-2				101		%
Iron	56-2	9.39	8.67	8.74	8.93	4.45	ppb
Iron	57-2	9.01	7.46	9.45	8.64	12.08	ppb
Krypton	83-1	-3276.31	-2835.82	-5644.61	-3918.91		ppb
Lead	206-1	3.53	3.65	3.57	3.59	1.62	ppb
Lead	207-1	3.35	3.36	3.37	3.36	0.32	ppb
Lead	208-1	3.45	3.46	3.47	3.46	0.29	ppb
Lithium	6-1				105		%
Magnesium	24-2	46.01	43.82	56.94	48.92	14.37	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5413-01	Instrumnet Name :	P8
Client Sample ID :	381003202.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:42:33	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.46	0.45	0.71	0.54	27.03	ppb
Molybdenum	94-1	0.11	0.10	0.14	0.12	14.16	ppb
Molybdenum	95-1	0.08	0.10	0.08	0.08	10.98	ppb
Molybdenum	96-1	0.09	0.09	0.11	0.10	15.17	ppb
Molybdenum	97-1	0.11	0.08	0.13	0.11	22.42	ppb
Molybdenum	98-1	0.06	0.08	0.10	0.08	20.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.58	0.41	0.47	19.60	ppb
Phosphorus	31-2	-7.13	16.44	-7.13	0.73	1870.29	ppb
Potassium	39-2	355.07	373.39	367.40	365.29	2.56	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				101		%
Scandium	45-2				90		%
Selenium	77-2	-1.56	-1.56	3.22	0.03	8065.35	ppb
Selenium	78-2	0.81	0.81	0.02	0.55	83.24	ppb
Selenium	82-1	0.07	-0.15	0.07	0.00		ppb
Silicon	28-1	10635.28	10584.27	10647.77	10622.44	0.32	ppb
Silver	109-1	0.05	0.06	0.07	0.06	14.03	ppb
Silver	107-1	0.05	0.06	0.07	0.06	14.71	ppb
Sodium	23-2	128026.59	128037.42	125182.75	127082.25	1.29	ppb
Strontium	86-1	0.34	0.40	0.32	0.35	12.28	ppb
Strontium	88-1	0.40	0.37	0.39	0.39	3.20	ppb
Sulfur	34-1	4133.50	4242.20	4266.47	4214.06	1.68	ppb
Terbium	159-1				125		%
Terbium	159-2				116		%
Thallium	203-1	0.04	0.04	0.04	0.04	1.98	ppb
Thallium	205-1	0.04	0.08	0.05	0.06	38.92	ppb
Tin	118-1	0.79	0.79	0.70	0.76	6.79	ppb
Titanium	47-1	0.42	0.44	0.43	0.43	2.73	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	6.56	ppb
Vanadium	51-2	0.46	0.49	0.50	0.49	4.12	ppb
Yttrium	89-1				112		%
Yttrium	89-2				97		%
Zinc	66-2	43.14	41.06	41.76	41.99	2.52	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5413-01	Instrumnet Name :	P8
Client Sample ID :	381003202.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:42:33	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.01	0.03	47.59	ppb
Zirconium	91-1	0.00	0.03	0.03	0.02	82.31	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5413-02	Instrumnet Name :	P8
Client Sample ID :	381003202.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:45:56	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.12	7.78	6.10	8.33	30.70	ppb
Antimony	121-1	0.45	0.44	0.45	0.44	1.61	ppb
Arsenic	75-1	8.54	9.89	9.90	9.44	8.28	ppb
Barium	135-1	0.17	0.12	0.12	0.14	21.29	ppb
Barium	137-1	0.11	0.15	0.13	0.13	12.61	ppb
Beryllium	9-1	0.08	0.06	0.08	0.07	16.03	ppb
Bismuth	209-1				125		%
Bismuth	209-2				112		%
Boron	10-1	116.72	119.97	122.40	119.70	2.38	ppb
Boron	11-1	115.51	118.62	119.30	117.81	1.71	ppb
Cadmium	111-1	0.19	0.21	0.14	0.18	18.33	ppb
Cadmium	106-1	-0.54	-0.80	-1.18	-0.84		ppb
Cadmium	108-1	0.36	0.46	0.37	0.40	13.18	ppb
Calcium	43-1	130.59	132.10	119.25	127.31	5.52	ppb
Calcium	44-1	151.29	148.88	146.77	148.98	1.52	ppb
Chromium	52-2	1.65	1.50	1.47	1.54	6.14	ppb
Cobalt	59-2	0.32	0.28	0.32	0.31	6.95	ppb
Copper	63-2	234.25	233.37	231.89	233.17	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				125		%
Holmium	165-2				114		%
Indium	115-1				115		%
Indium	115-2				98		%
Iron	56-2	3.95	4.49	4.38	4.27	6.67	ppb
Iron	57-2	5.89	2.91	2.92	3.91	44.02	ppb
Krypton	83-1	-7341.00	-5638.24	-4743.34	-5907.53		ppb
Lead	206-1	2.41	2.39	2.52	2.44	2.86	ppb
Lead	207-1	2.18	2.27	2.21	2.22	1.98	ppb
Lead	208-1	2.32	2.33	2.33	2.33	0.30	ppb
Lithium	6-1				103		%
Magnesium	24-2	185.89	192.71	166.11	181.57	7.61	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5413-02	Instrumnet Name :	P8
Client Sample ID :	381003202.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:45:56	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.51	0.38	0.60	0.50	22.51	ppb
Molybdenum	94-1	0.12	0.09	0.10	0.10	15.49	ppb
Molybdenum	95-1	0.05	0.07	0.06	0.06	19.35	ppb
Molybdenum	96-1	0.10	0.08	0.09	0.09	9.53	ppb
Molybdenum	97-1	0.06	0.06	0.12	0.08	44.65	ppb
Molybdenum	98-1	0.06	0.08	0.08	0.07	13.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.51	6.58	6.10	6.39	4.03	ppb
Phosphorus	31-2	-7.13	-7.13	-7.13	-7.13		ppb
Potassium	39-2	400.26	383.45	409.35	397.69	3.30	ppb
Rhodium	103-1				110		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				88		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	1.66	-0.77	0.04	0.31	400.53	ppb
Selenium	82-1	0.17	0.41	0.15	0.24	59.72	ppb
Silicon	28-1	10179.84	10266.46	10187.92	10211.41	0.47	ppb
Silver	109-1	0.06	0.05	0.06	0.06	14.74	ppb
Silver	107-1	0.05	0.06	0.05	0.06	10.12	ppb
Sodium	23-2	133118.82	133795.69	133617.48	133510.66	0.26	ppb
Strontium	86-1	0.34	0.35	0.37	0.35	3.53	ppb
Strontium	88-1	0.39	0.39	0.41	0.39	2.41	ppb
Sulfur	34-1	3849.89	4153.61	3961.88	3988.46	3.85	ppb
Terbium	159-1				124		%
Terbium	159-2				113		%
Thallium	203-1	0.03	0.03	0.04	0.03	19.20	ppb
Thallium	205-1	0.03	0.04	0.03	0.04	11.74	ppb
Tin	118-1	0.10	0.12	0.12	0.12	10.95	ppb
Titanium	47-1	0.50	0.38	0.49	0.46	14.42	ppb
Uranium	238-1	0.11	0.12	0.11	0.11	4.59	ppb
Vanadium	51-2	0.72	0.63	0.67	0.67	6.87	ppb
Yttrium	89-1				109		%
Yttrium	89-2				95		%
Zinc	66-2	585.43	569.26	571.93	575.54	1.51	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5413-02	Instrumnet Name :	P8
Client Sample ID :	381003202.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:45:56	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.05	0.05	0.05	12.86	ppb
Zirconium	91-1	0.05	0.05	0.05	0.05	7.37	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5415-01	Instrumnet Name :	P8
Client Sample ID :	381003128.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:49:18	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.58	13.96	10.27	11.94	15.70	ppb
Antimony	121-1	0.40	0.39	0.41	0.40	2.28	ppb
Arsenic	75-1	10.43	11.40	11.43	11.09	5.12	ppb
Barium	135-1	190.60	189.62	191.14	190.45	0.41	ppb
Barium	137-1	190.48	190.20	191.66	190.78	0.41	ppb
Beryllium	9-1	0.08	0.03	0.09	0.07	43.06	ppb
Bismuth	209-1				127		%
Bismuth	209-2				113		%
Boron	10-1	87.62	88.51	91.93	89.35	2.55	ppb
Boron	11-1	90.97	91.30	92.57	91.61	0.92	ppb
Cadmium	111-1	-0.02	-0.03	-0.03	-0.03		ppb
Cadmium	106-1	-0.47	-0.47	-0.35	-0.43		ppb
Cadmium	108-1	0.08	0.08	0.22	0.13	61.32	ppb
Calcium	43-1	36820.00	37126.33	37134.60	37026.98	0.48	ppb
Calcium	44-1	37183.05	37392.61	37299.07	37291.58	0.28	ppb
Chromium	52-2	0.71	0.81	0.98	0.84	16.51	ppb
Cobalt	59-2	0.02	0.02	0.03	0.02	31.09	ppb
Copper	63-2	7.25	7.02	7.24	7.17	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				125		%
Holmium	165-2				114		%
Indium	115-1				115		%
Indium	115-2				98		%
Iron	56-2	8.65	7.73	8.18	8.19	5.63	ppb
Iron	57-2	7.53	11.32	7.09	8.65	26.90	ppb
Krypton	83-1	-4998.05	-5147.78	-4743.47	-4963.10		ppb
Lead	206-1	0.22	0.22	0.19	0.21	7.86	ppb
Lead	207-1	0.19	0.19	0.20	0.19	2.85	ppb
Lead	208-1	0.20	0.21	0.20	0.20	1.41	ppb
Lithium	6-1				104		%
Magnesium	24-2	18272.73	17761.58	18162.36	18065.56	1.49	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5415-01	Instrumnet Name :	P8
Client Sample ID :	381003128.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:49:18	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.45	0.52	0.30	0.42	26.56	ppb
Molybdenum	94-1	0.78	0.76	0.86	0.80	6.39	ppb
Molybdenum	95-1	0.92	0.79	0.88	0.86	7.88	ppb
Molybdenum	96-1	0.78	0.87	0.85	0.83	5.82	ppb
Molybdenum	97-1	0.92	0.85	0.89	0.89	3.80	ppb
Molybdenum	98-1	0.81	0.92	0.79	0.84	8.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.43	0.50	0.49	11.00	ppb
Phosphorus	31-2	17.68	-7.13	17.69	9.41	152.19	ppb
Potassium	39-2	1239.26	1177.05	1252.72	1223.01	3.30	ppb
Rhodium	103-1				110		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				85		%
Selenium	77-2	3.44	3.40	-1.56	1.76	163.31	ppb
Selenium	78-2	0.06	0.87	0.07	0.33	140.43	ppb
Selenium	82-1	1.02	0.81	0.41	0.75	41.64	ppb
Silicon	28-1	8419.42	8473.93	8443.24	8445.53	0.32	ppb
Silver	109-1	0.06	0.05	0.06	0.06	10.56	ppb
Silver	107-1	0.06	0.05	0.05	0.05	6.90	ppb
Sodium	23-2	10592.21	10290.92	10510.87	10464.67	1.49	ppb
Strontium	86-1	936.93	932.89	935.65	935.16	0.22	ppb
Strontium	88-1	932.15	932.82	937.80	934.25	0.33	ppb
Sulfur	34-1	2474.13	2853.16	2792.51	2706.60	7.52	ppb
Terbium	159-1				123		%
Terbium	159-2				113		%
Thallium	203-1	0.05	0.04	0.05	0.04	10.39	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	12.24	ppb
Tin	118-1	0.19	0.17	0.15	0.17	11.67	ppb
Titanium	47-1	0.38	0.25	0.31	0.31	20.20	ppb
Uranium	238-1	4.28	4.25	4.25	4.26	0.42	ppb
Vanadium	51-2	6.39	6.22	6.44	6.35	1.75	ppb
Yttrium	89-1				111		%
Yttrium	89-2				93		%
Zinc	66-2	12.86	12.67	11.74	12.42	4.80	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5415-01	Instrumnet Name :	P8
Client Sample ID :	381003128.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:49:18	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.15	0.12	0.13	11.79	ppb
Zirconium	91-1	0.13	0.15	0.12	0.13	13.64	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5415-02	Instrumnet Name :	P8
Client Sample ID :	381003129	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:52:40	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.06	11.43	12.09	12.53	10.89	ppb
Antimony	121-1	0.40	0.38	0.39	0.39	2.34	ppb
Arsenic	75-1	11.56	11.71	12.30	11.86	3.28	ppb
Barium	135-1	0.59	0.65	0.61	0.62	5.23	ppb
Barium	137-1	0.67	0.64	0.62	0.64	4.00	ppb
Beryllium	9-1	0.03	0.11	0.08	0.07	54.51	ppb
Bismuth	209-1				126		%
Bismuth	209-2				114		%
Boron	10-1	90.25	95.04	93.46	92.92	2.63	ppb
Boron	11-1	92.16	95.23	96.84	94.74	2.51	ppb
Cadmium	111-1	-0.07	-0.13	-0.05	-0.08		ppb
Cadmium	106-1	-0.85	-1.82	-0.86	-1.18		ppb
Cadmium	108-1	0.10	0.02	0.04	0.05	84.55	ppb
Calcium	43-1	153.34	140.69	137.68	143.90	5.77	ppb
Calcium	44-1	159.62	158.86	159.15	159.21	0.24	ppb
Chromium	52-2	0.34	0.40	0.33	0.36	10.74	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	978.75	ppb
Copper	63-2	3.47	3.65	3.67	3.59	3.05	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				124		%
Holmium	165-2				115		%
Indium	115-1				115		%
Indium	115-2				101		%
Iron	56-2	3.90	3.09	3.38	3.45	11.94	ppb
Iron	57-2	4.17	1.57	3.37	3.04	43.85	ppb
Krypton	83-1	-6399.52	-4465.45	-4219.33	-5028.10		ppb
Lead	206-1	0.23	0.24	0.22	0.23	2.83	ppb
Lead	207-1	0.22	0.19	0.23	0.21	10.24	ppb
Lead	208-1	0.22	0.21	0.22	0.22	4.40	ppb
Lithium	6-1				103		%
Magnesium	24-2	50.84	55.48	51.45	52.59	4.79	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5415-02	Instrumnet Name :	P8
Client Sample ID :	381003129	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:52:40	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.12	0.19	0.13	43.56	ppb
Molybdenum	94-1	0.71	0.71	0.68	0.70	2.60	ppb
Molybdenum	95-1	0.78	0.77	0.81	0.79	3.02	ppb
Molybdenum	96-1	0.86	0.83	0.88	0.86	2.96	ppb
Molybdenum	97-1	0.90	0.81	0.80	0.84	6.57	ppb
Molybdenum	98-1	0.80	0.83	0.86	0.83	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.12	0.09	0.10	14.04	ppb
Phosphorus	31-2	64.56	16.58	41.19	40.78	58.84	ppb
Potassium	39-2	403.90	429.79	412.81	415.50	3.17	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				99		%
Scandium	45-2				88		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	-0.77	0.86	0.04	0.04	1909.70	ppb
Selenium	82-1	0.90	0.71	0.68	0.76	15.89	ppb
Silicon	28-1	8213.85	8293.38	8182.02	8229.75	0.70	ppb
Silver	109-1	0.05	0.04	0.04	0.04	13.17	ppb
Silver	107-1	0.04	0.04	0.04	0.04	1.51	ppb
Sodium	23-2	92112.41	90283.43	90522.50	90972.78	1.09	ppb
Strontium	86-1	3.09	2.90	2.91	2.97	3.49	ppb
Strontium	88-1	2.98	2.97	2.93	2.96	0.85	ppb
Sulfur	34-1	2612.63	2761.09	2684.49	2686.07	2.76	ppb
Terbium	159-1				123		%
Terbium	159-2				114		%
Thallium	203-1	0.03	0.03	0.03	0.03	14.24	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	21.24	ppb
Tin	118-1	0.58	0.58	0.59	0.59	0.84	ppb
Titanium	47-1	0.47	0.36	0.23	0.36	33.88	ppb
Uranium	238-1	4.03	4.05	4.17	4.08	1.85	ppb
Vanadium	51-2	6.45	6.17	6.23	6.28	2.29	ppb
Yttrium	89-1				110		%
Yttrium	89-2				96		%
Zinc	66-2	14.27	13.73	14.33	14.11	2.35	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5415-02	Instrumnet Name :	P8
Client Sample ID :	381003129	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:52:40	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.05	0.05	6.31	ppb
Zirconium	91-1	0.03	0.06	0.06	0.05	35.91	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5416-01	Instrumnet Name :	P8
Client Sample ID :	381003126.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:56:02	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.74	12.52	8.85	9.71	25.77	ppb
Antimony	121-1	0.39	0.40	0.37	0.39	3.25	ppb
Arsenic	75-1	11.28	11.82	12.06	11.72	3.42	ppb
Barium	135-1	376.29	378.35	375.76	376.80	0.36	ppb
Barium	137-1	386.65	395.24	388.97	390.29	1.14	ppb
Beryllium	9-1	0.04	0.02	0.01	0.03	55.58	ppb
Bismuth	209-1				127		%
Bismuth	209-2				113		%
Boron	10-1	95.32	98.57	93.65	95.85	2.61	ppb
Boron	11-1	99.52	101.27	101.63	100.81	1.12	ppb
Cadmium	111-1	-0.06	-0.10	-0.08	-0.08		ppb
Cadmium	106-1	-0.89	-1.41	-1.17	-1.16		ppb
Cadmium	108-1	0.04	0.08	0.00	0.04	112.61	ppb
Calcium	43-1	53849.69	53843.21	53519.91	53737.60	0.35	ppb
Calcium	44-1	54157.07	54260.42	53797.00	54071.50	0.45	ppb
Chromium	52-2	0.68	0.81	0.61	0.70	14.86	ppb
Cobalt	59-2	0.03	0.02	0.01	0.02	52.55	ppb
Copper	63-2	8.83	8.78	9.12	8.91	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				125		%
Holmium	165-2				114		%
Indium	115-1				114		%
Indium	115-2				99		%
Iron	56-2	27.41	28.36	28.87	28.21	2.63	ppb
Iron	57-2	31.18	27.70	29.02	29.30	6.00	ppb
Krypton	83-1	-6054.60	-7227.71	-3468.12	-5583.47		ppb
Lead	206-1	0.24	0.23	0.24	0.24	2.59	ppb
Lead	207-1	0.22	0.23	0.23	0.23	1.61	ppb
Lead	208-1	0.23	0.24	0.24	0.24	1.62	ppb
Lithium	6-1				104		%
Magnesium	24-2	8770.61	9149.67	8842.78	8921.02	2.26	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5416-01	Instrumnet Name :	P8
Client Sample ID :	381003126.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:56:02	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.55	0.71	0.60	0.62	13.16	ppb
Molybdenum	94-1	0.89	0.93	0.94	0.92	2.94	ppb
Molybdenum	95-1	1.16	1.20	1.17	1.18	2.00	ppb
Molybdenum	96-1	1.21	1.26	1.19	1.22	3.25	ppb
Molybdenum	97-1	1.15	1.22	1.26	1.21	4.42	ppb
Molybdenum	98-1	1.21	1.24	1.15	1.20	3.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.35	0.37	0.34	11.32	ppb
Phosphorus	31-2	16.78	67.70	17.44	33.97	85.99	ppb
Potassium	39-2	1043.02	1069.72	1045.74	1052.83	1.40	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	1.68	-0.77	-0.77	0.04	3151.77	ppb
Selenium	82-1	0.62	0.93	0.46	0.67	35.48	ppb
Silicon	28-1	10483.82	10502.54	10404.91	10463.76	0.50	ppb
Silver	109-1	0.04	0.05	0.05	0.04	15.73	ppb
Silver	107-1	0.04	0.05	0.05	0.05	7.20	ppb
Sodium	23-2	16617.35	17265.72	17002.61	16961.89	1.92	ppb
Strontium	86-1	241.83	244.39	240.79	242.34	0.76	ppb
Strontium	88-1	250.83	251.27	247.60	249.90	0.80	ppb
Sulfur	34-1	3753.93	3952.67	3986.73	3897.78	3.23	ppb
Terbium	159-1				123		%
Terbium	159-2				113		%
Thallium	203-1	0.04	0.03	0.03	0.03	14.94	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	6.84	ppb
Tin	118-1	0.21	0.19	0.19	0.20	5.75	ppb
Titanium	47-1	0.34	0.32	0.50	0.39	24.98	ppb
Uranium	238-1	2.96	2.94	2.95	2.95	0.47	ppb
Vanadium	51-2	9.91	10.84	10.10	10.28	4.77	ppb
Yttrium	89-1				110		%
Yttrium	89-2				94		%
Zinc	66-2	12.75	14.77	14.94	14.15	8.59	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5416-01	Instrumnet Name :	P8
Client Sample ID :	381003126.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:56:02	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.02	0.03	23.81	ppb
Zirconium	91-1	0.04	0.02	0.01	0.03	64.83	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5417-01	Instrumnet Name :	P8
Client Sample ID :	381004101.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:59:24	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.46	7.00	8.07	8.18	15.05	ppb
Antimony	121-1	0.37	0.43	0.47	0.42	12.98	ppb
Arsenic	75-1	9.19	9.38	11.03	9.87	10.24	ppb
Barium	135-1	150.62	150.69	166.97	156.09	6.03	ppb
Barium	137-1	150.75	152.08	168.98	157.27	6.46	ppb
Beryllium	9-1	0.41	0.43	0.52	0.46	13.01	ppb
Bismuth	209-1				125		%
Bismuth	209-2				116		%
Boron	10-1	13.09	12.49	13.14	12.91	2.80	ppb
Boron	11-1	14.14	13.25	14.60	14.00	4.88	ppb
Cadmium	111-1	-0.03	0.01	0.02	0.00		ppb
Cadmium	106-1	-1.21	-0.72	-0.63	-0.85		ppb
Cadmium	108-1	0.25	0.19	0.07	0.17	54.22	ppb
Calcium	43-1	48471.93	48437.22	53139.67	50016.27	5.41	ppb
Calcium	44-1	49204.49	48281.70	53453.38	50313.19	5.48	ppb
Chromium	52-2	0.23	0.17	0.20	0.20	15.79	ppb
Cobalt	59-2	0.14	0.11	0.13	0.13	14.75	ppb
Copper	63-2	275.57	277.43	281.89	278.30	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				123		%
Holmium	165-2				115		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	56-2	5.37	4.93	5.18	5.16	4.29	ppb
Iron	57-2	4.19	6.86	7.52	6.19	28.50	ppb
Krypton	83-1	-3388.74	-5795.78	448.42	-2912.03		ppb
Lead	206-1	0.51	0.49	0.55	0.52	5.80	ppb
Lead	207-1	0.46	0.47	0.50	0.48	4.75	ppb
Lead	208-1	0.48	0.49	0.53	0.50	5.96	ppb
Lithium	6-1				102		%
Magnesium	24-2	10589.45	10701.92	10865.27	10718.88	1.29	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5417-01	Instrumnet Name :	P8
Client Sample ID :	381004101.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:59:24	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	20.09	19.67	21.16	20.31	3.79	ppb
Molybdenum	94-1	0.02	0.03	0.03	0.03	23.13	ppb
Molybdenum	95-1	0.02	0.01	0.00	0.01	122.77	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	36.05	ppb
Molybdenum	97-1	-0.01	0.03	0.04	0.02	117.18	ppb
Molybdenum	98-1	0.01	0.00	0.03	0.01	129.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.80	2.04	2.01	1.95	6.70	ppb
Phosphorus	31-2	-7.13	-7.13	-7.13	-7.13		ppb
Potassium	39-2	2340.03	2356.52	2388.55	2361.70	1.04	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				96		%
Scandium	45-2				86		%
Selenium	77-2	3.29	-1.56	-1.56	0.06	4752.08	ppb
Selenium	78-2	0.03	4.09	0.05	1.39	168.22	ppb
Selenium	82-1	0.79	1.07	0.75	0.87	19.90	ppb
Silicon	28-1	10043.71	9856.29	10879.11	10259.70	5.31	ppb
Silver	109-1	0.08	0.08	0.09	0.08	2.16	ppb
Silver	107-1	0.08	0.07	0.10	0.09	17.85	ppb
Sodium	23-2	21048.26	21411.33	21657.56	21372.39	1.43	ppb
Strontium	86-1	228.91	231.13	255.71	238.58	6.23	ppb
Strontium	88-1	238.73	236.13	262.64	245.83	5.95	ppb
Sulfur	34-1	-820.17	-1026.48	26.94	-606.57		ppb
Terbium	159-1				122		%
Terbium	159-2				115		%
Thallium	203-1	0.02	0.03	0.04	0.03	30.21	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	20.91	ppb
Tin	118-1	0.11	0.09	0.10	0.10	9.37	ppb
Titanium	47-1	0.51	0.50	0.40	0.47	13.02	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	1.85	ppb
Vanadium	51-2	0.10	0.14	0.16	0.13	24.17	ppb
Yttrium	89-1				107		%
Yttrium	89-2				95		%
Zinc	66-2	175.62	179.03	178.45	177.70	1.03	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5417-01	Instrumnet Name :	P8
Client Sample ID :	381004101.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:59:24	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.01	64.39	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5418-01	Instrumnet Name :	P8
Client Sample ID :	381003106.4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:02:45	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.71	11.47	8.83	9.67	16.14	ppb
Antimony	121-1	0.39	0.39	0.41	0.39	2.63	ppb
Arsenic	75-1	10.35	10.06	11.00	10.47	4.59	ppb
Barium	135-1	166.81	166.30	166.62	166.58	0.15	ppb
Barium	137-1	166.96	166.17	167.60	166.91	0.43	ppb
Beryllium	9-1	0.00	0.06	0.05	0.04	95.25	ppb
Bismuth	209-1				127		%
Bismuth	209-2				111		%
Boron	10-1	62.97	63.42	63.73	63.37	0.60	ppb
Boron	11-1	60.12	65.19	62.00	62.44	4.11	ppb
Cadmium	111-1	-0.06	-0.09	-0.04	-0.06		ppb
Cadmium	106-1	-0.95	-1.24	-0.71	-0.96		ppb
Cadmium	108-1	0.04	0.08	0.06	0.06	36.23	ppb
Calcium	43-1	76012.11	75943.97	78467.18	76807.75	1.87	ppb
Calcium	44-1	75948.28	76051.48	76942.60	76314.12	0.72	ppb
Chromium	52-2	0.98	1.01	0.84	0.95	9.57	ppb
Cobalt	59-2	0.14	0.17	0.08	0.13	32.75	ppb
Copper	63-2	30.80	33.48	30.44	31.57	5.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				126		%
Holmium	165-2				112		%
Indium	115-1				115		%
Indium	115-2				95		%
Iron	56-2	7.58	8.57	6.76	7.64	11.90	ppb
Iron	57-2	7.73	8.17	3.02	6.30	45.27	ppb
Krypton	83-1	-3458.27	-3067.68	-4853.89	-3793.28		ppb
Lead	206-1	0.56	0.63	0.61	0.60	5.25	ppb
Lead	207-1	0.54	0.54	0.56	0.55	2.41	ppb
Lead	208-1	0.57	0.58	0.59	0.58	1.49	ppb
Lithium	6-1				104		%
Magnesium	24-2	18869.98	20649.39	19057.61	19525.66	5.01	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5418-01	Instrumnet Name :	P8
Client Sample ID :	381003106.4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:02:45	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.43	0.22	0.36	0.34	31.92	ppb
Molybdenum	94-1	0.05	0.03	0.06	0.05	30.35	ppb
Molybdenum	95-1	0.01	0.00	0.03	0.01	118.55	ppb
Molybdenum	96-1	0.02	0.01	0.04	0.03	48.05	ppb
Molybdenum	97-1	0.01	0.02	0.01	0.01	70.19	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	37.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.73	0.84	0.75	9.98	ppb
Phosphorus	31-2	41.31	19.29	-7.13	17.82	136.07	ppb
Potassium	39-2	1137.47	1206.76	1126.59	1156.94	3.76	ppb
Rhodium	103-1				109		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				84		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	-0.77	0.13	0.87	0.08	1084.09	ppb
Selenium	82-1	0.00	-0.09	0.57	0.16	224.51	ppb
Silicon	28-1	11042.36	11021.36	11176.42	11080.05	0.76	ppb
Silver	109-1	0.05	0.05	0.04	0.05	7.62	ppb
Silver	107-1	0.04	0.05	0.05	0.05	13.10	ppb
Sodium	23-2	37897.63	41773.17	38137.00	39269.27	5.53	ppb
Strontium	86-1	130.85	131.15	131.52	131.17	0.26	ppb
Strontium	88-1	136.23	137.81	138.89	137.65	0.97	ppb
Sulfur	34-1	4951.92	4661.44	5089.56	4900.97	4.46	ppb
Terbium	159-1				124		%
Terbium	159-2				111		%
Thallium	203-1	0.03	0.02	0.03	0.03	23.82	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	5.13	ppb
Tin	118-1	0.26	0.24	0.29	0.26	9.29	ppb
Titanium	47-1	0.39	0.45	0.41	0.42	7.36	ppb
Uranium	238-1	0.86	0.90	0.88	0.88	1.93	ppb
Vanadium	51-2	0.74	0.68	0.62	0.68	8.85	ppb
Yttrium	89-1				110		%
Yttrium	89-2				91		%
Zinc	66-2	22.07	25.11	22.91	23.36	6.72	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5418-01	Instrumnet Name :	P8
Client Sample ID :	381003106.4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:02:45	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.02	0.02	26.19	ppb
Zirconium	91-1	0.03	0.02	0.00	0.02	66.22	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:06:06	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48960.12	48874.95	49926.08	49253.72	1.19	ppb
Antimony	121-1	474.42	484.40	480.93	479.92	1.06	ppb
Arsenic	75-1	504.47	501.89	497.88	501.41	0.66	ppb
Barium	135-1	2495.75	2494.46	2480.74	2490.32	0.33	ppb
Barium	137-1	2455.90	2482.52	2449.92	2462.78	0.70	ppb
Beryllium	9-1	498.04	491.64	492.35	494.01	0.71	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	505.83	514.99	516.54	512.45	1.13	ppb
Boron	11-1	507.22	515.91	525.83	516.32	1.80	ppb
Cadmium	111-1	462.09	463.67	462.84	462.87	0.17	ppb
Cadmium	106-1	472.11	481.81	474.53	476.15	1.06	ppb
Cadmium	108-1	465.77	477.54	473.42	472.24	1.26	ppb
Calcium	43-1	240191.23	238164.84	237207.81	238521.29	0.64	ppb
Calcium	44-1	242310.99	239860.49	237914.37	240028.62	0.92	ppb
Chromium	52-2	533.10	533.00	542.42	536.17	1.01	ppb
Cobalt	59-2	500.05	501.67	512.06	504.59	1.29	ppb
Copper	63-2	980.73	991.12	1003.04	991.63	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	123608.93	124408.39	126589.85	124869.06	1.24	ppb
Iron	57-2	122547.58	124117.01	126310.10	124324.90	1.52	ppb
Krypton	83-1	-2738.76	-1244.32	-1226.35	-1736.48		ppb
Lead	206-1	514.41	515.44	514.04	514.63	0.14	ppb
Lead	207-1	515.48	516.92	518.31	516.90	0.27	ppb
Lead	208-1	511.88	513.22	512.72	512.60	0.13	ppb
Lithium	6-1				92		%
Magnesium	24-2	241526.02	241796.77	246209.54	243177.44	1.08	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:06:06	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1002.15	1002.91	1018.63	1007.90	0.92	ppb
Molybdenum	94-1	2528.01	2573.69	2540.14	2547.28	0.93	ppb
Molybdenum	95-1	2515.43	2557.54	2547.72	2540.23	0.87	ppb
Molybdenum	96-1	2509.32	2545.35	2551.87	2535.51	0.90	ppb
Molybdenum	97-1	2517.19	2533.78	2522.87	2524.62	0.33	ppb
Molybdenum	98-1	2529.19	2536.40	2542.26	2535.95	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.99	523.66	530.84	525.16	0.97	ppb
Phosphorus	31-2	9020.95	9892.22	9976.76	9629.98	5.49	ppb
Potassium	39-2	117284.89	119960.71	120830.63	119358.75	1.55	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	434.82	503.78	429.12	455.90	9.12	ppb
Selenium	78-2	491.04	436.03	466.67	464.58	5.93	ppb
Selenium	82-1	485.18	495.07	488.95	489.73	1.02	ppb
Silicon	28-1	512.57	525.57	514.17	517.44	1.37	ppb
Silver	109-1	476.66	475.55	473.09	475.10	0.39	ppb
Silver	107-1	475.39	476.75	475.02	475.72	0.19	ppb
Sodium	23-2	241856.89	240944.11	246204.40	243001.80	1.16	ppb
Strontium	86-1	492.07	492.77	492.53	492.46	0.07	ppb
Strontium	88-1	502.61	505.73	500.93	503.09	0.48	ppb
Sulfur	34-1	9132.63	9110.31	8852.72	9031.88	1.72	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	511.71	516.72	513.51	513.98	0.49	ppb
Thallium	205-1	511.80	506.46	513.14	510.47	0.69	ppb
Tin	118-1	487.88	491.92	491.51	490.44	0.45	ppb
Titanium	47-1	2553.46	2523.10	2517.26	2531.27	0.77	ppb
Uranium	238-1	528.96	528.00	525.40	527.45	0.35	ppb
Vanadium	51-2	506.74	510.75	518.10	511.86	1.13	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	1002.01	1008.33	1020.60	1010.31	0.94	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:06:06	DataFile Name :	079CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.33	507.01	504.62	503.65	0.78	ppb
Zirconium	91-1	504.12	517.02	507.80	509.65	1.30	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:09:18	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.66	0.19	2.29	1.72	77.55	ppb
Antimony	121-1	1.19	1.09	1.00	1.09	8.67	ppb
Arsenic	75-1	0.38	0.36	0.35	0.36	3.31	ppb
Barium	135-1	0.10	0.10	0.05	0.08	35.71	ppb
Barium	137-1	0.08	0.06	0.03	0.06	38.00	ppb
Beryllium	9-1	0.25	0.21	0.23	0.23	7.79	ppb
Bismuth	209-1				117		%
Bismuth	209-2				110		%
Boron	10-1	18.89	18.20	18.84	18.64	2.04	ppb
Boron	11-1	20.72	19.43	18.34	19.50	6.12	ppb
Cadmium	111-1	0.06	-0.03	-0.03	0.00		ppb
Cadmium	106-1	-0.14	-0.97	-0.76	-0.63		ppb
Cadmium	108-1	0.09	0.16	0.02	0.09	77.69	ppb
Calcium	43-1	1.23	-0.90	5.41	1.91	167.88	ppb
Calcium	44-1	10.28	7.98	6.61	8.29	22.39	ppb
Chromium	52-2	-0.01	-0.01	0.04	0.01	476.36	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	559.28	ppb
Copper	63-2	0.19	0.17	0.17	0.17	6.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				98		%
Iron	56-2	3.61	3.51	3.04	3.39	9.04	ppb
Iron	57-2	2.01	1.29	4.66	2.65	66.84	ppb
Krypton	83-1	-3066.41	-5279.77	-3470.42	-3938.87		ppb
Lead	206-1	0.03	0.03	0.02	0.03	13.20	ppb
Lead	207-1	0.03	0.03	0.02	0.03	11.43	ppb
Lead	208-1	0.03	0.03	0.03	0.03	3.54	ppb
Lithium	6-1				97		%
Magnesium	24-2	6.30	4.80	5.82	5.64	13.62	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:09:18	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	0.04	0.00	0.00		ppb
Molybdenum	94-1	0.84	0.80	0.75	0.80	6.10	ppb
Molybdenum	95-1	0.99	0.86	0.76	0.87	12.80	ppb
Molybdenum	96-1	0.93	0.90	0.77	0.86	9.98	ppb
Molybdenum	97-1	0.95	0.84	0.72	0.83	13.68	ppb
Molybdenum	98-1	0.96	0.85	0.70	0.84	15.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.04	-0.09	-0.03		ppb
Phosphorus	31-2	40.47	-7.13	-7.13	8.74	314.49	ppb
Potassium	39-2	11.83	8.94	-10.28	3.50	343.62	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				95		%
Scandium	45-2				87		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	-0.77	0.87	0.88	0.33	291.85	ppb
Selenium	82-1	0.61	0.57	0.35	0.51	27.50	ppb
Silicon	28-1	-6.63	-7.77	-7.42	-7.27		ppb
Silver	109-1	0.04	0.06	0.05	0.05	15.35	ppb
Silver	107-1	0.04	0.05	0.05	0.05	11.41	ppb
Sodium	23-2	14.72	18.36	7.88	13.65	38.98	ppb
Strontium	86-1	0.05	0.01	0.01	0.02	105.30	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	3.02	ppb
Sulfur	34-1	-1157.38	-1322.19	-1138.80	-1206.12		ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	0.15	0.11	0.09	0.12	23.56	ppb
Thallium	205-1	0.14	0.12	0.12	0.13	8.66	ppb
Tin	118-1	0.27	0.25	0.23	0.25	7.16	ppb
Titanium	47-1	0.10	0.11	0.16	0.12	25.56	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	30.04	ppb
Vanadium	51-2	0.02	0.00	0.02	0.01	118.91	ppb
Yttrium	89-1				105		%
Yttrium	89-2				94		%
Zinc	66-2	0.28	-0.08	0.16	0.12	153.70	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:09:18	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.14	0.13	0.14	7.62	ppb
Zirconium	91-1	0.15	0.13	0.11	0.13	13.15	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5419-01	Instrumnet Name :	P8
Client Sample ID :	381003104.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:12:41	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.83	12.00	9.78	11.87	17.06	ppb
Antimony	121-1	0.51	0.58	0.51	0.53	7.66	ppb
Arsenic	75-1	3.80	4.29	4.73	4.27	10.87	ppb
Barium	135-1	187.85	185.52	186.82	186.73	0.63	ppb
Barium	137-1	187.79	186.80	187.50	187.36	0.27	ppb
Beryllium	9-1	0.14	0.10	0.08	0.11	29.36	ppb
Bismuth	209-1				130		%
Bismuth	209-2				110		%
Boron	10-1	36.92	36.47	37.25	36.88	1.07	ppb
Boron	11-1	37.01	37.92	37.12	37.35	1.34	ppb
Cadmium	111-1	0.01	-0.04	-0.01	-0.01		ppb
Cadmium	106-1	-0.30	-1.26	-1.01	-0.86		ppb
Cadmium	108-1	0.10	0.12	-0.03	0.07	123.41	ppb
Calcium	43-1	66626.08	67198.71	66677.95	66834.25	0.47	ppb
Calcium	44-1	65681.03	66317.94	65949.73	65982.90	0.48	ppb
Chromium	52-2	1.06	1.02	0.99	1.03	3.41	ppb
Cobalt	59-2	0.03	0.03	0.04	0.03	17.50	ppb
Copper	63-2	17.64	18.27	18.11	18.01	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				127		%
Holmium	165-2				111		%
Indium	115-1				118		%
Indium	115-2				95		%
Iron	56-2	10.86	11.34	10.59	10.93	3.48	ppb
Iron	57-2	11.15	8.77	11.13	10.35	13.19	ppb
Krypton	83-1	-4538.15	-5872.73	-3628.46	-4679.78		ppb
Lead	206-1	1.32	1.26	1.31	1.29	2.25	ppb
Lead	207-1	1.11	1.09	1.15	1.12	2.89	ppb
Lead	208-1	1.21	1.17	1.21	1.19	1.88	ppb
Lithium	6-1				105		%
Magnesium	24-2	15046.22	15271.11	15297.52	15204.95	0.91	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5419-01	Instrumnet Name :	P8
Client Sample ID :	381003104.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:12:41	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.97	2.40	2.60	2.32	13.90	ppb
Molybdenum	94-1	0.30	0.27	0.34	0.30	11.17	ppb
Molybdenum	95-1	0.22	0.19	0.20	0.20	8.94	ppb
Molybdenum	96-1	0.29	0.22	0.24	0.25	14.64	ppb
Molybdenum	97-1	0.21	0.22	0.23	0.22	4.82	ppb
Molybdenum	98-1	0.26	0.26	0.25	0.26	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.62	0.48	0.53	14.76	ppb
Phosphorus	31-2	42.73	-7.13	18.61	18.07	137.98	ppb
Potassium	39-2	599.53	608.92	605.37	604.61	0.78	ppb
Rhodium	103-1				113		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				83		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.90	0.10	-0.77	0.08	1098.39	ppb
Selenium	82-1	0.33	0.31	0.30	0.31	5.79	ppb
Silicon	28-1	11216.89	11250.53	11227.29	11231.57	0.15	ppb
Silver	109-1	0.08	0.09	0.08	0.08	11.13	ppb
Silver	107-1	0.08	0.08	0.09	0.09	8.86	ppb
Sodium	23-2	13622.60	13817.29	13725.94	13721.94	0.71	ppb
Strontium	86-1	85.29	84.69	84.26	84.75	0.61	ppb
Strontium	88-1	90.76	88.87	88.03	89.22	1.56	ppb
Sulfur	34-1	3093.22	3265.09	3285.71	3214.67	3.29	ppb
Terbium	159-1				126		%
Terbium	159-2				110		%
Thallium	203-1	0.14	0.13	0.11	0.13	11.16	ppb
Thallium	205-1	0.14	0.13	0.12	0.13	9.35	ppb
Tin	118-1	0.14	0.15	0.15	0.15	4.53	ppb
Titanium	47-1	0.48	0.44	0.53	0.48	9.42	ppb
Uranium	238-1	1.11	1.12	1.12	1.12	0.42	ppb
Vanadium	51-2	2.20	2.26	2.07	2.18	4.40	ppb
Yttrium	89-1				113		%
Yttrium	89-2				91		%
Zinc	66-2	24.79	23.95	24.99	24.58	2.25	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5419-01	Instrumnet Name :	P8
Client Sample ID :	381003104.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:12:41	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.06	0.07	0.07	13.00	ppb
Zirconium	91-1	0.07	0.06	0.05	0.06	16.15	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5420-01	Instrumnet Name :	P8
Client Sample ID :	381004102.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:16:03	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.32	5.23	9.86	7.81	30.19	ppb
Antimony	121-1	0.38	0.41	0.45	0.41	9.06	ppb
Arsenic	75-1	7.89	7.82	8.76	8.16	6.42	ppb
Barium	135-1	20.52	21.19	22.44	21.38	4.55	ppb
Barium	137-1	21.42	21.37	22.81	21.87	3.73	ppb
Beryllium	9-1	0.10	0.03	0.08	0.07	47.66	ppb
Bismuth	209-1				126		%
Bismuth	209-2				119		%
Boron	10-1	178.35	186.04	196.66	187.02	4.92	ppb
Boron	11-1	178.12	183.93	198.71	186.92	5.68	ppb
Cadmium	111-1	-0.05	-0.08	-0.11	-0.08		ppb
Cadmium	106-1	-0.83	-1.29	-1.94	-1.35		ppb
Cadmium	108-1	0.06	0.06	0.11	0.08	40.74	ppb
Calcium	43-1	75032.71	74494.62	80439.98	76655.77	4.29	ppb
Calcium	44-1	74830.53	74260.62	79587.96	76226.37	3.84	ppb
Chromium	52-2	0.25	0.28	0.11	0.21	42.72	ppb
Cobalt	59-2	-0.02	0.00	0.01	0.00		ppb
Copper	63-2	4.44	4.32	4.65	4.47	3.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				126		%
Holmium	165-2				119		%
Indium	115-1				114		%
Indium	115-2				102		%
Iron	56-2	5.46	5.02	5.43	5.30	4.67	ppb
Iron	57-2	6.90	4.63	5.47	5.66	20.28	ppb
Krypton	83-1	-5759.59	-4351.91	-2861.24	-4324.25		ppb
Lead	206-1	0.09	0.09	0.10	0.09	9.33	ppb
Lead	207-1	0.07	0.09	0.09	0.08	13.72	ppb
Lead	208-1	0.08	0.09	0.10	0.09	9.59	ppb
Lithium	6-1				102		%
Magnesium	24-2	24288.53	23697.67	23729.89	23905.36	1.39	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5420-01	Instrumnet Name :	P8
Client Sample ID :	381004102.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:16:03	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.27	0.06	0.11	0.15	74.25	ppb
Molybdenum	94-1	2.27	2.32	2.55	2.38	6.19	ppb
Molybdenum	95-1	3.07	3.15	3.41	3.21	5.44	ppb
Molybdenum	96-1	2.85	2.89	3.07	2.94	3.96	ppb
Molybdenum	97-1	3.00	3.16	3.44	3.20	7.00	ppb
Molybdenum	98-1	3.00	2.98	3.30	3.09	5.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.13	0.00	0.07	90.35	ppb
Phosphorus	31-2	-7.13	16.86	40.76	16.83	142.26	ppb
Potassium	39-2	1009.94	970.52	971.40	983.95	2.29	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				96		%
Scandium	45-2				87		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.82	0.84	0.81	0.82	2.17	ppb
Selenium	82-1	1.30	1.19	1.15	1.22	6.20	ppb
Silicon	28-1	10162.10	10073.09	10825.03	10353.41	3.97	ppb
Silver	109-1	0.05	0.06	0.07	0.06	19.04	ppb
Silver	107-1	0.06	0.06	0.06	0.06	5.21	ppb
Sodium	23-2	16868.37	16591.47	16504.10	16654.65	1.14	ppb
Strontium	86-1	967.50	957.23	1037.29	987.34	4.41	ppb
Strontium	88-1	968.12	960.56	1043.12	990.60	4.61	ppb
Sulfur	34-1	48610.74	47665.25	53094.59	49790.19	5.83	ppb
Terbium	159-1				124		%
Terbium	159-2				118		%
Thallium	203-1	0.04	0.05	0.04	0.04	13.78	ppb
Thallium	205-1	0.04	0.05	0.05	0.04	7.69	ppb
Tin	118-1	0.06	0.04	0.08	0.06	35.87	ppb
Titanium	47-1	0.59	0.38	0.47	0.48	22.14	ppb
Uranium	238-1	2.74	2.79	3.00	2.84	4.89	ppb
Vanadium	51-2	7.88	7.63	7.66	7.72	1.78	ppb
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	6.26	6.17	5.72	6.05	4.82	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5420-01	Instrumnet Name :	P8
Client Sample ID :	381004102.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:16:03	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.08	0.07	0.08	10.42	ppb
Zirconium	91-1	0.09	0.07	0.08	0.08	10.43	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5426-01	Instrumnet Name :	P8
Client Sample ID :	381004056.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:19:23	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.47	7.30	11.18	10.98	32.69	ppb
Antimony	121-1	0.40	0.39	0.42	0.40	3.54	ppb
Arsenic	75-1	7.87	8.20	8.43	8.17	3.44	ppb
Barium	135-1	804.71	795.85	812.67	804.41	1.05	ppb
Barium	137-1	802.52	785.28	797.75	795.19	1.12	ppb
Beryllium	9-1	0.08	0.04	0.10	0.07	42.60	ppb
Bismuth	209-1				127		%
Bismuth	209-2				114		%
Boron	10-1	63.58	66.70	67.61	65.96	3.21	ppb
Boron	11-1	64.18	66.43	68.92	66.51	3.56	ppb
Cadmium	111-1	-0.03	-0.11	-0.11	-0.08		ppb
Cadmium	106-1	-0.64	-1.57	-1.69	-1.30		ppb
Cadmium	108-1	0.12	0.08	0.12	0.11	23.60	ppb
Calcium	43-1	61225.36	59789.02	59600.14	60204.84	1.48	ppb
Calcium	44-1	59571.23	58957.24	58843.56	59124.01	0.66	ppb
Chromium	52-2	0.37	0.47	0.57	0.47	21.01	ppb
Cobalt	59-2	0.04	0.06	0.03	0.04	42.24	ppb
Copper	63-2	8.56	8.68	8.31	8.51	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				128		%
Holmium	165-2				116		%
Indium	115-1				115		%
Indium	115-2				99		%
Iron	56-2	7.75	7.53	6.82	7.37	6.60	ppb
Iron	57-2	4.34	10.34	5.07	6.59	49.72	ppb
Krypton	83-1	-6111.29	-6261.88	-4906.20	-5759.79		ppb
Lead	206-1	0.47	0.43	0.42	0.44	5.54	ppb
Lead	207-1	0.40	0.43	0.41	0.41	3.96	ppb
Lead	208-1	0.44	0.43	0.42	0.43	1.73	ppb
Lithium	6-1				103		%
Magnesium	24-2	39873.94	40727.48	38998.60	39866.67	2.17	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5426-01	Instrumnet Name :	P8
Client Sample ID :	381004056.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:19:23	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.36	0.40	0.32	0.36	11.86	ppb
Molybdenum	94-1	0.13	0.14	0.17	0.15	13.39	ppb
Molybdenum	95-1	0.09	0.08	0.09	0.08	8.32	ppb
Molybdenum	96-1	0.10	0.09	0.08	0.09	10.98	ppb
Molybdenum	97-1	0.07	0.07	0.09	0.07	16.64	ppb
Molybdenum	98-1	0.10	0.10	0.07	0.09	17.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.18	0.24	0.25	29.84	ppb
Phosphorus	31-2	-7.13	17.97	65.00	25.28	144.85	ppb
Potassium	39-2	1270.11	1282.70	1218.64	1257.15	2.70	ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				86		%
Selenium	77-2	-1.56	-1.56	8.37	1.75	327.47	ppb
Selenium	78-2	0.04	0.86	0.05	0.32	147.98	ppb
Selenium	82-1	0.75	0.54	0.72	0.67	16.49	ppb
Silicon	28-1	11008.11	10904.56	10924.50	10945.72	0.50	ppb
Silver	109-1	0.06	0.07	0.05	0.06	12.90	ppb
Silver	107-1	0.05	0.08	0.06	0.06	18.01	ppb
Sodium	23-2	18950.84	18654.12	17756.70	18453.89	3.37	ppb
Strontium	86-1	914.21	912.03	920.25	915.50	0.47	ppb
Strontium	88-1	914.29	910.15	914.01	912.82	0.25	ppb
Sulfur	34-1	1982.85	1843.49	2045.60	1957.31	5.29	ppb
Terbium	159-1				126		%
Terbium	159-2				115		%
Thallium	203-1	0.03	0.04	0.03	0.03	7.27	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	12.37	ppb
Tin	118-1	0.05	0.03	0.05	0.04	32.59	ppb
Titanium	47-1	0.40	0.40	0.42	0.41	1.85	ppb
Uranium	238-1	2.38	2.44	2.41	2.41	1.09	ppb
Vanadium	51-2	2.94	3.07	2.87	2.96	3.53	ppb
Yttrium	89-1				112		%
Yttrium	89-2				94		%
Zinc	66-2	12.74	12.18	10.99	11.97	7.44	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5426-01	Instrumnet Name :	P8
Client Sample ID :	381004056.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:19:23	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.04	0.06	0.05	13.06	ppb
Zirconium	91-1	0.02	0.05	0.04	0.04	48.60	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5427-01	Instrumnet Name :	P8
Client Sample ID :	391005109.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:22:44	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.26	6.11	9.03	7.80	19.40	ppb
Antimony	121-1	0.41	0.38	0.39	0.40	3.40	ppb
Arsenic	75-1	8.55	8.88	9.45	8.96	5.09	ppb
Barium	135-1	0.76	0.80	0.72	0.76	5.67	ppb
Barium	137-1	0.83	0.76	0.79	0.79	4.47	ppb
Beryllium	9-1	0.09	0.08	0.09	0.09	3.53	ppb
Bismuth	209-1				129		%
Bismuth	209-2				114		%
Boron	10-1	255.72	257.00	253.32	255.35	0.73	ppb
Boron	11-1	254.02	260.78	265.38	260.06	2.20	ppb
Cadmium	111-1	-0.08	-0.08	-0.05	-0.07		ppb
Cadmium	106-1	-1.08	-1.10	-0.72	-0.97		ppb
Cadmium	108-1	0.18	0.10	0.06	0.11	54.90	ppb
Calcium	43-1	261.94	271.88	260.89	264.90	2.29	ppb
Calcium	44-1	294.64	292.20	299.93	295.59	1.34	ppb
Chromium	52-2	0.28	0.16	0.15	0.20	37.89	ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00		ppb
Copper	63-2	5.12	5.36	5.28	5.25	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				129		%
Holmium	165-2				116		%
Indium	115-1				117		%
Indium	115-2				99		%
Iron	56-2	1.59	1.62	1.69	1.63	3.15	ppb
Iron	57-2	-0.60	1.20	0.75	0.45	208.12	ppb
Krypton	83-1	-3090.72	-6647.27	-1984.98	-3907.66		ppb
Lead	206-1	0.10	0.09	0.09	0.09	5.76	ppb
Lead	207-1	0.09	0.07	0.08	0.08	9.59	ppb
Lead	208-1	0.09	0.08	0.09	0.09	5.49	ppb
Lithium	6-1				106		%
Magnesium	24-2	97.27	92.99	84.80	91.69	6.91	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5427-01	Instrumnet Name :	P8
Client Sample ID :	391005109.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:22:44	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.19	0.29	0.24	0.24	19.36	ppb
Molybdenum	94-1	1.20	1.26	1.26	1.24	3.06	ppb
Molybdenum	95-1	1.42	1.56	1.61	1.53	6.41	ppb
Molybdenum	96-1	1.55	1.47	1.59	1.54	3.99	ppb
Molybdenum	97-1	1.59	1.62	1.58	1.60	1.27	ppb
Molybdenum	98-1	1.60	1.60	1.55	1.58	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.26	0.20	0.22	13.74	ppb
Phosphorus	31-2	-7.13	-7.13	16.83	0.86	1613.53	ppb
Potassium	39-2	169.98	171.86	155.81	165.88	5.29	ppb
Rhodium	103-1				112		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				89		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.02	0.05	0.04	0.04	34.53	ppb
Selenium	82-1	0.11	0.79	0.22	0.37	97.22	ppb
Silicon	28-1	9736.83	9690.22	9758.27	9728.44	0.36	ppb
Silver	109-1	0.04	0.05	0.04	0.04	16.03	ppb
Silver	107-1	0.05	0.04	0.05	0.05	9.26	ppb
Sodium	23-2	157583.88	162064.38	159913.87	159854.04	1.40	ppb
Strontium	86-1	6.30	6.39	6.24	6.31	1.20	ppb
Strontium	88-1	6.39	6.35	6.36	6.37	0.32	ppb
Sulfur	34-1	34122.25	34909.34	34430.88	34487.49	1.15	ppb
Terbium	159-1				126		%
Terbium	159-2				116		%
Thallium	203-1	0.02	0.02	0.02	0.02	12.96	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	12.77	ppb
Tin	118-1	0.10	0.08	0.10	0.09	14.85	ppb
Titanium	47-1	0.43	0.54	0.43	0.47	12.89	ppb
Uranium	238-1	0.23	0.23	0.22	0.23	1.94	ppb
Vanadium	51-2	0.05	0.04	0.14	0.08	71.23	ppb
Yttrium	89-1				113		%
Yttrium	89-2				95		%
Zinc	66-2	8.02	7.85	8.52	8.13	4.29	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5427-01	Instrumnet Name :	P8
Client Sample ID :	391005109.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:22:44	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.08	0.07	7.81	ppb
Zirconium	91-1	0.08	0.05	0.06	0.06	23.29	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:26:05	DataFile Name :	085CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50574.26	50310.07	51032.48	50638.94	0.72	ppb
Antimony	121-1	474.27	473.00	479.76	475.67	0.76	ppb
Arsenic	75-1	496.11	497.58	505.34	499.67	0.99	ppb
Barium	135-1	2466.16	2467.39	2506.69	2480.08	0.93	ppb
Barium	137-1	2461.89	2451.18	2476.29	2463.12	0.51	ppb
Beryllium	9-1	487.91	496.41	488.52	490.95	0.97	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Boron	10-1	509.79	522.73	519.86	517.46	1.31	ppb
Boron	11-1	500.09	529.07	526.52	518.56	3.10	ppb
Cadmium	111-1	460.49	459.79	467.42	462.57	0.91	ppb
Cadmium	106-1	467.32	472.88	479.50	473.23	1.29	ppb
Cadmium	108-1	471.34	471.75	476.26	473.12	0.58	ppb
Calcium	43-1	237392.13	239061.75	241385.69	239279.86	0.84	ppb
Calcium	44-1	237919.56	239098.14	242182.61	239733.43	0.92	ppb
Chromium	52-2	550.68	549.64	555.67	552.00	0.58	ppb
Cobalt	59-2	519.75	514.45	520.31	518.17	0.62	ppb
Copper	63-2	1023.70	1007.62	1017.76	1016.36	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				115		%
Holmium	165-2				110		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	128829.37	127506.68	128271.22	128202.42	0.52	ppb
Iron	57-2	129839.79	129286.20	128251.00	129125.66	0.62	ppb
Krypton	83-1	-5145.04	-1877.28	-1690.89	-2904.40		ppb
Lead	206-1	511.52	509.98	508.60	510.04	0.29	ppb
Lead	207-1	516.41	509.51	508.78	511.57	0.82	ppb
Lead	208-1	511.60	507.92	503.91	507.81	0.76	ppb
Lithium	6-1				93		%
Magnesium	24-2	251396.25	248669.50	251742.32	250602.69	0.67	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:26:05	DataFile Name :	085CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1035.08	1028.67	1037.17	1033.64	0.43	ppb
Molybdenum	94-1	2554.32	2522.34	2498.22	2524.96	1.11	ppb
Molybdenum	95-1	2543.81	2534.15	2507.19	2528.38	0.75	ppb
Molybdenum	96-1	2567.62	2540.72	2500.64	2536.33	1.33	ppb
Molybdenum	97-1	2555.87	2525.42	2485.36	2522.22	1.40	ppb
Molybdenum	98-1	2570.24	2534.49	2508.61	2537.78	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	544.03	532.54	539.61	538.73	1.08	ppb
Phosphorus	31-2	11050.46	10704.71	11190.09	10981.75	2.28	ppb
Potassium	39-2	123113.34	123280.22	123979.83	123457.80	0.37	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	494.37	470.88	487.78	484.34	2.50	ppb
Selenium	78-2	541.92	493.11	499.82	511.61	5.17	ppb
Selenium	82-1	487.14	482.71	485.90	485.25	0.47	ppb
Silicon	28-1	508.53	512.75	524.86	515.38	1.64	ppb
Silver	109-1	473.48	476.88	479.54	476.63	0.64	ppb
Silver	107-1	473.60	470.86	475.55	473.34	0.50	ppb
Sodium	23-2	250893.47	247865.74	250418.56	249725.93	0.65	ppb
Strontium	86-1	494.90	490.50	486.89	490.76	0.82	ppb
Strontium	88-1	505.54	504.45	496.23	502.08	1.01	ppb
Sulfur	34-1	8678.80	8737.62	8963.84	8793.42	1.71	ppb
Terbium	159-1				114		%
Terbium	159-2				108		%
Thallium	203-1	508.00	509.35	513.95	510.43	0.61	ppb
Thallium	205-1	503.63	507.16	503.69	504.83	0.40	ppb
Tin	118-1	490.56	487.51	493.98	490.68	0.66	ppb
Titanium	47-1	2511.64	2524.52	2552.84	2529.67	0.83	ppb
Uranium	238-1	521.85	521.70	521.04	521.53	0.08	ppb
Vanadium	51-2	525.41	523.69	527.74	525.61	0.39	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%
Zinc	66-2	1048.72	1018.44	1036.88	1034.68	1.47	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:26:05	DataFile Name :	085CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.35	508.15	499.28	505.26	1.02	ppb
Zirconium	91-1	511.23	506.85	500.44	506.17	1.07	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:29:17	DataFile Name :	086CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.48	1.85	3.16	2.50	26.21	ppb
Antimony	121-1	1.19	1.15	1.05	1.13	6.57	ppb
Arsenic	75-1	0.35	0.34	0.31	0.33	7.10	ppb
Barium	135-1	0.18	0.19	0.09	0.15	36.62	ppb
Barium	137-1	0.18	0.12	0.11	0.14	28.04	ppb
Beryllium	9-1	0.29	0.27	0.32	0.29	6.97	ppb
Bismuth	209-1				120		%
Bismuth	209-2				111		%
Boron	10-1	22.64	18.69	17.13	19.49	14.57	ppb
Boron	11-1	21.44	20.04	17.72	19.73	9.50	ppb
Cadmium	111-1	-0.01	0.02	-0.01	0.00	424.05	ppb
Cadmium	106-1	-0.88	-0.50	-0.81	-0.73		ppb
Cadmium	108-1	0.20	0.07	0.14	0.13	50.00	ppb
Calcium	43-1	17.04	6.35	9.19	10.86	51.01	ppb
Calcium	44-1	22.26	16.85	13.48	17.53	25.25	ppb
Chromium	52-2	-0.02	0.09	0.02	0.03	175.59	ppb
Cobalt	59-2	0.02	0.02	0.00	0.01	115.61	ppb
Copper	63-2	0.24	0.19	0.15	0.19	24.10	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				118		%
Holmium	165-2				111		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	56-2	6.03	6.02	5.25	5.77	7.69	ppb
Iron	57-2	3.43	3.78	2.53	3.25	19.92	ppb
Krypton	83-1	-516.00	-4397.34	804.70	-1369.54		ppb
Lead	206-1	0.07	0.06	0.04	0.06	31.56	ppb
Lead	207-1	0.05	0.04	0.03	0.04	20.92	ppb
Lead	208-1	0.06	0.05	0.04	0.05	20.40	ppb
Lithium	6-1				99		%
Magnesium	24-2	14.79	11.22	12.66	12.89	13.92	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:29:17	DataFile Name :	086CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.14	-0.02	0.07	113.17	ppb
Molybdenum	94-1	1.02	0.94	0.80	0.92	11.77	ppb
Molybdenum	95-1	1.13	0.95	0.81	0.96	16.84	ppb
Molybdenum	96-1	1.23	0.92	0.79	0.98	23.03	ppb
Molybdenum	97-1	1.08	0.98	0.84	0.97	12.71	ppb
Molybdenum	98-1	1.11	0.94	0.84	0.96	14.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.05	0.01	-0.04		ppb
Phosphorus	31-2	15.53	16.92	-7.13	8.44	159.96	ppb
Potassium	39-2	-22.56	9.54	6.26	-2.25		ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	77-2	-1.56	-1.56	-1.56	-1.56		ppb
Selenium	78-2	0.03	0.02	-0.77	-0.24		ppb
Selenium	82-1	-0.07	0.39	-0.38	-0.02		ppb
Silicon	28-1	-6.96	-7.10	-8.04	-7.36		ppb
Silver	109-1	0.08	0.07	0.06	0.07	17.08	ppb
Silver	107-1	0.08	0.08	0.06	0.07	11.25	ppb
Sodium	23-2	21.16	29.48	22.69	24.44	18.11	ppb
Strontium	86-1	0.00	0.06	-0.01	0.02	213.65	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	9.48	ppb
Sulfur	34-1	-1455.99	-1195.58	-1407.45	-1353.01		ppb
Terbium	159-1				117		%
Terbium	159-2				110		%
Thallium	203-1	0.16	0.13	0.11	0.13	19.18	ppb
Thallium	205-1	0.15	0.13	0.13	0.14	11.02	ppb
Tin	118-1	0.28	0.29	0.28	0.28	0.48	ppb
Titanium	47-1	0.38	0.24	0.28	0.30	24.80	ppb
Uranium	238-1	0.04	0.02	0.02	0.03	34.96	ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	25.39	ppb
Yttrium	89-1				107		%
Yttrium	89-2				95		%
Zinc	66-2	0.28	0.42	0.09	0.26	62.70	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:29:17	DataFile Name :	086CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.18	0.14	0.15	0.15	13.88	ppb
Zirconium	91-1	0.15	0.12	0.15	0.14	11.68	ppb

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:10:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5	10	8	8	33.33	cps
Antimony	121-1	117	175	208	167	27.84	cps
Arsenic	75-1	175	75	117	122	41.10	cps
Barium	135-1	25	17	25	22	21.64	cps
Barium	137-1	33	33	50	39	24.75	cps
Beryllium	9-1	67	61	61	63	5.10	cps
Bismuth	209-1	5691214	5865182	5849500	5801965	1.66	cps
Bismuth	209-2	1430166	1410203	1399605	1413325	1.10	cps
Boron	10-1	92	83	92	89	5.41	cps
Boron	11-1	400	383	450	411	8.44	cps
Cadmium	111-1	918	841	936	898	5.61	cps
Cadmium	106-1	1300	1192	1317	1270	5.35	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	358	275	392	342	17.59	cps
Calcium	44-1	8370	8511	7944	8275	3.57	cps
Chromium	52-2	377	380	400	386	3.27	cps
Cobalt	59-2	40	43	50	44	11.46	cps
Copper	63-2	197	223	170	197	13.56	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	67	42	42	50	28.87	cps
Gadolinium	160-2	7	0	13	7	99.98	cps
Holmium	165-1	8014401	8164778	8202039	8127073	1.22	cps
Holmium	165-2	1698581	1657810	1649125	1668506	1.58	cps
Indium	115-1	5968322	6061367	6045938	6025209	0.83	cps
Indium	115-2	254678	248887	249205	250923	1.30	cps
Iron	56-2	850	800	767	806	5.21	cps
Iron	57-2	44	11	44	33	57.74	cps
Krypton	83-1	353	297	380	343	12.40	cps
Lead	206-1	161	239	183	194	20.60	cps
Lead	207-1	178	211	139	176	20.55	cps
Lead	208-1	728	828	733	763	7.37	cps
Lithium	6-1	1167994	1174155	1170629	1170926	0.26	cps
Magnesium	24-2	133	192	158	161	18.17	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:10:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	40	20	27	43.30	cps
Molybdenum	94-1	208	267	292	256	16.73	cps
Molybdenum	95-1	192	108	192	164	29.36	cps
Molybdenum	96-1	242	167	183	197	19.97	cps
Molybdenum	97-1	125	50	167	114	51.91	cps
Molybdenum	98-1	258	267	217	247	10.84	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	167	130	150	149	12.33	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1834	1917	1967	1906	3.54	cps
Rhodium	103-1	5576741	5673354	5671340	5640478	0.98	cps
Rhodium	103-2	1477519	1471211	1461559	1470096	0.55	cps
Scandium	45-1	3228047	3333093	3369515	3310218	2.22	cps
Scandium	45-2	25016	24341	23987	24448	2.14	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-29	48	-48	-10	-527.88	cps
Silicon	28-1	174359	175592	175954	175302	0.48	cps
Silver	109-1	25	42	17	28	45.82	cps
Silver	107-1	8	58	25	31	83.33	cps
Sodium	23-2	5285	5326	5143	5251	1.83	cps
Strontium	86-1	542	458	508	503	8.34	cps
Strontium	88-1	133	125	142	133	6.25	cps
Sulfur	34-1	325652	322196	320826	322891	0.77	cps
Terbium	159-1	8246678	8382918	8359471	8329689	0.87	cps
Terbium	159-2	1630262	1592685	1601273	1608073	1.22	cps
Thallium	203-1	75	75	92	81	11.95	cps
Thallium	205-1	142	167	208	172	19.56	cps
Tin	118-1	883	1025	992	967	7.66	cps
Titanium	47-1	50	42	58	50	16.67	cps
Uranium	238-1	108	200	133	147	32.19	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Yttrium	89-1	6003375	6132732	6106362	6080823	1.12	cps
Yttrium	89-2	183975	180627	180805	181802	1.04	cps
Zinc	66-2	83	97	103	94	10.78	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:10:39	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	550	458	575	528	11.64	cps
Zirconium	91-1	150	133	108	131	16.06	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:17:25	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	148	133	138	6.30	cps
Antimony	121-1	21568	21076	21727	21457	1.58	cps
Arsenic	75-1	2550	2892	2675	2706	6.39	cps
Barium	135-1	22971	22261	22261	22498	1.82	cps
Barium	137-1	39886	40020	39827	39911	0.25	cps
Beryllium	9-1	1550	1495	1467	1504	2.82	cps
Bismuth	209-1	5716480	5535483	5587177	5613047	1.66	cps
Bismuth	209-2	1429580	1415939	1430468	1425329	0.57	cps
Boron	10-1	4251	3959	3826	4012	5.42	cps
Boron	11-1	19831	20215	19881	19976	1.04	cps
Cadmium	111-1	3357	3345	3255	3319	1.69	cps
Cadmium	106-1	1483	1559	1400	1481	5.35	cps
Cadmium	108-1	200	150	192	181	14.84	cps
Calcium	43-1	11664	11305	11180	11383	2.21	cps
Calcium	44-1	183425	185813	184242	184493	0.66	cps
Chromium	52-2	2347	2457	2337	2380	2.80	cps
Cobalt	59-2	1980	2087	2170	2079	4.58	cps
Copper	63-2	3824	3661	3497	3661	4.46	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	83	47	66.82	cps
Erbium	164-2	17	13	3	11	62.48	cps
Gadolinium	160-1	25	42	67	44	47.19	cps
Gadolinium	160-2	7	10	7	8	24.71	cps
Holmium	165-1	8040303	7992099	8045742	8026048	0.37	cps
Holmium	165-2	1681373	1686186	1682192	1683250	0.15	cps
Indium	115-1	6040572	5986769	5978624	6001988	0.56	cps
Indium	115-2	254301	253015	253355	253557	0.26	cps
Iron	56-2	32087	31770	31653	31837	0.71	cps
Iron	57-2	606	806	767	726	14.61	cps
Krypton	83-1	397	403	380	393	3.06	cps
Lead	206-1	8442	8497	8108	8349	2.52	cps
Lead	207-1	7336	7591	7508	7478	1.74	cps
Lead	208-1	34025	34119	33579	33908	0.85	cps
Lithium	6-1	1131212	1134345	1144107	1136554	0.59	cps
Magnesium	24-2	16519	15709	14675	15634	5.91	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:17:25	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	300	340	213	284	22.76	cps
Molybdenum	94-1	17771	18688	18430	18296	2.59	cps
Molybdenum	95-1	21301	22186	21960	21816	2.11	cps
Molybdenum	96-1	24723	24915	24548	24729	0.74	cps
Molybdenum	97-1	13716	13741	13833	13763	0.45	cps
Molybdenum	98-1	36952	36300	35965	36406	1.38	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	713	813	743	757	6.78	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	9529	10212	10037	9926	3.58	cps
Rhodium	103-1	5662027	5654367	5589076	5635156	0.71	cps
Rhodium	103-2	1497594	1502879	1495509	1498660	0.25	cps
Scandium	45-1	3289545	3265453	3247174	3267390	0.65	cps
Scandium	45-2	24144	24625	23864	24211	1.59	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	9	6	9	8	26.61	cps
Selenium	82-1	654	700	688	681	3.53	cps
Silicon	28-1	243541	243292	242108	242980	0.32	cps
Silver	109-1	11188	11998	11522	11569	3.51	cps
Silver	107-1	11706	12006	11247	11653	3.28	cps
Sodium	23-2	40559	40116	39832	40169	0.91	cps
Strontium	86-1	3276	3634	3551	3487	5.38	cps
Strontium	88-1	24715	24531	24431	24559	0.59	cps
Sulfur	34-1	324345	326088	325268	325234	0.27	cps
Terbium	159-1	8289306	8198596	8252509	8246804	0.55	cps
Terbium	159-2	1612985	1627716	1613511	1618071	0.52	cps
Thallium	203-1	9562	9996	9904	9821	2.33	cps
Thallium	205-1	23707	22989	23373	23356	1.54	cps
Tin	118-1	37111	38824	37662	37866	2.31	cps
Titanium	47-1	5343	5551	5568	5487	2.29	cps
Uranium	238-1	33596	32844	33404	33281	1.17	cps
Vanadium	51-2	3204	3227	3144	3192	1.35	cps
Yttrium	89-1	6049744	5955580	6030492	6011939	0.83	cps
Yttrium	89-2	183593	184816	181593	183334	0.89	cps
Zinc	66-2	413	447	417	426	4.31	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:17:25	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13758	14625	14183	14189	3.06	cps
Zirconium	91-1	3075	2934	2900	2970	3.13	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:21:42	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6478	6733	6531	6581	2.05	cps
Antimony	121-1	505184	511974	510329	509162	0.70	cps
Arsenic	75-1	122407	121971	121322	121900	0.45	cps
Barium	135-1	547358	549201	552817	549792	0.51	cps
Barium	137-1	972877	978078	980942	977299	0.42	cps
Beryllium	9-1	67899	68295	67368	67854	0.69	cps
Bismuth	209-1	5779763	5742178	5706388	5742776	0.64	cps
Bismuth	209-2	1416253	1428902	1449121	1431426	1.16	cps
Boron	10-1	7527	7169	7861	7519	4.60	cps
Boron	11-1	36606	38829	38612	38015	3.22	cps
Cadmium	111-1	119328	119567	118909	119268	0.28	cps
Cadmium	106-1	13724	13541	13566	13610	0.73	cps
Cadmium	108-1	8549	8161	8190	8300	2.60	cps
Calcium	43-1	105704	105512	107770	106329	1.18	cps
Calcium	44-1	1771105	1765055	1746941	1761034	0.71	cps
Chromium	52-2	41080	41993	42846	41973	2.10	cps
Cobalt	59-2	94474	93588	94135	94066	0.48	cps
Copper	63-2	163697	164547	163698	163981	0.30	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	58	25	25	36	53.30	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	33	25	42	33	25.01	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	8310285	8260007	8257615	8275969	0.36	cps
Holmium	165-2	1673771	1690297	1715794	1693287	1.25	cps
Indium	115-1	6079716	6061018	6062018	6067584	0.17	cps
Indium	115-2	250246	252815	254561	252541	0.86	cps
Iron	56-2	1469063	1481151	1470704	1473639	0.44	cps
Iron	57-2	36582	36604	36816	36667	0.35	cps
Krypton	83-1	333	330	327	330	1.01	cps
Lead	206-1	375416	379736	381717	378956	0.85	cps
Lead	207-1	345565	344447	346337	345450	0.28	cps
Lead	208-1	1560243	1562801	1562027	1561690	0.08	cps
Lithium	6-1	1157560	1163804	1143037	1154800	0.92	cps
Magnesium	24-2	151481	150471	151012	150988	0.33	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:21:42	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24769	24221	23794	24261	2.01	cps
Molybdenum	94-1	865092	861812	859051	861985	0.35	cps
Molybdenum	95-1	1070663	1063854	1058145	1064221	0.59	cps
Molybdenum	96-1	1177389	1186283	1179181	1180951	0.40	cps
Molybdenum	97-1	674185	664839	665858	668294	0.77	cps
Molybdenum	98-1	1758403	1721513	1712060	1730659	1.41	cps
Neodymium	150-1	47	40	7	31	68.88	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	28255	27805	28199	28086	0.87	cps
Phosphorus	31-2	400	342	358	367	8.19	cps
Potassium	39-2	39732	39949	39506	39729	0.56	cps
Rhodium	103-1	5759191	5636724	5686126	5694013	1.08	cps
Rhodium	103-2	1469748	1484676	1498155	1484193	0.96	cps
Scandium	45-1	3356688	3284192	3318002	3319627	1.09	cps
Scandium	45-2	23516	23911	24572	24000	2.22	cps
Selenium	77-2	27	30	43	33	26.45	cps
Selenium	78-2	120	119	117	119	1.56	cps
Selenium	82-1	6749	6848	6849	6816	0.85	cps
Silicon	28-1	387694	392649	391618	390654	0.67	cps
Silver	109-1	537737	534554	534168	535486	0.37	cps
Silver	107-1	565245	558531	559610	561129	0.64	cps
Sodium	23-2	333577	336272	334506	334785	0.41	cps
Strontium	86-1	132983	134145	135289	134139	0.86	cps
Strontium	88-1	1158893	1166227	1145978	1157033	0.89	cps
Sulfur	34-1	354139	356208	353822	354723	0.37	cps
Terbium	159-1	8492813	8432451	8446083	8457116	0.37	cps
Terbium	159-2	1613478	1625945	1650011	1629811	1.14	cps
Thallium	203-1	462550	470177	468124	466950	0.85	cps
Thallium	205-1	1110926	1116100	1130145	1119057	0.89	cps
Tin	118-1	363500	356958	360301	360253	0.91	cps
Titanium	47-1	255236	256015	258486	256579	0.66	cps
Uranium	238-1	1547337	1577922	1553072	1559444	1.04	cps
Vanadium	51-2	30573	31121	30878	30857	0.89	cps
Yttrium	89-1	6185756	6138645	6050505	6124968	1.12	cps
Yttrium	89-2	181353	183356	184349	183020	0.83	cps
Zinc	66-2	15178	15435	15639	15418	1.50	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:21:42	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	705915	709130	705558	706868	0.28	cps
Zirconium	91-1	155344	156693	158436	156824	0.99	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:25:27	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16526	16499	16309	16445	0.72	cps
Antimony	121-1	1327989	1315112	1315530	1319544	0.55	cps
Arsenic	75-1	313812	309373	309356	310847	0.83	cps
Barium	135-1	1427240	1404490	1407009	1412913	0.88	cps
Barium	137-1	2559235	2524718	2497443	2527132	1.23	cps
Beryllium	9-1	173201	169953	170694	171283	0.99	cps
Bismuth	209-1	5843598	5904890	5910758	5886415	0.63	cps
Bismuth	209-2	1406368	1449438	1444872	1433559	1.65	cps
Boron	10-1	18304	19005	19147	18819	2.40	cps
Boron	11-1	93731	93655	96918	94768	1.97	cps
Cadmium	111-1	301692	299941	301910	301181	0.36	cps
Cadmium	106-1	32874	32607	33635	33039	1.61	cps
Cadmium	108-1	21505	21054	21851	21470	1.86	cps
Calcium	43-1	271954	266730	268114	268932	1.01	cps
Calcium	44-1	4398703	4391269	4353780	4381251	0.55	cps
Chromium	52-2	105165	104885	105568	105206	0.33	cps
Cobalt	59-2	237179	235382	236508	236357	0.38	cps
Copper	63-2	413319	411777	410310	411802	0.37	cps
Dysprosium	156-1	33	42	25	33	25.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	67	83	17	56	62.45	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	8514960	8404583	8509400	8476314	0.73	cps
Holmium	165-2	1693511	1704901	1717618	1705343	0.71	cps
Indium	115-1	6185225	6162336	6194144	6180568	0.27	cps
Indium	115-2	245645	251821	253704	250390	1.68	cps
Iron	56-2	3719132	3650296	3676865	3682098	0.94	cps
Iron	57-2	92578	92455	92198	92410	0.21	cps
Krypton	83-1	350	293	327	323	8.81	cps
Lead	206-1	986594	975796	975062	979151	0.66	cps
Lead	207-1	889956	887981	884073	887337	0.34	cps
Lead	208-1	4074562	4033188	4036524	4048091	0.57	cps
Lithium	6-1	1174797	1175165	1185142	1178368	0.50	cps
Magnesium	24-2	384935	379173	381102	381737	0.77	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:25:27	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	62392	61957	62295	62214	0.37	cps
Molybdenum	94-1	2236246	2230749	2259829	2242275	0.69	cps
Molybdenum	95-1	2767517	2774383	2751507	2764469	0.42	cps
Molybdenum	96-1	3096310	3081570	3044247	3074042	0.87	cps
Molybdenum	97-1	1736102	1733363	1724606	1731357	0.35	cps
Molybdenum	98-1	4419661	4363633	4447565	4410286	0.97	cps
Neodymium	150-1	33	107	73	71	51.64	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	70430	68930	70946	70102	1.49	cps
Phosphorus	31-2	1092	967	1125	1061	7.87	cps
Potassium	39-2	96313	95591	96950	96284	0.71	cps
Rhodium	103-1	5712114	5680864	5768802	5720593	0.78	cps
Rhodium	103-2	1463398	1496045	1477437	1478960	1.11	cps
Scandium	45-1	3328384	3353403	3334732	3338840	0.39	cps
Scandium	45-2	23647	24348	24488	24161	1.87	cps
Selenium	77-2	57	97	83	79	25.82	cps
Selenium	78-2	367	343	294	335	10.99	cps
Selenium	82-1	17183	17192	17340	17238	0.51	cps
Silicon	28-1	733054	728383	729833	730423	0.33	cps
Silver	109-1	1373008	1350431	1361456	1361632	0.83	cps
Silver	107-1	1421926	1425942	1432064	1426644	0.36	cps
Sodium	23-2	839519	836960	837659	838046	0.16	cps
Strontium	86-1	336369	338286	334662	336439	0.54	cps
Strontium	88-1	2948319	2983634	2938250	2956734	0.81	cps
Sulfur	34-1	407479	403916	400094	403830	0.91	cps
Terbium	159-1	8667924	8650453	8607595	8641991	0.36	cps
Terbium	159-2	1637350	1683459	1665684	1662165	1.40	cps
Thallium	203-1	1218735	1197267	1202091	1206031	0.93	cps
Thallium	205-1	2994635	2964605	2941643	2966961	0.90	cps
Tin	118-1	927050	922294	921983	923776	0.31	cps
Titanium	47-1	659386	649296	650444	653042	0.85	cps
Uranium	238-1	4096613	4068466	4178471	4114517	1.39	cps
Vanadium	51-2	77979	77000	76585	77188	0.93	cps
Yttrium	89-1	6210369	6168063	6289843	6222759	0.99	cps
Yttrium	89-2	180462	184457	182252	182390	1.10	cps
Zinc	66-2	38794	39202	38841	38946	0.57	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:25:27	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1878589	1853144	1856538	1862757	0.74	cps
Zirconium	91-1	409640	403780	405285	406235	0.75	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:29:04	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32137	32826	32433	32465	1.07	cps
Antimony	121-1	2694831	2685750	2690714	2690432	0.17	cps
Arsenic	75-1	611322	608406	610183	609970	0.24	cps
Barium	135-1	2887906	2869740	2854221	2870622	0.59	cps
Barium	137-1	4957715	5033498	5010974	5000729	0.78	cps
Beryllium	9-1	336714	335915	334760	335796	0.29	cps
Bismuth	209-1	5882875	5907824	5492408	5761036	4.04	cps
Bismuth	209-2	1414540	1448971	1448594	1437369	1.38	cps
Boron	10-1	36180	37116	38962	37419	3.78	cps
Boron	11-1	182041	184590	185467	184033	0.97	cps
Cadmium	111-1	590978	590011	599755	593582	0.90	cps
Cadmium	106-1	63316	63207	64053	63526	0.72	cps
Cadmium	108-1	42150	42254	42935	42446	1.01	cps
Calcium	43-1	528835	532140	533086	531353	0.42	cps
Calcium	44-1	8573980	8521614	8642524	8579373	0.71	cps
Chromium	52-2	202982	203536	204142	203553	0.28	cps
Cobalt	59-2	456425	455108	454572	455368	0.21	cps
Copper	63-2	797516	796263	795405	796395	0.13	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	25	58	42	42	40.00	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	108	58	33	67	57.29	cps
Gadolinium	160-2	3	20	10	11	75.52	cps
Holmium	165-1	8520913	8465249	7988440	8324867	3.52	cps
Holmium	165-2	1711596	1745286	1734435	1730439	0.99	cps
Indium	115-1	6010126	6076341	5657276	5914581	3.81	cps
Indium	115-2	246999	249331	250574	248968	0.73	cps
Iron	56-2	7121806	7104037	7121376	7115740	0.14	cps
Iron	57-2	179191	179581	180667	179813	0.43	cps
Krypton	83-1	337	407	357	367	9.83	cps
Lead	206-1	1988169	1964982	1992968	1982040	0.76	cps
Lead	207-1	1838210	1802520	1858039	1832923	1.53	cps
Lead	208-1	8214184	8137443	8246304	8199310	0.68	cps
Lithium	6-1	1163279	1137738	1099121	1133379	2.85	cps
Magnesium	24-2	741186	738264	733971	737807	0.49	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:29:04	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120676	119620	120591	120295	0.49	cps
Molybdenum	94-1	4385868	4409715	4393556	4396380	0.28	cps
Molybdenum	95-1	5392915	5423949	5446953	5421272	0.50	cps
Molybdenum	96-1	5935352	6037404	5953061	5975272	0.91	cps
Molybdenum	97-1	3408392	3427394	3404993	3413593	0.35	cps
Molybdenum	98-1	8692995	8674144	8686708	8684616	0.11	cps
Neodymium	150-1	173	173	160	169	4.56	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	134990	134240	134502	134577	0.28	cps
Phosphorus	31-2	2017	1925	1867	1936	3.91	cps
Potassium	39-2	184519	184638	185001	184719	0.14	cps
Rhodium	103-1	5640366	5637242	5259098	5512236	3.98	cps
Rhodium	103-2	1454737	1466170	1470055	1463654	0.54	cps
Scandium	45-1	3279035	3264134	3099049	3214073	3.11	cps
Scandium	45-2	23253	23961	23764	23659	1.54	cps
Selenium	77-2	170	207	180	186	10.22	cps
Selenium	78-2	632	632	619	627	1.19	cps
Selenium	82-1	34299	33775	33789	33955	0.88	cps
Silicon	28-1	1257200	1262506	1235164	1251623	1.16	cps
Silver	109-1	2764318	2792651	2803666	2786879	0.73	cps
Silver	107-1	2883561	2882999	2865136	2877232	0.36	cps
Sodium	23-2	1652681	1629445	1642796	1641641	0.71	cps
Strontium	86-1	666310	662557	665710	664859	0.30	cps
Strontium	88-1	5736631	5775673	5762970	5758425	0.35	cps
Sulfur	34-1	470178	467795	465093	467688	0.54	cps
Terbium	159-1	8574206	8634945	8128485	8445878	3.27	cps
Terbium	159-2	1662807	1688856	1672637	1674766	0.79	cps
Thallium	203-1	2504381	2436312	2498506	2479733	1.52	cps
Thallium	205-1	5873977	5818328	5868721	5853675	0.52	cps
Tin	118-1	1847443	1837454	1860814	1848570	0.63	cps
Titanium	47-1	1285644	1298493	1300175	1294771	0.61	cps
Uranium	238-1	8164509	8103909	8188451	8152290	0.53	cps
Vanadium	51-2	150579	150933	149979	150497	0.32	cps
Yttrium	89-1	6110006	6132094	5739422	5993841	3.68	cps
Yttrium	89-2	180201	181067	180408	180559	0.25	cps
Zinc	66-2	75165	74047	74090	74434	0.85	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:29:04	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3685893	3685970	3669455	3680439	0.26	cps
Zirconium	91-1	809783	812768	804887	809146	0.49	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:32:35	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60088	59870	59433	59797	0.56	cps
Antimony	121-1	5128512	5229290	5202484	5186762	1.01	cps
Arsenic	75-1	1169025	1173498	1165854	1169459	0.33	cps
Barium	135-1	5542599	5551998	5520124	5538240	0.30	cps
Barium	137-1	9706930	9698892	9642990	9682937	0.36	cps
Beryllium	9-1	641768	640151	635907	639275	0.47	cps
Bismuth	209-1	5883623	5876775	5851458	5870619	0.29	cps
Bismuth	209-2	1406977	1388353	1389421	1394917	0.75	cps
Boron	10-1	73070	73346	74226	73547	0.82	cps
Boron	11-1	350937	358422	360529	356629	1.41	cps
Cadmium	111-1	1136588	1140904	1144076	1140523	0.33	cps
Cadmium	106-1	119972	123125	120057	121051	1.48	cps
Cadmium	108-1	82635	82279	82325	82413	0.23	cps
Calcium	43-1	1025232	1012250	1014317	1017266	0.69	cps
Calcium	44-1	16598769	16375342	16405157	16459756	0.74	cps
Chromium	52-2	379017	377164	380051	378744	0.39	cps
Cobalt	59-2	854872	848149	846804	849942	0.51	cps
Copper	63-2	1489709	1485634	1478671	1484671	0.38	cps
Dysprosium	156-1	67	100	58	75	29.40	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	75	75	50	67	21.65	cps
Gadolinium	160-2	17	7	30	18	65.83	cps
Holmium	165-1	8503458	8516096	8555702	8525085	0.32	cps
Holmium	165-2	1701896	1673973	1667492	1681121	1.09	cps
Indium	115-1	5979438	5952031	5928245	5953238	0.43	cps
Indium	115-2	236092	234921	233881	234965	0.47	cps
Iron	56-2	13228594	13197150	13156212	13193985	0.28	cps
Iron	57-2	338477	335569	332509	335518	0.89	cps
Krypton	83-1	387	420	333	380	11.50	cps
Lead	206-1	3863673	3894010	3879533	3879072	0.39	cps
Lead	207-1	3609364	3560340	3572529	3580744	0.71	cps
Lead	208-1	15936993	15901777	15935230	15924667	0.12	cps
Lithium	6-1	1139883	1140111	1120333	1133442	1.00	cps
Magnesium	24-2	1403995	1406208	1411885	1407363	0.29	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:32:35	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	224973	223839	222657	223823	0.52	cps
Molybdenum	94-1	8442212	8418717	8422629	8427853	0.15	cps
Molybdenum	95-1	10363968	10358434	10321895	10348099	0.22	cps
Molybdenum	96-1	11558505	11511564	11535893	11535321	0.20	cps
Molybdenum	97-1	6598470	6501796	6488408	6529558	0.92	cps
Molybdenum	98-1	17002464	16904471	16839033	16915323	0.49	cps
Neodymium	150-1	300	427	300	342	21.37	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	251860	249411	247778	249683	0.82	cps
Phosphorus	31-2	3809	3784	3451	3681	5.44	cps
Potassium	39-2	337349	339422	338545	338439	0.31	cps
Rhodium	103-1	5504614	5489295	5487749	5493886	0.17	cps
Rhodium	103-2	1406192	1394564	1392628	1397795	0.52	cps
Scandium	45-1	3258790	3201586	3167767	3209381	1.43	cps
Scandium	45-2	22969	22839	22308	22705	1.54	cps
Selenium	77-2	327	287	283	299	8.07	cps
Selenium	78-2	1154	1156	1111	1140	2.21	cps
Selenium	82-1	65249	65522	65360	65377	0.21	cps
Silicon	28-1	2160497	2155880	2143720	2153366	0.40	cps
Silver	109-1	5295094	5279990	5272114	5282399	0.22	cps
Silver	107-1	5474093	5461469	5468777	5468113	0.12	cps
Sodium	23-2	3058049	3027287	3039384	3041573	0.51	cps
Strontium	86-1	1285108	1278789	1279781	1281226	0.27	cps
Strontium	88-1	11126191	11139125	11005639	11090318	0.66	cps
Sulfur	34-1	599199	591341	588063	592868	0.97	cps
Terbium	159-1	8680079	8684242	8690637	8684986	0.06	cps
Terbium	159-2	1627159	1621089	1601736	1616662	0.82	cps
Thallium	203-1	4795637	4797298	4836737	4809891	0.48	cps
Thallium	205-1	11368425	11357013	11344377	11356605	0.11	cps
Tin	118-1	3574876	3586626	3551333	3570945	0.50	cps
Titanium	47-1	2491315	2493222	2485829	2490122	0.15	cps
Uranium	238-1	16205526	16256575	16419017	16293706	0.68	cps
Vanadium	51-2	280930	276936	280042	279303	0.75	cps
Yttrium	89-1	6116517	6080723	5993002	6063414	1.05	cps
Yttrium	89-2	172873	170799	171894	171855	0.60	cps
Zinc	66-2	139048	140129	137924	139033	0.79	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:32:35	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7073850	7042334	7048660	7054948	0.24	cps
Zirconium	91-1	1581499	1568061	1557136	1568899	0.78	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:36:03	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113732	113520	113727	113660	0.11	cps
Antimony	121-1	10183534	10097155	10036510	10105733	0.73	cps
Arsenic	75-1	2292634	2257179	2253952	2267922	0.95	cps
Barium	135-1	10778965	10818127	10716643	10771245	0.48	cps
Barium	137-1	19063671	19154305	19016419	19078132	0.37	cps
Beryllium	9-1	1247553	1214670	1212674	1224965	1.60	cps
Bismuth	209-1	5830962	5741315	5875601	5815959	1.18	cps
Bismuth	209-2	1339846	1348763	1358884	1349164	0.71	cps
Boron	10-1	139227	140842	143402	141157	1.49	cps
Boron	11-1	684080	690720	697033	690611	0.94	cps
Cadmium	111-1	2246614	2267885	2245886	2253462	0.55	cps
Cadmium	106-1	228647	232693	229538	230293	0.92	cps
Cadmium	108-1	157865	158368	155728	157320	0.89	cps
Calcium	43-1	1948847	1931254	1965986	1948696	0.89	cps
Calcium	44-1	31440604	31280989	31287433	31336342	0.29	cps
Chromium	52-2	728127	719829	718631	722196	0.72	cps
Cobalt	59-2	1659189	1626943	1640242	1642124	0.99	cps
Copper	63-2	2847769	2867560	2831859	2849062	0.63	cps
Dysprosium	156-1	158	133	150	147	8.65	cps
Dysprosium	156-2	17	13	27	19	36.75	cps
Erbium	164-1	67	50	75	64	19.92	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	58	125	117	100	36.32	cps
Gadolinium	160-2	20	23	7	17	52.90	cps
Holmium	165-1	8398172	8372819	8451792	8407594	0.48	cps
Holmium	165-2	1639385	1659194	1659605	1652728	0.70	cps
Indium	115-1	5709536	5686977	5773646	5723386	0.79	cps
Indium	115-2	218898	220492	219545	219645	0.36	cps
Iron	56-2	25389403	25198201	25055205	25214270	0.67	cps
Iron	57-2	641628	641299	637391	640106	0.37	cps
Krypton	83-1	340	323	333	332	2.53	cps
Lead	206-1	7723576	7613461	7593990	7643676	0.91	cps
Lead	207-1	7058331	7013294	7012251	7027958	0.37	cps
Lead	208-1	31879568	31486739	31525128	31630478	0.68	cps
Lithium	6-1	1068440	1098112	1084492	1083681	1.37	cps
Magnesium	24-2	2673770	2669021	2650605	2664465	0.46	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 12:36:03 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	429249	424978	424353	426193	0.63	cps
Molybdenum	94-1	16543357	16379656	16363018	16428677	0.61	cps
Molybdenum	95-1	20273757	20268865	20165788	20236137	0.30	cps
Molybdenum	96-1	22727475	22595297	22472907	22598560	0.56	cps
Molybdenum	97-1	12872620	12795843	12763184	12810549	0.44	cps
Molybdenum	98-1	32915546	32889129	32582633	32795769	0.56	cps
Neodymium	150-1	627	553	500	560	11.36	cps
Neodymium	150-2	27	20	20	22	17.33	cps
Nickel	60-2	476781	471710	470945	473145	0.67	cps
Phosphorus	31-2	7244	7110	6852	7069	2.82	cps
Potassium	39-2	649820	639329	639936	643029	0.92	cps
Rhodium	103-1	5249332	5210547	5275600	5245160	0.62	cps
Rhodium	103-2	1328872	1332040	1336751	1332554	0.30	cps
Scandium	45-1	3057989	3027455	3089952	3058465	1.02	cps
Scandium	45-2	21603	21754	22047	21802	1.04	cps
Selenium	77-2	670	660	670	667	0.87	cps
Selenium	78-2	2141	2261	2061	2155	4.67	cps
Selenium	82-1	125337	126076	125668	125693	0.29	cps
Silicon	28-1	3810608	3803859	3786501	3800323	0.33	cps
Silver	109-1	10149248	10071300	10010870	10077139	0.69	cps
Silver	107-1	10461340	10496427	10355945	10437904	0.70	cps
Sodium	23-2	5822667	5778463	5747268	5782799	0.66	cps
Strontium	86-1	2515922	2547956	2519482	2527787	0.69	cps
Strontium	88-1	21653546	21896455	21549845	21699948	0.82	cps
Sulfur	34-1	826834	822398	824389	824540	0.27	cps
Terbium	159-1	8541398	8545346	8701346	8596030	1.06	cps
Terbium	159-2	1584366	1579895	1568827	1577696	0.51	cps
Thallium	203-1	9470467	9524082	9484643	9493064	0.29	cps
Thallium	205-1	22933989	22970742	22653192	22852641	0.76	cps
Tin	118-1	6981834	6987731	6930086	6966551	0.46	cps
Titanium	47-1	4659544	4701293	4679494	4680110	0.45	cps
Uranium	238-1	33045037	33243555	32953517	33080703	0.45	cps
Vanadium	51-2	540435	535474	530187	535366	0.96	cps
Yttrium	89-1	5817883	5851630	5900973	5856828	0.71	cps
Yttrium	89-2	165519	162750	164048	164106	0.84	cps
Zinc	66-2	263846	261992	263184	263007	0.36	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:36:03	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13739274	13666539	13664977	13690263	0.31	cps
Zirconium	91-1	3063221	3043076	3086277	3064191	0.71	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:39:28	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	628897	629637	636380	631638	0.65	cps
Antimony	121-1	29425	27613	26928	27989	4.61	cps
Arsenic	75-1	4142	3601	3842	3862	7.03	cps
Barium	135-1	3034	2817	2700	2850	5.94	cps
Barium	137-1	5051	5060	5110	5073	0.62	cps
Beryllium	9-1	845	878	700	807	11.70	cps
Bismuth	209-1	5370194	5298867	5228035	5299032	1.34	cps
Bismuth	209-2	1280251	1249588	1257999	1262612	1.25	cps
Boron	10-1	6935	6802	6310	6682	4.93	cps
Boron	11-1	34167	31911	28062	31380	9.84	cps
Cadmium	111-1	1325	1302	1123	1250	8.85	cps
Cadmium	106-1	1258	1258	1192	1236	3.11	cps
Cadmium	108-1	50	42	46	46	9.09	cps
Calcium	43-1	9685999	9791144	9803928	9760357	0.66	cps
Calcium	44-1	158419987	159427979	160051295	159299754	0.52	cps
Chromium	52-2	41555	41642	42562	41920	1.33	cps
Cobalt	59-2	21720	22382	22161	22088	1.52	cps
Copper	63-2	6989	7305	7262	7185	2.39	cps
Dysprosium	156-1	117	167	83	122	34.32	cps
Dysprosium	156-2	13	3	13	10	57.75	cps
Erbium	164-1	25	92	50	56	60.62	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	142	175	92	136	30.82	cps
Gadolinium	160-2	30	20	7	19	61.96	cps
Holmium	165-1	8278980	8266331	8114469	8219927	1.11	cps
Holmium	165-2	1663315	1662887	1688315	1671506	0.87	cps
Indium	115-1	5643962	5692107	5564933	5633667	1.14	cps
Indium	115-2	233427	230232	233771	232477	0.84	cps
Iron	56-2	134125153	133608761	134846600	134193505	0.46	cps
Iron	57-2	3411109	3472543	3455586	3446413	0.92	cps
Krypton	83-1	320	337	350	336	4.48	cps
Lead	206-1	7836	7514	7792	7714	2.27	cps
Lead	207-1	6674	6274	6724	6557	3.76	cps
Lead	208-1	31244	29882	31094	30740	2.43	cps
Lithium	6-1	1045414	1066278	1043774	1051822	1.19	cps
Magnesium	24-2	13865420	13915803	13961161	13914128	0.34	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:39:28	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3811	3677	3517	3668	4.00	cps
Molybdenum	94-1	24999	24581	23446	24342	3.30	cps
Molybdenum	95-1	39216	39392	37920	38843	2.07	cps
Molybdenum	96-1	43588	42659	41807	42685	2.09	cps
Molybdenum	97-1	23864	24682	24055	24200	1.77	cps
Molybdenum	98-1	62947	60587	62688	62074	2.09	cps
Neodymium	150-1	107	140	93	113	21.21	cps
Neodymium	150-2	20	13	7	13	49.99	cps
Nickel	60-2	22178	21791	21787	21919	1.02	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3528409	3548408	3567608	3548142	0.55	cps
Rhodium	103-1	4991693	5000349	4893979	4962007	1.19	cps
Rhodium	103-2	1312158	1303995	1311213	1309122	0.34	cps
Scandium	45-1	3050287	3068150	3011652	3043363	0.95	cps
Scandium	45-2	22842	22832	22765	22813	0.18	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	13	4	6	96.48	cps
Selenium	82-1	141	132	66	113	36.16	cps
Silicon	28-1	301205	301073	307722	303333	1.25	cps
Silver	109-1	1592	1308	1058	1320	20.22	cps
Silver	107-1	1550	1358	1317	1408	8.84	cps
Sodium	23-2	30626554	30856965	30951044	30811521	0.54	cps
Strontium	86-1	12264	11655	12206	12042	2.79	cps
Strontium	88-1	101156	102349	103122	102209	0.97	cps
Sulfur	34-1	282132	278492	284357	281660	1.05	cps
Terbium	159-1	8326427	8295497	8200462	8274129	0.79	cps
Terbium	159-2	1601523	1580540	1582221	1588095	0.73	cps
Thallium	203-1	5310	4259	4559	4709	11.49	cps
Thallium	205-1	12365	11030	10955	11450	6.93	cps
Tin	118-1	17570	17562	17437	17523	0.43	cps
Titanium	47-1	1200	1475	1392	1356	10.40	cps
Uranium	238-1	6552	6385	6369	6435	1.58	cps
Vanadium	51-2	280	327	397	334	17.56	cps
Yttrium	89-1	5775782	5834152	5733603	5781179	0.87	cps
Yttrium	89-2	174529	173279	174374	174061	0.39	cps
Zinc	66-2	2294	2237	2164	2231	2.92	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:39:28	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6177	5685	5435	5765	6.55	cps
Zirconium	91-1	1100	1267	1342	1236	10.01	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 12:47:59 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3564	3279	3401	3415	4.19	cps
Antimony	121-1	2146721	2170368	2165697	2160929	0.58	cps
Arsenic	75-1	507534	511271	508991	509266	0.37	cps
Barium	135-1	231261	227345	223142	227250	1.79	cps
Barium	137-1	400824	402632	402555	402004	0.25	cps
Beryllium	9-1	141265	138779	138812	139619	1.02	cps
Bismuth	209-1	5769152	5774251	5740141	5761181	0.32	cps
Bismuth	209-2	1460110	1450162	1429989	1446754	1.06	cps
Boron	10-1	1333	1275	1450	1353	6.59	cps
Boron	11-1	6744	7010	6502	6752	3.77	cps
Cadmium	111-1	238317	242742	242485	241181	1.03	cps
Cadmium	106-1	22403	22828	22970	22734	1.30	cps
Cadmium	108-1	15342	15392	15684	15473	1.19	cps
Calcium	43-1	44664	45516	44814	44998	1.01	cps
Calcium	44-1	730423	734579	735729	733577	0.38	cps
Chromium	52-2	87629	86948	88021	87533	0.62	cps
Cobalt	59-2	200512	199844	198933	199763	0.40	cps
Copper	63-2	176075	174135	174892	175034	0.56	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	83	100	86	14.79	cps
Erbium	164-2	20	10	20	17	34.64	cps
Gadolinium	160-1	25	42	50	39	32.73	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	8399275	8395779	8333879	8376311	0.44	cps
Holmium	165-2	1712053	1752548	1727475	1730692	1.18	cps
Indium	115-1	6138760	6130959	6102996	6124238	0.31	cps
Indium	115-2	262339	261504	257685	260509	0.95	cps
Iron	56-2	617949	616856	620360	618388	0.29	cps
Iron	57-2	15987	15620	15175	15594	2.61	cps
Krypton	83-1	377	307	353	346	10.31	cps
Lead	206-1	1595958	1595717	1584062	1591912	0.43	cps
Lead	207-1	1386142	1397495	1386335	1389991	0.47	cps
Lead	208-1	6464283	6517176	6447876	6476445	0.56	cps
Lithium	6-1	1176842	1181132	1168703	1175559	0.54	cps
Magnesium	24-2	39673	39405	39280	39453	0.51	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:47:59	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26522	25968	25483	25991	2.00	cps
Molybdenum	94-1	1042	1483	1300	1275	17.40	cps
Molybdenum	95-1	1083	1258	1217	1186	7.71	cps
Molybdenum	96-1	1417	1275	1250	1314	6.84	cps
Molybdenum	97-1	650	583	575	603	6.82	cps
Molybdenum	98-1	1609	1567	1750	1642	5.85	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	59466	59657	58292	59138	1.25	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	35278	34919	35078	35092	0.51	cps
Rhodium	103-1	5774448	5720635	5722576	5739219	0.53	cps
Rhodium	103-2	1554170	1560326	1522564	1545686	1.31	cps
Scandium	45-1	3382516	3413798	3331311	3375875	1.23	cps
Scandium	45-2	26338	25029	25323	25563	2.69	cps
Selenium	77-2	163	123	183	157	19.50	cps
Selenium	78-2	565	572	517	551	5.47	cps
Selenium	82-1	28740	28878	28412	28677	0.83	cps
Silicon	28-1	184982	187177	186290	186150	0.59	cps
Silver	109-1	1111038	1110833	1101170	1107680	0.51	cps
Silver	107-1	1149811	1157295	1151543	1152883	0.34	cps
Sodium	23-2	147929	148114	145706	147250	0.91	cps
Strontium	86-1	6969	6535	6810	6771	3.24	cps
Strontium	88-1	54569	56226	55054	55283	1.54	cps
Sulfur	34-1	297215	294207	296808	296077	0.55	cps
Terbium	159-1	8569967	8496308	8383187	8483154	1.11	cps
Terbium	159-2	1689285	1678024	1658629	1675313	0.93	cps
Thallium	203-1	2039814	2024984	2018535	2027778	0.54	cps
Thallium	205-1	4814395	4800465	4794436	4803099	0.21	cps
Tin	118-1	1608	1450	1575	1545	5.40	cps
Titanium	47-1	125	150	100	125	20.00	cps
Uranium	238-1	150	117	150	139	13.86	cps
Vanadium	51-2	63784	64069	65576	64476	1.49	cps
Yttrium	89-1	6194948	6246319	6236142	6225803	0.44	cps
Yttrium	89-2	190686	189029	188256	189323	0.66	cps
Zinc	66-2	32725	32525	32522	32591	0.36	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:47:59	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1859	1684	1508	1684	10.40	cps
Zirconium	91-1	483	500	450	478	5.33	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:51:21	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	138	158	148	148	6.78	cps
Antimony	121-1	27663	28231	27763	27886	1.09	cps
Arsenic	75-1	2842	2700	2975	2839	4.84	cps
Barium	135-1	22553	22620	22787	22654	0.53	cps
Barium	137-1	40998	40321	39761	40360	1.53	cps
Beryllium	9-1	1600	1895	1595	1696	10.12	cps
Bismuth	209-1	5687238	5850008	5807635	5781627	1.46	cps
Bismuth	209-2	1478202	1498142	1428074	1468139	2.46	cps
Boron	10-1	5126	5226	5018	5123	2.03	cps
Boron	11-1	23937	25006	25273	24739	2.86	cps
Cadmium	111-1	3406	3405	3645	3485	3.97	cps
Cadmium	106-1	1517	1700	1667	1628	6.00	cps
Cadmium	108-1	229	175	163	189	18.76	cps
Calcium	43-1	11180	11497	11422	11366	1.46	cps
Calcium	44-1	191437	191177	191920	191511	0.20	cps
Chromium	52-2	2467	2224	2440	2377	5.62	cps
Cobalt	59-2	2190	2040	2287	2172	5.72	cps
Copper	63-2	4034	3774	3884	3897	3.35	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	20	0	3	8	137.80	cps
Gadolinium	160-1	50	25	58	44	39.04	cps
Gadolinium	160-2	10	17	3	10	66.70	cps
Holmium	165-1	8323043	8307992	8341863	8324299	0.20	cps
Holmium	165-2	1765572	1776667	1715265	1752501	1.87	cps
Indium	115-1	6145104	6199908	6281508	6208840	1.11	cps
Indium	115-2	268777	266304	260279	265120	1.65	cps
Iron	56-2	34794	34799	34482	34692	0.52	cps
Iron	57-2	783	761	928	824	10.98	cps
Krypton	83-1	340	380	343	354	6.26	cps
Lead	206-1	8781	9048	8609	8813	2.51	cps
Lead	207-1	7875	7753	7969	7866	1.38	cps
Lead	208-1	35237	35520	35498	35418	0.45	cps
Lithium	6-1	1184480	1175132	1188648	1182754	0.59	cps
Magnesium	24-2	16627	16427	17052	16702	1.91	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:51:21	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	350	353	263	322	15.84	cps
Molybdenum	94-1	19390	19156	19014	19187	0.99	cps
Molybdenum	95-1	22244	22737	24348	23109	4.76	cps
Molybdenum	96-1	26067	26168	26101	26112	0.20	cps
Molybdenum	97-1	14934	14508	14625	14689	1.50	cps
Molybdenum	98-1	37269	37904	37520	37564	0.85	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	870	890	977	912	6.22	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	10855	11013	11046	10971	0.93	cps
Rhodium	103-1	5816076	5865727	5847845	5843216	0.43	cps
Rhodium	103-2	1596292	1594715	1553596	1581535	1.53	cps
Scandium	45-1	3430920	3433865	3474780	3446522	0.71	cps
Scandium	45-2	25734	26639	24969	25780	3.24	cps
Selenium	77-2	3	0	13	6	124.93	cps
Selenium	78-2	28	9	9	15	69.28	cps
Selenium	82-1	781	734	807	774	4.83	cps
Silicon	28-1	241422	240217	239886	240508	0.34	cps
Silver	109-1	11163	11547	11355	11355	1.69	cps
Silver	107-1	12173	12390	12598	12387	1.72	cps
Sodium	23-2	44629	42774	44738	44047	2.51	cps
Strontium	86-1	3517	3517	3409	3481	1.80	cps
Strontium	88-1	25024	25149	24857	25010	0.59	cps
Sulfur	34-1	296110	299112	299971	298398	0.68	cps
Terbium	159-1	8585357	8592119	8468742	8548739	0.81	cps
Terbium	159-2	1714841	1722346	1669468	1702218	1.68	cps
Thallium	203-1	10939	11097	10505	10847	2.83	cps
Thallium	205-1	25744	26145	25769	25886	0.87	cps
Tin	118-1	38874	38875	36509	38086	3.59	cps
Titanium	47-1	5660	5918	5526	5701	3.49	cps
Uranium	238-1	33429	32961	32284	32892	1.75	cps
Vanadium	51-2	3374	3367	3300	3347	1.21	cps
Yttrium	89-1	6228422	6270182	6325959	6274854	0.78	cps
Yttrium	89-2	194008	195513	188772	192764	1.84	cps
Zinc	66-2	407	493	437	446	9.88	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:51:21	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15334	15927	15993	15751	2.30	cps
Zirconium	91-1	3442	3401	3751	3531	5.42	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:54:44	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5	8	35	16	105.15	cps
Antimony	121-1	2092	1992	2359	2148	8.83	cps
Arsenic	75-1	192	108	133	144	29.61	cps
Barium	135-1	42	42	75	53	36.46	cps
Barium	137-1	75	25	75	58	49.49	cps
Beryllium	9-1	294	244	244	261	11.06	cps
Bismuth	209-1	5754698	5772881	5748058	5758546	0.22	cps
Bismuth	209-2	1453806	1449833	1476323	1459988	0.98	cps
Boron	10-1	1175	1417	1117	1236	12.87	cps
Boron	11-1	6235	6002	6118	6118	1.91	cps
Cadmium	111-1	897	883	703	828	13.04	cps
Cadmium	106-1	1242	1258	992	1164	12.84	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	267	258	358	294	18.85	cps
Calcium	44-1	8595	8395	8536	8509	1.21	cps
Chromium	52-2	347	377	407	377	7.96	cps
Cobalt	59-2	63	67	67	66	2.94	cps
Copper	63-2	210	193	243	216	11.81	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	50	25	39	32.73	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	17	33	42	31	41.66	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	8274818	8421339	8261875	8319344	1.06	cps
Holmium	165-2	1747693	1739362	1755037	1747364	0.45	cps
Indium	115-1	6212915	6215381	6209356	6212550	0.05	cps
Indium	115-2	261100	265084	263857	263347	0.77	cps
Iron	56-2	1372	1617	1622	1537	9.29	cps
Iron	57-2	50	72	22	48	52.03	cps
Krypton	83-1	340	313	320	324	4.28	cps
Lead	206-1	511	528	472	504	5.66	cps
Lead	207-1	444	433	472	450	4.45	cps
Lead	208-1	2028	2017	1995	2013	0.84	cps
Lithium	6-1	1193379	1175339	1166909	1178543	1.15	cps
Magnesium	24-2	408	392	325	375	11.76	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 12:54:44 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	30	13	23	37.81	cps
Molybdenum	94-1	592	667	658	639	6.43	cps
Molybdenum	95-1	625	525	508	553	11.41	cps
Molybdenum	96-1	567	525	592	561	6.00	cps
Molybdenum	97-1	342	300	358	333	9.01	cps
Molybdenum	98-1	925	875	850	883	4.32	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	157	160	180	166	7.62	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	2217	2459	2300	2325	5.28	cps
Rhodium	103-1	5840642	5795060	5777136	5804279	0.56	cps
Rhodium	103-2	1560120	1575260	1576922	1570767	0.59	cps
Scandium	45-1	3440511	3421210	3397204	3419642	0.63	cps
Scandium	45-2	25577	25694	25931	25734	0.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	-4	72	27	32	121.30	cps
Silicon	28-1	172523	172832	171735	172363	0.33	cps
Silver	109-1	108	92	108	103	9.36	cps
Silver	107-1	158	142	142	147	6.54	cps
Sodium	23-2	6610	6443	6760	6605	2.40	cps
Strontium	86-1	492	392	517	467	14.17	cps
Strontium	88-1	158	75	133	122	34.99	cps
Sulfur	34-1	305444	300984	305622	304017	0.86	cps
Terbium	159-1	8620504	8484056	8391944	8498835	1.35	cps
Terbium	159-2	1707370	1717129	1709754	1711418	0.30	cps
Thallium	203-1	883	842	800	842	4.95	cps
Thallium	205-1	1884	1967	1809	1886	4.20	cps
Tin	118-1	1350	1308	1400	1353	3.39	cps
Titanium	47-1	75	67	117	86	31.11	cps
Uranium	238-1	50	33	17	33	50.00	cps
Vanadium	51-2	3	0	10	4	114.60	cps
Yttrium	89-1	6349617	6272872	6283322	6301937	0.66	cps
Yttrium	89-2	192251	191320	190871	191480	0.37	cps
Zinc	66-2	83	73	67	74	11.27	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:54:44	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	692	767	725	728	5.16	cps
Zirconium	91-1	233	158	192	194	19.33	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 12:58:07 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	594375	588430	588715	590507	0.57	cps
Antimony	121-1	12506	13783	13291	13193	4.88	cps
Arsenic	75-1	3834	3767	4301	3967	7.33	cps
Barium	135-1	3734	3259	3267	3420	7.95	cps
Barium	137-1	5535	5877	5993	5802	4.11	cps
Beryllium	9-1	594	539	572	569	4.92	cps
Bismuth	209-1	5532502	5698436	5655914	5628951	1.53	cps
Bismuth	209-2	1363759	1362681	1367932	1364791	0.20	cps
Boron	10-1	1375	1383	1175	1311	9.00	cps
Boron	11-1	6677	6185	6485	6449	3.85	cps
Cadmium	111-1	1490	1854	1342	1562	16.86	cps
Cadmium	106-1	1092	1417	1142	1217	14.38	cps
Cadmium	108-1	1392	1304	1546	1414	8.65	cps
Calcium	43-1	2100785	2101776	2091871	2098144	0.26	cps
Calcium	44-1	33659689	33910998	33510332	33693673	0.60	cps
Chromium	52-2	19500	19440	19397	19446	0.27	cps
Cobalt	59-2	2384	2277	2364	2341	2.42	cps
Copper	63-2	12382	12176	12476	12345	1.24	cps
Dysprosium	156-1	58	83	42	61	34.32	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	58	33	58	50	28.88	cps
Erbium	164-2	7	10	17	11	45.82	cps
Gadolinium	160-1	75	100	108	94	18.37	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	8425380	8484430	8595899	8501903	1.02	cps
Holmium	165-2	1710294	1698579	1739069	1715981	1.21	cps
Indium	115-1	6021033	6039941	6059219	6040064	0.32	cps
Indium	115-2	246126	242668	246067	244954	0.81	cps
Iron	56-2	56408861	56082683	55848062	56113202	0.50	cps
Iron	57-2	1437838	1432849	1437950	1436212	0.20	cps
Krypton	83-1	327	387	373	362	8.70	cps
Lead	206-1	36709	35952	36954	36538	1.43	cps
Lead	207-1	29563	29630	28238	29143	2.69	cps
Lead	208-1	140522	141173	138090	139928	1.16	cps
Lithium	6-1	1119281	1104671	1105379	1109777	0.74	cps
Magnesium	24-2	2963080	2958877	2915604	2945854	0.89	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 12:58:07 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1813	1947	1930	1897	3.83	cps
Molybdenum	94-1	4770961	4796470	4814918	4794116	0.46	cps
Molybdenum	95-1	8361839	8449230	8403004	8404691	0.52	cps
Molybdenum	96-1	8982766	8979093	8953931	8971930	0.17	cps
Molybdenum	97-1	5274464	5279106	5280318	5277963	0.06	cps
Molybdenum	98-1	13634208	13644302	13531662	13603391	0.46	cps
Neodymium	150-1	27	33	27	29	13.31	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	4317	4247	4467	4344	2.59	cps
Phosphorus	31-2	40074	39807	38854	39579	1.62	cps
Potassium	39-2	1496885	1471593	1469401	1479293	1.03	cps
Rhodium	103-1	5435804	5494205	5488258	5472755	0.59	cps
Rhodium	103-2	1424195	1417057	1424816	1422023	0.30	cps
Scandium	45-1	3243931	3299408	3319976	3287772	1.20	cps
Scandium	45-2	24274	24141	23994	24136	0.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	49	13	16	26	76.53	cps
Silicon	28-1	286006	288266	290044	288105	0.70	cps
Silver	109-1	458	550	675	561	19.38	cps
Silver	107-1	592	600	592	594	0.81	cps
Sodium	23-2	6482649	6501157	6441837	6475214	0.47	cps
Strontium	86-1	90541	91523	88453	90172	1.74	cps
Strontium	88-1	781375	776050	783667	780364	0.50	cps
Sulfur	34-1	2626938	2647508	2622945	2632464	0.50	cps
Terbium	159-1	8568651	8658693	8628571	8618638	0.53	cps
Terbium	159-2	1661648	1638375	1639363	1646462	0.80	cps
Thallium	203-1	1258	1508	1283	1350	10.20	cps
Thallium	205-1	3101	3501	3667	3423	8.51	cps
Tin	118-1	2500	2250	2534	2428	6.38	cps
Titanium	47-1	2074631	2061125	2067764	2067840	0.33	cps
Uranium	238-1	808	800	733	781	5.27	cps
Vanadium	51-2	87	107	107	100	11.55	cps
Yttrium	89-1	6122132	6215048	6232974	6190051	0.96	cps
Yttrium	89-2	181352	180172	179645	180389	0.48	cps
Zinc	66-2	1907	1813	1837	1852	2.62	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 12:58:07	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5151	4551	4634	4779	6.80	cps
Zirconium	91-1	1058	1117	1025	1067	4.35	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 13:01:25 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	581161	575005	576147	577438	0.57	cps
Antimony	121-1	219271	218340	219508	219040	0.28	cps
Arsenic	75-1	53020	51916	51464	52133	1.54	cps
Barium	135-1	47378	48942	48665	48328	1.73	cps
Barium	137-1	84745	87296	85879	85973	1.49	cps
Beryllium	9-1	26425	26681	26570	26558	0.48	cps
Bismuth	209-1	5669701	5658515	5648825	5659013	0.18	cps
Bismuth	209-2	1363279	1358620	1363750	1361883	0.21	cps
Boron	10-1	84574	86351	83686	84871	1.60	cps
Boron	11-1	409286	412785	413218	411763	0.52	cps
Cadmium	111-1	45467	46964	47507	46646	2.26	cps
Cadmium	106-1	5043	5376	5018	5146	3.89	cps
Cadmium	108-1	4680	4626	4555	4620	1.36	cps
Calcium	43-1	2055150	2052271	2055427	2054283	0.09	cps
Calcium	44-1	33303211	33191430	32753241	33082627	0.88	cps
Chromium	52-2	37617	37106	37270	37331	0.70	cps
Cobalt	59-2	39195	39008	38346	38850	1.15	cps
Copper	63-2	43187	44334	43715	43745	1.31	cps
Dysprosium	156-1	58	50	50	53	9.12	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	17	3	7	9	78.08	cps
Gadolinium	160-1	108	75	67	83	26.46	cps
Gadolinium	160-2	13	17	20	17	20.01	cps
Holmium	165-1	8610623	8574533	8468854	8551337	0.86	cps
Holmium	165-2	1738570	1709175	1700243	1715996	1.17	cps
Indium	115-1	6079864	6045223	6048704	6057930	0.31	cps
Indium	115-2	240830	238581	238224	239212	0.59	cps
Iron	56-2	54965822	54570730	54475775	54670776	0.48	cps
Iron	57-2	1398175	1387114	1372015	1385768	0.95	cps
Krypton	83-1	330	293	377	333	12.53	cps
Lead	206-1	192367	192172	191427	191989	0.26	cps
Lead	207-1	161633	160816	160164	160871	0.46	cps
Lead	208-1	748368	750091	752642	750367	0.29	cps
Lithium	6-1	1110797	1117943	1104729	1111156	0.60	cps
Magnesium	24-2	2890180	2838619	2852248	2860349	0.93	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:01:25	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6762	6985	6712	6820	2.14	cps
Molybdenum	94-1	5921396	5867843	5841013	5876751	0.70	cps
Molybdenum	95-1	10387604	10352278	10320198	10353360	0.33	cps
Molybdenum	96-1	11038777	11038579	11036534	11037963	0.01	cps
Molybdenum	97-1	6547901	6522528	6442144	6504191	0.85	cps
Molybdenum	98-1	16829156	16747226	16703634	16760006	0.38	cps
Neodymium	150-1	67	60	20	49	51.63	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	16303	15756	16517	16192	2.42	cps
Phosphorus	31-2	39138	38796	39381	39105	0.75	cps
Potassium	39-2	1453619	1436165	1448564	1446116	0.62	cps
Rhodium	103-1	5518096	5563420	5473956	5518491	0.81	cps
Rhodium	103-2	1424250	1416341	1422345	1420979	0.29	cps
Scandium	45-1	3343004	3305075	3248365	3298815	1.44	cps
Scandium	45-2	23807	23744	23757	23769	0.14	cps
Selenium	77-2	10	17	3	10	66.70	cps
Selenium	78-2	33	43	46	41	16.40	cps
Selenium	82-1	2605	2789	2627	2674	3.75	cps
Silicon	28-1	2218778	2207420	2201550	2209249	0.40	cps
Silver	109-1	197725	198510	200226	198820	0.64	cps
Silver	107-1	208827	211011	207819	209219	0.78	cps
Sodium	23-2	6332956	6310144	6329220	6324107	0.19	cps
Strontium	86-1	88527	91237	88394	89386	1.79	cps
Strontium	88-1	771312	769785	765736	768944	0.37	cps
Sulfur	34-1	2633305	2599197	2592829	2608444	0.83	cps
Terbium	159-1	8646970	8686442	8650733	8661382	0.25	cps
Terbium	159-2	1651283	1657498	1636295	1648359	0.66	cps
Thallium	203-1	188809	193961	189391	190720	1.48	cps
Thallium	205-1	458296	459626	457722	458548	0.21	cps
Tin	118-1	3554007	3534932	3564844	3551261	0.43	cps
Titanium	47-1	2548369	2538016	2542671	2543018	0.20	cps
Uranium	238-1	917	992	775	895	12.30	cps
Vanadium	51-2	12042	11565	11979	11862	2.18	cps
Yttrium	89-1	6185571	6278711	6184216	6216166	0.87	cps
Yttrium	89-2	180665	179445	180148	180086	0.34	cps
Zinc	66-2	4784	4594	4864	4748	2.92	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:01:25	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5918	5285	4151	5118	17.50	cps
Zirconium	91-1	1267	1150	992	1136	12.15	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:04:43	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	344111	342876	342568	343185	0.24	cps
Antimony	121-1	5264438	5171529	5190776	5208914	0.94	cps
Arsenic	75-1	1194462	1188227	1189968	1190886	0.27	cps
Barium	135-1	5603539	5624342	5572887	5600256	0.46	cps
Barium	137-1	9801573	9771290	9767013	9779959	0.19	cps
Beryllium	9-1	647487	649671	648793	648650	0.17	cps
Bismuth	209-1	5261869	5484456	5468736	5405020	2.30	cps
Bismuth	209-2	1328770	1316991	1329078	1324946	0.52	cps
Boron	10-1	74586	76614	79001	76733	2.88	cps
Boron	11-1	372578	378503	386151	379077	1.79	cps
Cadmium	111-1	1121331	1122083	1126121	1123179	0.23	cps
Cadmium	106-1	118131	117635	118753	118173	0.47	cps
Cadmium	108-1	81180	81276	79944	80800	0.92	cps
Calcium	43-1	5072578	5076607	5102291	5083825	0.32	cps
Calcium	44-1	83209137	82584806	83182625	82992189	0.43	cps
Chromium	52-2	429991	426426	431173	429196	0.58	cps
Cobalt	59-2	905184	903624	909595	906134	0.34	cps
Copper	63-2	1527272	1527838	1545026	1533379	0.66	cps
Dysprosium	156-1	117	108	75	100	22.05	cps
Dysprosium	156-2	10	17	10	12	31.50	cps
Erbium	164-1	92	75	67	78	16.37	cps
Erbium	164-2	10	13	0	8	89.21	cps
Gadolinium	160-1	142	92	83	106	29.89	cps
Gadolinium	160-2	23	20	17	20	16.65	cps
Holmium	165-1	8262716	8461361	8340050	8354709	1.20	cps
Holmium	165-2	1696278	1676715	1675956	1682983	0.68	cps
Indium	115-1	5726253	5933851	5872424	5844176	1.82	cps
Indium	115-2	239225	235321	236484	237010	0.85	cps
Iron	56-2	70472982	70436538	70336646	70415389	0.10	cps
Iron	57-2	1803959	1795257	1812993	1804070	0.49	cps
Krypton	83-1	280	310	463	351	28.01	cps
Lead	206-1	3801206	3779164	3754964	3778445	0.61	cps
Lead	207-1	3480727	3464077	3460404	3468403	0.31	cps
Lead	208-1	15552887	15454805	15562472	15523388	0.38	cps
Lithium	6-1	1059450	1092392	1082595	1078146	1.57	cps
Magnesium	24-2	7276148	7215083	7230435	7240555	0.44	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:04:43	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	243945	243420	244379	243915	0.20	cps
Molybdenum	94-1	8758228	8798586	8790849	8782554	0.24	cps
Molybdenum	95-1	10723781	10713591	10766376	10734583	0.26	cps
Molybdenum	96-1	11964041	11963644	11987914	11971867	0.12	cps
Molybdenum	97-1	6736300	6686099	6732533	6718311	0.42	cps
Molybdenum	98-1	17474028	17307344	17454899	17412090	0.52	cps
Neodymium	150-1	300	253	247	267	10.90	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	269425	270940	270929	270431	0.32	cps
Phosphorus	31-2	3751	4292	4434	4159	8.67	cps
Potassium	39-2	1880303	1902278	1884223	1888935	0.62	cps
Rhodium	103-1	5176100	5308812	5277998	5254303	1.32	cps
Rhodium	103-2	1387539	1378790	1382835	1383054	0.32	cps
Scandium	45-1	3140374	3260500	3202735	3201203	1.88	cps
Scandium	45-2	24742	24241	23867	24284	1.81	cps
Selenium	77-2	353	360	380	364	3.81	cps
Selenium	78-2	1187	1222	1217	1209	1.57	cps
Selenium	82-1	65972	65622	65528	65707	0.36	cps
Silicon	28-1	2188686	2168698	2205127	2187504	0.83	cps
Silver	109-1	5187540	5211203	5208287	5202344	0.25	cps
Silver	107-1	5330617	5373189	5344396	5349401	0.41	cps
Sodium	23-2	16170566	16096430	16088143	16118380	0.28	cps
Strontium	86-1	1327054	1321997	1321357	1323469	0.24	cps
Strontium	88-1	11485545	11505943	11530068	11507185	0.19	cps
Sulfur	34-1	576882	579769	576280	577644	0.32	cps
Terbium	159-1	8345052	8534766	8563086	8480968	1.40	cps
Terbium	159-2	1634858	1605791	1617609	1619419	0.90	cps
Thallium	203-1	4720070	4709412	4713080	4714187	0.11	cps
Thallium	205-1	11142457	11200485	11162508	11168483	0.26	cps
Tin	118-1	3639062	3627827	3623842	3630244	0.22	cps
Titanium	47-1	2580681	2595316	2603489	2593162	0.45	cps
Uranium	238-1	16179895	16072283	16115202	16122460	0.34	cps
Vanadium	51-2	309337	308222	308165	308574	0.21	cps
Yttrium	89-1	5933784	6069903	6035893	6013193	1.18	cps
Yttrium	89-2	181003	178750	180070	179941	0.63	cps
Zinc	66-2	144810	145537	144914	145087	0.27	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV96	Instrumnet Name :	P8
Client Sample ID :	CCV96	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:04:43	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7295082	7257249	7339678	7297336	0.57	cps
Zirconium	91-1	1655227	1633409	1639838	1642825	0.68	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:07:55	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	20	13	16	24.15	cps
Antimony	121-1	11480	10913	10296	10897	5.44	cps
Arsenic	75-1	700	433	350	494	36.98	cps
Barium	135-1	292	225	217	244	16.82	cps
Barium	137-1	792	367	358	506	49.02	cps
Beryllium	9-1	517	422	433	457	11.29	cps
Bismuth	209-1	5957055	5877328	5824736	5886373	1.13	cps
Bismuth	209-2	1469093	1453329	1447581	1456668	0.76	cps
Boron	10-1	3134	3167	2867	3056	5.38	cps
Boron	11-1	17470	15818	14758	16015	8.53	cps
Cadmium	111-1	1018	929	937	961	5.08	cps
Cadmium	106-1	1333	1217	1217	1256	5.37	cps
Cadmium	108-1	17	8	21	15	41.67	cps
Calcium	43-1	683	492	608	594	16.25	cps
Calcium	44-1	13932	11597	11489	12339	11.19	cps
Chromium	52-2	337	303	303	314	6.12	cps
Cobalt	59-2	90	57	77	74	22.53	cps
Copper	63-2	367	290	323	327	11.77	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	0	67	17	28	124.89	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	50	58	58	56	8.67	cps
Gadolinium	160-2	3	3	17	8	99.04	cps
Holmium	165-1	8518608	8525413	8330023	8458015	1.31	cps
Holmium	165-2	1739128	1732756	1730153	1734012	0.27	cps
Indium	115-1	6239691	6256074	6230844	6242203	0.21	cps
Indium	115-2	257594	252332	251456	253794	1.31	cps
Iron	56-2	4451	4540	4184	4392	4.22	cps
Iron	57-2	133	139	133	135	2.37	cps
Krypton	83-1	317	353	330	333	5.57	cps
Lead	206-1	1167	1183	895	1082	15.00	cps
Lead	207-1	1078	983	1078	1046	5.21	cps
Lead	208-1	4600	4384	4123	4369	5.48	cps
Lithium	6-1	1150463	1155742	1144481	1150229	0.49	cps
Magnesium	24-2	442	408	408	419	4.59	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:07:55	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	13	23	19	26.96	cps
Molybdenum	94-1	3759	3651	3059	3490	10.80	cps
Molybdenum	95-1	4951	4209	4017	4393	11.23	cps
Molybdenum	96-1	5568	4651	4334	4851	13.21	cps
Molybdenum	97-1	3109	2784	2409	2767	12.66	cps
Molybdenum	98-1	8503	7002	6352	7286	15.14	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	147	197	160	168	15.43	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2200	2425	2542	2389	7.27	cps
Rhodium	103-1	5735310	5754241	5740323	5743291	0.17	cps
Rhodium	103-2	1530539	1525350	1499850	1518580	1.08	cps
Scandium	45-1	3346016	3304113	3323372	3324500	0.63	cps
Scandium	45-2	24375	24178	23527	24026	1.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	54	28	12	31	67.28	cps
Silicon	28-1	165210	164325	198870	176135	11.18	cps
Silver	109-1	667	633	650	650	2.56	cps
Silver	107-1	775	708	625	703	10.70	cps
Sodium	23-2	8236	7794	8053	8028	2.77	cps
Strontium	86-1	642	567	725	644	12.29	cps
Strontium	88-1	817	692	542	683	20.15	cps
Sulfur	34-1	288634	289605	290070	289436	0.25	cps
Terbium	159-1	8652643	8653462	8644144	8650083	0.06	cps
Terbium	159-2	1673382	1665116	1648598	1662366	0.76	cps
Thallium	203-1	2417	2125	2009	2184	9.63	cps
Thallium	205-1	5810	5326	5018	5385	7.41	cps
Tin	118-1	3042	2942	2517	2834	9.84	cps
Titanium	47-1	408	233	350	331	26.96	cps
Uranium	238-1	1000	892	583	825	26.20	cps
Vanadium	51-2	13	7	13	11	34.61	cps
Yttrium	89-1	6279062	6207688	6206567	6231106	0.67	cps
Yttrium	89-2	183564	182744	182123	182810	0.40	cps
Zinc	66-2	90	67	83	80	15.02	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB96	Instrumnet Name :	P8
Client Sample ID :	CCB96	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:07:55	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2592	2100	2350	2348	10.48	cps
Zirconium	91-1	525	500	467	497	5.89	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:11:17	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160	153	145	153	4.92	cps
Antimony	121-1	24590	24699	24398	24562	0.62	cps
Arsenic	75-1	2634	2875	2659	2723	4.88	cps
Barium	135-1	22637	22537	23347	22840	1.93	cps
Barium	137-1	40572	39593	39869	40011	1.26	cps
Beryllium	9-1	1461	1672	1539	1558	6.86	cps
Bismuth	209-1	5988921	5875590	5943729	5936080	0.96	cps
Bismuth	209-2	1438342	1432905	1425112	1432119	0.46	cps
Boron	10-1	5435	5676	5443	5518	2.49	cps
Boron	11-1	25231	27026	26726	26328	3.65	cps
Cadmium	111-1	3175	3487	3299	3320	4.73	cps
Cadmium	106-1	1400	1417	1567	1461	6.28	cps
Cadmium	108-1	204	163	188	185	11.35	cps
Calcium	43-1	10413	10888	10871	10724	2.52	cps
Calcium	44-1	183705	183266	182040	183004	0.47	cps
Chromium	52-2	2294	2130	2297	2240	4.25	cps
Cobalt	59-2	1950	1954	1897	1934	1.64	cps
Copper	63-2	3654	3831	3761	3748	2.37	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	42	58	50	16.67	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	50	42	17	36	48.03	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	8491945	8313868	8455408	8420407	1.12	cps
Holmium	165-2	1722173	1720075	1709100	1717116	0.41	cps
Indium	115-1	6188057	6128041	6177496	6164532	0.52	cps
Indium	115-2	250177	250162	250989	250442	0.19	cps
Iron	56-2	32817	32644	32366	32609	0.70	cps
Iron	57-2	761	828	739	776	5.96	cps
Krypton	83-1	360	370	330	353	5.89	cps
Lead	206-1	9104	8514	8998	8872	3.54	cps
Lead	207-1	8347	7936	7869	8051	3.22	cps
Lead	208-1	37033	35687	36361	36360	1.85	cps
Lithium	6-1	1133911	1132153	1148779	1138281	0.80	cps
Magnesium	24-2	16001	16527	16093	16207	1.73	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:11:17	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	387	270	283	313	20.38	cps
Molybdenum	94-1	20892	20091	20132	20372	2.21	cps
Molybdenum	95-1	23087	23396	23029	23170	0.85	cps
Molybdenum	96-1	25834	25800	26335	25990	1.15	cps
Molybdenum	97-1	14458	15051	14400	14636	2.46	cps
Molybdenum	98-1	38163	38907	36859	37976	2.73	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	720	770	810	767	5.88	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	9987	10096	10229	10104	1.20	cps
Rhodium	103-1	5752974	5683884	5768760	5735206	0.79	cps
Rhodium	103-2	1505557	1486534	1486173	1492755	0.74	cps
Scandium	45-1	3309883	3269589	3337907	3305793	1.04	cps
Scandium	45-2	23954	23794	23807	23852	0.37	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	7	19	13	13	42.85	cps
Selenium	82-1	731	752	755	746	1.74	cps
Silicon	28-1	224896	225855	224661	225137	0.28	cps
Silver	109-1	11597	11280	11539	11472	1.47	cps
Silver	107-1	12223	11672	11364	11753	3.70	cps
Sodium	23-2	41737	41729	41587	41684	0.20	cps
Strontium	86-1	3634	3401	3467	3501	3.43	cps
Strontium	88-1	24540	25575	25291	25135	2.13	cps
Sulfur	34-1	293404	292545	291679	292543	0.29	cps
Terbium	159-1	8641416	8510101	8759465	8636994	1.44	cps
Terbium	159-2	1647962	1651441	1654964	1651456	0.21	cps
Thallium	203-1	9988	11406	11823	11072	8.69	cps
Thallium	205-1	27289	27063	26412	26921	1.69	cps
Tin	118-1	38599	38598	38857	38685	0.39	cps
Titanium	47-1	5568	5318	5343	5410	2.55	cps
Uranium	238-1	33580	34750	33195	33842	2.39	cps
Vanadium	51-2	3014	3007	3134	3051	2.34	cps
Yttrium	89-1	6225858	6152759	6216822	6198480	0.64	cps
Yttrium	89-2	179449	178097	180631	179392	0.71	cps
Zinc	66-2	573	583	523	560	5.74	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:11:17	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	19006	18246	18630	18627	2.04	cps
Zirconium	91-1	4309	4176	4109	4198	2.43	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113792BL	Instrumnet Name :	P8
Client Sample ID :	PB113792BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:14:41	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	13	23	14	53.94	cps
Antimony	121-1	1784	1692	1659	1711	3.78	cps
Arsenic	75-1	158	200	150	169	15.81	cps
Barium	135-1	33	67	58	53	32.88	cps
Barium	137-1	92	100	117	103	12.38	cps
Beryllium	9-1	217	194	206	206	5.40	cps
Bismuth	209-1	5857016	5942486	5820237	5873246	1.07	cps
Bismuth	209-2	1430338	1425453	1402909	1419567	1.03	cps
Boron	10-1	1642	1383	1675	1567	10.19	cps
Boron	11-1	7477	7252	7344	7358	1.54	cps
Cadmium	111-1	999	847	792	879	12.23	cps
Cadmium	106-1	1392	1208	1092	1231	12.29	cps
Cadmium	108-1	0	17	8	8	100.02	cps
Calcium	43-1	417	325	292	344	18.79	cps
Calcium	44-1	9454	9554	8945	9317	3.50	cps
Chromium	52-2	337	320	430	362	16.37	cps
Cobalt	59-2	37	47	40	41	12.39	cps
Copper	63-2	227	263	220	237	9.86	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	0	10	13	8	89.21	cps
Gadolinium	160-1	33	42	25	33	25.01	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	8431028	8367325	8382464	8393606	0.40	cps
Holmium	165-2	1723003	1690466	1671899	1695123	1.53	cps
Indium	115-1	6174926	6154262	6101336	6143508	0.62	cps
Indium	115-2	249685	250686	247365	249245	0.68	cps
Iron	56-2	1922	1934	1972	1943	1.35	cps
Iron	57-2	33	72	56	54	36.33	cps
Krypton	83-1	330	373	327	343	7.58	cps
Lead	206-1	694	667	667	676	2.37	cps
Lead	207-1	633	622	556	604	6.97	cps
Lead	208-1	2761	2734	2667	2721	1.78	cps
Lithium	6-1	1136087	1136970	1131743	1134933	0.25	cps
Magnesium	24-2	417	358	492	422	15.83	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113792BL	Instrumnet Name :	P8
Client Sample ID :	PB113792BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:14:41	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	13	13	14	13.35	cps
Molybdenum	94-1	733	858	842	811	8.37	cps
Molybdenum	95-1	808	950	775	845	11.00	cps
Molybdenum	96-1	1075	1150	1017	1081	6.19	cps
Molybdenum	97-1	608	533	492	544	10.86	cps
Molybdenum	98-1	1534	1383	1609	1508	7.60	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	167	190	137	164	16.26	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2409	2225	2267	2300	4.18	cps
Rhodium	103-1	5708377	5669001	5636132	5671170	0.64	cps
Rhodium	103-2	1490825	1476505	1495286	1487539	0.66	cps
Scandium	45-1	3252296	3277086	3264304	3264562	0.38	cps
Scandium	45-2	24198	23887	23647	23911	1.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	22	-62	17	-8	-592.52	cps
Silicon	28-1	164122	162983	163289	163465	0.36	cps
Silver	109-1	225	192	275	231	18.19	cps
Silver	107-1	250	208	275	244	13.78	cps
Sodium	23-2	6435	6427	6552	6471	1.08	cps
Strontium	86-1	633	625	642	633	1.32	cps
Strontium	88-1	142	150	200	164	19.25	cps
Sulfur	34-1	293949	295924	290590	293488	0.92	cps
Terbium	159-1	8597964	8580223	8429475	8535887	1.08	cps
Terbium	159-2	1661855	1622097	1616057	1633336	1.52	cps
Thallium	203-1	958	1042	917	972	6.55	cps
Thallium	205-1	2092	2225	2234	2184	3.64	cps
Tin	118-1	1559	1317	1409	1428	8.54	cps
Titanium	47-1	75	100	150	108	35.25	cps
Uranium	238-1	108	133	83	108	23.08	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	6230177	6057718	6170725	6152873	1.42	cps
Yttrium	89-2	181177	179607	178004	179596	0.88	cps
Zinc	66-2	100	93	107	100	6.66	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113792BL	Instrumnet Name :	P8
Client Sample ID :	PB113792BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:14:41	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1300	1175	1175	1217	5.93	cps
Zirconium	91-1	167	183	325	225	38.67	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113792BS	Instrumnet Name :	P8
Client Sample ID :	PB113792BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:18:04	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63182	63602	63092	63292	0.43	cps
Antimony	121-1	5212188	5241599	5268920	5240902	0.54	cps
Arsenic	75-1	1172127	1176524	1189243	1179298	0.75	cps
Barium	135-1	5533875	5544667	5593186	5557243	0.57	cps
Barium	137-1	9738514	9656100	9914807	9769807	1.35	cps
Beryllium	9-1	640459	642647	645315	642807	0.38	cps
Bismuth	209-1	5736597	5715123	5941968	5797896	2.16	cps
Bismuth	209-2	1401094	1335388	1396343	1377608	2.66	cps
Boron	10-1	70365	72685	74335	72462	2.75	cps
Boron	11-1	346727	354607	364698	355344	2.54	cps
Cadmium	111-1	1136553	1150400	1153858	1146937	0.80	cps
Cadmium	106-1	119836	119333	120300	119823	0.40	cps
Cadmium	108-1	81423	81495	81947	81622	0.35	cps
Calcium	43-1	1030492	1040146	1045219	1038619	0.72	cps
Calcium	44-1	16912940	17011411	17101043	17008465	0.55	cps
Chromium	52-2	406724	405014	405728	405822	0.21	cps
Cobalt	59-2	904990	897647	894485	899041	0.60	cps
Copper	63-2	1603443	1592443	1591678	1595855	0.41	cps
Dysprosium	156-1	92	67	83	81	15.80	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	25	17	42	28	45.82	cps
Erbium	164-2	0	13	0	4	173.21	cps
Gadolinium	160-1	50	25	92	56	60.62	cps
Gadolinium	160-2	7	13	20	13	49.99	cps
Holmium	165-1	8409379	8393933	8669356	8490889	1.82	cps
Holmium	165-2	1735497	1622152	1711983	1689877	3.54	cps
Indium	115-1	5941391	5979657	6086269	6002439	1.25	cps
Indium	115-2	242499	227260	240246	236669	3.48	cps
Iron	56-2	14190209	14030900	14066134	14095748	0.59	cps
Iron	57-2	356736	351886	355454	354692	0.71	cps
Krypton	83-1	290	353	323	322	9.83	cps
Lead	206-1	3829772	3843997	3897884	3857217	0.93	cps
Lead	207-1	3528001	3552391	3571058	3550483	0.61	cps
Lead	208-1	15797522	15820887	15925382	15847930	0.43	cps
Lithium	6-1	1136636	1132740	1139948	1136441	0.32	cps
Magnesium	24-2	1519122	1530433	1502741	1517432	0.92	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113792BS	Instrumnet Name :	P8
Client Sample ID :	PB113792BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:18:04	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	238554	236152	236453	237053	0.55	cps
Molybdenum	94-1	8609141	8581762	8669482	8620128	0.52	cps
Molybdenum	95-1	10558834	10541403	10675563	10591933	0.69	cps
Molybdenum	96-1	11709384	11751223	11892989	11784532	0.82	cps
Molybdenum	97-1	6592487	6639407	6697360	6643085	0.79	cps
Molybdenum	98-1	17114708	17111197	17157379	17127761	0.15	cps
Neodymium	150-1	253	233	300	262	13.05	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	264906	264210	265792	264969	0.30	cps
Phosphorus	31-2	4026	3876	4226	4042	4.34	cps
Potassium	39-2	370342	365548	367281	367724	0.66	cps
Rhodium	103-1	5501387	5415483	5614607	5510492	1.81	cps
Rhodium	103-2	1439929	1365304	1437486	1414240	3.00	cps
Scandium	45-1	3257598	3216785	3321040	3265141	1.61	cps
Scandium	45-2	23991	22562	24311	23621	3.94	cps
Selenium	77-2	347	373	340	353	4.99	cps
Selenium	78-2	1295	1145	1202	1214	6.24	cps
Selenium	82-1	65514	66322	67040	66292	1.15	cps
Silicon	28-1	2177649	2196367	2200136	2191384	0.55	cps
Silver	109-1	5303887	5355893	5378372	5346051	0.71	cps
Silver	107-1	5519879	5493431	5544808	5519373	0.47	cps
Sodium	23-2	3315644	3285525	3295814	3298994	0.46	cps
Strontium	86-1	1296038	1308548	1314483	1306356	0.72	cps
Strontium	88-1	11274876	11411288	11405998	11364054	0.68	cps
Sulfur	34-1	568796	565989	569744	568176	0.34	cps
Terbium	159-1	8530991	8562299	8745833	8613041	1.35	cps
Terbium	159-2	1654961	1571648	1630125	1618911	2.64	cps
Thallium	203-1	4741456	4796537	4907436	4815143	1.76	cps
Thallium	205-1	11234858	11383567	11590374	11402933	1.57	cps
Tin	118-1	3606400	3651757	3659114	3639090	0.78	cps
Titanium	47-1	2533141	2549954	2526570	2536555	0.48	cps
Uranium	238-1	16014736	16176999	16224369	16138701	0.68	cps
Vanadium	51-2	300228	298549	299020	299266	0.29	cps
Yttrium	89-1	6072866	6128039	6189284	6130063	0.95	cps
Yttrium	89-2	179857	170454	180327	176879	3.15	cps
Zinc	66-2	147956	145961	147329	147082	0.69	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113792BS	Instrumnet Name :	P8
Client Sample ID :	PB113792BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:18:04	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7092392	7189453	7177363	7153069	0.74	cps
Zirconium	91-1	1611219	1588335	1631372	1610308	1.34	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:21:17	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	353	363	370	362	2.43	cps
Antimony	121-1	11130	10621	10238	10663	4.20	cps
Arsenic	75-1	8111	8620	8945	8559	4.91	cps
Barium	135-1	4776	4659	4318	4584	5.20	cps
Barium	137-1	8086	7411	8086	7861	4.96	cps
Beryllium	9-1	633	594	544	591	7.54	cps
Bismuth	209-1	6585840	6594978	6557899	6579572	0.29	cps
Bismuth	209-2	1542214	1536211	1534024	1537483	0.28	cps
Boron	10-1	4868	4326	4084	4426	9.07	cps
Boron	11-1	21809	21158	19673	20880	5.24	cps
Cadmium	111-1	1324	1201	1194	1240	5.92	cps
Cadmium	106-1	1333	1392	1300	1342	3.46	cps
Cadmium	108-1	25	33	29	29	14.28	cps
Calcium	43-1	196575	195654	190924	194384	1.56	cps
Calcium	44-1	3222795	3189079	3156338	3189404	1.04	cps
Chromium	52-2	1143	1217	1173	1178	3.13	cps
Cobalt	59-2	663	657	713	678	4.57	cps
Copper	63-2	13246	13180	13453	13293	1.07	cps
Dysprosium	156-1	400	317	467	394	19.05	cps
Dysprosium	156-2	107	107	73	96	20.14	cps
Erbium	164-1	333	300	317	317	5.26	cps
Erbium	164-2	83	63	63	70	16.50	cps
Gadolinium	160-1	508	408	383	433	15.27	cps
Gadolinium	160-2	77	117	83	92	23.24	cps
Holmium	165-1	9384394	9299479	9159753	9281209	1.22	cps
Holmium	165-2	1801072	1814161	1813635	1809623	0.41	cps
Indium	115-1	6886242	6819282	6764367	6823297	0.89	cps
Indium	115-2	265153	262052	261927	263044	0.69	cps
Iron	56-2	6468	6290	6185	6315	2.27	cps
Iron	57-2	133	167	167	156	12.37	cps
Krypton	83-1	337	333	310	327	4.45	cps
Lead	206-1	317136	316641	313447	315741	0.63	cps
Lead	207-1	273145	273829	272171	273048	0.31	cps
Lead	208-1	1264310	1266182	1252856	1261116	0.57	cps
Lithium	6-1	1276690	1233883	1255449	1255341	1.71	cps
Magnesium	24-2	41169	41069	39172	40470	2.78	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:21:17	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	407	383	393	394	2.97	cps
Molybdenum	94-1	3242	2675	2809	2909	10.19	cps
Molybdenum	95-1	5126	4393	4109	4543	11.55	cps
Molybdenum	96-1	5535	4568	3992	4698	16.59	cps
Molybdenum	97-1	3034	2667	2500	2734	9.98	cps
Molybdenum	98-1	7936	7944	6168	7350	13.92	cps
Neodymium	150-1	533	607	467	536	13.08	cps
Neodymium	150-2	63	83	50	66	25.60	cps
Nickel	60-2	2824	2660	2790	2758	3.13	cps
Phosphorus	31-2	92	150	158	133	27.24	cps
Potassium	39-2	33791	33458	34577	33942	1.69	cps
Rhodium	103-1	6288977	6245086	6200821	6244962	0.71	cps
Rhodium	103-2	1589575	1590961	1571298	1583945	0.69	cps
Scandium	45-1	3560986	3534486	3504421	3533298	0.80	cps
Scandium	45-2	24465	24972	24638	24692	1.04	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-3	-12	38	7	359.85	cps
Silicon	28-1	15422931	15293139	15027380	15247817	1.32	cps
Silver	109-1	2284	2334	2684	2434	8.96	cps
Silver	107-1	2242	2392	3059	2564	16.96	cps
Sodium	23-2	350145	347682	343078	346968	1.03	cps
Strontium	86-1	97061	97321	96616	96999	0.37	cps
Strontium	88-1	841346	839207	836282	838945	0.30	cps
Sulfur	34-1	309352	302210	297529	303031	1.96	cps
Terbium	159-1	9579630	9490257	9401682	9490523	0.94	cps
Terbium	159-2	1741391	1761006	1753245	1751881	0.56	cps
Thallium	203-1	4960	4501	5018	4826	5.87	cps
Thallium	205-1	11915	12181	11756	11951	1.80	cps
Tin	118-1	13140	12923	11731	12598	6.02	cps
Titanium	47-1	858	700	692	750	12.52	cps
Uranium	238-1	4601	4168	4001	4256	7.28	cps
Vanadium	51-2	90	120	93	101	16.26	cps
Yttrium	89-1	6757992	6731293	6644703	6711329	0.88	cps
Yttrium	89-2	187751	187772	186092	187205	0.51	cps
Zinc	66-2	5131	5141	4971	5081	1.88	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:21:17	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1042	1167	1000	1070	8.11	cps
Zirconium	91-1	183	233	225	214	12.53	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : J5396-01DUP Instrumnet Name : P8
 Client Sample ID : 381003737-PBCU185DU Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 13:24:39 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	378	360	345	361	4.51	cps
Antimony	121-1	4343	4459	4493	4432	1.78	cps
Arsenic	75-1	9587	10479	10321	10129	4.70	cps
Barium	135-1	4359	4193	4518	4356	3.73	cps
Barium	137-1	8203	7202	7369	7591	7.06	cps
Beryllium	9-1	450	400	394	415	7.38	cps
Bismuth	209-1	6642851	6630169	6609881	6627633	0.25	cps
Bismuth	209-2	1541213	1486664	1508155	1512011	1.82	cps
Boron	10-1	2609	2534	2575	2573	1.46	cps
Boron	11-1	12648	13156	12431	12745	2.92	cps
Cadmium	111-1	1160	1101	1090	1117	3.35	cps
Cadmium	106-1	1358	1292	1142	1264	8.78	cps
Cadmium	108-1	29	4	25	19	68.87	cps
Calcium	43-1	189519	185224	183771	186172	1.61	cps
Calcium	44-1	3086511	3035128	3068459	3063366	0.85	cps
Chromium	52-2	1183	1213	1213	1203	1.44	cps
Cobalt	59-2	673	630	547	617	10.44	cps
Copper	63-2	13036	12766	12960	12921	1.08	cps
Dysprosium	156-1	342	383	433	386	11.89	cps
Dysprosium	156-2	70	70	100	80	21.65	cps
Erbium	164-1	358	350	342	350	2.38	cps
Erbium	164-2	50	97	63	70	34.34	cps
Gadolinium	160-1	342	425	350	372	12.33	cps
Gadolinium	160-2	113	80	100	98	17.16	cps
Holmium	165-1	9202068	9257972	9202615	9220885	0.35	cps
Holmium	165-2	1817908	1732766	1790720	1780465	2.44	cps
Indium	115-1	6723848	6665886	6734407	6708047	0.55	cps
Indium	115-2	260031	248931	254771	254578	2.18	cps
Iron	56-2	5535	5335	5279	5383	2.50	cps
Iron	57-2	106	150	111	122	19.82	cps
Krypton	83-1	380	300	373	351	12.64	cps
Lead	206-1	310209	312073	309758	310680	0.39	cps
Lead	207-1	272039	269309	266661	269336	1.00	cps
Lead	208-1	1253235	1247282	1244235	1248251	0.37	cps
Lithium	6-1	1243154	1244656	1222833	1236881	0.99	cps
Magnesium	24-2	39489	39548	39547	39528	0.09	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : J5396-01DUP Instrumnet Name : P8
 Client Sample ID : 381003737-PBCU185DU Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 13:24:39 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	403	387	340	377	8.72	cps
Molybdenum	94-1	1133	1158	842	1045	16.86	cps
Molybdenum	95-1	1558	1292	1258	1370	12.01	cps
Molybdenum	96-1	1742	1550	1592	1628	6.19	cps
Molybdenum	97-1	1092	992	825	970	13.90	cps
Molybdenum	98-1	2342	2350	2209	2300	3.46	cps
Neodymium	150-1	587	513	513	538	7.87	cps
Neodymium	150-2	50	50	63	54	14.14	cps
Nickel	60-2	2647	2664	2617	2643	0.90	cps
Phosphorus	31-2	100	117	125	114	11.18	cps
Potassium	39-2	32881	32413	31402	32232	2.34	cps
Rhodium	103-1	6153007	6132333	6066574	6117305	0.74	cps
Rhodium	103-2	1575368	1514370	1542202	1543980	1.98	cps
Scandium	45-1	3450544	3442290	3416785	3436540	0.51	cps
Scandium	45-2	24488	23203	23213	23635	3.13	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-17	42	-49	-8	-581.73	cps
Silicon	28-1	14817302	14647978	14516421	14660567	1.03	cps
Silver	109-1	2509	2350	2709	2523	7.12	cps
Silver	107-1	2375	2542	2709	2542	6.56	cps
Sodium	23-2	330494	333993	331835	332107	0.53	cps
Strontium	86-1	95625	93469	93922	94339	1.21	cps
Strontium	88-1	824686	819664	809478	817942	0.95	cps
Sulfur	34-1	288278	285333	288075	287229	0.57	cps
Terbium	159-1	9424719	9388493	9430402	9414538	0.24	cps
Terbium	159-2	1743778	1666705	1732717	1714400	2.43	cps
Thallium	203-1	2050	2234	2517	2267	10.37	cps
Thallium	205-1	4926	5001	5368	5099	4.64	cps
Tin	118-1	11330	11347	11122	11266	1.11	cps
Titanium	47-1	575	667	625	622	7.38	cps
Uranium	238-1	3334	3584	3751	3556	5.90	cps
Vanadium	51-2	80	83	93	86	8.12	cps
Yttrium	89-1	6579617	6533597	6557021	6556745	0.35	cps
Yttrium	89-2	184022	177881	182543	181482	1.77	cps
Zinc	66-2	5038	5151	4721	4970	4.49	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01DUP	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185DU	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:24:39	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	750	875	925	850	10.60	cps
Zirconium	91-1	175	192	142	169	15.03	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01LX5	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-12 13:28:01	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	48	55	62	29.89	cps
Antimony	121-1	3167	2684	2742	2864	9.21	cps
Arsenic	75-1	3159	3417	3301	3292	3.93	cps
Barium	135-1	892	917	775	861	8.78	cps
Barium	137-1	1525	1275	1508	1436	9.73	cps
Beryllium	9-1	206	222	278	235	16.08	cps
Bismuth	209-1	6070616	6065829	6034469	6056971	0.32	cps
Bismuth	209-2	1426214	1372333	1393521	1397356	1.94	cps
Boron	10-1	1533	1417	1542	1497	4.67	cps
Boron	11-1	6710	6560	6652	6641	1.14	cps
Cadmium	111-1	797	852	867	839	4.37	cps
Cadmium	106-1	1050	1142	1175	1122	5.77	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Calcium	43-1	34518	35086	35220	34942	1.07	cps
Calcium	44-1	578858	585123	572028	578669	1.13	cps
Chromium	52-2	453	490	477	473	3.92	cps
Cobalt	59-2	133	153	130	139	9.09	cps
Copper	63-2	2810	2800	2677	2763	2.69	cps
Dysprosium	156-1	92	58	58	69	27.71	cps
Dysprosium	156-2	20	17	7	14	48.02	cps
Erbium	164-1	42	58	92	64	39.85	cps
Erbium	164-2	17	7	17	13	43.29	cps
Gadolinium	160-1	100	67	158	108	42.83	cps
Gadolinium	160-2	17	27	27	23	24.74	cps
Holmium	165-1	8494447	8480749	8481142	8485446	0.09	cps
Holmium	165-2	1711211	1641373	1666099	1672895	2.12	cps
Indium	115-1	6099137	6098998	6145684	6114606	0.44	cps
Indium	115-2	244874	233805	236364	238347	2.43	cps
Iron	56-2	2017	2017	2011	2015	0.16	cps
Iron	57-2	67	56	11	44	66.15	cps
Krypton	83-1	347	390	383	373	6.25	cps
Lead	206-1	60098	59596	59824	59839	0.42	cps
Lead	207-1	50991	51320	50567	50960	0.74	cps
Lead	208-1	237714	237789	236036	237180	0.42	cps
Lithium	6-1	1114862	1105751	1105125	1108579	0.49	cps
Magnesium	24-2	7844	8153	7586	7861	3.61	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01LX5	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-12 13:28:01	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	107	107	92	27.13	cps
Molybdenum	94-1	742	1008	833	861	15.73	cps
Molybdenum	95-1	683	850	1050	861	21.32	cps
Molybdenum	96-1	825	892	933	883	6.19	cps
Molybdenum	97-1	550	592	508	550	7.58	cps
Molybdenum	98-1	1217	1142	1342	1233	8.19	cps
Neodymium	150-1	120	133	80	111	24.98	cps
Neodymium	150-2	17	10	20	16	32.73	cps
Nickel	60-2	667	657	637	653	2.34	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	8153	7828	7486	7822	4.26	cps
Rhodium	103-1	5596724	5573362	5662027	5610704	0.82	cps
Rhodium	103-2	1456190	1382512	1409411	1416038	2.63	cps
Scandium	45-1	3153896	3178362	3137685	3156648	0.65	cps
Scandium	45-2	21770	21547	21226	21514	1.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	2	2	5	108.30	cps
Selenium	82-1	8	-52	-64	-36	-106.35	cps
Silicon	28-1	2883055	2901346	2931896	2905432	0.85	cps
Silver	109-1	1000	1008	1025	1011	1.26	cps
Silver	107-1	1092	1108	1000	1067	5.47	cps
Sodium	23-2	69905	67754	70006	69222	1.84	cps
Strontium	86-1	17938	18405	18054	18132	1.34	cps
Strontium	88-1	154304	154677	153447	154142	0.41	cps
Sulfur	34-1	250481	250891	249696	250356	0.24	cps
Terbium	159-1	8661378	8717437	8687283	8688699	0.32	cps
Terbium	159-2	1641500	1549902	1584602	1592001	2.90	cps
Thallium	203-1	767	758	742	756	1.69	cps
Thallium	205-1	1967	1800	1609	1792	10.01	cps
Tin	118-1	2817	2775	2734	2775	1.50	cps
Titanium	47-1	208	225	200	211	6.03	cps
Uranium	238-1	833	692	842	789	10.69	cps
Vanadium	51-2	33	10	27	23	51.50	cps
Yttrium	89-1	6050300	6088911	6019643	6052951	0.57	cps
Yttrium	89-2	171974	165478	167949	168467	1.95	cps
Zinc	66-2	947	1053	897	966	8.29	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01LX5	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-12 13:28:01	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	842	692	817	783	10.26	cps
Zirconium	91-1	158	158	200	172	13.97	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : J5396-01MS Instrumnet Name : P8
 Client Sample ID : 381003737-PBCU185MS Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 13:31:25 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12263	11988	11891	12047	1.61	cps
Antimony	121-1	8318432	8202224	8104212	8208290	1.31	cps
Arsenic	75-1	2006525	1975181	1978819	1986841	0.86	cps
Barium	135-1	484060	484283	484938	484427	0.09	cps
Barium	137-1	857627	853719	855122	855489	0.23	cps
Beryllium	9-1	268321	262833	262497	264550	1.24	cps
Bismuth	209-1	6612850	6594586	6581605	6596347	0.24	cps
Bismuth	209-2	1521339	1512837	1509160	1514445	0.41	cps
Boron	10-1	45783	45523	47889	46398	2.80	cps
Boron	11-1	220234	226246	227814	224764	1.78	cps
Cadmium	111-1	502119	494046	497685	497950	0.81	cps
Cadmium	106-1	44859	44917	46515	45430	2.07	cps
Cadmium	108-1	32239	32314	31875	32143	0.73	cps
Calcium	43-1	203903	202871	198342	201705	1.47	cps
Calcium	44-1	3336074	3334191	3276786	3315684	1.02	cps
Chromium	52-2	315732	312133	313997	313954	0.57	cps
Cobalt	59-2	365743	362161	358928	362277	0.94	cps
Copper	63-2	504302	497002	495955	499086	0.91	cps
Dysprosium	156-1	431379	431455	434692	432509	0.44	cps
Dysprosium	156-2	8149	8343	8176	8223	1.28	cps
Erbium	164-1	283	442	483	403	26.20	cps
Erbium	164-2	60	60	80	67	17.32	cps
Gadolinium	160-1	433	475	608	506	18.08	cps
Gadolinium	160-2	107	117	107	110	5.25	cps
Holmium	165-1	9300910	9323783	9264624	9296439	0.32	cps
Holmium	165-2	1792684	1788429	1810099	1797071	0.64	cps
Indium	115-1	6549140	6490398	6521822	6520453	0.45	cps
Indium	115-2	247469	245358	244766	245864	0.58	cps
Iron	56-2	1711451	1671826	1701977	1695085	1.22	cps
Iron	57-2	41802	42125	41373	41767	0.90	cps
Krypton	83-1	317	353	313	328	6.77	cps
Lead	206-1	8911304	8851168	8821471	8861314	0.52	cps
Lead	207-1	8054424	7972563	7903355	7976781	0.95	cps
Lead	208-1	36523610	36226117	35980148	36243292	0.75	cps
Lithium	6-1	1216390	1223999	1215727	1218705	0.38	cps
Magnesium	24-2	94162	93908	93255	93775	0.50	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : J5396-01MS Instrumnet Name : P8
 Client Sample ID : 381003737-PBCU185MS Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 13:31:25 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	46263	45200	45738	45734	1.16	cps
Molybdenum	94-1	985594	979814	975696	980368	0.51	cps
Molybdenum	95-1	1744296	1751946	1708814	1735018	1.33	cps
Molybdenum	96-1	1881055	1884729	1886449	1884078	0.15	cps
Molybdenum	97-1	1075723	1081041	1061081	1072615	0.96	cps
Molybdenum	98-1	2848282	2842411	2811402	2834032	0.70	cps
Neodymium	150-1	513	473	487	491	4.15	cps
Neodymium	150-2	53	70	60	61	13.73	cps
Nickel	60-2	271571	268779	268231	269527	0.66	cps
Phosphorus	31-2	2359	2334	2350	2348	0.54	cps
Potassium	39-2	172746	170833	168649	170743	1.20	cps
Rhodium	103-1	6080253	6117720	6005569	6067847	0.94	cps
Rhodium	103-2	1561654	1523558	1519269	1534827	1.52	cps
Scandium	45-1	3397178	3368806	3397161	3387715	0.48	cps
Scandium	45-2	22992	23163	23169	23108	0.43	cps
Selenium	77-2	1363	1350	1293	1336	2.78	cps
Selenium	78-2	4964	4738	4788	4830	2.46	cps
Selenium	82-1	287884	285678	285297	286286	0.49	cps
Silicon	28-1	18002882	17813250	17762123	17859418	0.71	cps
Silver	109-1	840694	837519	835298	837837	0.32	cps
Silver	107-1	869808	871685	873311	871601	0.20	cps
Sodium	23-2	507900	502956	501967	504274	0.63	cps
Strontium	86-1	633806	628181	623589	628525	0.81	cps
Strontium	88-1	5579331	5508400	5490507	5526079	0.85	cps
Sulfur	34-1	277159	272846	273344	274450	0.86	cps
Terbium	159-1	9571034	9393486	9339638	9434719	1.28	cps
Terbium	159-2	1725900	1743290	1711781	1726991	0.91	cps
Thallium	203-1	21017647	20939623	20926243	20961171	0.24	cps
Thallium	205-1	50511349	50385578	49967576	50288168	0.57	cps
Tin	118-1	5327542	5289767	5188473	5268594	1.36	cps
Titanium	47-1	204260	200387	199687	201444	1.22	cps
Uranium	238-1	3467	3626	3142	3412	7.22	cps
Vanadium	51-2	175420	172589	171559	173189	1.15	cps
Yttrium	89-1	6684006	6557879	6494596	6578827	1.47	cps
Yttrium	89-2	182079	179769	179066	180305	0.87	cps
Zinc	66-2	35469	35091	34092	34884	2.04	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01MS	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:31:25	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14959	10488	9404	11617	25.35	cps
Zirconium	91-1	4126	3167	2617	3303	23.11	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : J5396-01MSD Instrumnet Name : P8
 Client Sample ID : 381003737-PBCU185MS Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 13:34:42 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11883	11775	11495	11718	1.71	cps
Antimony	121-1	8213150	8133806	8075541	8140832	0.85	cps
Arsenic	75-1	1962042	1962685	1949864	1958197	0.37	cps
Barium	135-1	483440	477609	482592	481214	0.65	cps
Barium	137-1	856579	843723	846486	848929	0.80	cps
Beryllium	9-1	263253	261328	262500	262361	0.37	cps
Bismuth	209-1	6573906	6587935	6559947	6573929	0.21	cps
Bismuth	209-2	1534314	1513677	1502778	1516923	1.06	cps
Boron	10-1	45649	46912	45916	46159	1.44	cps
Boron	11-1	224423	227484	227763	226556	0.82	cps
Cadmium	111-1	497071	490584	489131	492262	0.86	cps
Cadmium	106-1	45645	45704	43462	44937	2.84	cps
Cadmium	108-1	32368	31591	32427	32129	1.45	cps
Calcium	43-1	201813	199363	195212	198796	1.68	cps
Calcium	44-1	3281611	3272945	3246817	3267125	0.55	cps
Chromium	52-2	309171	305683	303702	306185	0.90	cps
Cobalt	59-2	358149	350100	351193	353147	1.24	cps
Copper	63-2	493653	489239	487763	490218	0.63	cps
Dysprosium	156-1	432844	431872	429845	431520	0.35	cps
Dysprosium	156-2	8366	8213	7956	8178	2.53	cps
Erbium	164-1	325	408	442	392	15.34	cps
Erbium	164-2	110	77	43	77	43.48	cps
Gadolinium	160-1	658	442	500	533	21.02	cps
Gadolinium	160-2	130	60	63	84	46.76	cps
Holmium	165-1	9298944	9187759	9258682	9248462	0.61	cps
Holmium	165-2	1822221	1780504	1790227	1797651	1.21	cps
Indium	115-1	6456321	6416141	6403088	6425183	0.43	cps
Indium	115-2	246759	242827	241671	243752	1.09	cps
Iron	56-2	1655115	1651737	1654030	1653627	0.10	cps
Iron	57-2	41278	39880	40994	40717	1.82	cps
Krypton	83-1	303	303	393	333	15.59	cps
Lead	206-1	8952199	8892291	8796584	8880358	0.88	cps
Lead	207-1	8061040	7993836	7897365	7984080	1.03	cps
Lead	208-1	36688657	36489785	35994944	36391129	0.98	cps
Lithium	6-1	1211073	1183701	1197502	1197425	1.14	cps
Magnesium	24-2	94019	91737	91033	92263	1.69	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01MSD	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:34:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	45929	45226	44718	45291	1.34	cps
Molybdenum	94-1	970358	962113	961207	964559	0.52	cps
Molybdenum	95-1	1730264	1735835	1741394	1735831	0.32	cps
Molybdenum	96-1	1887784	1863935	1873306	1875008	0.64	cps
Molybdenum	97-1	1072465	1058881	1055757	1062367	0.84	cps
Molybdenum	98-1	2823838	2790191	2790945	2801658	0.69	cps
Neodymium	150-1	580	520	600	567	7.35	cps
Neodymium	150-2	77	53	103	78	32.17	cps
Nickel	60-2	266078	262525	262621	263742	0.77	cps
Phosphorus	31-2	2200	2417	2425	2348	5.43	cps
Potassium	39-2	166472	162040	163246	163919	1.40	cps
Rhodium	103-1	6007437	5949908	5965995	5974447	0.50	cps
Rhodium	103-2	1514753	1537260	1493673	1515229	1.44	cps
Scandium	45-1	3319576	3328103	3279648	3309109	0.78	cps
Scandium	45-2	22875	22061	22198	22378	1.95	cps
Selenium	77-2	1287	1323	1273	1295	2.00	cps
Selenium	78-2	4745	4458	4816	4673	4.05	cps
Selenium	82-1	284814	281916	281417	282715	0.65	cps
Silicon	28-1	17649804	17442714	17412278	17501599	0.74	cps
Silver	109-1	839141	833592	821857	831530	1.06	cps
Silver	107-1	870959	863100	862918	865659	0.53	cps
Sodium	23-2	496999	493477	486429	492302	1.09	cps
Strontium	86-1	623337	622272	621055	622221	0.18	cps
Strontium	88-1	5448890	5402764	5399478	5417044	0.51	cps
Sulfur	34-1	266664	267896	264185	266248	0.71	cps
Terbium	159-1	9396549	9349128	9361175	9368951	0.26	cps
Terbium	159-2	1755166	1726963	1693969	1725366	1.78	cps
Thallium	203-1	21226192	20952831	20758140	20979054	1.12	cps
Thallium	205-1	50876508	50423301	49976112	50425307	0.89	cps
Tin	118-1	5266836	5209385	5267373	5247865	0.64	cps
Titanium	47-1	201816	196486	198742	199015	1.34	cps
Uranium	238-1	3709	3409	3676	3598	4.57	cps
Vanadium	51-2	169846	168031	165478	167785	1.31	cps
Yttrium	89-1	6528187	6455829	6456463	6480160	0.64	cps
Yttrium	89-2	177823	176247	175401	176491	0.70	cps
Zinc	66-2	34724	34149	33574	34149	1.68	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01MSD	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:34:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4893	4234	3984	4370	10.74	cps
Zirconium	91-1	1675	1492	1233	1467	15.13	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01A	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:38:00	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11375	11355	11310	11347	0.29	cps
Antimony	121-1	8217161	8068164	7911705	8065677	1.89	cps
Arsenic	75-1	1956611	1943556	1927425	1942531	0.75	cps
Barium	135-1	477947	481504	474361	477937	0.75	cps
Barium	137-1	853141	843075	839233	845150	0.85	cps
Beryllium	9-1	257658	255078	253948	255561	0.74	cps
Bismuth	209-1	6655889	6537576	6546759	6580075	1.00	cps
Bismuth	209-2	1514569	1501825	1501635	1506010	0.49	cps
Boron	10-1	46501	46451	46067	46340	0.51	cps
Boron	11-1	220953	224885	228212	224683	1.62	cps
Cadmium	111-1	490005	491327	483589	488307	0.85	cps
Cadmium	106-1	45043	45411	44809	45087	0.67	cps
Cadmium	108-1	32832	32143	31625	32200	1.88	cps
Calcium	43-1	196754	194614	192807	194725	1.01	cps
Calcium	44-1	3201655	3199054	3173876	3191528	0.48	cps
Chromium	52-2	303694	303262	297807	301588	1.09	cps
Cobalt	59-2	352408	348278	345953	348880	0.94	cps
Copper	63-2	486252	480313	477969	481511	0.89	cps
Dysprosium	156-1	429703	427993	429583	429093	0.22	cps
Dysprosium	156-2	8500	7943	7993	8145	3.78	cps
Erbium	164-1	442	300	275	339	26.52	cps
Erbium	164-2	77	47	110	78	40.73	cps
Gadolinium	160-1	467	533	483	494	7.02	cps
Gadolinium	160-2	67	133	103	101	33.02	cps
Holmium	165-1	9251265	9159764	9042823	9151284	1.14	cps
Holmium	165-2	1808717	1752587	1781779	1781028	1.58	cps
Indium	115-1	6442260	6360032	6321066	6374453	0.97	cps
Indium	115-2	243551	237487	236813	239283	1.55	cps
Iron	56-2	1641409	1637658	1599491	1626186	1.43	cps
Iron	57-2	40911	40442	39807	40387	1.37	cps
Krypton	83-1	353	340	293	329	9.58	cps
Lead	206-1	8951365	8849122	8775903	8858797	0.99	cps
Lead	207-1	8073055	7951788	7902127	7975657	1.10	cps
Lead	208-1	36754582	36230429	36043153	36342722	1.01	cps
Lithium	6-1	1187906	1183348	1184935	1185396	0.20	cps
Magnesium	24-2	91746	89892	90001	90546	1.15	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01A	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:38:00	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43287	44267	42802	43452	1.72	cps
Molybdenum	94-1	968329	957642	948139	958037	1.05	cps
Molybdenum	95-1	1720590	1708073	1686172	1704945	1.02	cps
Molybdenum	96-1	1875365	1815908	1815144	1835472	1.88	cps
Molybdenum	97-1	1054049	1052446	1044863	1050452	0.47	cps
Molybdenum	98-1	2808299	2791262	2729632	2776398	1.49	cps
Neodymium	150-1	633	453	500	529	17.66	cps
Neodymium	150-2	110	70	83	88	23.20	cps
Nickel	60-2	260889	260070	256773	259244	0.84	cps
Phosphorus	31-2	2309	2517	2109	2311	8.84	cps
Potassium	39-2	162529	162248	159696	161491	0.97	cps
Rhodium	103-1	6012668	5882146	5913874	5936229	1.15	cps
Rhodium	103-2	1497829	1491890	1475055	1488258	0.79	cps
Scandium	45-1	3256509	3252288	3241889	3250229	0.23	cps
Scandium	45-2	21790	22508	21760	22020	1.92	cps
Selenium	77-2	1337	1253	1353	1315	4.08	cps
Selenium	78-2	4730	4682	4453	4622	3.21	cps
Selenium	82-1	281518	281170	277714	280134	0.75	cps
Silicon	28-1	17385549	17306914	17030699	17241054	1.08	cps
Silver	109-1	833978	825540	819279	826266	0.89	cps
Silver	107-1	869706	861606	854305	861872	0.89	cps
Sodium	23-2	480120	478931	478815	479289	0.15	cps
Strontium	86-1	622158	616023	610885	616356	0.92	cps
Strontium	88-1	5447958	5438410	5354395	5413588	0.95	cps
Sulfur	34-1	260526	258954	259586	259688	0.30	cps
Terbium	159-1	9317141	9372866	9360107	9350038	0.31	cps
Terbium	159-2	1711429	1706926	1698935	1705763	0.37	cps
Thallium	203-1	21176129	20920798	21008742	21035223	0.62	cps
Thallium	205-1	50992773	50204505	50078896	50425391	0.98	cps
Tin	118-1	5244109	5264301	5177195	5228535	0.87	cps
Titanium	47-1	195016	195380	193831	194742	0.42	cps
Uranium	238-1	3617	3384	3509	3503	3.33	cps
Vanadium	51-2	166010	166097	164634	165580	0.50	cps
Yttrium	89-1	6443244	6377047	6375527	6398606	0.60	cps
Yttrium	89-2	176039	172642	171798	173493	1.29	cps
Zinc	66-2	34490	33247	32535	33424	2.96	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-01A	Instrumnet Name :	P8
Client Sample ID :	381003737-PBCU185A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:38:00	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3084	3309	2892	3095	6.74	cps
Zirconium	91-1	1350	1275	1050	1225	12.74	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-02	Instrumnet Name :	P8
Client Sample ID :	381003738-PBCU36A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:41:18	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3214	3389	3221	3275	3.02	cps
Antimony	121-1	28456	28640	27103	28066	2.99	cps
Arsenic	75-1	14425	15159	15209	14931	2.94	cps
Barium	135-1	13591	13516	13032	13380	2.27	cps
Barium	137-1	23154	24190	22862	23402	2.98	cps
Beryllium	9-1	3828	3389	3328	3515	7.76	cps
Bismuth	209-1	6788369	6796747	6755963	6780360	0.32	cps
Bismuth	209-2	1545944	1550192	1536440	1544192	0.46	cps
Boron	10-1	4543	4209	4301	4351	3.96	cps
Boron	11-1	22009	21801	20415	21408	4.05	cps
Cadmium	111-1	6331	6232	6163	6242	1.35	cps
Cadmium	106-1	1842	1892	1700	1811	5.49	cps
Cadmium	108-1	400	396	379	392	2.82	cps
Calcium	43-1	189251	190297	188135	189228	0.57	cps
Calcium	44-1	3146790	3118336	3132358	3132495	0.45	cps
Chromium	52-2	1477	1467	1420	1455	2.08	cps
Cobalt	59-2	297253	297875	295832	296987	0.35	cps
Copper	63-2	1743654	1732770	1709587	1728670	1.01	cps
Dysprosium	156-1	31798	31898	30562	31419	2.37	cps
Dysprosium	156-2	6782	6932	7319	7011	3.95	cps
Erbium	164-1	23789	24499	24791	24360	2.12	cps
Erbium	164-2	4401	4301	4548	4416	2.81	cps
Gadolinium	160-1	31973	33252	32667	32631	1.96	cps
Gadolinium	160-2	8219	8213	8289	8241	0.52	cps
Holmium	165-1	9304405	9197677	9088131	9196738	1.18	cps
Holmium	165-2	1773543	1783102	1751625	1769423	0.91	cps
Indium	115-1	6520121	6502710	6507067	6509966	0.14	cps
Indium	115-2	244366	246422	244578	245122	0.46	cps
Iron	56-2	844082	839425	840459	841322	0.29	cps
Iron	57-2	21573	21595	21295	21487	0.78	cps
Krypton	83-1	300	273	267	280	6.30	cps
Lead	206-1	1143560	1136185	1137201	1138982	0.35	cps
Lead	207-1	967329	962200	955991	961840	0.59	cps
Lead	208-1	4561503	4553706	4524642	4546617	0.43	cps
Lithium	6-1	1202861	1164672	1172295	1179943	1.71	cps
Magnesium	24-2	49504	49362	48743	49203	0.82	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-02	Instrumnet Name :	P8
Client Sample ID :	381003738-PBCU36A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:41:18	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26151	26235	26268	26218	0.23	cps
Molybdenum	94-1	3051	2867	2850	2923	3.80	cps
Molybdenum	95-1	2800	2292	2192	2428	13.44	cps
Molybdenum	96-1	3242	2909	2650	2934	10.11	cps
Molybdenum	97-1	1700	1575	1242	1506	15.74	cps
Molybdenum	98-1	3867	4009	3809	3895	2.64	cps
Neodymium	150-1	42737	42677	40771	42062	2.66	cps
Neodymium	150-2	5114	5228	5184	5176	1.11	cps
Nickel	60-2	78379	78617	77903	78300	0.46	cps
Phosphorus	31-2	208	242	267	239	12.25	cps
Potassium	39-2	29774	29607	29557	29646	0.38	cps
Rhodium	103-1	6015958	5909733	5934465	5953385	0.93	cps
Rhodium	103-2	1466596	1489739	1467121	1474485	0.90	cps
Scandium	45-1	3235974	3205679	3181877	3207843	0.85	cps
Scandium	45-2	21667	21650	21283	21533	1.01	cps
Selenium	77-2	10	20	23	18	39.03	cps
Selenium	78-2	22	15	15	17	24.76	cps
Selenium	82-1	161	154	151	155	3.25	cps
Silicon	28-1	16360230	16208104	16004332	16190889	1.10	cps
Silver	109-1	1809	2250	1925	1995	11.48	cps
Silver	107-1	2000	2250	2017	2089	6.69	cps
Sodium	23-2	307367	307864	306262	307164	0.27	cps
Strontium	86-1	92689	93528	92689	92969	0.52	cps
Strontium	88-1	812759	806907	804136	807934	0.54	cps
Sulfur	34-1	263600	263021	263980	263534	0.18	cps
Terbium	159-1	9453740	9387792	9291538	9377690	0.87	cps
Terbium	159-2	1702710	1710521	1682262	1698498	0.86	cps
Thallium	203-1	7036	6827	6202	6688	6.49	cps
Thallium	205-1	17079	15752	16370	16400	4.05	cps
Tin	118-1	25717	25851	24240	25269	3.54	cps
Titanium	47-1	9159	8528	8211	8633	5.59	cps
Uranium	238-1	40082	41877	40937	40965	2.19	cps
Vanadium	51-2	263	323	280	289	10.72	cps
Yttrium	89-1	6693627	6570239	6621698	6628522	0.93	cps
Yttrium	89-2	178047	181661	177136	178948	1.34	cps
Zinc	66-2	283987	283297	282592	283292	0.25	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-02	Instrumnet Name :	P8
Client Sample ID :	381003738-PBCU36A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:41:18	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3826	4227	4286	4113	6.09	cps
Zirconium	91-1	7547	1058	967	3191	118.25	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:44:40	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	295607	296645	299663	297305	0.71	cps
Antimony	121-1	4845059	4841231	4918131	4868140	0.89	cps
Arsenic	75-1	1090288	1086119	1099822	1092077	0.64	cps
Barium	135-1	5397173	5350315	5329502	5358997	0.65	cps
Barium	137-1	9368583	9383380	9404798	9385587	0.19	cps
Beryllium	9-1	581781	586544	584134	584153	0.41	cps
Bismuth	209-1	5539442	5536737	5317291	5464490	2.33	cps
Bismuth	209-2	1294279	1300789	1274988	1290019	1.04	cps
Boron	10-1	66547	68907	68949	68134	2.02	cps
Boron	11-1	330112	342510	344566	339063	2.31	cps
Cadmium	111-1	1058834	1060733	1059216	1059594	0.09	cps
Cadmium	106-1	111265	111080	111837	111394	0.35	cps
Cadmium	108-1	75803	75820	76855	76159	0.79	cps
Calcium	43-1	4564647	4536369	4594973	4565330	0.64	cps
Calcium	44-1	74764023	75389500	75073481	75075668	0.42	cps
Chromium	52-2	377945	380692	380552	379730	0.41	cps
Cobalt	59-2	801746	804295	805451	803831	0.24	cps
Copper	63-2	1361450	1365036	1371531	1366005	0.37	cps
Dysprosium	156-1	117	83	133	111	22.91	cps
Dysprosium	156-2	3	0	17	7	132.33	cps
Erbium	164-1	25	8	50	28	75.51	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	83	108	100	97	13.09	cps
Gadolinium	160-2	13	27	13	18	43.33	cps
Holmium	165-1	8245796	8255714	7954940	8152150	2.10	cps
Holmium	165-2	1660598	1645255	1617351	1641068	1.34	cps
Indium	115-1	5584368	5630607	5303821	5506265	3.21	cps
Indium	115-2	221345	220714	218826	220295	0.60	cps
Iron	56-2	62169700	62173061	62263807	62202189	0.09	cps
Iron	57-2	1586933	1618993	1623004	1609643	1.23	cps
Krypton	83-1	300	327	360	329	9.14	cps
Lead	206-1	3822059	3789734	3735653	3782482	1.15	cps
Lead	207-1	3478502	3466765	3497401	3480889	0.44	cps
Lead	208-1	15614910	15541414	15527749	15561358	0.30	cps
Lithium	6-1	1018562	1016163	957768	997497	3.45	cps
Magnesium	24-2	6267702	6256633	6379546	6301294	1.08	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:44:40	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	211949	212239	214317	212835	0.61	cps
Molybdenum	94-1	8171796	8183407	8102348	8152517	0.54	cps
Molybdenum	95-1	10027287	10049217	9959833	10012112	0.47	cps
Molybdenum	96-1	11275607	11232111	11134178	11213966	0.65	cps
Molybdenum	97-1	6347666	6271198	6349773	6322879	0.71	cps
Molybdenum	98-1	16286195	16208688	16305115	16266666	0.31	cps
Neodymium	150-1	293	300	287	293	2.27	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	240829	240141	241558	240843	0.29	cps
Phosphorus	31-2	3534	3567	3584	3562	0.71	cps
Potassium	39-2	1591061	1597699	1619818	1602859	0.94	cps
Rhodium	103-1	5033031	5034381	4811292	4959568	2.59	cps
Rhodium	103-2	1292056	1293557	1280543	1288719	0.55	cps
Scandium	45-1	2934952	2989611	2857929	2927497	2.26	cps
Scandium	45-2	20979	20999	21156	21045	0.46	cps
Selenium	77-2	310	357	313	327	7.97	cps
Selenium	78-2	1076	1070	1095	1080	1.17	cps
Selenium	82-1	60864	60869	61114	60949	0.23	cps
Silicon	28-1	2094069	2055875	2073401	2074448	0.92	cps
Silver	109-1	4927476	4914583	4936559	4926206	0.22	cps
Silver	107-1	5082340	5060768	5104440	5082516	0.43	cps
Sodium	23-2	13882882	13963736	14085685	13977434	0.73	cps
Strontium	86-1	1228026	1222573	1225420	1225340	0.22	cps
Strontium	88-1	10680698	10588908	10697559	10655722	0.55	cps
Sulfur	34-1	520986	523334	525401	523241	0.42	cps
Terbium	159-1	8378118	8336716	7974771	8229868	2.70	cps
Terbium	159-2	1545119	1557994	1547596	1550236	0.44	cps
Thallium	203-1	4715987	4638678	4639082	4664582	0.95	cps
Thallium	205-1	11146430	11102527	11007331	11085429	0.64	cps
Tin	118-1	3470295	3478340	3419922	3456186	0.92	cps
Titanium	47-1	2340409	2336754	2337229	2338131	0.08	cps
Uranium	238-1	16439872	16420951	16512248	16457690	0.29	cps
Vanadium	51-2	267450	269849	270752	269350	0.63	cps
Yttrium	89-1	5738516	5716612	5429490	5628206	3.06	cps
Yttrium	89-2	163802	163567	160906	162758	0.99	cps
Zinc	66-2	130150	130053	130449	130217	0.16	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV97	Instrumnet Name :	P8
Client Sample ID :	CCV97	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:44:40	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6823760	6766570	6842458	6810929	0.58	cps
Zirconium	91-1	1539747	1532166	1500893	1524269	1.35	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:47:53	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	8	10	11	35.25	cps
Antimony	121-1	13708	12782	12990	13160	3.69	cps
Arsenic	75-1	975	1000	933	970	3.47	cps
Barium	135-1	217	158	167	181	17.47	cps
Barium	137-1	342	292	183	272	29.73	cps
Beryllium	9-1	578	483	472	511	11.35	cps
Bismuth	209-1	6054355	5939851	5948447	5980884	1.07	cps
Bismuth	209-2	1433589	1400703	1278412	1370901	5.96	cps
Boron	10-1	3967	3517	3276	3587	9.79	cps
Boron	11-1	18813	17103	16218	17378	7.59	cps
Cadmium	111-1	1173	938	1009	1040	11.57	cps
Cadmium	106-1	1392	1108	1275	1258	11.32	cps
Cadmium	108-1	8	13	13	11	21.67	cps
Calcium	43-1	425	400	433	419	4.14	cps
Calcium	44-1	11038	10121	9304	10154	8.55	cps
Chromium	52-2	370	387	390	382	2.80	cps
Cobalt	59-2	43	73	47	54	30.20	cps
Copper	63-2	417	387	407	403	3.79	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	42	50	75	56	31.22	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	8462169	8434315	8360629	8419038	0.62	cps
Holmium	165-2	1698246	1653134	1530804	1627395	5.32	cps
Indium	115-1	6046453	6017362	6013999	6025938	0.30	cps
Indium	115-2	240442	237506	219180	232376	4.96	cps
Iron	56-2	3178	2595	2667	2813	11.31	cps
Iron	57-2	72	67	100	80	22.42	cps
Krypton	83-1	350	350	403	368	8.37	cps
Lead	206-1	683	717	672	691	3.35	cps
Lead	207-1	706	617	522	615	14.91	cps
Lead	208-1	3034	3134	2667	2945	8.35	cps
Lithium	6-1	1104322	1093305	1090932	1096186	0.65	cps
Magnesium	24-2	500	417	350	422	17.80	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:47:53	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	20	30	29	29.04	cps
Molybdenum	94-1	3367	2934	2900	3067	8.49	cps
Molybdenum	95-1	4192	3967	3884	4015	3.97	cps
Molybdenum	96-1	4326	4309	3917	4184	5.52	cps
Molybdenum	97-1	2450	2342	2284	2359	3.59	cps
Molybdenum	98-1	6977	5968	5543	6163	11.95	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	170	187	167	174	6.14	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2059	2059	2017	2045	1.18	cps
Rhodium	103-1	5528911	5559019	5497256	5528395	0.56	cps
Rhodium	103-2	1430499	1424788	1309975	1388421	4.90	cps
Scandium	45-1	3060372	3085893	3028553	3058273	0.94	cps
Scandium	45-2	21497	21680	19070	20749	7.02	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-4	6	-50	-16	-182.24	cps
Silicon	28-1	156075	156564	151763	154801	1.71	cps
Silver	109-1	975	892	733	867	14.16	cps
Silver	107-1	1000	983	967	983	1.70	cps
Sodium	23-2	6735	7236	7361	7110	4.65	cps
Strontium	86-1	583	533	633	583	8.57	cps
Strontium	88-1	683	458	325	489	37.05	cps
Sulfur	34-1	268182	271917	269714	269938	0.70	cps
Terbium	159-1	8632766	8568511	8503684	8568321	0.75	cps
Terbium	159-2	1651386	1590551	1464803	1568913	6.07	cps
Thallium	203-1	2100	1884	1942	1975	5.68	cps
Thallium	205-1	5160	4709	4426	4765	7.76	cps
Tin	118-1	3734	3959	3009	3567	13.92	cps
Titanium	47-1	175	250	133	186	31.77	cps
Uranium	238-1	867	750	617	745	16.80	cps
Vanadium	51-2	17	7	0	8	107.84	cps
Yttrium	89-1	5901772	5929953	5918373	5916699	0.24	cps
Yttrium	89-2	170404	167463	155014	164294	4.97	cps
Zinc	66-2	97	103	113	104	8.03	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB97	Instrumnet Name :	P8
Client Sample ID :	CCB97	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:47:53	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2567	2417	2684	2556	5.23	cps
Zirconium	91-1	500	475	525	500	5.00	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-03	Instrumnet Name :	P8
Client Sample ID :	381003739-PBCU36B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:51:16	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	263	310	293	288	8.33	cps
Antimony	121-1	8995	8278	8862	8712	4.38	cps
Arsenic	75-1	8370	8820	9137	8775	4.39	cps
Barium	135-1	4668	4634	4559	4620	1.20	cps
Barium	137-1	8245	8311	8153	8236	0.97	cps
Beryllium	9-1	522	450	444	472	9.19	cps
Bismuth	209-1	6792524	6717998	6568061	6692861	1.71	cps
Bismuth	209-2	1541956	1542760	1523707	1536141	0.70	cps
Boron	10-1	2934	2467	2642	2681	8.80	cps
Boron	11-1	13782	14641	13857	14094	3.38	cps
Cadmium	111-1	1076	1075	1043	1064	1.77	cps
Cadmium	106-1	1117	1208	1150	1158	4.01	cps
Cadmium	108-1	21	42	42	35	34.65	cps
Calcium	43-1	165683	164654	162472	164270	1.00	cps
Calcium	44-1	2736690	2714651	2674348	2708563	1.17	cps
Chromium	52-2	1407	1247	1267	1307	6.67	cps
Cobalt	59-2	307	270	233	270	13.58	cps
Copper	63-2	51365	51170	50933	51156	0.42	cps
Dysprosium	156-1	358	258	267	294	18.85	cps
Dysprosium	156-2	40	83	30	51	55.47	cps
Erbium	164-1	192	175	258	208	21.17	cps
Erbium	164-2	27	40	40	36	21.64	cps
Gadolinium	160-1	367	283	292	314	14.62	cps
Gadolinium	160-2	70	70	57	66	11.74	cps
Holmium	165-1	9414061	9288480	9188764	9297102	1.21	cps
Holmium	165-2	1812622	1815004	1789273	1805633	0.79	cps
Indium	115-1	6716800	6627965	6593410	6646058	0.96	cps
Indium	115-2	250322	252831	248294	250483	0.91	cps
Iron	56-2	6935	7058	6635	6876	3.16	cps
Iron	57-2	167	178	222	189	15.56	cps
Krypton	83-1	287	283	320	297	6.83	cps
Lead	206-1	564641	557132	549872	557215	1.33	cps
Lead	207-1	440814	436681	432072	436522	1.00	cps
Lead	208-1	2119423	2101760	2075594	2098926	1.05	cps
Lithium	6-1	1212434	1219005	1203916	1211785	0.62	cps
Magnesium	24-2	34000	34033	32413	33482	2.77	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-03	Instrumnet Name :	P8
Client Sample ID :	381003739-PBCU36B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:51:16	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	510	433	507	483	8.97	cps
Molybdenum	94-1	1150	1167	1033	1117	6.51	cps
Molybdenum	95-1	1200	1142	1250	1197	4.53	cps
Molybdenum	96-1	1559	1558	1400	1506	6.07	cps
Molybdenum	97-1	917	700	833	817	13.38	cps
Molybdenum	98-1	2517	2134	1917	2189	13.88	cps
Neodymium	150-1	400	373	313	362	12.25	cps
Neodymium	150-2	43	47	77	56	33.05	cps
Nickel	60-2	9157	9066	9056	9093	0.61	cps
Phosphorus	31-2	100	125	75	100	25.00	cps
Potassium	39-2	28605	29766	27828	28733	3.39	cps
Rhodium	103-1	6049844	6033705	5976540	6020030	0.64	cps
Rhodium	103-2	1511904	1539342	1531110	1527452	0.92	cps
Scandium	45-1	3349480	3271614	3275146	3298747	1.33	cps
Scandium	45-2	22799	22255	22144	22399	1.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	38	80	13	44	76.75	cps
Silicon	28-1	14074710	13843835	13615650	13844732	1.66	cps
Silver	109-1	1433	1634	1458	1508	7.23	cps
Silver	107-1	1567	1750	1750	1689	6.27	cps
Sodium	23-2	311880	309143	307625	309549	0.70	cps
Strontium	86-1	78686	77822	76715	77741	1.27	cps
Strontium	88-1	674603	667494	664988	669029	0.75	cps
Sulfur	34-1	303375	298209	292342	297975	1.85	cps
Terbium	159-1	9609989	9491670	9404163	9501940	1.09	cps
Terbium	159-2	1738835	1743963	1701288	1728028	1.35	cps
Thallium	203-1	2384	2259	2092	2245	6.52	cps
Thallium	205-1	6218	5293	5026	5513	11.35	cps
Tin	118-1	26861	26094	24840	25932	3.93	cps
Titanium	47-1	408	508	517	478	12.62	cps
Uranium	238-1	2750	2967	2442	2720	9.70	cps
Vanadium	51-2	73	73	87	78	9.90	cps
Yttrium	89-1	6554019	6442728	6385859	6460869	1.32	cps
Yttrium	89-2	176051	175964	174689	175568	0.43	cps
Zinc	66-2	48288	48645	47662	48198	1.03	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-03	Instrumnet Name :	P8
Client Sample ID :	381003739-PBCU36B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:51:16	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1033	983	1217	1078	11.40	cps
Zirconium	91-1	208	242	267	239	12.25	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-04	Instrumnet Name :	P8
Client Sample ID :	381003740-OPW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:54:39	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	778	868	775	807	6.53	cps
Antimony	121-1	7728	8195	8548	8157	5.05	cps
Arsenic	75-1	11580	12298	12656	12178	4.50	cps
Barium	135-1	75407	72013	72833	73418	2.41	cps
Barium	137-1	131078	128260	130061	129799	1.10	cps
Beryllium	9-1	617	750	594	654	12.87	cps
Bismuth	209-1	6733810	6683233	6652000	6689681	0.62	cps
Bismuth	209-2	1514199	1412375	1518660	1481745	4.06	cps
Boron	10-1	2509	2400	2392	2434	2.67	cps
Boron	11-1	11722	11297	11438	11486	1.89	cps
Cadmium	111-1	2903	3088	2970	2987	3.14	cps
Cadmium	106-1	1433	1650	1484	1522	7.45	cps
Cadmium	108-1	221	221	242	228	5.28	cps
Calcium	43-1	58648	58003	59067	58573	0.91	cps
Calcium	44-1	970523	960613	960055	963730	0.61	cps
Chromium	52-2	573	657	560	597	8.78	cps
Cobalt	59-2	32876	32715	32575	32722	0.46	cps
Copper	63-2	144373	145102	143137	144204	0.69	cps
Dysprosium	156-1	5168	4543	4559	4757	7.49	cps
Dysprosium	156-2	1040	1017	847	968	10.91	cps
Erbium	164-1	3351	3276	3259	3295	1.48	cps
Erbium	164-2	520	560	620	567	8.88	cps
Gadolinium	160-1	4259	4443	4618	4440	4.04	cps
Gadolinium	160-2	1270	1150	1180	1200	5.20	cps
Holmium	165-1	9405049	9236683	9186405	9276046	1.23	cps
Holmium	165-2	1767083	1649339	1753058	1723160	3.73	cps
Indium	115-1	6651198	6515153	6466807	6544386	1.46	cps
Indium	115-2	244392	228306	242724	238474	3.71	cps
Iron	56-2	122121	113841	113510	116491	4.19	cps
Iron	57-2	2950	2873	2800	2874	2.61	cps
Krypton	83-1	270	317	297	294	7.95	cps
Lead	206-1	100399	99296	97259	98985	1.61	cps
Lead	207-1	84272	83703	84603	84193	0.54	cps
Lead	208-1	393214	391919	387045	390726	0.83	cps
Lithium	6-1	1212801	1186861	1208743	1202802	1.16	cps
Magnesium	24-2	33040	34000	32672	33237	2.06	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-04	Instrumnet Name :	P8
Client Sample ID :	381003740-OPW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:54:39	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3694	3541	3597	3611	2.15	cps
Molybdenum	94-1	758	642	717	706	8.38	cps
Molybdenum	95-1	775	742	733	750	2.94	cps
Molybdenum	96-1	892	817	933	881	6.72	cps
Molybdenum	97-1	525	550	458	511	9.27	cps
Molybdenum	98-1	1275	1392	1100	1256	11.69	cps
Neodymium	150-1	6355	6482	6515	6451	1.31	cps
Neodymium	150-2	810	760	740	770	4.68	cps
Nickel	60-2	22171	22225	21827	22074	0.98	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	17879	18263	17553	17898	1.98	cps
Rhodium	103-1	5972731	5997007	5942467	5970735	0.46	cps
Rhodium	103-2	1470098	1376755	1472539	1439797	3.79	cps
Scandium	45-1	3241923	3179528	3224699	3215383	1.00	cps
Scandium	45-2	21527	19601	21667	20931	5.52	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	7	0	0	2	173.21	cps
Selenium	82-1	100	-8	37	43	126.69	cps
Silicon	28-1	13717200	13413895	13336498	13489198	1.49	cps
Silver	109-1	10763	10538	10480	10594	1.41	cps
Silver	107-1	10755	11022	11205	10994	2.06	cps
Sodium	23-2	321534	321182	314560	319092	1.23	cps
Strontium	86-1	81719	82507	80847	81691	1.02	cps
Strontium	88-1	714179	711329	705299	710269	0.64	cps
Sulfur	34-1	307904	306491	304383	306259	0.58	cps
Terbium	159-1	9534226	9288044	9344351	9388874	1.37	cps
Terbium	159-2	1700530	1566224	1691183	1652645	4.54	cps
Thallium	203-1	4459	4601	4568	4543	1.63	cps
Thallium	205-1	10855	11080	10822	10919	1.29	cps
Tin	118-1	63661	61796	68698	64718	5.52	cps
Titanium	47-1	283	242	258	261	8.03	cps
Uranium	238-1	30539	30613	28968	30040	3.09	cps
Vanadium	51-2	220	253	330	268	21.06	cps
Yttrium	89-1	6460644	6414323	6401719	6425562	0.48	cps
Yttrium	89-2	171546	159560	170296	167134	3.94	cps
Zinc	66-2	168314	169451	168671	168812	0.34	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-04	Instrumnet Name :	P8
Client Sample ID :	381003740-OPW-1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:54:39	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	608	992	792	797	24.05	cps
Zirconium	91-1	175	217	142	178	21.14	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-05	Instrumnet Name :	P8
Client Sample ID :	381003741-OPW-2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:58:02	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	218	185	203	202	8.07	cps
Antimony	121-1	4543	4859	4751	4718	3.41	cps
Arsenic	75-1	13299	13524	13916	13580	2.30	cps
Barium	135-1	100371	100210	99514	100032	0.45	cps
Barium	137-1	175924	172307	177105	175112	1.43	cps
Beryllium	9-1	689	761	839	763	9.83	cps
Bismuth	209-1	6764790	6709862	6676374	6717008	0.66	cps
Bismuth	209-2	1542628	1581599	1507490	1543906	2.40	cps
Boron	10-1	1975	1917	2017	1970	2.55	cps
Boron	11-1	10521	9570	10346	10146	4.99	cps
Cadmium	111-1	1624	1607	1641	1624	1.05	cps
Cadmium	106-1	1233	1192	1200	1208	1.82	cps
Cadmium	108-1	63	75	58	65	13.29	cps
Calcium	43-1	74120	73241	73534	73632	0.61	cps
Calcium	44-1	1235049	1200433	1205231	1213571	1.55	cps
Chromium	52-2	1500	1480	1490	1490	0.67	cps
Cobalt	59-2	33069	33831	32595	33165	1.88	cps
Copper	63-2	313303	323349	317601	318084	1.58	cps
Dysprosium	156-1	1750	1709	1800	1753	2.62	cps
Dysprosium	156-2	363	353	393	370	5.63	cps
Erbium	164-1	1450	1292	1358	1367	5.82	cps
Erbium	164-2	277	297	257	277	7.23	cps
Gadolinium	160-1	1617	1767	1742	1709	4.70	cps
Gadolinium	160-2	480	447	490	472	4.81	cps
Holmium	165-1	9206066	9229015	9142495	9192525	0.49	cps
Holmium	165-2	1813477	1843274	1750212	1802321	2.64	cps
Indium	115-1	6562290	6488077	6431979	6494115	1.01	cps
Indium	115-2	249256	250021	242505	247260	1.67	cps
Iron	56-2	113212	114784	114746	114247	0.79	cps
Iron	57-2	3023	3256	2845	3041	6.78	cps
Krypton	83-1	330	327	340	332	2.09	cps
Lead	206-1	106190	105189	104656	105345	0.74	cps
Lead	207-1	86846	87445	86689	86993	0.46	cps
Lead	208-1	414084	409810	410664	411519	0.55	cps
Lithium	6-1	1199981	1212397	1189668	1200682	0.95	cps
Magnesium	24-2	37091	38277	36982	37450	1.92	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-05	Instrumnet Name :	P8
Client Sample ID :	381003741-OPW-2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:58:02	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4167	4221	4054	4147	2.05	cps
Molybdenum	94-1	525	742	633	633	17.11	cps
Molybdenum	95-1	483	500	400	461	11.62	cps
Molybdenum	96-1	525	692	617	611	13.66	cps
Molybdenum	97-1	333	250	283	289	14.52	cps
Molybdenum	98-1	1058	867	883	936	11.34	cps
Neodymium	150-1	2300	2427	2440	2389	3.23	cps
Neodymium	150-2	307	263	280	283	7.72	cps
Nickel	60-2	12666	12526	12533	12575	0.63	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	20491	21192	20257	20646	2.36	cps
Rhodium	103-1	5964563	5895680	5840642	5900295	1.05	cps
Rhodium	103-2	1505043	1543330	1456216	1501529	2.91	cps
Scandium	45-1	3213687	3200522	3147360	3187190	1.10	cps
Scandium	45-2	21924	22114	21580	21873	1.24	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	6	0	4	3	91.69	cps
Selenium	82-1	-28	13	-28	-14	-165.28	cps
Silicon	28-1	13662954	13592398	13419368	13558240	0.92	cps
Silver	109-1	1759	1642	1709	1703	3.44	cps
Silver	107-1	1700	1609	1834	1714	6.60	cps
Sodium	23-2	295121	297813	296283	296406	0.46	cps
Strontium	86-1	126498	127844	125801	126714	0.82	cps
Strontium	88-1	1098971	1089259	1090758	1092996	0.48	cps
Sulfur	34-1	256496	249347	251788	252544	1.44	cps
Terbium	159-1	9466725	9317281	9276343	9353450	1.07	cps
Terbium	159-2	1742409	1762868	1696707	1733995	1.95	cps
Thallium	203-1	2550	2734	2642	2642	3.47	cps
Thallium	205-1	6519	6369	6660	6516	2.24	cps
Tin	118-1	3351	3717	3944	3671	8.16	cps
Titanium	47-1	183	250	317	250	26.67	cps
Uranium	238-1	20301	20559	20593	20484	0.78	cps
Vanadium	51-2	37	40	47	41	12.39	cps
Yttrium	89-1	6304708	6344197	6254780	6301229	0.71	cps
Yttrium	89-2	175380	178098	167796	173758	3.07	cps
Zinc	66-2	18830	18930	18536	18765	1.09	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5396-05	Instrumnet Name :	P8
Client Sample ID :	381003741-OPW-2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 13:58:02	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	617	750	708	692	9.86	cps
Zirconium	91-1	108	167	142	139	21.07	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-01	Instrumnet Name :	P8
Client Sample ID :	381003732-PBCU180	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:01:25	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	385	365	313	354	10.57	cps
Antimony	121-1	4776	5076	5085	4979	3.53	cps
Arsenic	75-1	13883	14500	15034	14472	3.98	cps
Barium	135-1	3051	2925	3334	3103	6.74	cps
Barium	137-1	5059	5126	5110	5098	0.68	cps
Beryllium	9-1	378	439	472	430	11.15	cps
Bismuth	209-1	6910251	6775147	6744029	6809809	1.30	cps
Bismuth	209-2	1547697	1552951	1540269	1546972	0.41	cps
Boron	10-1	2109	2292	2017	2139	6.55	cps
Boron	11-1	9062	9220	9345	9209	1.54	cps
Cadmium	111-1	1213	883	1113	1070	15.81	cps
Cadmium	106-1	1325	933	1275	1178	18.10	cps
Cadmium	108-1	8	17	25	17	50.01	cps
Calcium	43-1	147382	146601	145918	146634	0.50	cps
Calcium	44-1	2472010	2409574	2423023	2434869	1.35	cps
Chromium	52-2	1070	1060	1027	1052	2.16	cps
Cobalt	59-2	1497	1440	1540	1492	3.36	cps
Copper	63-2	16991	16493	16677	16720	1.50	cps
Dysprosium	156-1	317	442	392	383	16.41	cps
Dysprosium	156-2	97	83	70	83	16.00	cps
Erbium	164-1	400	342	358	367	8.19	cps
Erbium	164-2	73	90	57	73	22.73	cps
Gadolinium	160-1	400	458	450	436	7.23	cps
Gadolinium	160-2	113	100	117	110	8.02	cps
Holmium	165-1	9422090	9357513	9259348	9346317	0.88	cps
Holmium	165-2	1820388	1815473	1806040	1813967	0.40	cps
Indium	115-1	6643935	6541107	6552432	6579158	0.86	cps
Indium	115-2	250968	248476	247717	249054	0.68	cps
Iron	56-2	4468	4568	4823	4619	3.97	cps
Iron	57-2	128	122	150	133	11.03	cps
Krypton	83-1	263	207	327	266	22.61	cps
Lead	206-1	2156	2022	2022	2067	3.73	cps
Lead	207-1	1900	1611	1689	1734	8.62	cps
Lead	208-1	8412	8024	7684	8040	4.53	cps
Lithium	6-1	1194797	1226816	1201907	1207840	1.39	cps
Magnesium	24-2	33599	32981	33407	33329	0.95	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-01	Instrumnet Name :	P8
Client Sample ID :	381003732-PBCU180	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:01:25	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	497	360	400	419	16.78	cps
Molybdenum	94-1	642	575	525	581	10.08	cps
Molybdenum	95-1	575	442	558	525	13.84	cps
Molybdenum	96-1	567	542	567	558	2.59	cps
Molybdenum	97-1	317	433	358	369	16.00	cps
Molybdenum	98-1	825	825	933	861	7.26	cps
Neodymium	150-1	620	587	647	618	4.87	cps
Neodymium	150-2	103	90	57	83	28.84	cps
Nickel	60-2	4051	4224	4204	4160	2.28	cps
Phosphorus	31-2	108	150	133	131	16.06	cps
Potassium	39-2	29448	28480	28129	28686	2.38	cps
Rhodium	103-1	6009751	6013145	5967241	5996712	0.43	cps
Rhodium	103-2	1496739	1496321	1491904	1494988	0.18	cps
Scandium	45-1	3274142	3219669	3237753	3243855	0.86	cps
Scandium	45-2	21934	21800	21420	21718	1.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	81	107	8	65	78.66	cps
Silicon	28-1	13500066	13286427	13331928	13372807	0.84	cps
Silver	109-1	1183	1367	1242	1264	7.41	cps
Silver	107-1	1242	1358	1450	1350	7.74	cps
Sodium	23-2	305291	304575	304937	304934	0.12	cps
Strontium	86-1	83992	84176	83288	83818	0.56	cps
Strontium	88-1	737323	732209	724369	731300	0.89	cps
Sulfur	34-1	264734	262411	264269	263804	0.47	cps
Terbium	159-1	9606516	9512765	9394079	9504453	1.12	cps
Terbium	159-2	1739784	1742348	1715969	1732700	0.84	cps
Thallium	203-1	675	817	858	783	12.27	cps
Thallium	205-1	2234	1875	2217	2109	9.59	cps
Tin	118-1	1884	1834	1684	1800	5.78	cps
Titanium	47-1	433	567	475	492	13.87	cps
Uranium	238-1	3259	3259	3234	3251	0.44	cps
Vanadium	51-2	120	83	107	103	17.96	cps
Yttrium	89-1	6441363	6399194	6395237	6411931	0.40	cps
Yttrium	89-2	177108	173179	173476	174588	1.25	cps
Zinc	66-2	7232	7172	7135	7180	0.68	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-01	Instrumnet Name :	P8
Client Sample ID :	381003732-PBCU180	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:01:25	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	875	842	908	875	3.81	cps
Zirconium	91-1	267	217	150	211	27.72	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-02	Instrumnet Name :	P8
Client Sample ID :	381003733-PBCU181	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:04:47	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243	230	258	243	5.66	cps
Antimony	121-1	4259	4059	4101	4140	2.55	cps
Arsenic	75-1	15151	14700	15117	14989	1.67	cps
Barium	135-1	4626	4518	4501	4548	1.49	cps
Barium	137-1	7553	7569	7352	7491	1.61	cps
Beryllium	9-1	211	228	211	217	4.44	cps
Bismuth	209-1	6887787	6741175	6714603	6781188	1.38	cps
Bismuth	209-2	1536425	1547758	1536727	1540303	0.42	cps
Boron	10-1	1592	2009	1784	1795	11.62	cps
Boron	11-1	9187	8661	8653	8834	3.46	cps
Cadmium	111-1	770	838	830	813	4.58	cps
Cadmium	106-1	933	1075	1108	1039	8.94	cps
Cadmium	108-1	0	21	29	17	90.14	cps
Calcium	43-1	183838	180031	181309	181726	1.07	cps
Calcium	44-1	3029721	2986312	2961306	2992446	1.16	cps
Chromium	52-2	1127	993	1053	1058	6.31	cps
Cobalt	59-2	377	370	353	367	3.28	cps
Copper	63-2	7369	7389	7495	7418	0.92	cps
Dysprosium	156-1	292	267	333	297	11.33	cps
Dysprosium	156-2	63	43	63	57	20.38	cps
Erbium	164-1	250	325	208	261	22.64	cps
Erbium	164-2	23	43	67	44	48.81	cps
Gadolinium	160-1	417	333	317	356	15.07	cps
Gadolinium	160-2	90	93	60	81	22.64	cps
Holmium	165-1	9504896	9384078	9251648	9380207	1.35	cps
Holmium	165-2	1776513	1794005	1800538	1790352	0.69	cps
Indium	115-1	6673296	6605920	6551883	6610366	0.92	cps
Indium	115-2	247327	249643	247512	248161	0.52	cps
Iron	56-2	5001	5151	5184	5112	1.91	cps
Iron	57-2	161	133	83	126	31.30	cps
Krypton	83-1	233	303	320	286	16.10	cps
Lead	206-1	939	817	856	870	7.17	cps
Lead	207-1	733	722	750	735	1.90	cps
Lead	208-1	3706	3184	3367	3419	7.75	cps
Lithium	6-1	1206946	1195629	1190737	1197771	0.69	cps
Magnesium	24-2	33123	33607	32789	33173	1.24	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-02	Instrumnet Name :	P8
Client Sample ID :	381003733-PBCU181	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:04:47	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	273	333	250	286	15.05	cps
Molybdenum	94-1	500	508	583	531	8.65	cps
Molybdenum	95-1	375	383	258	339	20.62	cps
Molybdenum	96-1	383	508	417	436	14.84	cps
Molybdenum	97-1	242	208	233	228	7.61	cps
Molybdenum	98-1	550	617	467	544	13.81	cps
Neodymium	150-1	500	553	507	520	5.59	cps
Neodymium	150-2	40	50	33	41	20.41	cps
Nickel	60-2	887	883	897	889	0.78	cps
Phosphorus	31-2	142	75	108	108	30.77	cps
Potassium	39-2	29332	28580	28914	28942	1.30	cps
Rhodium	103-1	6057991	5972077	5965559	5998542	0.86	cps
Rhodium	103-2	1489143	1493482	1482354	1488326	0.38	cps
Scandium	45-1	3240902	3215321	3172660	3209628	1.07	cps
Scandium	45-2	21437	21573	21831	21613	0.93	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	86	-34	12	21	283.82	cps
Silicon	28-1	13383039	13260768	13089045	13244284	1.12	cps
Silver	109-1	1117	1208	1392	1239	11.30	cps
Silver	107-1	1150	1183	1158	1164	1.49	cps
Sodium	23-2	301126	301217	300724	301022	0.09	cps
Strontium	86-1	92312	91170	89677	91053	1.45	cps
Strontium	88-1	797053	792459	787423	792311	0.61	cps
Sulfur	34-1	264058	262613	259743	262138	0.84	cps
Terbium	159-1	9574625	9502045	9405220	9493963	0.90	cps
Terbium	159-2	1721428	1721359	1703560	1715449	0.60	cps
Thallium	203-1	675	575	550	600	11.02	cps
Thallium	205-1	1650	1617	1575	1614	2.33	cps
Tin	118-1	2009	2234	2275	2173	6.60	cps
Titanium	47-1	483	600	583	556	11.36	cps
Uranium	238-1	4043	4176	4101	4106	1.63	cps
Vanadium	51-2	113	90	83	96	16.49	cps
Yttrium	89-1	6469037	6377924	6347726	6398229	0.99	cps
Yttrium	89-2	172052	172241	171849	172047	0.11	cps
Zinc	66-2	2970	2957	2967	2965	0.23	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-02	Instrumnet Name :	P8
Client Sample ID :	381003733-PBCU181	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:04:47	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	908	1100	783	931	17.15	cps
Zirconium	91-1	150	375	158	228	56.03	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-03	Instrumnet Name :	P8
Client Sample ID :	381003734-PBCU182	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:08:10	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	188	198	200	195	3.39	cps
Antimony	121-1	4351	4668	4676	4565	4.06	cps
Arsenic	75-1	16469	16836	18705	17337	6.92	cps
Barium	135-1	3126	3059	3059	3081	1.25	cps
Barium	137-1	6027	5843	5585	5818	3.82	cps
Beryllium	9-1	567	689	667	641	10.16	cps
Bismuth	209-1	6847267	6748126	6616440	6737278	1.72	cps
Bismuth	209-2	1546552	1534473	1526959	1535995	0.64	cps
Boron	10-1	1750	1742	1617	1703	4.39	cps
Boron	11-1	8486	8253	8011	8250	2.88	cps
Cadmium	111-1	1548	1526	1616	1563	3.01	cps
Cadmium	106-1	1233	1333	1200	1256	5.53	cps
Cadmium	108-1	33	71	58	54	35.25	cps
Calcium	43-1	138395	133908	135372	135891	1.68	cps
Calcium	44-1	2289913	2258481	2238419	2262271	1.15	cps
Chromium	52-2	947	1053	1097	1032	7.48	cps
Cobalt	59-2	700	647	670	672	3.98	cps
Copper	63-2	14124	14037	13847	14003	1.01	cps
Dysprosium	156-1	450	408	500	453	10.14	cps
Dysprosium	156-2	93	93	90	92	2.09	cps
Erbium	164-1	375	325	308	336	10.32	cps
Erbium	164-2	43	53	53	50	11.55	cps
Gadolinium	160-1	383	400	483	422	12.69	cps
Gadolinium	160-2	107	110	87	101	12.48	cps
Holmium	165-1	9356257	9308677	9101424	9255452	1.46	cps
Holmium	165-2	1813845	1806472	1798711	1806342	0.42	cps
Indium	115-1	6614218	6550062	6432640	6532306	1.41	cps
Indium	115-2	251678	249755	246216	249216	1.11	cps
Iron	56-2	4684	4162	4684	4510	6.69	cps
Iron	57-2	94	122	133	117	17.17	cps
Krypton	83-1	300	343	330	324	6.84	cps
Lead	206-1	1300	1383	1317	1333	3.31	cps
Lead	207-1	1028	1089	1200	1106	7.90	cps
Lead	208-1	5406	5512	5651	5523	2.22	cps
Lithium	6-1	1193574	1184079	1191234	1189629	0.42	cps
Magnesium	24-2	35997	36339	36832	36389	1.15	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-03	Instrumnet Name :	P8
Client Sample ID :	381003734-PBCU182	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:08:10	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	447	390	390	409	8.00	cps
Molybdenum	94-1	642	758	508	636	19.67	cps
Molybdenum	95-1	567	525	567	553	4.35	cps
Molybdenum	96-1	625	700	583	636	9.29	cps
Molybdenum	97-1	367	367	358	364	1.32	cps
Molybdenum	98-1	767	800	900	822	8.44	cps
Neodymium	150-1	520	580	573	558	5.90	cps
Neodymium	150-2	57	63	47	56	15.09	cps
Nickel	60-2	13163	13173	13627	13321	1.99	cps
Phosphorus	31-2	108	117	83	103	16.88	cps
Potassium	39-2	28354	28246	27920	28173	0.80	cps
Rhodium	103-1	6042911	6048380	5879074	5990122	1.61	cps
Rhodium	103-2	1514192	1495491	1487203	1498962	0.92	cps
Scandium	45-1	3210164	3198386	3172797	3193782	0.60	cps
Scandium	45-2	21463	21864	22001	21776	1.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	9	-37	0	-10	-251.96	cps
Silicon	28-1	13952042	13783001	13686481	13807175	0.97	cps
Silver	109-1	1117	1217	1108	1147	5.25	cps
Silver	107-1	1050	1108	1075	1078	2.72	cps
Sodium	23-2	303334	299999	298197	300510	0.87	cps
Strontium	86-1	87395	86785	84788	86323	1.58	cps
Strontium	88-1	754558	755156	747425	752380	0.57	cps
Sulfur	34-1	263807	262004	260851	262221	0.57	cps
Terbium	159-1	9555946	9514124	9281271	9450447	1.57	cps
Terbium	159-2	1748091	1741613	1714757	1734820	1.02	cps
Thallium	203-1	658	533	592	594	10.52	cps
Thallium	205-1	1500	1283	1342	1375	8.15	cps
Tin	118-1	1467	1450	1659	1525	7.59	cps
Titanium	47-1	533	533	408	492	14.68	cps
Uranium	238-1	3976	3867	3576	3806	5.44	cps
Vanadium	51-2	47	83	73	68	27.96	cps
Yttrium	89-1	6432853	6441899	6282932	6385895	1.40	cps
Yttrium	89-2	174202	173314	170600	172705	1.09	cps
Zinc	66-2	34563	33390	34192	34049	1.76	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-03	Instrumnet Name :	P8
Client Sample ID :	381003734-PBCU182	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:08:10	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	817	1009	883	903	10.78	cps
Zirconium	91-1	175	167	150	164	7.77	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-04	Instrumnet Name :	P8
Client Sample ID :	381003735-PBCU183	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:11:33	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215	193	190	199	6.91	cps
Antimony	121-1	4051	4117	4059	4076	0.89	cps
Arsenic	75-1	18321	18864	19164	18783	2.27	cps
Barium	135-1	3226	3459	3025	3237	6.70	cps
Barium	137-1	5927	5710	5835	5824	1.87	cps
Beryllium	9-1	411	422	356	396	9.01	cps
Bismuth	209-1	6811408	6847141	6749288	6802612	0.73	cps
Bismuth	209-2	1464315	1541141	1539700	1515052	2.90	cps
Boron	10-1	1742	1583	1600	1642	5.30	cps
Boron	11-1	9078	8128	8094	8433	6.63	cps
Cadmium	111-1	1221	1170	1088	1160	5.80	cps
Cadmium	106-1	1233	1325	1183	1247	5.76	cps
Cadmium	108-1	13	29	46	29	57.14	cps
Calcium	43-1	149422	147306	146903	147877	0.92	cps
Calcium	44-1	2457551	2442049	2429045	2442882	0.58	cps
Chromium	52-2	883	1003	1063	983	9.32	cps
Cobalt	59-2	567	607	587	587	3.41	cps
Copper	63-2	9363	9373	9857	9531	2.96	cps
Dysprosium	156-1	358	317	300	325	9.25	cps
Dysprosium	156-2	53	60	33	49	28.39	cps
Erbium	164-1	192	233	258	228	14.79	cps
Erbium	164-2	53	67	40	53	25.00	cps
Gadolinium	160-1	350	283	258	297	15.94	cps
Gadolinium	160-2	53	60	80	64	21.54	cps
Holmium	165-1	9405793	9439282	9329124	9391400	0.60	cps
Holmium	165-2	1708740	1808815	1785673	1767742	2.96	cps
Indium	115-1	6615241	6710466	6632582	6652763	0.76	cps
Indium	115-2	237727	248976	247547	244750	2.50	cps
Iron	56-2	3990	3578	3484	3684	7.30	cps
Iron	57-2	111	111	106	109	2.94	cps
Krypton	83-1	273	260	350	294	16.50	cps
Lead	206-1	3339	3506	3323	3389	2.99	cps
Lead	207-1	3134	2862	2684	2893	7.84	cps
Lead	208-1	13031	13264	13031	13109	1.03	cps
Lithium	6-1	1216841	1222571	1208333	1215915	0.59	cps
Magnesium	24-2	40032	39999	39448	39826	0.82	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-04	Instrumnet Name :	P8
Client Sample ID :	381003735-PBCU183	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:11:33	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	253	203	197	218	14.22	cps
Molybdenum	94-1	642	825	833	767	14.13	cps
Molybdenum	95-1	883	858	942	895	4.78	cps
Molybdenum	96-1	1142	1117	1117	1125	1.28	cps
Molybdenum	97-1	692	558	650	633	10.77	cps
Molybdenum	98-1	1400	1425	1458	1428	2.05	cps
Neodymium	150-1	293	273	253	273	7.32	cps
Neodymium	150-2	40	53	37	43	20.34	cps
Nickel	60-2	5481	5805	5671	5652	2.88	cps
Phosphorus	31-2	92	58	117	89	32.92	cps
Potassium	39-2	29006	28238	28430	28558	1.40	cps
Rhodium	103-1	6092033	6054722	6002414	6049723	0.74	cps
Rhodium	103-2	1428198	1501255	1523748	1484401	3.37	cps
Scandium	45-1	3246578	3250552	3229575	3242235	0.34	cps
Scandium	45-2	21086	21590	21924	21533	1.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	4	3	91.69	cps
Selenium	82-1	70	50	-27	31	163.81	cps
Silicon	28-1	13152064	13132566	12984132	13089587	0.70	cps
Silver	109-1	958	1067	1058	1028	5.87	cps
Silver	107-1	1192	1183	1142	1172	2.29	cps
Sodium	23-2	300294	298993	294277	297855	1.06	cps
Strontium	86-1	82700	81795	83489	82661	1.03	cps
Strontium	88-1	723805	722544	718936	721762	0.35	cps
Sulfur	34-1	267658	268728	265932	267439	0.53	cps
Terbium	159-1	9596971	9589153	9523279	9569801	0.42	cps
Terbium	159-2	1645912	1729505	1730043	1701820	2.85	cps
Thallium	203-1	592	658	550	600	9.11	cps
Thallium	205-1	1242	1383	1158	1261	9.02	cps
Tin	118-1	1258	1383	1600	1414	12.23	cps
Titanium	47-1	433	450	417	433	3.85	cps
Uranium	238-1	2234	2117	2084	2145	3.67	cps
Vanadium	51-2	117	77	110	101	21.19	cps
Yttrium	89-1	6416175	6552956	6411681	6460271	1.24	cps
Yttrium	89-2	164209	173096	173182	170162	3.03	cps
Zinc	66-2	10681	10651	10804	10712	0.76	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-04	Instrumnet Name :	P8
Client Sample ID :	381003735-PBCU183	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:11:33	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	733	842	633	736	14.15	cps
Zirconium	91-1	150	167	158	158	5.26	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-05	Instrumnet Name :	P8
Client Sample ID :	381003736-PBCU184	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:14:56	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	270	288	215	258	14.69	cps
Antimony	121-1	4109	3967	3851	3976	3.26	cps
Arsenic	75-1	19782	20407	20082	20090	1.56	cps
Barium	135-1	3992	3901	3517	3803	6.63	cps
Barium	137-1	6727	6193	6769	6563	4.89	cps
Beryllium	9-1	361	378	472	404	14.84	cps
Bismuth	209-1	6935292	6870813	6815241	6873782	0.87	cps
Bismuth	209-2	1545404	1543031	1442387	1510274	3.89	cps
Boron	10-1	1709	1700	1634	1681	2.45	cps
Boron	11-1	8311	7761	8645	8239	5.42	cps
Cadmium	111-1	1215	1145	1243	1201	4.20	cps
Cadmium	106-1	1350	1250	1358	1320	4.57	cps
Cadmium	108-1	38	25	29	31	20.83	cps
Calcium	43-1	169900	170272	167556	169243	0.87	cps
Calcium	44-1	2842697	2848993	2792598	2828096	1.09	cps
Chromium	52-2	1183	1013	993	1063	9.82	cps
Cobalt	59-2	630	593	647	623	4.38	cps
Copper	63-2	29358	29478	29605	29480	0.42	cps
Dysprosium	156-1	392	425	283	367	20.20	cps
Dysprosium	156-2	53	77	87	72	23.69	cps
Erbium	164-1	308	250	333	297	14.39	cps
Erbium	164-2	57	97	53	69	35.01	cps
Gadolinium	160-1	542	475	467	494	8.31	cps
Gadolinium	160-2	90	83	107	93	12.88	cps
Holmium	165-1	9492455	9390522	9376858	9419945	0.67	cps
Holmium	165-2	1825137	1802526	1683209	1770291	4.31	cps
Indium	115-1	6726580	6639400	6549388	6638456	1.33	cps
Indium	115-2	248608	248262	231098	242656	4.13	cps
Iron	56-2	5018	4851	4595	4821	4.41	cps
Iron	57-2	150	133	150	144	6.66	cps
Krypton	83-1	313	243	340	299	16.70	cps
Lead	206-1	806	806	745	785	4.49	cps
Lead	207-1	745	733	872	783	9.85	cps
Lead	208-1	3334	3339	3311	3328	0.44	cps
Lithium	6-1	1214009	1198649	1206660	1206439	0.64	cps
Magnesium	24-2	36130	35646	35571	35782	0.85	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-05	Instrumnet Name :	P8
Client Sample ID :	381003736-PBCU184	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:14:56	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	290	307	383	327	15.24	cps
Molybdenum	94-1	383	425	483	431	11.67	cps
Molybdenum	95-1	258	358	275	297	18.02	cps
Molybdenum	96-1	317	525	458	433	24.55	cps
Molybdenum	97-1	133	208	250	197	29.98	cps
Molybdenum	98-1	550	542	492	528	5.98	cps
Neodymium	150-1	627	533	633	598	9.35	cps
Neodymium	150-2	60	57	73	63	13.93	cps
Nickel	60-2	6925	6662	6712	6766	2.07	cps
Phosphorus	31-2	108	75	83	89	19.52	cps
Potassium	39-2	30643	29298	28046	29329	4.43	cps
Rhodium	103-1	6109811	6062880	5975948	6049546	1.12	cps
Rhodium	103-2	1506613	1521811	1400788	1476404	4.47	cps
Scandium	45-1	3246186	3222018	3174362	3214189	1.14	cps
Scandium	45-2	22151	21079	20232	21154	4.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	-2	76	-7	23	207.64	cps
Silicon	28-1	13846647	13693428	13610452	13716843	0.87	cps
Silver	109-1	908	1108	983	1000	10.10	cps
Silver	107-1	900	967	992	953	4.97	cps
Sodium	23-2	301116	301427	298428	300324	0.55	cps
Strontium	86-1	90700	91355	89828	90628	0.85	cps
Strontium	88-1	793081	787212	779437	786577	0.87	cps
Sulfur	34-1	269727	270928	268300	269652	0.49	cps
Terbium	159-1	9697593	9565577	9505377	9589516	1.03	cps
Terbium	159-2	1755318	1740309	1622063	1705897	4.28	cps
Thallium	203-1	550	500	533	528	4.82	cps
Thallium	205-1	1367	1125	1200	1231	10.05	cps
Tin	118-1	7602	7753	7277	7544	3.22	cps
Titanium	47-1	683	433	500	539	24.02	cps
Uranium	238-1	3351	3176	3059	3195	4.60	cps
Vanadium	51-2	77	83	97	86	11.90	cps
Yttrium	89-1	6540372	6464475	6417705	6474184	0.96	cps
Yttrium	89-2	175157	173547	161236	169980	4.48	cps
Zinc	66-2	8846	8726	8743	8772	0.74	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5397-05	Instrumnet Name :	P8
Client Sample ID :	381003736-PBCU184	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:14:56	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	800	708	542	683	19.17	cps
Zirconium	91-1	175	158	225	186	18.64	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5404-01	Instrumnet Name :	P8
Client Sample ID :	381003207.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:18:19	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	65	80	58	68	16.97	cps
Antimony	121-1	3442	3576	3642	3553	2.87	cps
Arsenic	75-1	19840	21685	22661	21395	6.70	cps
Barium	135-1	433832	435905	431056	433598	0.56	cps
Barium	137-1	773072	763978	763691	766914	0.70	cps
Beryllium	9-1	194	172	139	169	16.59	cps
Bismuth	209-1	6700886	6608718	6699689	6669764	0.79	cps
Bismuth	209-2	1499861	1500604	1487403	1495956	0.50	cps
Boron	10-1	2700	2559	2784	2681	4.24	cps
Boron	11-1	14074	13457	14383	13971	3.37	cps
Cadmium	111-1	848	812	825	829	2.21	cps
Cadmium	106-1	1133	1142	1108	1128	1.54	cps
Cadmium	108-1	17	29	13	19	44.61	cps
Calcium	43-1	577159	574939	566925	573008	0.94	cps
Calcium	44-1	9460827	9319641	9240052	9340173	1.20	cps
Chromium	52-2	470	457	467	464	1.49	cps
Cobalt	59-2	57	33	17	36	56.51	cps
Copper	63-2	1217	1127	1100	1148	5.33	cps
Dysprosium	156-1	58	25	33	39	44.62	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	25	33	75	44	60.28	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	83	25	75	61	51.63	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	9389288	9257306	9291254	9312616	0.74	cps
Holmium	165-2	1770584	1800906	1763352	1778281	1.12	cps
Indium	115-1	6522532	6506302	6488815	6505883	0.26	cps
Indium	115-2	244945	244946	241692	243861	0.77	cps
Iron	56-2	22363	22246	22174	22261	0.43	cps
Iron	57-2	661	589	633	628	5.80	cps
Krypton	83-1	290	293	313	299	4.22	cps
Lead	206-1	2323	2234	2234	2263	2.27	cps
Lead	207-1	2056	2039	1828	1974	6.43	cps
Lead	208-1	9235	8779	8996	9003	2.53	cps
Lithium	6-1	1198492	1169415	1188846	1185584	1.25	cps
Magnesium	24-2	360764	365066	359170	361667	0.84	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5404-01	Instrumnet Name :	P8
Client Sample ID :	381003207.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:18:19	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3497	3277	3501	3425	3.74	cps
Molybdenum	94-1	22210	21877	21960	22016	0.79	cps
Molybdenum	95-1	38322	38330	37912	38188	0.63	cps
Molybdenum	96-1	40654	41840	41640	41378	1.54	cps
Molybdenum	97-1	24348	24206	24256	24270	0.30	cps
Molybdenum	98-1	64127	62604	61984	62905	1.75	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	197	143	207	182	18.68	cps
Phosphorus	31-2	25	8	0	11	114.58	cps
Potassium	39-2	10204	9420	9987	9871	4.10	cps
Rhodium	103-1	5895805	5818733	5857788	5857442	0.66	cps
Rhodium	103-2	1458742	1454742	1451256	1454913	0.26	cps
Scandium	45-1	3221414	3171980	3187170	3193521	0.79	cps
Scandium	45-2	21346	21353	21350	21350	0.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-15	-4	-18	-12	-57.51	cps
Silicon	28-1	30541283	30325755	30093702	30320247	0.74	cps
Silver	109-1	850	725	800	792	7.95	cps
Silver	107-1	925	892	925	914	2.11	cps
Sodium	23-2	490863	495630	495930	494141	0.58	cps
Strontium	86-1	649328	646134	640596	645353	0.68	cps
Strontium	88-1	5676130	5671822	5618383	5655445	0.57	cps
Sulfur	34-1	396169	396067	397399	396545	0.19	cps
Terbium	159-1	9574928	9457655	9486795	9506459	0.64	cps
Terbium	159-2	1737998	1730148	1703617	1723921	1.05	cps
Thallium	203-1	367	400	483	417	14.42	cps
Thallium	205-1	1025	1008	1117	1050	5.56	cps
Tin	118-1	1559	1283	1400	1414	9.76	cps
Titanium	47-1	400	417	483	433	10.17	cps
Uranium	238-1	32736	32944	33003	32894	0.43	cps
Vanadium	51-2	23	10	17	17	39.99	cps
Yttrium	89-1	6411574	6327626	6352687	6363962	0.68	cps
Yttrium	89-2	170989	167639	168090	168906	1.08	cps
Zinc	66-2	6028	5838	5675	5847	3.03	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5404-01	Instrumnet Name :	P8
Client Sample ID :	381003207.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:18:19	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1083	950	1125	1053	8.68	cps
Zirconium	91-1	325	225	267	272	18.45	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5404-02	Instrumnet Name :	P8
Client Sample ID :	381003208	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:21:42	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	105	95	94	11.97	cps
Antimony	121-1	3517	3784	3742	3681	3.90	cps
Arsenic	75-1	24013	24114	25466	24531	3.31	cps
Barium	135-1	429459	428631	423686	427258	0.73	cps
Barium	137-1	756010	751318	744321	750550	0.78	cps
Beryllium	9-1	144	189	144	159	16.11	cps
Bismuth	209-1	6768863	6729264	6662702	6720277	0.80	cps
Bismuth	209-2	1506177	1482862	1500704	1496581	0.81	cps
Boron	10-1	2475	2642	3276	2798	15.09	cps
Boron	11-1	13590	13882	14491	13988	3.29	cps
Cadmium	111-1	948	842	880	890	6.00	cps
Cadmium	106-1	1267	1158	1158	1195	5.24	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Calcium	43-1	582044	573099	566352	573832	1.37	cps
Calcium	44-1	9474378	9404294	9310760	9396477	0.87	cps
Chromium	52-2	523	487	517	509	3.84	cps
Cobalt	59-2	30	37	27	31	16.37	cps
Copper	63-2	8736	8516	9006	8753	2.81	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	33	33	42	34.65	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	67	67	58	64	7.53	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	9437546	9301544	9319097	9352729	0.79	cps
Holmium	165-2	1800179	1764527	1776262	1780323	1.02	cps
Indium	115-1	6533286	6564618	6481034	6526313	0.65	cps
Indium	115-2	245940	241702	240574	242738	1.17	cps
Iron	56-2	21406	21016	21450	21291	1.12	cps
Iron	57-2	583	533	489	535	8.83	cps
Krypton	83-1	347	330	273	317	12.14	cps
Lead	206-1	3312	3162	3289	3254	2.49	cps
Lead	207-1	3012	2984	2789	2928	4.14	cps
Lead	208-1	13014	13053	12820	12962	0.97	cps
Lithium	6-1	1197229	1197696	1182453	1192459	0.73	cps
Magnesium	24-2	370640	361665	361398	364568	1.44	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5404-02	Instrumnet Name :	P8
Client Sample ID :	381003208	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:21:42	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3394	3367	3414	3392	0.69	cps
Molybdenum	94-1	22728	22027	22711	22489	1.78	cps
Molybdenum	95-1	39400	38422	38238	38687	1.61	cps
Molybdenum	96-1	40754	40420	41247	40807	1.02	cps
Molybdenum	97-1	23747	24665	23496	23969	2.57	cps
Molybdenum	98-1	61072	61800	61850	61574	0.71	cps
Neodymium	150-1	27	33	33	31	12.37	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	380	343	317	347	9.17	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	9445	9220	10029	9565	4.36	cps
Rhodium	103-1	5953800	5872027	5838338	5888055	1.01	cps
Rhodium	103-2	1464585	1448428	1448822	1453945	0.63	cps
Scandium	45-1	3204871	3183825	3153105	3180600	0.82	cps
Scandium	45-2	21073	21139	21203	21138	0.31	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-47	-9	43	-4	-1037.16	cps
Silicon	28-1	30923519	30500467	30376911	30600299	0.94	cps
Silver	109-1	733	708	783	742	5.15	cps
Silver	107-1	750	900	692	781	13.77	cps
Sodium	23-2	499215	496045	488906	494722	1.07	cps
Strontium	86-1	654207	647931	640352	647497	1.07	cps
Strontium	88-1	5779691	5730680	5646936	5719102	1.17	cps
Sulfur	34-1	407200	402340	399402	402981	0.98	cps
Terbium	159-1	9574572	9546984	9410310	9510622	0.92	cps
Terbium	159-2	1731957	1710731	1706276	1716321	0.80	cps
Thallium	203-1	325	308	367	333	9.01	cps
Thallium	205-1	883	1042	758	895	15.88	cps
Tin	118-1	1984	1650	1942	1859	9.77	cps
Titanium	47-1	425	367	325	372	13.50	cps
Uranium	238-1	33437	33530	33931	33633	0.78	cps
Vanadium	51-2	23	40	40	34	27.94	cps
Yttrium	89-1	6452047	6303890	6292036	6349324	1.40	cps
Yttrium	89-2	171119	168737	167958	169272	0.97	cps
Zinc	66-2	9223	9217	9440	9293	1.37	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5404-02	Instrumnet Name :	P8
Client Sample ID :	381003208	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:21:42	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1175	1142	1042	1120	6.20	cps
Zirconium	91-1	300	308	225	278	16.52	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:25:15	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	297072	299586	299275	298644	0.46	cps
Antimony	121-1	5092046	5088357	5100999	5093800	0.13	cps
Arsenic	75-1	1129542	1128230	1129260	1129010	0.06	cps
Barium	135-1	5639507	5679097	5645005	5654536	0.38	cps
Barium	137-1	9835875	9891574	9957051	9894833	0.61	cps
Beryllium	9-1	594290	596855	596280	595808	0.23	cps
Bismuth	209-1	5624854	5691128	5513365	5609782	1.60	cps
Bismuth	209-2	1318917	1299532	1318236	1312228	0.84	cps
Boron	10-1	67501	69544	70783	69276	2.39	cps
Boron	11-1	330411	341063	346747	339407	2.44	cps
Cadmium	111-1	1104363	1107872	1105173	1105803	0.17	cps
Cadmium	106-1	115525	115239	117668	116144	1.14	cps
Cadmium	108-1	80467	78590	78548	79202	1.38	cps
Calcium	43-1	4724895	4709199	4758419	4730838	0.53	cps
Calcium	44-1	76993877	77704170	77501268	77399772	0.47	cps
Chromium	52-2	387148	383293	385601	385347	0.50	cps
Cobalt	59-2	826174	827946	831877	828666	0.35	cps
Copper	63-2	1404944	1407713	1406436	1406364	0.10	cps
Dysprosium	156-1	92	150	92	111	30.31	cps
Dysprosium	156-2	17	3	0	7	132.33	cps
Erbium	164-1	42	58	50	50	16.67	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	142	42	42	75	76.98	cps
Gadolinium	160-2	27	30	30	29	6.65	cps
Holmium	165-1	8384299	8376653	8302290	8354414	0.54	cps
Holmium	165-2	1679308	1660402	1664773	1668161	0.59	cps
Indium	115-1	5601790	5660588	5554451	5605610	0.95	cps
Indium	115-2	219374	217742	219251	218789	0.42	cps
Iron	56-2	62947254	63131101	63108526	63062294	0.16	cps
Iron	57-2	1623850	1637109	1629893	1630284	0.41	cps
Krypton	83-1	313	310	327	317	2.79	cps
Lead	206-1	3993293	4054161	3977308	4008254	1.01	cps
Lead	207-1	3683218	3695940	3643429	3674195	0.75	cps
Lead	208-1	16394869	16575018	16347631	16439173	0.73	cps
Lithium	6-1	1026857	1029132	1008617	1021535	1.10	cps
Magnesium	24-2	6404085	6436850	6392835	6411257	0.36	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:25:15	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	215240	217011	216198	216150	0.41	cps
Molybdenum	94-1	8531085	8469981	8523602	8508223	0.39	cps
Molybdenum	95-1	10436897	10472735	10489949	10466527	0.26	cps
Molybdenum	96-1	11616196	11652606	11701334	11656712	0.37	cps
Molybdenum	97-1	6578483	6609224	6577807	6588505	0.27	cps
Molybdenum	98-1	17071363	16988255	17050638	17036752	0.25	cps
Neodymium	150-1	307	327	340	324	5.17	cps
Neodymium	150-2	3	13	13	10	57.75	cps
Nickel	60-2	249363	249003	246649	248338	0.59	cps
Phosphorus	31-2	3976	3642	3934	3851	4.72	cps
Potassium	39-2	1627326	1652408	1647157	1642297	0.81	cps
Rhodium	103-1	5064904	5038719	4974351	5025991	0.93	cps
Rhodium	103-2	1290375	1283998	1299793	1291388	0.62	cps
Scandium	45-1	2949683	2929957	2896104	2925248	0.93	cps
Scandium	45-2	20686	20876	20936	20832	0.63	cps
Selenium	77-2	317	333	303	318	4.73	cps
Selenium	78-2	976	996	1091	1021	6.00	cps
Selenium	82-1	62729	63123	62877	62909	0.32	cps
Silicon	28-1	1973380	1971866	1971813	1972353	0.05	cps
Silver	109-1	5157800	5147846	5093773	5133140	0.67	cps
Silver	107-1	5357054	5323056	5302474	5327528	0.52	cps
Sodium	23-2	14263853	14303096	14196629	14254526	0.38	cps
Strontium	86-1	1272361	1280816	1268650	1273942	0.49	cps
Strontium	88-1	11220816	11139336	11021358	11127170	0.90	cps
Sulfur	34-1	533533	532234	533096	532954	0.12	cps
Terbium	159-1	8442568	8469238	8367204	8426337	0.63	cps
Terbium	159-2	1605398	1566336	1573904	1581879	1.31	cps
Thallium	203-1	5025026	5006397	4941465	4990963	0.88	cps
Thallium	205-1	11821678	11864137	11709688	11798501	0.68	cps
Tin	118-1	3618032	3592158	3630931	3613707	0.55	cps
Titanium	47-1	2391756	2407111	2401922	2400263	0.33	cps
Uranium	238-1	17436896	17571201	17476640	17494913	0.39	cps
Vanadium	51-2	272820	274559	271868	273082	0.50	cps
Yttrium	89-1	5767340	5721974	5622536	5703950	1.30	cps
Yttrium	89-2	161279	160326	161121	160909	0.32	cps
Zinc	66-2	130230	132586	132596	131804	1.03	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV98	Instrumnet Name :	P8
Client Sample ID :	CCV98	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:25:15	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7133407	7070580	7042790	7082259	0.66	cps
Zirconium	91-1	1566718	1583539	1575755	1575338	0.53	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : CCB98 Instrumnet Name : P8
 Client Sample ID : CCB98 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 14:28:27 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	28	13	21	36.68	cps
Antimony	121-1	12707	11330	10997	11678	7.76	cps
Arsenic	75-1	1108	958	1058	1042	7.33	cps
Barium	135-1	392	275	283	317	20.55	cps
Barium	137-1	708	567	350	542	33.32	cps
Beryllium	9-1	356	394	333	361	8.57	cps
Bismuth	209-1	5975157	6069074	6043135	6029122	0.80	cps
Bismuth	209-2	1404869	1417523	1420258	1414217	0.58	cps
Boron	10-1	2775	2367	2109	2417	13.91	cps
Boron	11-1	13574	13156	11614	12781	8.08	cps
Cadmium	111-1	1012	982	973	989	2.08	cps
Cadmium	106-1	1167	1225	1200	1197	2.44	cps
Cadmium	108-1	13	25	13	17	43.30	cps
Calcium	43-1	650	600	342	531	31.19	cps
Calcium	44-1	13215	12481	10705	12134	10.64	cps
Chromium	52-2	307	337	357	333	7.55	cps
Cobalt	59-2	63	53	47	54	15.41	cps
Copper	63-2	420	487	480	462	7.94	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	13	3	0	6	124.93	cps
Gadolinium	160-1	50	75	17	47	61.97	cps
Gadolinium	160-2	3	3	0	2	86.60	cps
Holmium	165-1	8409607	8467969	8428308	8435295	0.35	cps
Holmium	165-2	1704815	1687728	1687672	1693405	0.58	cps
Indium	115-1	6004981	6008193	5952592	5988588	0.52	cps
Indium	115-2	232437	234839	233860	233712	0.52	cps
Iron	56-2	3439	2989	2450	2960	16.73	cps
Iron	57-2	56	72	72	67	14.43	cps
Krypton	83-1	347	327	357	343	4.45	cps
Lead	206-1	667	644	617	643	3.90	cps
Lead	207-1	506	517	506	509	1.26	cps
Lead	208-1	2500	2456	2511	2489	1.18	cps
Lithium	6-1	1077991	1079541	1066828	1074787	0.65	cps
Magnesium	24-2	408	425	392	408	4.08	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:28:27	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	37	30	36	14.32	cps
Molybdenum	94-1	3417	3050	2717	3062	11.44	cps
Molybdenum	95-1	4609	3976	3226	3937	17.59	cps
Molybdenum	96-1	5243	4176	3884	4434	16.13	cps
Molybdenum	97-1	2850	2359	1759	2323	23.54	cps
Molybdenum	98-1	7102	6052	5927	6360	10.15	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	147	170	163	160	7.51	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	1750	1533	1892	1725	10.46	cps
Rhodium	103-1	5498003	5536466	5535335	5523268	0.40	cps
Rhodium	103-2	1399176	1414111	1409300	1407529	0.54	cps
Scandium	45-1	2980114	3005831	2963775	2983240	0.71	cps
Scandium	45-2	20939	20278	20689	20635	1.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-7	29	-26	-1	-2034.37	cps
Silicon	28-1	141852	138698	140370	140307	1.12	cps
Silver	109-1	892	725	792	803	10.45	cps
Silver	107-1	1058	792	967	939	14.43	cps
Sodium	23-2	6035	5860	5918	5938	1.50	cps
Strontium	86-1	592	550	508	550	7.57	cps
Strontium	88-1	875	750	558	728	21.92	cps
Sulfur	34-1	267036	270149	267785	268323	0.61	cps
Terbium	159-1	8535585	8681696	8566527	8594603	0.90	cps
Terbium	159-2	1611352	1640006	1613468	1621608	0.98	cps
Thallium	203-1	1642	1483	1175	1433	16.56	cps
Thallium	205-1	4109	3809	3176	3698	12.89	cps
Tin	118-1	3376	3034	2617	3009	12.63	cps
Titanium	47-1	233	242	233	236	2.04	cps
Uranium	238-1	1208	975	675	953	28.06	cps
Vanadium	51-2	10	10	10	10	0.00	cps
Yttrium	89-1	5888603	5922262	5854827	5888564	0.57	cps
Yttrium	89-2	164166	163670	163026	163621	0.35	cps
Zinc	66-2	100	137	90	109	22.57	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB98	Instrumnet Name :	P8
Client Sample ID :	CCB98	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:28:27	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2609	2692	2417	2573	5.48	cps
Zirconium	91-1	442	650	492	528	20.61	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5408-01	Instrumnet Name :	P8
Client Sample ID :	380927052.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:31:50	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95	100	105	100	5.00	cps
Antimony	121-1	6527	6860	6435	6608	3.39	cps
Arsenic	75-1	28322	30719	31036	30026	4.94	cps
Barium	135-1	400	567	617	528	21.49	cps
Barium	137-1	800	983	817	867	11.70	cps
Beryllium	9-1	256	244	222	241	7.05	cps
Bismuth	209-1	6687859	6714051	6597233	6666381	0.92	cps
Bismuth	209-2	1521774	1510414	1511632	1514606	0.41	cps
Boron	10-1	9245	9262	9020	9176	1.47	cps
Boron	11-1	45381	46794	45891	46022	1.56	cps
Cadmium	111-1	1067	1005	1034	1035	3.02	cps
Cadmium	106-1	1308	1325	1358	1331	1.91	cps
Cadmium	108-1	4	21	13	13	66.64	cps
Calcium	43-1	1684	1709	1667	1686	1.24	cps
Calcium	44-1	40668	39064	38629	39454	2.72	cps
Chromium	52-2	937	990	860	929	7.04	cps
Cobalt	59-2	47	27	30	34	31.11	cps
Copper	63-2	15656	15652	15349	15552	1.13	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	42	8	25	25	66.68	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	50	50	108	69	48.50	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	9356366	9217929	9235515	9269936	0.81	cps
Holmium	165-2	1833175	1825434	1801510	1820040	0.91	cps
Indium	115-1	6507499	6493393	6419280	6473390	0.73	cps
Indium	115-2	245030	245968	244019	245006	0.40	cps
Iron	56-2	5335	4851	5129	5105	4.75	cps
Iron	57-2	106	128	89	107	18.16	cps
Krypton	83-1	327	363	243	311	19.77	cps
Lead	206-1	24263	24513	23851	24209	1.38	cps
Lead	207-1	19610	20339	19449	19799	2.40	cps
Lead	208-1	94251	94734	92579	93855	1.20	cps
Lithium	6-1	1204627	1177212	1187154	1189664	1.17	cps
Magnesium	24-2	850	1050	725	875	18.74	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5408-01	Instrumnet Name :	P8
Client Sample ID :	380927052.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:31:50	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	63	57	48	44.86	cps
Molybdenum	94-1	6543	6127	6502	6391	3.59	cps
Molybdenum	95-1	9604	9237	9737	9526	2.72	cps
Molybdenum	96-1	10705	11147	10263	10705	4.13	cps
Molybdenum	97-1	6060	6393	6160	6205	2.76	cps
Molybdenum	98-1	15610	15218	15835	15554	2.01	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	163	203	153	173	15.26	cps
Phosphorus	31-2	0	33	8	14	124.91	cps
Potassium	39-2	5543	5109	5301	5318	4.08	cps
Rhodium	103-1	5896365	5862977	5844949	5868097	0.44	cps
Rhodium	103-2	1461237	1457882	1457444	1458854	0.14	cps
Scandium	45-1	3198471	3164984	3177060	3180172	0.53	cps
Scandium	45-2	21443	21797	21540	21593	0.85	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	68	51	152	91	59.28	cps
Silicon	28-1	40145725	39652299	39039353	39612459	1.40	cps
Silver	109-1	1350	1383	1400	1378	1.85	cps
Silver	107-1	1242	1358	1400	1333	6.16	cps
Sodium	23-2	4924136	4937078	4943862	4935025	0.20	cps
Strontium	86-1	3184	3184	3309	3226	2.24	cps
Strontium	88-1	23045	23413	22361	22940	2.33	cps
Sulfur	34-1	700131	694076	677517	690575	1.70	cps
Terbium	159-1	9482384	9476593	9343197	9434058	0.83	cps
Terbium	159-2	1751840	1715194	1723270	1730101	1.11	cps
Thallium	203-1	1534	1475	1267	1425	9.84	cps
Thallium	205-1	3542	3234	3092	3289	7.00	cps
Tin	118-1	10263	10505	11113	10627	4.12	cps
Titanium	47-1	467	408	425	433	6.93	cps
Uranium	238-1	58990	57994	58037	58340	0.97	cps
Vanadium	51-2	3454	3424	3254	3377	3.19	cps
Yttrium	89-1	6398132	6317332	6237838	6317767	1.27	cps
Yttrium	89-2	170749	172058	170454	171087	0.50	cps
Zinc	66-2	970	1087	990	1016	6.14	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5408-01	Instrumnet Name :	P8
Client Sample ID :	380927052.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:31:50	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2009	1867	1909	1928	3.78	cps
Zirconium	91-1	508	433	492	478	8.24	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5409-01	Instrumnet Name :	P8
Client Sample ID :	381001037.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:35:13	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	680	610	600	630	6.92	cps
Antimony	121-1	9470	9796	9862	9709	2.16	cps
Arsenic	75-1	11906	12423	13140	12490	4.96	cps
Barium	135-1	131245	127517	127326	128696	1.72	cps
Barium	137-1	228535	227416	225092	227014	0.77	cps
Beryllium	9-1	239	228	328	265	20.70	cps
Bismuth	209-1	6275942	6708308	6614081	6532777	3.48	cps
Bismuth	209-2	1509123	1473210	1409571	1463968	3.44	cps
Boron	10-1	47112	46360	47337	46936	1.09	cps
Boron	11-1	231590	239733	243016	238113	2.47	cps
Cadmium	111-1	1045	1371	1236	1217	13.44	cps
Cadmium	106-1	975	1458	1250	1228	19.75	cps
Cadmium	108-1	42	54	38	44	19.52	cps
Calcium	43-1	1184132	1168023	1165697	1172617	0.86	cps
Calcium	44-1	19369140	19022066	19019020	19136742	1.05	cps
Chromium	52-2	1103	1163	1080	1116	3.85	cps
Cobalt	59-2	343	327	230	300	20.40	cps
Copper	63-2	16810	16680	16120	16537	2.22	cps
Dysprosium	156-1	992	1083	1142	1072	7.05	cps
Dysprosium	156-2	247	227	173	216	17.59	cps
Erbium	164-1	1559	1442	1375	1458	6.36	cps
Erbium	164-2	233	210	153	199	20.68	cps
Gadolinium	160-1	1125	1133	1200	1153	3.57	cps
Gadolinium	160-2	240	290	307	279	12.44	cps
Holmium	165-1	8815712	9458321	9331418	9201817	3.70	cps
Holmium	165-2	1819525	1762122	1712043	1764564	3.05	cps
Indium	115-1	6119322	6604798	6538593	6420904	4.10	cps
Indium	115-2	247036	241249	228740	239008	3.91	cps
Iron	56-2	114833	111050	102997	109627	5.51	cps
Iron	57-2	2984	2817	2878	2893	2.92	cps
Krypton	83-1	333	297	293	308	7.21	cps
Lead	206-1	13018	12918	12707	12881	1.23	cps
Lead	207-1	9798	9899	10143	9947	1.78	cps
Lead	208-1	48449	48231	48320	48333	0.23	cps
Lithium	6-1	1098866	1170941	1163928	1144579	3.47	cps
Magnesium	24-2	451457	449543	424125	441708	3.45	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5409-01	Instrumnet Name :	P8
Client Sample ID :	381001037.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:35:13	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2137	1917	1897	1984	6.71	cps
Molybdenum	94-1	1550	1433	1267	1417	10.05	cps
Molybdenum	95-1	1317	1283	1367	1322	3.17	cps
Molybdenum	96-1	1517	1467	1525	1503	2.10	cps
Molybdenum	97-1	1042	842	867	917	11.89	cps
Molybdenum	98-1	2384	2292	2117	2264	5.99	cps
Neodymium	150-1	1400	1153	1187	1247	10.74	cps
Neodymium	150-2	167	130	157	151	12.54	cps
Nickel	60-2	510	560	577	549	6.32	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	59243	56598	53436	56426	5.15	cps
Rhodium	103-1	5495699	5984438	5942052	5807396	4.66	cps
Rhodium	103-2	1472922	1441294	1378131	1430782	3.37	cps
Scandium	45-1	3008852	3224665	3179775	3137764	3.63	cps
Scandium	45-2	21820	20979	20221	21007	3.81	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	9	7	4	7	41.70	cps
Selenium	82-1	267	279	275	273	2.23	cps
Silicon	28-1	20852344	20577259	20483796	20637799	0.93	cps
Silver	109-1	1150	1142	1759	1350	26.20	cps
Silver	107-1	1133	1483	1442	1353	14.13	cps
Sodium	23-2	902277	883714	840008	875333	3.65	cps
Strontium	86-1	436290	427423	426117	429943	1.29	cps
Strontium	88-1	3853161	3801996	3769165	3808107	1.11	cps
Sulfur	34-1	508815	511275	510645	510245	0.25	cps
Terbium	159-1	8986547	9614033	9540460	9380347	3.66	cps
Terbium	159-2	1741899	1684099	1640488	1688829	3.01	cps
Thallium	203-1	683	692	708	695	1.83	cps
Thallium	205-1	1684	1659	1784	1709	3.87	cps
Tin	118-1	2184	2159	2342	2228	4.46	cps
Titanium	47-1	3551	3001	3151	3234	8.80	cps
Uranium	238-1	31157	29661	29060	29959	3.60	cps
Vanadium	51-2	570	517	500	529	6.91	cps
Yttrium	89-1	6011708	6503184	6424685	6313192	4.18	cps
Yttrium	89-2	171663	168906	161274	167281	3.22	cps
Zinc	66-2	13260	12569	12339	12723	3.77	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5409-01	Instrumnet Name :	P8
Client Sample ID :	381001037.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:35:13	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1317	1575	1550	1481	9.63	cps
Zirconium	91-1	408	358	317	361	12.71	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5410-01	Instrumnet Name :	P8
Client Sample ID :	381001039.4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:38:35	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80	83	78	80	3.12	cps
Antimony	121-1	3109	3576	3009	3231	9.36	cps
Arsenic	75-1	16794	19439	20132	18789	9.38	cps
Barium	135-1	1225	1225	1067	1172	7.80	cps
Barium	137-1	2000	2259	1734	1997	13.15	cps
Beryllium	9-1	156	122	211	163	27.55	cps
Bismuth	209-1	6475536	6494202	5965767	6311835	4.75	cps
Bismuth	209-2	1335926	1336664	1453872	1375487	4.94	cps
Boron	10-1	4026	3942	3667	3878	4.84	cps
Boron	11-1	20582	19981	17578	19380	8.20	cps
Cadmium	111-1	803	875	688	789	11.95	cps
Cadmium	106-1	1108	1267	975	1117	13.08	cps
Cadmium	108-1	8	29	4	14	96.44	cps
Calcium	43-1	31111	30259	28798	30056	3.89	cps
Calcium	44-1	513718	520427	480431	504859	4.24	cps
Chromium	52-2	563	447	483	498	11.99	cps
Cobalt	59-2	47	63	47	52	18.42	cps
Copper	63-2	34206	33878	37096	35060	5.05	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	58	25	75	53	48.24	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	67	83	50	67	25.00	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	9196629	9161468	8454195	8937430	4.69	cps
Holmium	165-2	1602563	1603715	1751772	1652684	5.19	cps
Indium	115-1	6260707	6407174	5845585	6171155	4.72	cps
Indium	115-2	215282	214664	235015	221654	5.22	cps
Iron	56-2	3023	3028	3206	3086	3.38	cps
Iron	57-2	94	61	83	80	21.32	cps
Krypton	83-1	340	343	280	321	11.10	cps
Lead	206-1	4812	4823	4573	4736	2.98	cps
Lead	207-1	3962	3934	3734	3877	3.21	cps
Lead	208-1	18756	18561	16827	18048	5.88	cps
Lithium	6-1	1157446	1161240	1050780	1123155	5.58	cps
Magnesium	24-2	104801	100831	112510	106047	5.60	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5410-01	Instrumnet Name :	P8
Client Sample ID :	381001039.4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:38:35	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130	160	107	132	20.22	cps
Molybdenum	94-1	767	858	692	772	10.81	cps
Molybdenum	95-1	725	733	583	681	12.39	cps
Molybdenum	96-1	892	925	950	922	3.17	cps
Molybdenum	97-1	508	500	517	508	1.64	cps
Molybdenum	98-1	1200	1033	1183	1139	8.06	cps
Neodymium	150-1	13	33	0	16	107.86	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	373	330	353	352	6.16	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	35229	33599	35747	34858	3.21	cps
Rhodium	103-1	5699431	5739046	5219192	5552557	5.21	cps
Rhodium	103-2	1286326	1284960	1413560	1328282	5.56	cps
Scandium	45-1	3105551	3138493	2892632	3045559	4.38	cps
Scandium	45-2	18556	18936	20769	19420	6.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-23	-20	53	4	1205.34	cps
Silicon	28-1	49191641	50056045	45872478	48373388	4.57	cps
Silver	109-1	767	692	792	750	6.94	cps
Silver	107-1	850	808	967	875	9.38	cps
Sodium	23-2	8493767	8426347	9258714	8726276	5.30	cps
Strontium	86-1	19782	19974	18138	19298	5.23	cps
Strontium	88-1	165130	168251	152948	162110	4.99	cps
Sulfur	34-1	453133	454831	432795	446920	2.74	cps
Terbium	159-1	9187283	9433368	8527368	9049339	5.18	cps
Terbium	159-2	1504374	1494166	1652148	1550229	5.70	cps
Thallium	203-1	475	383	492	450	12.96	cps
Thallium	205-1	942	792	933	889	9.48	cps
Tin	118-1	1850	1792	1784	1809	2.01	cps
Titanium	47-1	525	600	517	547	8.39	cps
Uranium	238-1	2950	3134	2784	2956	5.92	cps
Vanadium	51-2	110	83	113	102	16.08	cps
Yttrium	89-1	6184518	6240324	5705880	6043574	4.86	cps
Yttrium	89-2	152280	151793	165564	156546	4.99	cps
Zinc	66-2	1713	1573	1763	1683	5.85	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5410-01	Instrumnet Name :	P8
Client Sample ID :	381001039.4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:38:35	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1108	1192	1033	1111	7.13	cps
Zirconium	91-1	192	317	242	250	25.16	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5411-01	Instrumnet Name :	P8
Client Sample ID :	381002181.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:41:59	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115	88	118	107	15.61	cps
Antimony	121-1	3901	4226	4468	4198	6.78	cps
Arsenic	75-1	17328	17912	18413	17884	3.04	cps
Barium	135-1	25893	26327	27688	26636	3.52	cps
Barium	137-1	45663	45830	48867	46787	3.85	cps
Beryllium	9-1	122	206	133	154	29.44	cps
Bismuth	209-1	6979287	5562158	291388	4277611	82.39	cps
Bismuth	209-2	804184	1493861	1505938	1267994	31.68	cps
Boron	10-1	3092	3459	3142	3231	6.16	cps
Boron	11-1	16710	16393	17261	16788	2.62	cps
Cadmium	111-1	881	738	76	565	76.04	cps
Cadmium	106-1	1225	975	33	745	84.41	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Calcium	43-1	1055502	1056885	1120779	1077722	3.46	cps
Calcium	44-1	17149594	17321510	18018646	17496583	2.63	cps
Chromium	52-2	1070	1103	1110	1095	1.96	cps
Cobalt	59-2	470	750	770	663	25.29	cps
Copper	63-2	434479	413624	412762	420288	2.93	cps
Dysprosium	156-1	50	17	17	28	69.27	cps
Dysprosium	156-2	20	3	0	8	137.80	cps
Erbium	164-1	142	67	75	94	43.53	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	50	42	42	44	10.82	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	9826982	7667983	191701	5895555	85.76	cps
Holmium	165-2	980926	1795440	1804629	1526998	30.97	cps
Indium	115-1	6766390	5268037	145814	4060081	85.51	cps
Indium	115-2	131079	243688	242717	205828	31.45	cps
Iron	56-2	81500	78996	76577	79024	3.12	cps
Iron	57-2	2145	1906	1945	1998	6.42	cps
Krypton	83-1	297	320	437	351	21.36	cps
Lead	206-1	533202	542973	567647	547941	3.24	cps
Lead	207-1	449179	452974	474122	458758	2.93	cps
Lead	208-1	2099385	2124959	2236024	2153456	3.37	cps
Lithium	6-1	1213676	977072	143447	778065	72.25	cps
Magnesium	24-2	638713	603241	601098	614351	3.44	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5411-01	Instrumnet Name :	P8
Client Sample ID :	381002181.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:41:59	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	427	433	413	424	2.40	cps
Molybdenum	94-1	1092	1208	975	1092	10.69	cps
Molybdenum	95-1	1225	1125	1267	1206	6.04	cps
Molybdenum	96-1	1717	1250	1425	1464	16.11	cps
Molybdenum	97-1	708	683	758	717	5.33	cps
Molybdenum	98-1	1984	2159	2259	2134	6.53	cps
Neodymium	150-1	20	27	20	22	17.33	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	533	697	673	634	13.92	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	12990	12064	12956	12670	4.15	cps
Rhodium	103-1	6143407	4718352	125048	3662269	85.88	cps
Rhodium	103-2	782338	1453618	1459877	1231944	31.61	cps
Scandium	45-1	3270738	2666353	138089	2025060	82.07	cps
Scandium	45-2	10136	21016	21417	17523	36.53	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	12	43	-19	12	263.16	cps
Silicon	28-1	28854606	28869854	30317554	29347338	2.86	cps
Silver	109-1	1008	942	942	964	3.99	cps
Silver	107-1	892	1033	975	967	7.37	cps
Sodium	23-2	606247	576143	572639	585010	3.16	cps
Strontium	86-1	207909	205568	219994	211157	3.67	cps
Strontium	88-1	1858913	1855138	1976853	1896968	3.65	cps
Sulfur	34-1	420920	420957	415347	419075	0.77	cps
Terbium	159-1	9946320	7687736	195330	5943129	85.88	cps
Terbium	159-2	936691	1715772	1732332	1461599	31.11	cps
Thallium	203-1	358	417	217	331	31.12	cps
Thallium	205-1	867	900	758	842	8.80	cps
Tin	118-1	7219	6869	7336	7141	3.40	cps
Titanium	47-1	408	542	350	433	22.67	cps
Uranium	238-1	35886	35727	38460	36691	4.18	cps
Vanadium	51-2	523	557	540	540	3.09	cps
Yttrium	89-1	6659461	5220331	140731	4006841	85.47	cps
Yttrium	89-2	90781	170388	169365	143511	31.82	cps
Zinc	66-2	2674	2464	2614	2584	4.19	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5411-01	Instrumnet Name :	P8
Client Sample ID :	381002181.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:41:59	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1158	1033	558	917	34.53	cps
Zirconium	91-1	208	258	150	206	26.38	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5411-02	Instrumnet Name :	P8
Client Sample ID :	381002182	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:45:23	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	103	135	110	20.20	cps
Antimony	121-1	3017	2950	3376	3114	7.34	cps
Arsenic	75-1	22878	23655	24707	23746	3.86	cps
Barium	135-1	608	600	417	542	20.00	cps
Barium	137-1	1017	858	875	917	9.49	cps
Beryllium	9-1	272	228	261	254	9.12	cps
Bismuth	209-1	6799268	6739472	6654819	6731186	1.08	cps
Bismuth	209-2	1534834	1531806	1517565	1528068	0.60	cps
Boron	10-1	3175	2892	2867	2978	5.75	cps
Boron	11-1	14650	14983	14933	14855	1.21	cps
Cadmium	111-1	1057	895	1061	1005	9.40	cps
Cadmium	106-1	1283	1125	1383	1264	10.31	cps
Cadmium	108-1	29	13	17	19	44.61	cps
Calcium	43-1	1617	1367	1575	1520	8.82	cps
Calcium	44-1	35304	35404	35028	35246	0.55	cps
Chromium	52-2	823	783	823	810	2.85	cps
Cobalt	59-2	113	130	137	127	9.49	cps
Copper	63-2	133830	132444	133355	133210	0.53	cps
Dysprosium	156-1	25	58	8	31	83.33	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	58	58	67	61	7.87	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	17	117	8	47	127.66	cps
Gadolinium	160-2	13	3	7	8	65.47	cps
Holmium	165-1	9372947	9400222	9272980	9348716	0.72	cps
Holmium	165-2	1832090	1824865	1808167	1821707	0.67	cps
Indium	115-1	6538923	6530596	6448073	6505864	0.77	cps
Indium	115-2	248922	245907	246176	247002	0.68	cps
Iron	56-2	2806	2895	2645	2782	4.56	cps
Iron	57-2	72	78	144	98	40.95	cps
Krypton	83-1	273	317	367	319	14.65	cps
Lead	206-1	3584	3339	3245	3389	5.16	cps
Lead	207-1	3012	2723	2689	2808	6.31	cps
Lead	208-1	14142	12959	12180	13094	7.55	cps
Lithium	6-1	1169961	1159939	1150675	1160192	0.83	cps
Magnesium	24-2	525	708	658	631	15.03	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5411-02	Instrumnet Name :	P8
Client Sample ID :	381002182	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:45:23	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120	110	83	104	18.14	cps
Molybdenum	94-1	1150	1058	1275	1161	9.37	cps
Molybdenum	95-1	1609	1350	1200	1386	14.90	cps
Molybdenum	96-1	1542	1642	1467	1550	5.66	cps
Molybdenum	97-1	975	917	908	933	3.89	cps
Molybdenum	98-1	2467	2259	2159	2295	6.86	cps
Neodymium	150-1	27	20	27	24	15.75	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	270	270	253	264	3.64	cps
Phosphorus	31-2	8	17	17	14	34.67	cps
Potassium	39-2	2009	2250	1975	2078	7.22	cps
Rhodium	103-1	5882541	5887554	5857528	5875874	0.27	cps
Rhodium	103-2	1486803	1482551	1480402	1483252	0.22	cps
Scandium	45-1	3196514	3180277	3159998	3178929	0.58	cps
Scandium	45-2	21760	21657	21196	21538	1.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	35	17	-54	-1	-6012.49	cps
Silicon	28-1	27486488	27292294	26994363	27257715	0.91	cps
Silver	109-1	842	767	742	783	6.64	cps
Silver	107-1	658	1058	892	870	23.11	cps
Sodium	23-2	6733534	6703302	6642825	6693220	0.69	cps
Strontium	86-1	1183	1067	1250	1167	7.95	cps
Strontium	88-1	6285	6527	5952	6254	4.62	cps
Sulfur	34-1	422463	416129	415433	418008	0.93	cps
Terbium	159-1	9535175	9663114	9433551	9543947	1.21	cps
Terbium	159-2	1779182	1746272	1743605	1756353	1.13	cps
Thallium	203-1	600	525	508	544	8.97	cps
Thallium	205-1	1767	1392	1158	1439	21.33	cps
Tin	118-1	1208	1584	1517	1436	13.93	cps
Titanium	47-1	367	308	408	361	13.91	cps
Uranium	238-1	20059	19641	18615	19438	3.82	cps
Vanadium	51-2	300	320	290	303	5.04	cps
Yttrium	89-1	6418544	6357425	6272901	6349623	1.15	cps
Yttrium	89-2	172488	171772	171029	171763	0.42	cps
Zinc	66-2	1520	1620	1540	1560	3.39	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5411-02	Instrumnet Name :	P8
Client Sample ID :	381002182	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:45:23	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1158	1117	1000	1092	7.52	cps
Zirconium	91-1	200	167	208	192	11.50	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5414-01	Instrumnet Name :	P8
Client Sample ID :	381001013.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:48:46	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173	163	165	167	3.13	cps
Antimony	121-1	3451	3909	3742	3701	6.27	cps
Arsenic	75-1	23613	25357	25224	24731	3.93	cps
Barium	135-1	69357	67673	66786	67939	1.92	cps
Barium	137-1	119218	120715	118562	119498	0.92	cps
Beryllium	9-1	156	217	172	181	17.41	cps
Bismuth	209-1	6843320	6838602	6658513	6780145	1.55	cps
Bismuth	209-2	1515235	1521612	1419584	1485477	3.85	cps
Boron	10-1	15259	16076	15935	15756	2.77	cps
Boron	11-1	78281	78355	82068	79568	2.72	cps
Cadmium	111-1	986	785	901	891	11.35	cps
Cadmium	106-1	1383	1083	1275	1247	12.18	cps
Cadmium	108-1	17	4	0	7	124.88	cps
Calcium	43-1	674165	669855	667440	670487	0.51	cps
Calcium	44-1	10984281	10899628	10899303	10927737	0.45	cps
Chromium	52-2	4017	4391	4364	4257	4.89	cps
Cobalt	59-2	213	217	197	209	5.13	cps
Copper	63-2	58955	58091	58657	58567	0.75	cps
Dysprosium	156-1	317	333	358	336	6.24	cps
Dysprosium	156-2	77	43	83	68	31.62	cps
Erbium	164-1	558	658	675	631	10.01	cps
Erbium	164-2	120	117	107	114	6.06	cps
Gadolinium	160-1	458	433	492	461	6.35	cps
Gadolinium	160-2	70	113	97	93	23.42	cps
Holmium	165-1	9590827	9447966	9497065	9511953	0.76	cps
Holmium	165-2	1814149	1809810	1669556	1764505	4.66	cps
Indium	115-1	6604354	6518704	6430408	6517822	1.33	cps
Indium	115-2	242324	242173	223867	236121	4.49	cps
Iron	56-2	662715	661080	658928	660908	0.29	cps
Iron	57-2	16432	17395	16777	16868	2.89	cps
Krypton	83-1	253	307	290	283	9.63	cps
Lead	206-1	21391	20411	20445	20749	2.68	cps
Lead	207-1	17551	18330	16906	17596	4.05	cps
Lead	208-1	82924	81693	80385	81667	1.55	cps
Lithium	6-1	1187617	1193699	1180986	1187434	0.54	cps
Magnesium	24-2	599711	594580	595271	596521	0.47	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5414-01	Instrumnet Name :	P8
Client Sample ID :	381001013.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:48:46	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	680	683	750	704	5.61	cps
Molybdenum	94-1	592	683	625	633	7.33	cps
Molybdenum	95-1	483	567	567	539	8.93	cps
Molybdenum	96-1	750	683	600	678	11.09	cps
Molybdenum	97-1	267	400	358	342	19.96	cps
Molybdenum	98-1	875	817	758	817	7.14	cps
Neodymium	150-1	427	373	367	389	8.46	cps
Neodymium	150-2	53	50	40	48	14.52	cps
Nickel	60-2	2860	2864	2900	2875	0.77	cps
Phosphorus	31-2	8	0	25	11	114.58	cps
Potassium	39-2	30459	31110	31235	30935	1.35	cps
Rhodium	103-1	5930480	5867668	5837799	5878649	0.80	cps
Rhodium	103-2	1453568	1450727	1350280	1418192	4.15	cps
Scandium	45-1	3198497	3179494	3126783	3168258	1.17	cps
Scandium	45-2	20425	20846	19791	20354	2.61	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	27	1	21	16	84.62	cps
Silicon	28-1	47418074	47060058	46636218	47038117	0.83	cps
Silver	109-1	933	950	658	847	19.33	cps
Silver	107-1	808	867	800	825	4.40	cps
Sodium	23-2	929899	926816	927448	928054	0.18	cps
Strontium	86-1	260488	258579	259045	259371	0.38	cps
Strontium	88-1	2348861	2294460	2306297	2316539	1.24	cps
Sulfur	34-1	441484	443041	438452	440993	0.53	cps
Terbium	159-1	9764770	9638525	9541236	9648177	1.16	cps
Terbium	159-2	1733461	1739049	1613345	1695285	4.19	cps
Thallium	203-1	442	308	367	372	17.96	cps
Thallium	205-1	817	883	708	803	11.00	cps
Tin	118-1	3776	3801	3709	3762	1.26	cps
Titanium	47-1	3051	2384	2500	2645	13.47	cps
Uranium	238-1	7761	7061	7202	7341	5.04	cps
Vanadium	51-2	337	277	233	282	18.39	cps
Yttrium	89-1	6407841	6356830	6405608	6390093	0.45	cps
Yttrium	89-2	166633	168147	155697	163492	4.16	cps
Zinc	66-2	3884	3681	3827	3797	2.76	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5414-01	Instrumnet Name :	P8
Client Sample ID :	381001013.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:48:46	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1242	1008	1017	1089	12.16	cps
Zirconium	91-1	233	192	325	250	27.28	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5423-01	Instrumnet Name :	P8
Client Sample ID :	381002186.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:52:09	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95	90	55	80	27.25	cps
Antimony	121-1	3042	3217	3459	3239	6.46	cps
Arsenic	75-1	17779	18171	17979	17976	1.09	cps
Barium	135-1	25584	25918	25384	25628	1.05	cps
Barium	137-1	45664	45554	45487	45568	0.20	cps
Beryllium	9-1	178	156	178	170	7.53	cps
Bismuth	209-1	7085586	7008368	7037472	7043809	0.55	cps
Bismuth	209-2	1584550	1586268	1615692	1595503	1.10	cps
Boron	10-1	134962	138388	141558	138303	2.39	cps
Boron	11-1	673944	690298	695791	686678	1.65	cps
Cadmium	111-1	925	1038	841	935	10.61	cps
Cadmium	106-1	1325	1417	1167	1303	9.71	cps
Cadmium	108-1	46	17	25	29	51.50	cps
Calcium	43-1	6547739	6424993	6389329	6454020	1.29	cps
Calcium	44-1	106191257	104396696	104569802	105052585	0.94	cps
Chromium	52-2	520	580	600	567	7.35	cps
Cobalt	59-2	270	260	280	270	3.70	cps
Copper	63-2	94029	92895	95126	94016	1.19	cps
Dysprosium	156-1	17	33	42	31	41.66	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	58	58	67	61	7.87	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	75	75	42	64	30.12	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	10046566	9904677	9973437	9974893	0.71	cps
Holmium	165-2	1924542	1929623	1971828	1941998	1.34	cps
Indium	115-1	6768827	6580273	6710951	6686683	1.44	cps
Indium	115-2	248648	249038	252768	250151	0.91	cps
Iron	56-2	1022438	1015838	1030494	1022923	0.72	cps
Iron	57-2	25602	25273	26158	25678	1.74	cps
Krypton	83-1	263	323	280	289	10.72	cps
Lead	206-1	15104	15421	15165	15230	1.10	cps
Lead	207-1	13241	12807	12785	12944	1.99	cps
Lead	208-1	59996	60341	60537	60291	0.45	cps
Lithium	6-1	1210056	1196970	1174924	1193983	1.49	cps
Magnesium	24-2	1044497	1053235	1060166	1052633	0.75	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5423-01	Instrumnet Name :	P8
Client Sample ID :	381002186.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:52:09	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67894	68142	68386	68141	0.36	cps
Molybdenum	94-1	34837	34069	34345	34417	1.13	cps
Molybdenum	95-1	56794	56502	57455	56917	0.86	cps
Molybdenum	96-1	62059	62060	62043	62054	0.02	cps
Molybdenum	97-1	35548	36366	36007	35974	1.14	cps
Molybdenum	98-1	93488	93471	94453	93804	0.60	cps
Neodymium	150-1	73	40	20	44	60.63	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	377	410	367	384	5.90	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	21851	22769	22552	22391	2.14	cps
Rhodium	103-1	5974724	5912514	5965030	5950756	0.56	cps
Rhodium	103-2	1493447	1490555	1529633	1504545	1.45	cps
Scandium	45-1	3236323	3140399	3185987	3187570	1.51	cps
Scandium	45-2	21183	21283	21203	21223	0.25	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	102	47	85	78	36.11	cps
Silicon	28-1	30018637	29590349	29240618	29616535	1.32	cps
Silver	109-1	767	842	1075	895	17.98	cps
Silver	107-1	900	942	867	903	4.16	cps
Sodium	23-2	3893330	3876548	3961840	3910572	1.16	cps
Strontium	86-1	16691964	16606870	16566158	16621664	0.39	cps
Strontium	88-1	146479274	145048782	145240920	145589659	0.53	cps
Sulfur	34-1	7238178	7134972	7124194	7165781	0.88	cps
Terbium	159-1	10008310	9937272	10043878	9996487	0.54	cps
Terbium	159-2	1837312	1839563	1875952	1850942	1.17	cps
Thallium	203-1	292	400	367	353	15.73	cps
Thallium	205-1	867	825	1033	908	12.14	cps
Tin	118-1	5210	5168	5243	5207	0.72	cps
Titanium	47-1	575	517	517	536	6.28	cps
Uranium	238-1	117820	115970	115432	116407	1.08	cps
Vanadium	51-2	1487	1440	1487	1471	1.83	cps
Yttrium	89-1	6553931	6509803	6531569	6531768	0.34	cps
Yttrium	89-2	171819	171957	175155	172977	1.09	cps
Zinc	66-2	60786	60110	60953	60616	0.74	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5423-01	Instrumnet Name :	P8
Client Sample ID :	381002186.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 14:52:09	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4192	4118	3951	4087	3.03	cps
Zirconium	91-1	1025	792	692	836	20.46	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5424-01	Instrumnet Name :	P8
Client Sample ID :	381001041.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:22:18	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68	73	85	75	12.02	cps
Antimony	121-1	1558	1834	1800	1731	8.67	cps
Arsenic	75-1	14709	16853	17662	16408	9.30	cps
Barium	135-1	1421231	1410370	1404656	1412085	0.60	cps
Barium	137-1	2587100	2557676	2547607	2564128	0.80	cps
Beryllium	9-1	89	56	89	78	24.74	cps
Bismuth	209-1	7247205	7165164	6583239	6998536	5.17	cps
Bismuth	209-2	1678469	1600898	1598132	1625833	2.81	cps
Boron	10-1	9545	9770	9345	9554	2.23	cps
Boron	11-1	46468	46869	47638	46992	1.27	cps
Cadmium	111-1	859	835	853	849	1.46	cps
Cadmium	106-1	1200	1150	1200	1183	2.44	cps
Cadmium	108-1	8	4	17	10	65.47	cps
Calcium	43-1	1234150	1217317	1218550	1223339	0.77	cps
Calcium	44-1	20012747	19713059	19702424	19809410	0.89	cps
Chromium	52-2	523	497	447	489	7.96	cps
Cobalt	59-2	33	30	50	38	28.37	cps
Copper	63-2	16777	16213	16180	16390	2.05	cps
Dysprosium	156-1	25	58	33	39	44.62	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	50	67	50	56	17.32	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	50	50	117	72	53.30	cps
Gadolinium	160-2	3	0	13	6	124.93	cps
Holmium	165-1	10192737	10087352	9192653	9824247	5.59	cps
Holmium	165-2	1954794	1911942	1897968	1921568	1.54	cps
Indium	115-1	6994352	6884396	6329129	6735959	5.29	cps
Indium	115-2	255992	250048	251967	252669	1.20	cps
Iron	56-2	1711	1733	1789	1745	2.30	cps
Iron	57-2	117	78	61	85	33.47	cps
Krypton	83-1	267	250	340	286	16.77	cps
Lead	206-1	2072	2178	2267	2172	4.48	cps
Lead	207-1	1950	1939	1734	1874	6.51	cps
Lead	208-1	8807	8535	8451	8598	2.16	cps
Lithium	6-1	1230771	1213667	1128520	1190986	4.60	cps
Magnesium	24-2	360267	358229	360086	359527	0.31	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5424-01	Instrumnet Name :	P8
Client Sample ID :	381001041.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:22:18	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	60	63	57	15.56	cps
Molybdenum	94-1	817	842	775	811	4.15	cps
Molybdenum	95-1	708	858	633	733	15.62	cps
Molybdenum	96-1	842	700	867	803	11.20	cps
Molybdenum	97-1	475	342	500	439	19.39	cps
Molybdenum	98-1	1050	1083	1025	1053	2.78	cps
Neodymium	150-1	80	73	33	62	40.57	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	187	213	213	204	7.53	cps
Phosphorus	31-2	8	0	25	11	114.58	cps
Potassium	39-2	18380	18071	18379	18277	0.98	cps
Rhodium	103-1	6274997	6194760	5602111	6023956	6.10	cps
Rhodium	103-2	1579844	1532894	1528777	1547172	1.83	cps
Scandium	45-1	3365360	3258713	3020494	3214856	5.49	cps
Scandium	45-2	22542	21740	21220	21834	3.05	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	25	98	-45	26	275.58	cps
Silicon	28-1	38389208	37913952	37777136	38026765	0.84	cps
Silver	109-1	867	883	1025	925	9.41	cps
Silver	107-1	900	933	1150	995	13.65	cps
Sodium	23-2	753685	747506	745403	748865	0.57	cps
Strontium	86-1	395549	388852	387706	390703	1.08	cps
Strontium	88-1	3546634	3464322	3477687	3496214	1.26	cps
Sulfur	34-1	384567	377510	375876	379318	1.22	cps
Terbium	159-1	10297383	10167115	9337481	9933993	5.24	cps
Terbium	159-2	1880690	1828120	1823448	1844086	1.72	cps
Thallium	203-1	633	533	492	553	13.17	cps
Thallium	205-1	1717	1317	1233	1422	18.17	cps
Tin	118-1	1242	1283	1358	1295	4.57	cps
Titanium	47-1	475	467	475	472	1.02	cps
Uranium	238-1	48253	47216	48161	47876	1.20	cps
Vanadium	51-2	2820	2937	3017	2925	3.38	cps
Yttrium	89-1	6783532	6687817	6099234	6523528	5.68	cps
Yttrium	89-2	177946	174486	172564	174999	1.56	cps
Zinc	66-2	3357	3227	3127	3237	3.56	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5424-01	Instrumnet Name :	P8
Client Sample ID :	381001041.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:22:18	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1258	1142	1150	1183	5.50	cps
Zirconium	91-1	283	375	225	294	25.68	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113804BL	Instrumnet Name :	P8
Client Sample ID :	PB113804BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:25:40	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5	15	10	10	50.00	cps
Antimony	121-1	517	633	667	606	13.01	cps
Arsenic	75-1	1500	1317	1317	1378	7.68	cps
Barium	135-1	92	75	33	67	45.07	cps
Barium	137-1	175	92	108	125	35.28	cps
Beryllium	9-1	106	122	111	113	7.51	cps
Bismuth	209-1	6699746	6682864	6641712	6674774	0.45	cps
Bismuth	209-2	1465895	1521688	1570960	1519514	3.46	cps
Boron	10-1	1058	1192	992	1081	9.42	cps
Boron	11-1	5818	5826	5501	5715	3.24	cps
Cadmium	111-1	882	874	914	890	2.36	cps
Cadmium	106-1	1242	1233	1292	1256	2.51	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	242	258	250	250	3.33	cps
Calcium	44-1	9212	8711	8411	8778	4.61	cps
Chromium	52-2	353	330	263	316	14.80	cps
Cobalt	59-2	30	13	23	22	37.76	cps
Copper	63-2	357	340	257	318	16.86	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	33	8	25	57.75	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	17	58	75	50	60.09	cps
Gadolinium	160-2	0	10	0	3	173.21	cps
Holmium	165-1	9257939	9262746	9280616	9267100	0.13	cps
Holmium	165-2	1755510	1809611	1824884	1796668	2.03	cps
Indium	115-1	6408884	6495071	6366746	6423567	1.02	cps
Indium	115-2	238978	242949	249210	243713	2.12	cps
Iron	56-2	856	872	783	837	5.65	cps
Iron	57-2	28	6	6	13	98.94	cps
Krypton	83-1	297	343	317	319	7.34	cps
Lead	206-1	422	400	483	435	9.92	cps
Lead	207-1	400	372	417	396	5.67	cps
Lead	208-1	1850	1656	1995	1833	9.28	cps
Lithium	6-1	1117936	1111189	1119394	1116173	0.39	cps
Magnesium	24-2	183	217	225	208	10.58	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113804BL	Instrumnet Name :	P8
Client Sample ID :	PB113804BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:25:40	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	20	17	20	16.65	cps
Molybdenum	94-1	283	250	383	306	22.71	cps
Molybdenum	95-1	108	117	100	108	7.69	cps
Molybdenum	96-1	183	175	150	169	10.24	cps
Molybdenum	97-1	150	75	108	111	33.82	cps
Molybdenum	98-1	167	150	183	167	10.00	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	153	160	110	141	19.24	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	1375	1659	1358	1464	11.52	cps
Rhodium	103-1	5925197	5941325	5910823	5925782	0.26	cps
Rhodium	103-2	1445250	1472474	1528384	1482036	2.86	cps
Scandium	45-1	3100564	3077221	3152449	3110078	1.24	cps
Scandium	45-2	21089	20769	20996	20951	0.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	49	-10	-34	2	2536.70	cps
Silicon	28-1	155201	135280	133153	141212	8.61	cps
Silver	109-1	333	433	250	339	27.09	cps
Silver	107-1	492	333	375	400	20.52	cps
Sodium	23-2	4026	4209	3892	4042	3.93	cps
Strontium	86-1	575	492	450	506	12.59	cps
Strontium	88-1	492	275	317	361	31.84	cps
Sulfur	34-1	291698	291493	294783	292658	0.63	cps
Terbium	159-1	9386832	9355502	9319600	9353978	0.36	cps
Terbium	159-2	1675774	1723736	1752218	1717243	2.25	cps
Thallium	203-1	258	175	200	211	20.26	cps
Thallium	205-1	508	583	483	525	9.91	cps
Tin	118-1	1108	900	925	978	11.63	cps
Titanium	47-1	42	50	75	56	31.22	cps
Uranium	238-1	42	33	42	39	12.38	cps
Vanadium	51-2	0	7	0	2	173.21	cps
Yttrium	89-1	6333913	6270952	6290925	6298597	0.51	cps
Yttrium	89-2	164936	167573	171954	168154	2.11	cps
Zinc	66-2	73	67	93	78	17.85	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113804BL	Instrumnet Name :	P8
Client Sample ID :	PB113804BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:25:40	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	583	750	558	631	16.52	cps
Zirconium	91-1	67	125	158	117	39.77	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113804BS	Instrumnet Name :	P8
Client Sample ID :	PB113804BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:29:03	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55042	54914	54422	54793	0.60	cps
Antimony	121-1	5383347	5375885	5397533	5385588	0.20	cps
Arsenic	75-1	1142240	1136446	1134220	1137635	0.36	cps
Barium	135-1	5880973	5776113	5754024	5803703	1.17	cps
Barium	137-1	10194620	10104952	10115999	10138524	0.48	cps
Beryllium	9-1	588732	587936	584446	587038	0.39	cps
Bismuth	209-1	6458734	6446927	6534860	6480174	0.74	cps
Bismuth	209-2	1484013	1476414	1483474	1481301	0.29	cps
Boron	10-1	65952	66907	69711	67523	2.89	cps
Boron	11-1	325094	330001	340359	331818	2.35	cps
Cadmium	111-1	1173254	1173817	1172502	1173191	0.06	cps
Cadmium	106-1	121652	122889	122940	122494	0.60	cps
Cadmium	108-1	84434	83142	82815	83464	1.03	cps
Calcium	43-1	958581	959518	965168	961089	0.37	cps
Calcium	44-1	15755237	15826819	15652413	15744823	0.56	cps
Chromium	52-2	356425	356901	356949	356759	0.08	cps
Cobalt	59-2	805119	807456	803249	805275	0.26	cps
Copper	63-2	1409648	1421152	1417953	1416251	0.42	cps
Dysprosium	156-1	75	67	83	75	11.11	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	17	33	33	28	34.63	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	75	67	58	67	12.49	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	9088469	9151430	9184439	9141446	0.53	cps
Holmium	165-2	1785719	1788413	1790892	1788341	0.14	cps
Indium	115-1	6086461	6171822	6160560	6139614	0.76	cps
Indium	115-2	233480	232544	233844	233289	0.29	cps
Iron	56-2	12626495	12492184	12470576	12529752	0.67	cps
Iron	57-2	318219	317662	315992	317291	0.37	cps
Krypton	83-1	307	260	350	306	14.73	cps
Lead	206-1	4282732	4322222	4294204	4299719	0.47	cps
Lead	207-1	3941406	3972621	3974301	3962776	0.47	cps
Lead	208-1	17664094	17751117	17721436	17712216	0.25	cps
Lithium	6-1	1086848	1081978	1079115	1082647	0.36	cps
Magnesium	24-2	1326187	1310607	1300206	1312333	1.00	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113804BS	Instrumnet Name :	P8
Client Sample ID :	PB113804BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:29:03	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	210038	207776	206836	208217	0.79	cps
Molybdenum	94-1	8608378	8570690	8539781	8572950	0.40	cps
Molybdenum	95-1	10617558	10599279	10523706	10580181	0.47	cps
Molybdenum	96-1	11801598	11783007	11661768	11748791	0.65	cps
Molybdenum	97-1	6650072	6674262	6616011	6646782	0.44	cps
Molybdenum	98-1	17223848	17250870	17107469	17194062	0.44	cps
Neodymium	150-1	233	247	240	240	2.78	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	236935	240752	239365	239017	0.81	cps
Phosphorus	31-2	3626	3101	3334	3353	7.85	cps
Potassium	39-2	307585	309135	306459	307726	0.44	cps
Rhodium	103-1	5570217	5530924	5589532	5563558	0.54	cps
Rhodium	103-2	1407912	1404462	1414409	1408928	0.36	cps
Scandium	45-1	3037761	2991918	3056185	3028621	1.09	cps
Scandium	45-2	20866	20886	21326	21026	1.24	cps
Selenium	77-2	350	337	373	353	5.25	cps
Selenium	78-2	1100	1119	1024	1081	4.63	cps
Selenium	82-1	64756	64615	65382	64918	0.63	cps
Silicon	28-1	2019599	2051694	2051212	2040835	0.90	cps
Silver	109-1	5455102	5438701	5466553	5453452	0.26	cps
Silver	107-1	5633297	5631845	5618835	5627992	0.14	cps
Sodium	23-2	2848760	2867739	2828929	2848476	0.68	cps
Strontium	86-1	1287981	1284853	1279513	1284116	0.33	cps
Strontium	88-1	11403935	11234271	11179630	11272612	1.04	cps
Sulfur	34-1	545643	543492	537062	542066	0.82	cps
Terbium	159-1	9226021	9314057	9304976	9281685	0.52	cps
Terbium	159-2	1724378	1700476	1697113	1707322	0.87	cps
Thallium	203-1	5302297	5334642	5356893	5331277	0.51	cps
Thallium	205-1	12567348	12597160	12627906	12597471	0.24	cps
Tin	118-1	3740291	3754512	3737220	3744008	0.25	cps
Titanium	47-1	2405746	2367507	2355509	2376254	1.10	cps
Uranium	238-1	18510131	18593532	18438717	18514127	0.42	cps
Vanadium	51-2	260393	260037	258847	259759	0.31	cps
Yttrium	89-1	6155976	6064006	6117219	6112400	0.76	cps
Yttrium	89-2	164055	163951	165600	164535	0.56	cps
Zinc	66-2	131974	133168	132919	132687	0.47	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	PB113804BS	Instrumnet Name :	P8
Client Sample ID :	PB113804BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:29:03	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7135930	7096982	7050543	7094485	0.60	cps
Zirconium	91-1	1588621	1614088	1583364	1595358	1.03	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : CCV99 Instrumnet Name : P8
 Client Sample ID : CCV99 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 15:32:16 DataFile Name : 053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	312274	314659	316857	314596	0.73	cps
Antimony	121-1	5549757	5479687	5512079	5513841	0.64	cps
Arsenic	75-1	1175850	1186339	1186396	1182862	0.51	cps
Barium	135-1	5928677	5963755	5932107	5941513	0.33	cps
Barium	137-1	10422441	10370912	10422774	10405376	0.29	cps
Beryllium	9-1	622211	627195	627776	625727	0.49	cps
Bismuth	209-1	6195984	6270141	6285413	6250513	0.77	cps
Bismuth	209-2	1427614	1437248	1415959	1426940	0.75	cps
Boron	10-1	73237	76311	76379	75309	2.38	cps
Boron	11-1	363693	375813	381436	373647	2.43	cps
Cadmium	111-1	1172858	1176485	1178915	1176086	0.26	cps
Cadmium	106-1	123115	124901	124529	124182	0.76	cps
Cadmium	108-1	84483	84496	84148	84376	0.23	cps
Calcium	43-1	4893973	4954121	4919003	4922366	0.61	cps
Calcium	44-1	80427900	80789708	81222306	80813305	0.49	cps
Chromium	52-2	402783	404194	406804	404594	0.50	cps
Cobalt	59-2	857559	862023	871926	863836	0.85	cps
Copper	63-2	1470309	1468134	1477024	1471822	0.31	cps
Dysprosium	156-1	42	142	67	83	62.45	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	58	42	17	39	53.93	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	75	158	83	106	43.48	cps
Gadolinium	160-2	13	17	3	11	62.48	cps
Holmium	165-1	9205520	9217666	9243597	9222261	0.21	cps
Holmium	165-2	1812675	1819533	1802783	1811664	0.46	cps
Indium	115-1	6164288	6213987	6194883	6191052	0.40	cps
Indium	115-2	235227	236431	235753	235804	0.26	cps
Iron	56-2	65924056	66426236	67067915	66472736	0.86	cps
Iron	57-2	1722158	1707979	1734409	1721515	0.77	cps
Krypton	83-1	253	290	270	271	6.77	cps
Lead	206-1	4246888	4296730	4293942	4279186	0.65	cps
Lead	207-1	3935578	3936319	3934651	3935516	0.02	cps
Lead	208-1	17512551	17596017	17537421	17548663	0.24	cps
Lithium	6-1	1086909	1100601	1083940	1090483	0.81	cps
Magnesium	24-2	6675580	6744569	6754532	6724894	0.64	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:32:16	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	223396	227166	228439	226334	1.16	cps
Molybdenum	94-1	8947596	8976656	9027656	8983969	0.45	cps
Molybdenum	95-1	11068906	11084600	11077715	11077074	0.07	cps
Molybdenum	96-1	12243882	12365419	12387058	12332120	0.63	cps
Molybdenum	97-1	6956184	7025476	6951970	6977877	0.59	cps
Molybdenum	98-1	17914217	17921405	18030367	17955329	0.36	cps
Neodymium	150-1	360	367	327	351	6.10	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	256186	258913	256706	257268	0.56	cps
Phosphorus	31-2	4076	3851	3801	3909	3.75	cps
Potassium	39-2	1692305	1716505	1714957	1707922	0.79	cps
Rhodium	103-1	5511890	5503826	5529949	5515221	0.24	cps
Rhodium	103-2	1403728	1416691	1395428	1405282	0.76	cps
Scandium	45-1	3165589	3180549	3207483	3184540	0.67	cps
Scandium	45-2	22385	22939	22498	22607	1.30	cps
Selenium	77-2	327	343	293	321	7.93	cps
Selenium	78-2	1159	1182	1217	1186	2.44	cps
Selenium	82-1	66217	66479	66732	66476	0.39	cps
Silicon	28-1	2090033	2116594	2113345	2106657	0.69	cps
Silver	109-1	5455660	5408894	5423015	5429190	0.44	cps
Silver	107-1	5587347	5602117	5659228	5616231	0.68	cps
Sodium	23-2	14870919	14974712	15118905	14988179	0.83	cps
Strontium	86-1	1339343	1350752	1343600	1344565	0.43	cps
Strontium	88-1	11738473	11772526	11723064	11744688	0.22	cps
Sulfur	34-1	565465	563141	565993	564867	0.27	cps
Terbium	159-1	9334957	9357886	9380674	9357839	0.24	cps
Terbium	159-2	1730835	1740144	1716955	1729311	0.67	cps
Thallium	203-1	5375442	5332981	5315828	5341417	0.57	cps
Thallium	205-1	12596501	12616252	12579950	12597568	0.14	cps
Tin	118-1	3793887	3809547	3799364	3800933	0.21	cps
Titanium	47-1	2503634	2518786	2507704	2510041	0.31	cps
Uranium	238-1	18891397	18877664	18713076	18827379	0.53	cps
Vanadium	51-2	284929	287490	288282	286901	0.61	cps
Yttrium	89-1	6193866	6242917	6291773	6242852	0.78	cps
Yttrium	89-2	172804	175329	173773	173969	0.73	cps
Zinc	66-2	137409	137833	139873	138372	0.95	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV99	Instrumnet Name :	P8
Client Sample ID :	CCV99	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:32:16	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7480762	7443501	7459211	7461158	0.25	cps
Zirconium	91-1	1680514	1696892	1682550	1686652	0.53	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB99	Instrumnet Name :	P8
Client Sample ID :	CCB99	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:42:19	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	3	13	8	62.45	cps
Antimony	121-1	4084	4776	4476	4445	7.81	cps
Arsenic	75-1	292	233	267	264	11.09	cps
Barium	135-1	50	58	33	47	26.97	cps
Barium	137-1	100	142	83	108	27.73	cps
Beryllium	9-1	322	239	239	267	18.04	cps
Bismuth	209-1	6621055	6597602	6508207	6575621	0.91	cps
Bismuth	209-2	1482772	1504840	1495968	1494527	0.74	cps
Boron	10-1	1217	1300	1333	1283	4.68	cps
Boron	11-1	6669	6493	6235	6466	3.37	cps
Cadmium	111-1	902	778	893	857	8.08	cps
Cadmium	106-1	1267	1083	1217	1189	7.97	cps
Cadmium	108-1	8	8	13	10	24.77	cps
Calcium	43-1	342	200	192	244	34.48	cps
Calcium	44-1	8903	8295	8328	8509	4.02	cps
Chromium	52-2	343	280	270	298	13.36	cps
Cobalt	59-2	23	40	27	30	29.40	cps
Copper	63-2	237	293	307	279	13.33	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	50	0	36	87.37	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	92	58	33	61	47.89	cps
Gadolinium	160-2	3	13	10	9	57.30	cps
Holmium	165-1	9176716	8993276	9043718	9071237	1.04	cps
Holmium	165-2	1776321	1760322	1790064	1775569	0.84	cps
Indium	115-1	6477728	6415289	6432777	6441931	0.50	cps
Indium	115-2	242731	245411	243974	244039	0.55	cps
Iron	56-2	1245	1372	1411	1343	6.50	cps
Iron	57-2	39	22	33	31	26.96	cps
Krypton	83-1	353	310	283	316	11.20	cps
Lead	206-1	522	500	528	517	2.84	cps
Lead	207-1	461	511	483	485	5.16	cps
Lead	208-1	2178	2161	2217	2185	1.30	cps
Lithium	6-1	1140094	1120014	1128882	1129663	0.89	cps
Magnesium	24-2	208	333	292	278	22.91	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : CCB99 Instrumnet Name : P8
 Client Sample ID : CCB99 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 15:42:19 DataFile Name : 054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	13	30	22	37.76	cps
Molybdenum	94-1	1033	1058	1025	1039	1.67	cps
Molybdenum	95-1	933	908	983	942	4.06	cps
Molybdenum	96-1	1108	1292	1058	1153	10.66	cps
Molybdenum	97-1	608	767	658	678	11.94	cps
Molybdenum	98-1	1692	1567	1625	1628	3.84	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	140	113	122	12.59	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1792	1558	1592	1647	7.66	cps
Rhodium	103-1	5959498	5848156	5907927	5905194	0.94	cps
Rhodium	103-2	1464021	1498874	1478753	1480549	1.18	cps
Scandium	45-1	3199960	3153071	3149139	3167390	0.89	cps
Scandium	45-2	21467	21927	20963	21452	2.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-25	16	-12	-7	-301.46	cps
Silicon	28-1	140094	140187	139733	140005	0.17	cps
Silver	109-1	275	267	308	283	7.78	cps
Silver	107-1	333	258	283	292	13.09	cps
Sodium	23-2	4476	4309	3809	4198	8.27	cps
Strontium	86-1	500	467	533	500	6.67	cps
Strontium	88-1	342	250	325	306	15.98	cps
Sulfur	34-1	288402	283065	285479	285649	0.94	cps
Terbium	159-1	9236914	9317400	9257394	9270569	0.45	cps
Terbium	159-2	1699978	1692302	1700126	1697469	0.26	cps
Thallium	203-1	758	808	833	800	4.77	cps
Thallium	205-1	1884	1775	1700	1786	5.16	cps
Tin	118-1	1550	1609	1459	1539	4.91	cps
Titanium	47-1	100	133	100	111	17.32	cps
Uranium	238-1	150	133	175	153	13.73	cps
Vanadium	51-2	3	7	10	7	50.03	cps
Yttrium	89-1	6250647	6157916	6240412	6216325	0.82	cps
Yttrium	89-2	169652	170412	170535	170200	0.28	cps
Zinc	66-2	110	100	73	94	20.07	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB99	Instrumnet Name :	P8
Client Sample ID :	CCB99	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:42:19	DataFile Name :	054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1492	1458	1450	1467	1.50	cps
Zirconium	91-1	317	300	333	317	5.26	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:45:42	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	390	420	330	380	12.06	cps
Antimony	121-1	2817	2842	2750	2803	1.69	cps
Arsenic	75-1	7878	8670	8586	8378	5.20	cps
Barium	135-1	4334	4051	4118	4168	3.56	cps
Barium	137-1	7411	7419	7344	7391	0.56	cps
Beryllium	9-1	350	350	267	322	14.93	cps
Bismuth	209-1	7212715	7260381	7138270	7203789	0.85	cps
Bismuth	209-2	1617984	1602075	1607208	1609089	0.50	cps
Boron	10-1	1800	1917	1950	1889	4.17	cps
Boron	11-1	9320	9312	9245	9292	0.44	cps
Cadmium	111-1	1016	1154	1096	1088	6.38	cps
Cadmium	106-1	1233	1342	1200	1258	5.89	cps
Cadmium	108-1	21	21	33	25	28.87	cps
Calcium	43-1	158386	157154	157204	157582	0.44	cps
Calcium	44-1	2632487	2606137	2606668	2615098	0.58	cps
Chromium	52-2	1127	1023	1123	1091	5.38	cps
Cobalt	59-2	1387	1363	1153	1301	9.88	cps
Copper	63-2	14468	14544	14244	14419	1.08	cps
Dysprosium	156-1	600	725	625	650	10.18	cps
Dysprosium	156-2	90	120	87	99	18.56	cps
Erbium	164-1	400	383	375	386	3.30	cps
Erbium	164-2	60	60	103	74	33.61	cps
Gadolinium	160-1	617	567	608	597	4.48	cps
Gadolinium	160-2	137	143	160	147	8.19	cps
Holmium	165-1	9990346	9915949	9806796	9904364	0.93	cps
Holmium	165-2	1863776	1859709	1871353	1864946	0.32	cps
Indium	115-1	6989166	6910761	6906017	6935315	0.67	cps
Indium	115-2	253932	249987	251112	251677	0.81	cps
Iron	56-2	10337	10360	10076	10258	1.54	cps
Iron	57-2	233	250	250	244	3.94	cps
Krypton	83-1	300	297	267	288	6.38	cps
Lead	206-1	44924	43910	43017	43950	2.17	cps
Lead	207-1	38091	36854	36420	37122	2.34	cps
Lead	208-1	175461	172662	169975	172699	1.59	cps
Lithium	6-1	1252788	1229212	1220413	1234138	1.36	cps
Magnesium	24-2	34117	34568	34250	34312	0.68	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:45:42	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	700	703	737	713	2.84	cps
Molybdenum	94-1	533	742	725	667	17.37	cps
Molybdenum	95-1	517	608	633	586	10.48	cps
Molybdenum	96-1	592	642	792	675	15.42	cps
Molybdenum	97-1	458	417	375	417	10.00	cps
Molybdenum	98-1	900	825	617	781	18.81	cps
Neodymium	150-1	873	713	840	809	10.44	cps
Neodymium	150-2	90	90	80	87	6.66	cps
Nickel	60-2	2310	2254	1894	2152	10.50	cps
Phosphorus	31-2	67	100	150	106	39.74	cps
Potassium	39-2	28396	28429	26843	27890	3.25	cps
Rhodium	103-1	6316211	6252797	6205772	6258260	0.89	cps
Rhodium	103-2	1576734	1556070	1566132	1566312	0.66	cps
Scandium	45-1	3348102	3323882	3288889	3320291	0.90	cps
Scandium	45-2	22004	21553	21567	21708	1.18	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-12	7	14	3	489.72	cps
Silicon	28-1	14294281	14099635	13963813	14119243	1.18	cps
Silver	109-1	1017	1283	1525	1275	19.94	cps
Silver	107-1	1325	1425	1584	1445	9.02	cps
Sodium	23-2	300299	297604	294335	297412	1.00	cps
Strontium	86-1	80285	80044	80203	80177	0.15	cps
Strontium	88-1	711469	697942	691208	700206	1.47	cps
Sulfur	34-1	309001	300860	298238	302700	1.85	cps
Terbium	159-1	10124289	10056248	10005452	10061996	0.59	cps
Terbium	159-2	1816198	1788320	1794179	1799566	0.82	cps
Thallium	203-1	1875	1934	2025	1945	3.89	cps
Thallium	205-1	4309	4151	4776	4412	7.37	cps
Tin	118-1	3684	3967	3584	3745	5.31	cps
Titanium	47-1	675	675	725	692	4.17	cps
Uranium	238-1	2392	2459	2309	2386	3.15	cps
Vanadium	51-2	123	83	117	108	19.88	cps
Yttrium	89-1	6755233	6679288	6619076	6684532	1.02	cps
Yttrium	89-2	176855	174171	171440	174155	1.55	cps
Zinc	66-2	4254	4391	4324	4323	1.58	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:45:42	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	883	2050	875	1269	53.24	cps
Zirconium	91-1	233	183	208	208	12.00	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : J5398-01DUP Instrumnet Name : P8
 Client Sample ID : 381003727-PBCU174DU Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 15:49:04 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	280	335	363	326	12.89	cps
Antimony	121-1	2242	2534	2575	2450	7.41	cps
Arsenic	75-1	10087	10947	11097	10710	5.08	cps
Barium	135-1	4284	4051	4251	4195	3.01	cps
Barium	137-1	7169	7111	7511	7263	2.98	cps
Beryllium	9-1	211	272	256	246	12.83	cps
Bismuth	209-1	7273650	7231312	7232912	7245958	0.33	cps
Bismuth	209-2	1615864	1600978	1528768	1581870	2.94	cps
Boron	10-1	1817	1634	1675	1709	5.63	cps
Boron	11-1	8603	8203	8311	8372	2.47	cps
Cadmium	111-1	1126	1076	1160	1121	3.80	cps
Cadmium	106-1	1375	1325	1358	1353	1.88	cps
Cadmium	108-1	4	21	17	14	62.43	cps
Calcium	43-1	154711	153523	153447	153894	0.46	cps
Calcium	44-1	2579582	2579420	2534625	2564542	1.01	cps
Chromium	52-2	1173	1020	1080	1091	7.08	cps
Cobalt	59-2	1197	1187	1263	1216	3.43	cps
Copper	63-2	14274	13907	13951	14044	1.43	cps
Dysprosium	156-1	633	617	642	631	2.02	cps
Dysprosium	156-2	107	110	113	110	3.03	cps
Erbium	164-1	442	533	475	483	9.60	cps
Erbium	164-2	90	90	73	84	11.40	cps
Gadolinium	160-1	625	642	583	617	4.87	cps
Gadolinium	160-2	213	120	163	166	28.21	cps
Holmium	165-1	10124043	9937194	9933874	9998370	1.09	cps
Holmium	165-2	1908339	1861102	1766188	1845210	3.92	cps
Indium	115-1	6883303	6896640	6887249	6889064	0.10	cps
Indium	115-2	251344	250966	236178	246163	3.51	cps
Iron	56-2	9431	9420	9515	9455	0.55	cps
Iron	57-2	311	239	244	265	15.18	cps
Krypton	83-1	307	280	237	274	12.87	cps
Lead	206-1	43497	44233	43486	43739	0.98	cps
Lead	207-1	37573	37005	36263	36947	1.78	cps
Lead	208-1	172946	171485	169330	171253	1.06	cps
Lithium	6-1	1229447	1207544	1207895	1214962	1.03	cps
Magnesium	24-2	33315	34326	32914	33518	2.17	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01DUP	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174DU	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:49:04	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	647	643	610	633	3.20	cps
Molybdenum	94-1	567	508	517	531	5.95	cps
Molybdenum	95-1	392	275	283	317	20.55	cps
Molybdenum	96-1	517	375	500	464	16.69	cps
Molybdenum	97-1	325	275	217	272	19.92	cps
Molybdenum	98-1	692	592	558	614	11.30	cps
Neodymium	150-1	813	947	773	845	10.75	cps
Neodymium	150-2	107	83	77	89	17.72	cps
Nickel	60-2	2104	2074	2014	2064	2.22	cps
Phosphorus	31-2	67	133	108	103	32.77	cps
Potassium	39-2	27812	27119	27502	27478	1.26	cps
Rhodium	103-1	6229580	6224962	6157698	6204080	0.65	cps
Rhodium	103-2	1563039	1563411	1472904	1533118	3.40	cps
Scandium	45-1	3324665	3248127	3263206	3278666	1.24	cps
Scandium	45-2	21413	21620	20549	21194	2.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-17	40	58	27	143.45	cps
Silicon	28-1	13813911	13628399	13590243	13677518	0.87	cps
Silver	109-1	1183	1258	1375	1272	7.59	cps
Silver	107-1	1183	1292	1492	1322	11.83	cps
Sodium	23-2	289633	287669	289208	288837	0.36	cps
Strontium	86-1	79825	78995	78735	79185	0.72	cps
Strontium	88-1	689695	690088	683439	687741	0.54	cps
Sulfur	34-1	288965	285857	280932	285251	1.42	cps
Terbium	159-1	10269947	10049249	10043005	10120734	1.28	cps
Terbium	159-2	1807859	1793425	1713599	1771627	2.87	cps
Thallium	203-1	933	900	817	883	6.80	cps
Thallium	205-1	1917	2059	2192	2056	6.69	cps
Tin	118-1	3542	3376	3226	3381	4.69	cps
Titanium	47-1	858	583	683	708	19.65	cps
Uranium	238-1	2200	2417	2200	2273	5.51	cps
Vanadium	51-2	107	120	120	116	6.66	cps
Yttrium	89-1	6625344	6591256	6579081	6598560	0.36	cps
Yttrium	89-2	172776	172892	161818	169162	3.76	cps
Zinc	66-2	4067	4211	4287	4188	2.67	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01DUP	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174DU	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:49:04	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	842	750	775	789	6.01	cps
Zirconium	91-1	250	125	150	175	37.79	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01LX5	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-12 15:52:26	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	83	85	81	6.44	cps
Antimony	121-1	1984	1859	1950	1931	3.35	cps
Arsenic	75-1	3101	3559	3417	3359	6.99	cps
Barium	135-1	858	900	867	875	2.52	cps
Barium	137-1	1500	1392	1508	1467	4.44	cps
Beryllium	9-1	183	211	178	191	9.36	cps
Bismuth	209-1	6828763	6823641	6358523	6670309	4.05	cps
Bismuth	209-2	1548163	1548846	1537077	1544695	0.43	cps
Boron	10-1	1050	1000	1067	1039	3.34	cps
Boron	11-1	4676	4534	4809	4673	2.94	cps
Cadmium	111-1	958	828	820	868	8.91	cps
Cadmium	106-1	1317	1133	1133	1195	8.86	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	30751	30459	29290	30167	2.56	cps
Calcium	44-1	502170	503380	503140	502897	0.13	cps
Chromium	52-2	490	530	493	504	4.40	cps
Cobalt	59-2	227	260	260	249	7.73	cps
Copper	63-2	3177	3267	3144	3196	2.00	cps
Dysprosium	156-1	142	142	125	136	7.07	cps
Dysprosium	156-2	23	37	13	24	47.91	cps
Erbium	164-1	75	75	100	83	17.33	cps
Erbium	164-2	27	10	30	22	48.22	cps
Gadolinium	160-1	150	167	183	167	10.00	cps
Gadolinium	160-2	23	17	27	22	22.91	cps
Holmium	165-1	9480800	9352871	8865401	9233024	3.52	cps
Holmium	165-2	1817067	1831337	1820704	1823036	0.41	cps
Indium	115-1	6610676	6507105	6135036	6417606	3.90	cps
Indium	115-2	246146	247529	247640	247105	0.34	cps
Iron	56-2	2556	2678	2878	2704	6.02	cps
Iron	57-2	56	100	56	70	36.46	cps
Krypton	83-1	330	280	300	303	8.30	cps
Lead	206-1	8192	8375	8753	8440	3.39	cps
Lead	207-1	7147	7074	7091	7104	0.53	cps
Lead	208-1	33329	34097	33841	33756	1.16	cps
Lithium	6-1	1129065	1136691	1060259	1108671	3.80	cps
Magnesium	24-2	7019	7035	6869	6974	1.32	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01LX5	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-12 15:52:26	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	207	110	160	159	30.43	cps
Molybdenum	94-1	600	567	500	556	9.17	cps
Molybdenum	95-1	375	208	308	297	28.22	cps
Molybdenum	96-1	517	350	400	422	20.26	cps
Molybdenum	97-1	183	142	83	136	36.90	cps
Molybdenum	98-1	467	475	625	522	17.06	cps
Neodymium	150-1	167	147	180	164	10.20	cps
Neodymium	150-2	20	13	27	20	33.35	cps
Nickel	60-2	503	533	530	522	3.15	cps
Phosphorus	31-2	33	17	33	28	34.63	cps
Potassium	39-2	6919	6685	6544	6716	2.82	cps
Rhodium	103-1	6053061	5976706	5615956	5881908	3.97	cps
Rhodium	103-2	1489065	1488631	1506582	1494759	0.69	cps
Scandium	45-1	3177766	3146160	2994922	3106283	3.15	cps
Scandium	45-2	21250	21614	21487	21450	0.86	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-37	53	48	21	238.61	cps
Silicon	28-1	2859223	2829567	2866546	2851778	0.69	cps
Silver	109-1	700	675	600	658	7.90	cps
Silver	107-1	600	600	625	608	2.37	cps
Sodium	23-2	61517	61961	62069	61849	0.47	cps
Strontium	86-1	16352	16502	16219	16358	0.87	cps
Strontium	88-1	136274	135990	134540	135602	0.69	cps
Sulfur	34-1	266185	260467	262945	263199	1.09	cps
Terbium	159-1	9607001	9535628	9039780	9394137	3.29	cps
Terbium	159-2	1745570	1750697	1751494	1749254	0.18	cps
Thallium	203-1	308	442	225	325	33.63	cps
Thallium	205-1	683	725	800	736	8.03	cps
Tin	118-1	1642	1492	1725	1620	7.30	cps
Titanium	47-1	133	183	175	164	16.34	cps
Uranium	238-1	392	500	442	444	12.20	cps
Vanadium	51-2	17	27	33	26	32.81	cps
Yttrium	89-1	6385645	6338894	5966167	6230235	3.69	cps
Yttrium	89-2	168339	169831	170621	169597	0.68	cps
Zinc	66-2	943	893	940	926	3.02	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01LX5	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-12 15:52:26	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	892	917	1125	978	13.10	cps
Zirconium	91-1	283	217	200	233	18.90	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01MS	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:55:49	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11025	11087	10614	10909	2.36	cps
Antimony	121-1	8506854	8437867	8470463	8471728	0.41	cps
Arsenic	75-1	1996120	1967075	1965692	1976296	0.87	cps
Barium	135-1	512206	504943	507276	508142	0.73	cps
Barium	137-1	902702	896303	893594	897533	0.52	cps
Beryllium	9-1	256171	254622	253998	254930	0.44	cps
Bismuth	209-1	7431091	7397798	7395151	7408014	0.27	cps
Bismuth	209-2	1652342	1635055	1632870	1640089	0.65	cps
Boron	10-1	44261	45264	46677	45401	2.67	cps
Boron	11-1	216374	218750	225495	220206	2.15	cps
Cadmium	111-1	520625	516990	511386	516334	0.90	cps
Cadmium	106-1	47125	46472	45520	46372	1.74	cps
Cadmium	108-1	34444	34277	33667	34130	1.20	cps
Calcium	43-1	181036	176673	176987	178232	1.37	cps
Calcium	44-1	2984251	2949115	2939738	2957701	0.79	cps
Chromium	52-2	299670	296127	298019	297938	0.60	cps
Cobalt	59-2	350851	349443	342641	347645	1.26	cps
Copper	63-2	487217	487656	483002	485959	0.53	cps
Dysprosium	156-1	492815	485023	487614	488484	0.81	cps
Dysprosium	156-2	8716	8560	8670	8649	0.93	cps
Erbium	164-1	442	492	558	497	11.77	cps
Erbium	164-2	93	117	80	97	19.20	cps
Gadolinium	160-1	700	667	875	747	14.98	cps
Gadolinium	160-2	130	113	123	122	6.86	cps
Holmium	165-1	10118527	10069843	10115261	10101210	0.27	cps
Holmium	165-2	1960706	1925647	1906758	1931037	1.42	cps
Indium	115-1	6865185	6807818	6784983	6819329	0.61	cps
Indium	115-2	249528	244591	244985	246368	1.11	cps
Iron	56-2	1651298	1603283	1594158	1616246	1.90	cps
Iron	57-2	40348	40364	39668	40127	0.99	cps
Krypton	83-1	307	247	270	274	11.02	cps
Lead	206-1	9446877	9474232	9486229	9469113	0.21	cps
Lead	207-1	8541497	8534139	8591482	8555706	0.36	cps
Lead	208-1	38936544	38829434	39064096	38943358	0.30	cps
Lithium	6-1	1232046	1214204	1226765	1224338	0.75	cps
Magnesium	24-2	88995	87242	85659	87298	1.91	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01MS	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:55:49	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43712	42953	42491	43052	1.43	cps
Molybdenum	94-1	995390	992995	985858	991414	0.50	cps
Molybdenum	95-1	1766671	1777900	1774602	1773058	0.33	cps
Molybdenum	96-1	1941980	1895988	1903298	1913755	1.29	cps
Molybdenum	97-1	1092162	1086118	1089298	1089193	0.28	cps
Molybdenum	98-1	2866795	2903506	2856185	2875495	0.86	cps
Neodymium	150-1	967	887	780	878	10.67	cps
Neodymium	150-2	83	70	103	86	19.61	cps
Nickel	60-2	259479	258899	252184	256854	1.58	cps
Phosphorus	31-2	2275	2317	2159	2250	3.65	cps
Potassium	39-2	154321	154936	152156	153804	0.95	cps
Rhodium	103-1	6350273	6356407	6321016	6342566	0.30	cps
Rhodium	103-2	1592822	1570291	1559699	1574271	1.07	cps
Scandium	45-1	3343498	3271231	3289579	3301436	1.14	cps
Scandium	45-2	22101	21410	20812	21441	3.01	cps
Selenium	77-2	1380	1243	1370	1331	5.72	cps
Selenium	78-2	4575	4404	4501	4493	1.90	cps
Selenium	82-1	290811	289720	288142	289557	0.46	cps
Silicon	28-1	17881176	17549622	17381521	17604106	1.44	cps
Silver	109-1	863541	864856	865540	864646	0.12	cps
Silver	107-1	909859	903860	897951	903890	0.66	cps
Sodium	23-2	473869	469338	465161	469456	0.93	cps
Strontium	86-1	629621	627326	627693	628213	0.20	cps
Strontium	88-1	5613233	5485187	5500565	5532995	1.26	cps
Sulfur	34-1	288217	282830	284188	285078	0.98	cps
Terbium	159-1	10347650	10264792	10360592	10324345	0.50	cps
Terbium	159-2	1852355	1824609	1814968	1830644	1.06	cps
Thallium	203-1	23260479	23125391	23242277	23209382	0.32	cps
Thallium	205-1	55522768	55554518	55478401	55518562	0.07	cps
Tin	118-1	5475751	5465912	5467201	5469621	0.10	cps
Titanium	47-1	196529	192842	193715	194362	0.99	cps
Uranium	238-1	2500	2525	2384	2470	3.06	cps
Vanadium	51-2	164112	162513	160757	162460	1.03	cps
Yttrium	89-1	6860413	6724255	6739481	6774716	1.10	cps
Yttrium	89-2	177281	172099	174542	174641	1.48	cps
Zinc	66-2	33962	33156	33103	33407	1.44	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01MS	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:55:49	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	19206	15042	11939	15396	23.68	cps
Zirconium	91-1	4976	4201	3509	4229	17.36	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : J5398-01MSD Instrumnet Name : P8
 Client Sample ID : 381003727-PBCU174MS Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 15:59:06 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11312	10304	10905	10840	4.68	cps
Antimony	121-1	8485098	8491017	8409925	8462013	0.53	cps
Arsenic	75-1	1979767	1940681	1950298	1956915	1.04	cps
Barium	135-1	505688	502624	501139	503151	0.46	cps
Barium	137-1	899513	899812	891726	897017	0.51	cps
Beryllium	9-1	252351	249974	249557	250627	0.60	cps
Bismuth	209-1	7478458	7496203	7414232	7462964	0.58	cps
Bismuth	209-2	1686803	1636147	1634193	1652381	1.81	cps
Boron	10-1	45005	45273	45774	45350	0.86	cps
Boron	11-1	217837	220173	223050	220353	1.18	cps
Cadmium	111-1	520954	514875	511499	515776	0.93	cps
Cadmium	106-1	47644	46632	45904	46727	1.87	cps
Cadmium	108-1	33174	33216	32782	33057	0.73	cps
Calcium	43-1	176126	174903	173037	174689	0.89	cps
Calcium	44-1	2943006	2933133	2880322	2918821	1.15	cps
Chromium	52-2	294572	292969	288855	292132	1.01	cps
Cobalt	59-2	342362	340600	337931	340297	0.66	cps
Copper	63-2	480008	476682	473596	476762	0.67	cps
Dysprosium	156-1	491307	486778	485251	487779	0.65	cps
Dysprosium	156-2	8660	8613	8570	8614	0.52	cps
Erbium	164-1	567	500	650	572	13.13	cps
Erbium	164-2	90	83	57	77	23.00	cps
Gadolinium	160-1	642	808	833	761	13.69	cps
Gadolinium	160-2	180	187	123	163	21.30	cps
Holmium	165-1	10309536	10236767	10094540	10213614	1.07	cps
Holmium	165-2	1940775	1900948	1929210	1923644	1.07	cps
Indium	115-1	6902026	6931069	6824829	6885975	0.80	cps
Indium	115-2	248618	244721	240963	244767	1.56	cps
Iron	56-2	1590902	1583403	1579913	1584739	0.35	cps
Iron	57-2	39908	39083	39356	39449	1.06	cps
Krypton	83-1	297	303	287	296	2.84	cps
Lead	206-1	9550639	9500421	9462703	9504587	0.46	cps
Lead	207-1	8650981	8582735	8542598	8592104	0.64	cps
Lead	208-1	39318666	39118870	38859211	39098916	0.59	cps
Lithium	6-1	1243523	1228887	1226295	1232902	0.75	cps
Magnesium	24-2	87460	85188	84677	85775	1.73	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01MSD	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:59:06	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	42605	41806	41522	41977	1.34	cps
Molybdenum	94-1	987899	990903	979471	986091	0.60	cps
Molybdenum	95-1	1788013	1739974	1745990	1757992	1.49	cps
Molybdenum	96-1	1908505	1893624	1874345	1892158	0.91	cps
Molybdenum	97-1	1093887	1092624	1085056	1090522	0.44	cps
Molybdenum	98-1	2877455	2888879	2851078	2872471	0.67	cps
Neodymium	150-1	1053	967	900	973	7.90	cps
Neodymium	150-2	90	107	90	96	10.07	cps
Nickel	60-2	256874	254836	250320	254010	1.32	cps
Phosphorus	31-2	2392	1975	2117	2161	9.80	cps
Potassium	39-2	151388	149679	148704	149923	0.91	cps
Rhodium	103-1	6358068	6309226	6275029	6314107	0.66	cps
Rhodium	103-2	1606028	1561832	1572364	1580075	1.46	cps
Scandium	45-1	3285834	3247922	3285307	3273021	0.66	cps
Scandium	45-2	21146	21073	21443	21221	0.92	cps
Selenium	77-2	1333	1340	1257	1310	3.54	cps
Selenium	78-2	4386	4475	4260	4374	2.47	cps
Selenium	82-1	288472	286073	286769	287104	0.43	cps
Silicon	28-1	17568792	17250002	17273750	17364181	1.02	cps
Silver	109-1	857695	856743	854363	856267	0.20	cps
Silver	107-1	898922	893819	885113	892618	0.78	cps
Sodium	23-2	461803	465713	455636	461051	1.10	cps
Strontium	86-1	620162	620026	617138	619109	0.28	cps
Strontium	88-1	5503581	5452146	5428532	5461419	0.70	cps
Sulfur	34-1	277760	275249	270399	274469	1.36	cps
Terbium	159-1	10449361	10288098	10257771	10331743	1.00	cps
Terbium	159-2	1841288	1834225	1838070	1837861	0.19	cps
Thallium	203-1	23398613	23105261	23015426	23173100	0.86	cps
Thallium	205-1	56073447	55564543	55294039	55644010	0.71	cps
Tin	118-1	5508026	5422724	5462282	5464344	0.78	cps
Titanium	47-1	192133	193012	191027	192057	0.52	cps
Uranium	238-1	2600	2375	2459	2478	4.59	cps
Vanadium	51-2	160480	158319	158859	159219	0.71	cps
Yttrium	89-1	6750291	6743624	6637168	6710361	0.95	cps
Yttrium	89-2	175293	172981	170237	172837	1.46	cps
Zinc	66-2	33490	32665	32508	32888	1.60	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01MSD	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 15:59:06	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6461	5360	4743	5521	15.76	cps
Zirconium	91-1	1859	1659	1959	1825	8.37	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01A	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:02:23	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10827	10729	10547	10701	1.33	cps
Antimony	121-1	8587399	8508634	8439282	8511772	0.87	cps
Arsenic	75-1	1984826	1979608	1961189	1975207	0.63	cps
Barium	135-1	513147	513259	505092	510499	0.92	cps
Barium	137-1	906732	904884	900474	904030	0.36	cps
Beryllium	9-1	252108	250358	249665	250710	0.50	cps
Bismuth	209-1	7556850	7408800	7090650	7352100	3.24	cps
Bismuth	209-2	1622070	1637029	1611746	1623615	0.78	cps
Boron	10-1	44997	45967	46208	45724	1.40	cps
Boron	11-1	219437	225910	225479	223609	1.62	cps
Cadmium	111-1	520573	516024	517510	518036	0.45	cps
Cadmium	106-1	48212	46590	45955	46919	2.48	cps
Cadmium	108-1	33847	32895	33763	33502	1.57	cps
Calcium	43-1	176918	176750	175803	176490	0.34	cps
Calcium	44-1	2919274	2924176	2914081	2919177	0.17	cps
Chromium	52-2	289502	289220	287847	288856	0.31	cps
Cobalt	59-2	342549	338107	338612	339756	0.72	cps
Copper	63-2	479237	475592	476545	477125	0.40	cps
Dysprosium	156-1	492377	490214	489274	490621	0.32	cps
Dysprosium	156-2	8243	8463	8199	8302	1.70	cps
Erbium	164-1	500	492	658	550	17.07	cps
Erbium	164-2	60	103	140	101	39.61	cps
Gadolinium	160-1	775	767	800	781	2.22	cps
Gadolinium	160-2	140	150	170	153	9.96	cps
Holmium	165-1	10247767	10245495	9692957	10062073	3.18	cps
Holmium	165-2	1888886	1901544	1897696	1896042	0.34	cps
Indium	115-1	6884959	6789987	6486909	6720618	3.09	cps
Indium	115-2	240998	240673	237492	239721	0.81	cps
Iron	56-2	1593879	1564273	1576392	1578181	0.94	cps
Iron	57-2	38721	38771	38370	38621	0.57	cps
Krypton	83-1	300	243	297	280	11.36	cps
Lead	206-1	9725896	9638530	9619357	9661261	0.59	cps
Lead	207-1	8793603	8705705	8615688	8704998	1.02	cps
Lead	208-1	39902830	39486383	39368841	39586018	0.71	cps
Lithium	6-1	1238456	1239047	1180304	1219269	2.77	cps
Magnesium	24-2	84124	84611	84291	84342	0.29	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01A	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:02:23	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	42548	41742	41936	42076	1.00	cps
Molybdenum	94-1	993512	985803	988079	989131	0.40	cps
Molybdenum	95-1	1767792	1762713	1792794	1774433	0.91	cps
Molybdenum	96-1	1901731	1888093	1890035	1893286	0.39	cps
Molybdenum	97-1	1088724	1086618	1091058	1088800	0.20	cps
Molybdenum	98-1	2886340	2858366	2873796	2872834	0.49	cps
Neodymium	150-1	813	993	933	913	10.03	cps
Neodymium	150-2	107	107	143	119	17.81	cps
Nickel	60-2	257144	251866	254727	254579	1.04	cps
Phosphorus	31-2	2250	1917	2117	2095	8.01	cps
Potassium	39-2	150260	146793	149401	148818	1.21	cps
Rhodium	103-1	6306247	6237873	5947054	6163725	3.09	cps
Rhodium	103-2	1565002	1545790	1509286	1540026	1.84	cps
Scandium	45-1	3242348	3192004	3114563	3182972	2.02	cps
Scandium	45-2	20659	21644	20959	21087	2.39	cps
Selenium	77-2	1410	1397	1273	1360	5.54	cps
Selenium	78-2	4512	4345	4366	4408	2.06	cps
Selenium	82-1	289492	287503	288340	288445	0.35	cps
Silicon	28-1	17526631	17357276	17185155	17356354	0.98	cps
Silver	109-1	866691	860034	867930	864885	0.49	cps
Silver	107-1	910318	901067	902048	904478	0.56	cps
Sodium	23-2	462928	452411	451683	455674	1.38	cps
Strontium	86-1	627745	627577	621334	625552	0.58	cps
Strontium	88-1	5543895	5456714	5445824	5482144	0.98	cps
Sulfur	34-1	272584	270128	267392	270035	0.96	cps
Terbium	159-1	10387618	10306798	9887144	10193854	2.64	cps
Terbium	159-2	1822091	1794704	1778290	1798361	1.23	cps
Thallium	203-1	23704053	23699854	23447256	23617054	0.62	cps
Thallium	205-1	56753949	56666780	55894660	56438463	0.84	cps
Tin	118-1	5516801	5480305	5461068	5486058	0.52	cps
Titanium	47-1	193494	192681	190867	192347	0.70	cps
Uranium	238-1	2625	2342	2309	2425	7.18	cps
Vanadium	51-2	158707	156904	157093	157568	0.63	cps
Yttrium	89-1	6724908	6709302	6347024	6593745	3.24	cps
Yttrium	89-2	170485	169328	168486	169433	0.59	cps
Zinc	66-2	33333	31459	31917	32237	3.03	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-01A	Instrumnet Name :	P8
Client Sample ID :	381003727-PBCU174A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:02:23	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4451	4092	3659	4067	9.75	cps
Zirconium	91-1	1459	1442	1600	1500	5.80	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-02	Instrumnet Name :	P8
Client Sample ID :	381003728-PBCU176	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:05:40	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	240	178	193	203	16.05	cps
Antimony	121-1	28540	27454	27229	27741	2.53	cps
Arsenic	75-1	14475	15242	15559	15092	3.70	cps
Barium	135-1	5260	5326	4893	5160	4.52	cps
Barium	137-1	8728	8853	9045	8876	1.80	cps
Beryllium	9-1	339	394	450	394	14.09	cps
Bismuth	209-1	7505778	7459665	7418110	7461184	0.59	cps
Bismuth	209-2	1649779	1623339	1550793	1607970	3.19	cps
Boron	10-1	3951	4101	3642	3898	6.00	cps
Boron	11-1	19013	19222	17587	18607	4.78	cps
Cadmium	111-1	1055	1121	1082	1086	3.05	cps
Cadmium	106-1	1258	1367	1317	1314	4.13	cps
Cadmium	108-1	25	33	21	26	24.12	cps
Calcium	43-1	184033	179947	179658	181213	1.35	cps
Calcium	44-1	3035453	3047841	2956746	3013347	1.64	cps
Chromium	52-2	987	980	1053	1007	4.03	cps
Cobalt	59-2	333	373	383	363	7.28	cps
Copper	63-2	3107	2970	3024	3034	2.27	cps
Dysprosium	156-1	333	400	475	403	17.60	cps
Dysprosium	156-2	93	100	60	84	25.38	cps
Erbium	164-1	333	350	367	350	4.76	cps
Erbium	164-2	60	73	43	59	25.53	cps
Gadolinium	160-1	483	425	425	444	7.58	cps
Gadolinium	160-2	93	90	133	106	22.85	cps
Holmium	165-1	10221847	10079619	10098265	10133243	0.76	cps
Holmium	165-2	1929010	1894336	1788609	1870652	3.91	cps
Indium	115-1	6931292	6911591	6911485	6918123	0.16	cps
Indium	115-2	249871	248068	233939	243959	3.58	cps
Iron	56-2	4773	5062	5040	4958	3.24	cps
Iron	57-2	133	233	106	157	42.72	cps
Krypton	83-1	290	273	287	283	3.11	cps
Lead	206-1	1972	1756	1734	1821	7.25	cps
Lead	207-1	1583	1489	1561	1545	3.20	cps
Lead	208-1	7712	7101	6968	7260	5.47	cps
Lithium	6-1	1239063	1226469	1225030	1230187	0.63	cps
Magnesium	24-2	32822	31444	31628	31965	2.34	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-02	Instrumnet Name :	P8
Client Sample ID :	381003728-PBCU176	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:05:40	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	243	277	303	274	10.95	cps
Molybdenum	94-1	1725	1659	1367	1584	12.04	cps
Molybdenum	95-1	2367	2242	2159	2256	4.65	cps
Molybdenum	96-1	2967	2792	2259	2673	13.81	cps
Molybdenum	97-1	1559	1625	1283	1489	12.16	cps
Molybdenum	98-1	4343	4276	3434	4017	12.61	cps
Neodymium	150-1	500	500	427	476	8.90	cps
Neodymium	150-2	37	93	60	63	44.97	cps
Nickel	60-2	920	1077	890	962	10.42	cps
Phosphorus	31-2	108	58	133	100	38.19	cps
Potassium	39-2	26851	27353	26158	26787	2.24	cps
Rhodium	103-1	6328126	6198621	6176671	6234472	1.31	cps
Rhodium	103-2	1537781	1533416	1436099	1502432	3.83	cps
Scandium	45-1	3253071	3192846	3208002	3217973	0.97	cps
Scandium	45-2	21260	20642	19444	20448	4.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	88	46	47	60	39.50	cps
Silicon	28-1	13485552	13410899	13271316	13389256	0.81	cps
Silver	109-1	767	1208	1200	1058	23.87	cps
Silver	107-1	958	817	1250	1008	21.91	cps
Sodium	23-2	288568	282755	282185	284503	1.24	cps
Strontium	86-1	97681	94912	94602	95731	1.77	cps
Strontium	88-1	838281	833418	833297	834999	0.34	cps
Sulfur	34-1	273909	268784	267478	270057	1.26	cps
Terbium	159-1	10309333	10343229	10192567	10281709	0.77	cps
Terbium	159-2	1824180	1808557	1728936	1787224	2.86	cps
Thallium	203-1	4493	4076	3767	4112	8.85	cps
Thallium	205-1	10588	9913	9462	9988	5.67	cps
Tin	118-1	4926	5310	4309	4848	10.41	cps
Titanium	47-1	592	467	483	514	13.21	cps
Uranium	238-1	5160	5235	5610	5335	4.52	cps
Vanadium	51-2	90	130	90	103	22.35	cps
Yttrium	89-1	6681813	6606920	6584666	6624467	0.77	cps
Yttrium	89-2	171910	168825	159014	166583	4.04	cps
Zinc	66-2	2840	2697	2717	2751	2.82	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-02	Instrumnet Name :	P8
Client Sample ID :	381003728-PBCU176	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:05:40	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	483	500	442	475	6.33	cps
Zirconium	91-1	83	100	75	86	14.78	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-03	Instrumnet Name :	P8
Client Sample ID :	381003729-PBCU177	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:09:02	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	160	225	198	17.03	cps
Antimony	121-1	13182	13457	13599	13413	1.58	cps
Arsenic	75-1	16177	17520	17270	16989	4.20	cps
Barium	135-1	3059	2659	3126	2948	8.57	cps
Barium	137-1	5393	4901	5001	5098	5.10	cps
Beryllium	9-1	461	478	422	454	6.28	cps
Bismuth	209-1	7475696	7433059	7356588	7421781	0.81	cps
Bismuth	209-2	1629641	1620335	1632877	1627618	0.40	cps
Boron	10-1	2809	2834	2592	2745	4.84	cps
Boron	11-1	13740	13107	13457	13435	2.36	cps
Cadmium	111-1	1497	1159	1203	1286	14.28	cps
Cadmium	106-1	1425	1008	1183	1206	17.36	cps
Cadmium	108-1	25	67	67	53	45.58	cps
Calcium	43-1	141953	139622	138358	139978	1.30	cps
Calcium	44-1	2330344	2291333	2306184	2309287	0.85	cps
Chromium	52-2	973	1000	920	964	4.22	cps
Cobalt	59-2	1643	1647	1723	1671	2.71	cps
Copper	63-2	9430	9627	9400	9486	1.30	cps
Dysprosium	156-1	608	608	625	614	1.57	cps
Dysprosium	156-2	127	107	93	109	15.41	cps
Erbium	164-1	600	542	467	536	12.47	cps
Erbium	164-2	90	93	73	86	12.53	cps
Gadolinium	160-1	675	617	617	636	5.29	cps
Gadolinium	160-2	167	167	177	170	3.40	cps
Holmium	165-1	10121891	10022110	9984469	10042823	0.71	cps
Holmium	165-2	1914255	1902003	1884242	1900167	0.79	cps
Indium	115-1	6957820	6901635	6881485	6913647	0.57	cps
Indium	115-2	248270	246041	245542	246618	0.59	cps
Iron	56-2	5429	5735	5579	5581	2.74	cps
Iron	57-2	178	172	189	180	4.73	cps
Krypton	83-1	310	287	273	290	6.40	cps
Lead	206-1	1361	1239	1400	1333	6.31	cps
Lead	207-1	1006	1150	1078	1078	6.70	cps
Lead	208-1	5195	5123	5390	5236	2.64	cps
Lithium	6-1	1231407	1221475	1236482	1229788	0.62	cps
Magnesium	24-2	37918	37426	37066	37470	1.14	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-03	Instrumnet Name :	P8
Client Sample ID :	381003729-PBCU177	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:09:02	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	543	423	393	453	17.51	cps
Molybdenum	94-1	1025	717	725	822	21.36	cps
Molybdenum	95-1	892	917	842	883	4.32	cps
Molybdenum	96-1	1250	1108	1067	1142	8.42	cps
Molybdenum	97-1	417	500	600	506	18.16	cps
Molybdenum	98-1	1233	1267	1408	1303	7.13	cps
Neodymium	150-1	787	860	887	845	6.13	cps
Neodymium	150-2	100	57	100	86	29.24	cps
Nickel	60-2	7169	7142	7115	7142	0.37	cps
Phosphorus	31-2	150	92	133	125	24.04	cps
Potassium	39-2	25950	25248	24639	25279	2.60	cps
Rhodium	103-1	6196078	6193152	6229467	6206232	0.33	cps
Rhodium	103-2	1532812	1526093	1535594	1531500	0.32	cps
Scandium	45-1	3182592	3196735	3200871	3193399	0.30	cps
Scandium	45-2	20435	20519	20679	20544	0.60	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	44	53	62	53	17.07	cps
Silicon	28-1	12084546	11970690	11875454	11976896	0.87	cps
Silver	109-1	842	817	633	764	14.89	cps
Silver	107-1	842	825	967	878	8.82	cps
Sodium	23-2	281872	280626	283055	281851	0.43	cps
Strontium	86-1	77151	78350	75073	76858	2.16	cps
Strontium	88-1	679853	672159	665522	672511	1.07	cps
Sulfur	34-1	272949	273633	273583	273388	0.14	cps
Terbium	159-1	10250319	10190453	10056766	10165846	0.97	cps
Terbium	159-2	1813246	1816371	1831893	1820503	0.55	cps
Thallium	203-1	1917	2009	1959	1961	2.34	cps
Thallium	205-1	5160	4668	4926	4918	5.00	cps
Tin	118-1	17437	17662	17270	17456	1.13	cps
Titanium	47-1	542	633	600	592	7.84	cps
Uranium	238-1	2825	2684	2642	2717	3.54	cps
Vanadium	51-2	37	43	23	34	29.57	cps
Yttrium	89-1	6601364	6588692	6595954	6595337	0.10	cps
Yttrium	89-2	169970	167216	167569	168252	0.89	cps
Zinc	66-2	11765	12146	12095	12002	1.72	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-03	Instrumnet Name :	P8
Client Sample ID :	381003729-PBCU177	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:09:02	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	909	450	483	614	41.66	cps
Zirconium	91-1	100	100	125	108	13.32	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-04	Instrumnet Name :	P8
Client Sample ID :	381003730-PBCU178	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:12:25	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	280	218	255	251	12.54	cps
Antimony	121-1	9504	9654	9796	9651	1.51	cps
Arsenic	75-1	16427	17303	17470	17067	3.28	cps
Barium	135-1	4843	4859	5235	4979	4.45	cps
Barium	137-1	9087	8336	8662	8695	4.33	cps
Beryllium	9-1	411	311	350	357	14.10	cps
Bismuth	209-1	7173208	7354390	7259346	7262315	1.25	cps
Bismuth	209-2	1605963	1599511	1595042	1600172	0.34	cps
Boron	10-1	2175	2159	2275	2203	2.86	cps
Boron	11-1	10829	10104	10463	10465	3.47	cps
Cadmium	111-1	1088	1095	1073	1085	1.00	cps
Cadmium	106-1	1225	1258	1233	1239	1.40	cps
Cadmium	108-1	17	46	33	32	45.80	cps
Calcium	43-1	154609	153304	152108	153340	0.82	cps
Calcium	44-1	2565030	2526823	2531699	2541184	0.82	cps
Chromium	52-2	1924	2044	1853	1940	4.95	cps
Cobalt	59-2	327	303	333	321	4.91	cps
Copper	63-2	6328	6365	6322	6338	0.37	cps
Dysprosium	156-1	317	367	367	350	8.25	cps
Dysprosium	156-2	67	70	60	66	7.77	cps
Erbium	164-1	342	225	267	278	21.28	cps
Erbium	164-2	47	43	50	47	7.15	cps
Gadolinium	160-1	317	342	275	311	10.83	cps
Gadolinium	160-2	80	90	70	80	12.50	cps
Holmium	165-1	9784797	9976091	9921629	9894173	1.00	cps
Holmium	165-2	1864935	1859137	1834784	1852952	0.86	cps
Indium	115-1	6631651	6745057	6683520	6686743	0.85	cps
Indium	115-2	241590	242523	239156	241090	0.72	cps
Iron	56-2	6780	6746	6819	6781	0.53	cps
Iron	57-2	150	194	128	157	21.56	cps
Krypton	83-1	347	307	377	343	10.23	cps
Lead	206-1	375221	372260	366829	371437	1.15	cps
Lead	207-1	305921	303367	302455	303914	0.59	cps
Lead	208-1	1446262	1434891	1419224	1433459	0.95	cps
Lithium	6-1	1181133	1221087	1206110	1202777	1.68	cps
Magnesium	24-2	30760	30350	29665	30258	1.83	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-04	Instrumnet Name :	P8
Client Sample ID :	381003730-PBCU178	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:12:25	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	367	423	410	400	7.41	cps
Molybdenum	94-1	567	625	742	645	13.83	cps
Molybdenum	95-1	692	658	758	703	7.25	cps
Molybdenum	96-1	700	850	733	761	10.35	cps
Molybdenum	97-1	425	433	350	403	11.40	cps
Molybdenum	98-1	1192	1125	975	1097	10.11	cps
Neodymium	150-1	460	487	560	502	10.31	cps
Neodymium	150-2	77	67	47	63	24.12	cps
Nickel	60-2	2824	2877	2884	2861	1.15	cps
Phosphorus	31-2	42	92	75	69	36.66	cps
Potassium	39-2	24697	25758	25374	25276	2.12	cps
Rhodium	103-1	5963992	6167703	6068961	6066886	1.68	cps
Rhodium	103-2	1496600	1519835	1487245	1501227	1.12	cps
Scandium	45-1	3093288	3159768	3136382	3129813	1.08	cps
Scandium	45-2	20318	20285	20058	20220	0.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-15	41	-69	-14	-392.06	cps
Silicon	28-1	12736471	12619169	12437799	12597813	1.19	cps
Silver	109-1	775	567	658	667	15.66	cps
Silver	107-1	700	767	817	761	7.69	cps
Sodium	23-2	273590	274680	269431	272567	1.02	cps
Strontium	86-1	75425	74110	73732	74422	1.19	cps
Strontium	88-1	654589	650448	649572	651537	0.41	cps
Sulfur	34-1	272582	268113	274009	271568	1.13	cps
Terbium	159-1	9817475	10023959	9990688	9944041	1.11	cps
Terbium	159-2	1777923	1767378	1790100	1778467	0.64	cps
Thallium	203-1	1542	1450	1584	1525	4.47	cps
Thallium	205-1	3576	3476	3509	3520	1.45	cps
Tin	118-1	8612	10137	8778	9176	9.12	cps
Titanium	47-1	542	617	492	550	11.44	cps
Uranium	238-1	3576	3784	3826	3729	3.59	cps
Vanadium	51-2	103	57	97	86	29.50	cps
Yttrium	89-1	6351186	6511138	6396065	6419463	1.29	cps
Yttrium	89-2	165920	165637	164500	165353	0.45	cps
Zinc	66-2	8553	8703	8263	8506	2.63	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-04	Instrumnet Name :	P8
Client Sample ID :	381003730-PBCU178	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:12:25	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	642	583	533	586	9.25	cps
Zirconium	91-1	58	233	92	128	72.72	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-05	Instrumnet Name :	P8
Client Sample ID :	381003731-PBCU179	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:15:48	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	223	245	198	222	10.72	cps
Antimony	121-1	8195	8486	9028	8570	4.94	cps
Arsenic	75-1	17145	17529	18830	17834	4.95	cps
Barium	135-1	6710	6168	6102	6327	5.28	cps
Barium	137-1	11147	11255	11430	11278	1.27	cps
Beryllium	9-1	256	267	244	256	4.35	cps
Bismuth	209-1	7549474	7386497	7356646	7430872	1.40	cps
Bismuth	209-2	1617355	1614825	1609316	1613832	0.25	cps
Boron	10-1	2842	2992	2959	2931	2.69	cps
Boron	11-1	14174	14775	14850	14600	2.54	cps
Cadmium	111-1	918	956	861	912	5.24	cps
Cadmium	106-1	1175	1283	1150	1203	5.89	cps
Cadmium	108-1	13	13	21	15	31.48	cps
Calcium	43-1	180716	176049	176729	177831	1.42	cps
Calcium	44-1	2996716	2947027	2901317	2948353	1.62	cps
Chromium	52-2	1003	927	967	966	3.97	cps
Cobalt	59-2	373	500	433	436	14.55	cps
Copper	63-2	7806	7689	7679	7724	0.91	cps
Dysprosium	156-1	358	217	300	292	24.41	cps
Dysprosium	156-2	87	57	57	67	25.98	cps
Erbium	164-1	317	283	233	278	15.10	cps
Erbium	164-2	37	67	43	49	32.22	cps
Gadolinium	160-1	342	433	300	358	19.04	cps
Gadolinium	160-2	77	70	67	71	7.16	cps
Holmium	165-1	10192955	10035293	9945463	10057904	1.25	cps
Holmium	165-2	1889377	1881559	1862261	1877732	0.74	cps
Indium	115-1	6924514	6798518	6805963	6842999	1.03	cps
Indium	115-2	243901	244378	244818	244366	0.19	cps
Iron	56-2	3284	3278	3117	3226	2.94	cps
Iron	57-2	67	67	94	76	21.12	cps
Krypton	83-1	320	327	277	308	8.82	cps
Lead	206-1	1656	1533	1372	1521	9.35	cps
Lead	207-1	789	1006	989	928	13.00	cps
Lead	208-1	4706	4450	4412	4523	3.54	cps
Lithium	6-1	1254288	1244348	1220424	1239687	1.40	cps
Magnesium	24-2	34701	34769	34477	34649	0.44	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-05	Instrumnet Name :	P8
Client Sample ID :	381003731-PBCU179	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:15:48	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	240	233	247	240	2.78	cps
Molybdenum	94-1	583	517	425	508	15.64	cps
Molybdenum	95-1	425	475	483	461	6.84	cps
Molybdenum	96-1	600	575	692	622	9.87	cps
Molybdenum	97-1	325	325	325	325	0.00	cps
Molybdenum	98-1	842	733	825	800	7.29	cps
Neodymium	150-1	440	487	340	422	17.75	cps
Neodymium	150-2	53	30	30	38	35.66	cps
Nickel	60-2	617	590	727	644	11.24	cps
Phosphorus	31-2	83	208	92	128	54.70	cps
Potassium	39-2	25057	25031	24530	24873	1.19	cps
Rhodium	103-1	6263176	6149063	6180822	6197687	0.95	cps
Rhodium	103-2	1511192	1516443	1504714	1510783	0.39	cps
Scandium	45-1	3219874	3177971	3203713	3200519	0.66	cps
Scandium	45-2	20358	20011	20362	20244	0.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-11	-56	2	-22	-140.93	cps
Silicon	28-1	10967834	10797907	10723491	10829744	1.16	cps
Silver	109-1	633	783	675	697	11.11	cps
Silver	107-1	867	725	783	792	8.99	cps
Sodium	23-2	282018	281534	278884	280812	0.60	cps
Strontium	86-1	93678	94064	94987	94243	0.71	cps
Strontium	88-1	826451	819122	816855	820810	0.61	cps
Sulfur	34-1	275689	275197	275224	275370	0.10	cps
Terbium	159-1	10241238	10133434	10077526	10150733	0.82	cps
Terbium	159-2	1814620	1816910	1794115	1808548	0.69	cps
Thallium	203-1	1225	1150	1117	1164	4.77	cps
Thallium	205-1	2492	2609	2742	2614	4.79	cps
Tin	118-1	33192	32791	31965	32649	1.92	cps
Titanium	47-1	550	458	383	464	18.00	cps
Uranium	238-1	3076	3776	3092	3314	12.06	cps
Vanadium	51-2	97	83	70	83	16.00	cps
Yttrium	89-1	6617887	6601744	6502658	6574096	0.95	cps
Yttrium	89-2	168339	167638	166925	167634	0.42	cps
Zinc	66-2	2117	2084	1990	2064	3.18	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5398-05	Instrumnet Name :	P8
Client Sample ID :	381003731-PBCU179	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:15:48	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	625	708	600	644	8.80	cps
Zirconium	91-1	117	133	100	117	14.28	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:25:55	DataFile Name :	067CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	307204	305941	309461	307536	0.58	cps
Antimony	121-1	5354901	5389105	5448013	5397340	0.87	cps
Arsenic	75-1	1134316	1156960	1160865	1150714	1.25	cps
Barium	135-1	5870138	5802349	5823881	5832123	0.59	cps
Barium	137-1	10219787	10166324	10288080	10224731	0.60	cps
Beryllium	9-1	605309	616639	614286	612078	0.98	cps
Bismuth	209-1	6097361	6199828	5927111	6074767	2.27	cps
Bismuth	209-2	1345937	1415353	1419214	1393501	2.96	cps
Boron	10-1	70624	72860	72969	72151	1.83	cps
Boron	11-1	344363	353343	358563	352090	2.04	cps
Cadmium	111-1	1141541	1136189	1148317	1142016	0.53	cps
Cadmium	106-1	121948	119677	122932	121519	1.37	cps
Cadmium	108-1	82010	82362	82798	82390	0.48	cps
Calcium	43-1	4722612	4775894	4795912	4764806	0.80	cps
Calcium	44-1	77604052	78446991	78839614	78296886	0.81	cps
Chromium	52-2	391390	392657	396255	393434	0.64	cps
Cobalt	59-2	843891	844576	850483	846317	0.43	cps
Copper	63-2	1434016	1437058	1449099	1440057	0.55	cps
Dysprosium	156-1	167	125	150	147	14.24	cps
Dysprosium	156-2	17	17	20	18	10.81	cps
Erbium	164-1	8	58	25	31	83.33	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	67	58	125	83	43.59	cps
Gadolinium	160-2	10	17	30	19	53.91	cps
Holmium	165-1	9059021	9064144	8743293	8955486	2.05	cps
Holmium	165-2	1736700	1782089	1793405	1770731	1.69	cps
Indium	115-1	5989400	6007958	5898569	5965309	0.98	cps
Indium	115-2	220925	232843	234053	229274	3.16	cps
Iron	56-2	65601415	64887188	65222615	65237073	0.55	cps
Iron	57-2	1686307	1699840	1686586	1690911	0.46	cps
Krypton	83-1	293	317	283	298	5.75	cps
Lead	206-1	4221990	4194624	4186523	4201046	0.44	cps
Lead	207-1	3839639	3843034	3878200	3853624	0.55	cps
Lead	208-1	17187085	17236582	17162581	17195416	0.22	cps
Lithium	6-1	1065138	1086505	1050593	1067412	1.69	cps
Magnesium	24-2	6634448	6561864	6662472	6619595	0.78	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:25:55	DataFile Name :	067CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	222025	221521	221239	221595	0.18	cps
Molybdenum	94-1	8760615	8696840	8842739	8766731	0.83	cps
Molybdenum	95-1	10807719	10810412	10856263	10824798	0.25	cps
Molybdenum	96-1	12032433	12033485	12105371	12057097	0.35	cps
Molybdenum	97-1	6767478	6786907	6830986	6795124	0.48	cps
Molybdenum	98-1	17556017	17328644	17712388	17532350	1.10	cps
Neodymium	150-1	273	280	327	293	9.91	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	250678	254530	253675	252961	0.80	cps
Phosphorus	31-2	3692	4167	3809	3890	6.37	cps
Potassium	39-2	1661385	1652760	1670620	1661588	0.54	cps
Rhodium	103-1	5346579	5319076	5276835	5314163	0.66	cps
Rhodium	103-2	1319630	1373022	1387071	1359908	2.62	cps
Scandium	45-1	3085536	3097169	3014997	3065900	1.45	cps
Scandium	45-2	20956	21911	21907	21591	2.55	cps
Selenium	77-2	297	377	313	329	12.83	cps
Selenium	78-2	1232	1211	1161	1201	3.01	cps
Selenium	82-1	64145	64999	64643	64595	0.66	cps
Silicon	28-1	2032555	2029154	2059077	2040262	0.80	cps
Silver	109-1	5293184	5272270	5290983	5285479	0.22	cps
Silver	107-1	5450210	5469526	5473301	5464345	0.23	cps
Sodium	23-2	14610156	14668833	14689537	14656175	0.28	cps
Strontium	86-1	1303754	1301517	1316685	1307319	0.63	cps
Strontium	88-1	11445602	11464567	11555775	11488648	0.51	cps
Sulfur	34-1	548278	548148	547631	548019	0.06	cps
Terbium	159-1	9113871	9231500	8850628	9065333	2.15	cps
Terbium	159-2	1632617	1708207	1715021	1685282	2.71	cps
Thallium	203-1	5218309	5195666	5209773	5207916	0.22	cps
Thallium	205-1	12303773	12378456	12251866	12311365	0.52	cps
Tin	118-1	3736285	3732322	3773555	3747387	0.61	cps
Titanium	47-1	2415972	2457560	2428105	2433879	0.88	cps
Uranium	238-1	18511651	18334204	18482487	18442781	0.52	cps
Vanadium	51-2	280378	278639	283680	280899	0.91	cps
Yttrium	89-1	6080099	6135574	5981714	6065796	1.28	cps
Yttrium	89-2	162658	169753	170875	167762	2.66	cps
Zinc	66-2	134824	136022	135662	135503	0.45	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:25:55	DataFile Name :	067CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7184786	7261916	7411258	7285987	1.58	cps
Zirconium	91-1	1641844	1647638	1653934	1647805	0.37	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:29:07	DataFile Name :	068CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	13	23	15	44.12	cps
Antimony	121-1	15318	13474	12840	13877	9.28	cps
Arsenic	75-1	733	750	625	703	9.66	cps
Barium	135-1	458	342	267	356	27.16	cps
Barium	137-1	908	725	367	667	41.33	cps
Beryllium	9-1	478	367	444	430	13.27	cps
Bismuth	209-1	6762074	6744018	6672806	6726299	0.70	cps
Bismuth	209-2	1506821	1531913	1604166	1547633	3.27	cps
Boron	10-1	3200	2675	2617	2831	11.35	cps
Boron	11-1	14591	13515	12589	13565	7.39	cps
Cadmium	111-1	1153	1079	1063	1098	4.40	cps
Cadmium	106-1	1392	1308	1325	1342	3.29	cps
Cadmium	108-1	0	17	33	17	99.99	cps
Calcium	43-1	483	558	433	492	12.80	cps
Calcium	44-1	14358	12640	10997	12665	13.27	cps
Chromium	52-2	303	313	307	308	1.65	cps
Cobalt	59-2	33	43	40	39	13.09	cps
Copper	63-2	417	390	413	407	3.57	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	33	67	44	43.31	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	50	17	50	39	49.48	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	9367224	9307115	9201348	9291895	0.90	cps
Holmium	165-2	1829660	1841752	1854393	1841935	0.67	cps
Indium	115-1	6614423	6467239	6478303	6519988	1.26	cps
Indium	115-2	245424	249314	253952	249563	1.71	cps
Iron	56-2	3028	2789	2278	2699	14.20	cps
Iron	57-2	78	78	44	67	28.86	cps
Krypton	83-1	330	357	280	322	12.08	cps
Lead	206-1	878	772	839	830	6.44	cps
Lead	207-1	678	661	533	624	12.66	cps
Lead	208-1	3345	3056	2872	3091	7.70	cps
Lithium	6-1	1140572	1146734	1160515	1149273	0.89	cps
Magnesium	24-2	250	383	342	325	20.99	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:29:07	DataFile Name :	068CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	30	17	20	44.10	cps
Molybdenum	94-1	3509	3476	2967	3317	9.15	cps
Molybdenum	95-1	5126	4101	3626	4284	17.90	cps
Molybdenum	96-1	5326	4476	3926	4576	15.42	cps
Molybdenum	97-1	2934	2334	2367	2545	13.25	cps
Molybdenum	98-1	7869	6985	5918	6924	14.11	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117	147	133	132	11.37	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1684	1784	1700	1722	3.11	cps
Rhodium	103-1	6016622	5923277	5959052	5966317	0.79	cps
Rhodium	103-2	1531324	1499296	1544672	1525097	1.53	cps
Scandium	45-1	3203900	3199058	3192820	3198593	0.17	cps
Scandium	45-2	21296	21603	21861	21587	1.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-24	-1	71	15	323.88	cps
Silicon	28-1	141365	139404	138075	139614	1.19	cps
Silver	109-1	767	600	675	681	12.27	cps
Silver	107-1	850	733	692	758	10.82	cps
Sodium	23-2	4943	5160	5068	5057	2.15	cps
Strontium	86-1	650	692	550	631	11.55	cps
Strontium	88-1	1142	833	617	864	30.54	cps
Sulfur	34-1	282241	280357	279013	280537	0.58	cps
Terbium	159-1	9523247	9455573	9341536	9440119	0.97	cps
Terbium	159-2	1741683	1743475	1783305	1756155	1.34	cps
Thallium	203-1	2350	2209	1709	2089	16.14	cps
Thallium	205-1	5485	5185	4935	5201	5.30	cps
Tin	118-1	3359	3209	3100	3223	4.03	cps
Titanium	47-1	283	308	200	264	21.50	cps
Uranium	238-1	1684	1042	975	1233	31.72	cps
Vanadium	51-2	3	17	3	8	99.04	cps
Yttrium	89-1	6373684	6315529	6311883	6333699	0.55	cps
Yttrium	89-2	170493	173546	176755	173598	1.80	cps
Zinc	66-2	97	110	130	112	14.95	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:29:07	DataFile Name :	068CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2717	2492	2234	2481	9.75	cps
Zirconium	91-1	575	350	508	478	24.19	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5399-01	Instrumnet Name :	P8
Client Sample ID :	381003096.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:32:30	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80	70	68	73	9.12	cps
Antimony	121-1	6360	6327	6602	6430	2.34	cps
Arsenic	75-1	15176	16335	16744	16085	5.06	cps
Barium	135-1	337679	336941	337995	337538	0.16	cps
Barium	137-1	600744	602318	598492	600518	0.32	cps
Beryllium	9-1	278	367	272	306	17.34	cps
Bismuth	209-1	7232624	7234132	7205891	7224215	0.22	cps
Bismuth	209-2	1604622	1586872	1565173	1585556	1.25	cps
Boron	10-1	25081	26367	26993	26147	3.73	cps
Boron	11-1	129918	132540	134054	132170	1.58	cps
Cadmium	111-1	1196	1074	1048	1106	7.14	cps
Cadmium	106-1	1525	1383	1333	1414	7.03	cps
Cadmium	108-1	38	46	33	39	16.37	cps
Calcium	43-1	2121190	2102934	2093894	2106006	0.66	cps
Calcium	44-1	34518706	34164016	34090425	34257716	0.67	cps
Chromium	52-2	2317	2347	2270	2311	1.67	cps
Cobalt	59-2	330	320	347	332	4.06	cps
Copper	63-2	33855	33828	33160	33614	1.17	cps
Dysprosium	156-1	133	167	150	150	11.11	cps
Dysprosium	156-2	53	47	50	50	6.66	cps
Erbium	164-1	400	408	425	411	3.10	cps
Erbium	164-2	57	107	87	83	30.20	cps
Gadolinium	160-1	275	242	300	272	10.75	cps
Gadolinium	160-2	60	73	60	64	11.94	cps
Holmium	165-1	10189340	10200842	10196527	10195570	0.06	cps
Holmium	165-2	1972607	1920122	1900941	1931224	1.92	cps
Indium	115-1	7032206	6956609	6974235	6987683	0.57	cps
Indium	115-2	257652	254381	251769	254601	1.16	cps
Iron	56-2	19414	18846	18185	18815	3.27	cps
Iron	57-2	500	539	456	498	8.37	cps
Krypton	83-1	293	280	290	288	2.41	cps
Lead	206-1	7908	7691	7636	7745	1.86	cps
Lead	207-1	6808	6624	6380	6604	3.25	cps
Lead	208-1	30943	30888	30182	30671	1.38	cps
Lithium	6-1	1219150	1240654	1224786	1228197	0.91	cps
Magnesium	24-2	885928	865847	861295	871023	1.50	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5399-01	Instrumnet Name :	P8
Client Sample ID :	381003096.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:32:30	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	310	357	310	326	8.28	cps
Molybdenum	94-1	1734	1992	1675	1800	9.36	cps
Molybdenum	95-1	1842	1809	1975	1875	4.70	cps
Molybdenum	96-1	2609	2259	2417	2428	7.22	cps
Molybdenum	97-1	1217	1275	1217	1236	2.73	cps
Molybdenum	98-1	2925	3134	3401	3153	7.55	cps
Neodymium	150-1	107	80	73	87	20.35	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	1297	1120	1173	1197	7.57	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	22360	21960	21751	22024	1.41	cps
Rhodium	103-1	6264650	6225699	6220842	6237064	0.39	cps
Rhodium	103-2	1553472	1565788	1530887	1550049	1.14	cps
Scandium	45-1	3410011	3380516	3386856	3392461	0.46	cps
Scandium	45-2	22538	22265	21473	22092	2.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	49	76	80	68	25.08	cps
Silicon	28-1	43146518	42932090	42724092	42934233	0.49	cps
Silver	109-1	1258	1325	1325	1303	2.95	cps
Silver	107-1	1350	1508	1592	1483	8.28	cps
Sodium	23-2	4797472	4668820	4630818	4699037	1.86	cps
Strontium	86-1	846912	840117	832719	839916	0.85	cps
Strontium	88-1	7443175	7344312	7341838	7376442	0.78	cps
Sulfur	34-1	748859	748352	746456	747889	0.17	cps
Terbium	159-1	10283730	10407387	10361315	10350810	0.60	cps
Terbium	159-2	1880047	1830209	1848412	1852889	1.36	cps
Thallium	203-1	2992	3109	2909	3003	3.35	cps
Thallium	205-1	7378	7161	6244	6927	8.69	cps
Tin	118-1	2450	2192	2400	2348	5.84	cps
Titanium	47-1	617	433	533	528	17.39	cps
Uranium	238-1	73266	74716	75176	74386	1.34	cps
Vanadium	51-2	920	967	957	948	2.59	cps
Yttrium	89-1	6876516	6770859	6830916	6826097	0.78	cps
Yttrium	89-2	180994	177264	177084	178447	1.24	cps
Zinc	66-2	2460	2510	2217	2396	6.55	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5399-01	Instrumnet Name :	P8
Client Sample ID :	381003096.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:32:30	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1517	1517	1659	1564	5.23	cps
Zirconium	91-1	350	325	308	328	6.40	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5412-01	Instrumnet Name :	P8
Client Sample ID :	381003204.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:35:51	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	50	58	55	7.88	cps
Antimony	121-1	7269	7494	7769	7511	3.34	cps
Arsenic	75-1	15993	15726	16986	16235	4.09	cps
Barium	135-1	111534	111476	110282	111097	0.64	cps
Barium	137-1	198655	196616	199702	198325	0.79	cps
Beryllium	9-1	222	244	256	241	7.05	cps
Bismuth	209-1	7356151	6889387	6990772	7078770	3.47	cps
Bismuth	209-2	1693497	1598754	1602032	1631427	3.30	cps
Boron	10-1	99242	102993	105897	102711	3.25	cps
Boron	11-1	497619	500850	512908	503792	1.60	cps
Cadmium	111-1	1112	966	1121	1066	8.16	cps
Cadmium	106-1	1458	1292	1458	1403	6.86	cps
Cadmium	108-1	67	67	83	72	13.33	cps
Calcium	43-1	854225	844579	851357	850054	0.58	cps
Calcium	44-1	13886983	13873989	13858230	13873067	0.10	cps
Chromium	52-2	467	397	460	441	8.76	cps
Cobalt	59-2	120	93	93	102	15.06	cps
Copper	63-2	71335	70565	70622	70840	0.61	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	25	33	36	35.25	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	67	50	75	64	19.92	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	10273523	9658528	9836507	9922853	3.19	cps
Holmium	165-2	1963042	1905533	1913951	1927509	1.61	cps
Indium	115-1	7110721	6695815	6767549	6858028	3.23	cps
Indium	115-2	259448	254435	252488	255457	1.41	cps
Iron	56-2	2945	2723	2589	2752	6.53	cps
Iron	57-2	50	67	39	52	26.97	cps
Krypton	83-1	317	307	327	317	3.16	cps
Lead	206-1	3467	3645	3695	3602	3.32	cps
Lead	207-1	3023	3034	2867	2975	3.13	cps
Lead	208-1	14293	13976	14059	14109	1.16	cps
Lithium	6-1	1264081	1185074	1203124	1217426	3.40	cps
Magnesium	24-2	396039	397632	394072	395914	0.45	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5412-01	Instrumnet Name :	P8
Client Sample ID :	381003204.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:35:51	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2337	2280	2340	2319	1.45	cps
Molybdenum	94-1	250290	250131	250454	250291	0.06	cps
Molybdenum	95-1	439773	440394	438671	439613	0.20	cps
Molybdenum	96-1	470142	470953	466529	469208	0.50	cps
Molybdenum	97-1	278268	274223	275436	275976	0.75	cps
Molybdenum	98-1	718125	713422	708690	713412	0.66	cps
Neodymium	150-1	7	0	33	13	132.27	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	273	307	320	300	8.01	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	15810	15167	14333	15103	4.90	cps
Rhodium	103-1	6351633	5952960	6080814	6128469	3.32	cps
Rhodium	103-2	1583254	1559691	1578543	1573829	0.79	cps
Scandium	45-1	3370968	3226571	3217661	3271733	2.63	cps
Scandium	45-2	21814	21313	21447	21524	1.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	9	24	14	67.24	cps
Selenium	82-1	715	729	720	722	0.96	cps
Silicon	28-1	22138677	21878803	21716449	21911310	0.97	cps
Silver	109-1	850	1000	1000	950	9.12	cps
Silver	107-1	1100	1025	1100	1075	4.03	cps
Sodium	23-2	1635615	1592555	1593161	1607110	1.54	cps
Strontium	86-1	6303570	6220618	6185915	6236701	0.97	cps
Strontium	88-1	54700287	54435297	54023926	54386503	0.63	cps
Sulfur	34-1	614981	611148	609823	611984	0.44	cps
Terbium	159-1	10398360	9832164	9994765	10075096	2.89	cps
Terbium	159-2	1873446	1813380	1885705	1857510	2.08	cps
Thallium	203-1	1133	1150	883	1056	14.15	cps
Thallium	205-1	2592	2600	2525	2573	1.60	cps
Tin	118-1	2425	2375	2384	2395	1.12	cps
Titanium	47-1	208	392	317	306	30.17	cps
Uranium	238-1	375407	378080	373896	375794	0.56	cps
Vanadium	51-2	93	67	103	88	21.59	cps
Yttrium	89-1	6920908	6395383	6544495	6620262	4.09	cps
Yttrium	89-2	178000	176260	176312	176857	0.56	cps
Zinc	66-2	2660	2624	2500	2595	3.23	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5412-01	Instrumnet Name :	P8
Client Sample ID :	381003204.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:35:51	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1650	1742	1667	1686	2.90	cps
Zirconium	91-1	383	408	458	417	9.16	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5412-02	Instrumnet Name :	P8
Client Sample ID :	381003205.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:39:12	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38	48	60	48	23.33	cps
Antimony	121-1	6644	7010	7244	6966	4.34	cps
Arsenic	75-1	17445	18380	18738	18188	3.67	cps
Barium	135-1	5743	5793	5960	5832	1.95	cps
Barium	137-1	10571	10496	11105	10724	3.10	cps
Beryllium	9-1	189	206	194	196	4.32	cps
Bismuth	209-1	7379800	7308347	7354678	7347608	0.49	cps
Bismuth	209-2	1608949	1604360	1592740	1602016	0.52	cps
Boron	10-1	6452	5668	5593	5904	8.06	cps
Boron	11-1	32346	30926	29181	30817	5.14	cps
Cadmium	111-1	901	913	1042	952	8.20	cps
Cadmium	106-1	1175	1250	1367	1264	7.64	cps
Cadmium	108-1	13	42	33	29	51.51	cps
Calcium	43-1	1950039	1928425	1920389	1932951	0.79	cps
Calcium	44-1	31490456	31206852	30923845	31207051	0.91	cps
Chromium	52-2	397	367	387	383	3.98	cps
Cobalt	59-2	63	43	40	49	25.81	cps
Copper	63-2	145886	146182	143279	145116	1.10	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	117	100	108	108	7.69	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	83	67	58	69	18.33	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	10200317	10123900	10077805	10134008	0.61	cps
Holmium	165-2	1932507	1925889	1870242	1909546	1.79	cps
Indium	115-1	6950505	6944053	6928620	6941059	0.16	cps
Indium	115-2	250552	250420	250407	250460	0.03	cps
Iron	56-2	2222	2356	2439	2339	4.67	cps
Iron	57-2	44	72	67	61	24.05	cps
Krypton	83-1	267	323	267	286	11.46	cps
Lead	206-1	26584	26807	25637	26343	2.36	cps
Lead	207-1	22092	22482	21090	21888	3.28	cps
Lead	208-1	104784	104637	102534	103985	1.21	cps
Lithium	6-1	1247463	1225754	1214653	1229290	1.36	cps
Magnesium	24-2	310925	310274	306504	309234	0.77	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5412-02	Instrumnet Name :	P8
Client Sample ID :	381003205.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:39:12	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	560	583	550	564	3.03	cps
Molybdenum	94-1	2384	2317	2450	2384	2.80	cps
Molybdenum	95-1	3326	3451	3634	3470	4.47	cps
Molybdenum	96-1	4067	3842	4017	3976	2.97	cps
Molybdenum	97-1	2417	2084	2225	2242	7.46	cps
Molybdenum	98-1	6143	5501	5877	5840	5.52	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	3110	3000	2897	3003	3.55	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	53486	52591	52156	52744	1.29	cps
Rhodium	103-1	6254769	6179919	6210391	6215026	0.61	cps
Rhodium	103-2	1544582	1510172	1509044	1521266	1.33	cps
Scandium	45-1	3294506	3287187	3264006	3281900	0.49	cps
Scandium	45-2	21857	21123	21380	21453	1.74	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	32	35	64	44	40.85	cps
Silicon	28-1	36755730	36251375	35962883	36323329	1.10	cps
Silver	109-1	917	875	942	911	3.70	cps
Silver	107-1	758	983	958	900	13.70	cps
Sodium	23-2	1032215	1034790	1020399	1029135	0.75	cps
Strontium	86-1	1476585	1430736	1445580	1450967	1.61	cps
Strontium	88-1	12741116	12621404	12468392	12610304	1.08	cps
Sulfur	34-1	517973	515708	512107	515263	0.57	cps
Terbium	159-1	10274023	10241497	10256240	10257253	0.16	cps
Terbium	159-2	1833552	1821508	1832102	1829054	0.36	cps
Thallium	203-1	675	675	725	692	4.17	cps
Thallium	205-1	1709	1809	1984	1834	7.59	cps
Tin	118-1	9345	9912	9437	9565	3.18	cps
Titanium	47-1	542	358	375	425	23.85	cps
Uranium	238-1	129190	129932	129763	129628	0.30	cps
Vanadium	51-2	677	737	653	689	6.24	cps
Yttrium	89-1	6728856	6727872	6699798	6718842	0.25	cps
Yttrium	89-2	172810	172571	172048	172477	0.23	cps
Zinc	66-2	64268	63408	63177	63617	0.90	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5412-02	Instrumnet Name :	P8
Client Sample ID :	381003205.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:39:12	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1559	1500	1450	1503	3.61	cps
Zirconium	91-1	333	292	308	311	6.74	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5413-01	Instrumnet Name :	P8
Client Sample ID :	381003202.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:42:33	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	45	83	67	29.13	cps
Antimony	121-1	4876	4843	5218	4979	4.17	cps
Arsenic	75-1	18071	19573	21367	19670	8.39	cps
Barium	135-1	200	300	275	258	20.15	cps
Barium	137-1	542	450	508	500	9.28	cps
Beryllium	9-1	200	172	167	180	9.94	cps
Bismuth	209-1	7355138	7336415	7377579	7356377	0.28	cps
Bismuth	209-2	1636203	1621993	1609201	1622466	0.83	cps
Boron	10-1	20215	21091	21258	20855	2.69	cps
Boron	11-1	100753	104186	104134	103024	1.91	cps
Cadmium	111-1	853	983	966	934	7.52	cps
Cadmium	106-1	1192	1317	1325	1278	5.85	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	2792	2617	2675	2695	3.31	cps
Calcium	44-1	53369	53335	54139	53614	0.85	cps
Chromium	52-2	1887	1893	1873	1885	0.54	cps
Cobalt	59-2	590	553	507	550	7.60	cps
Copper	63-2	55363	55544	56036	55647	0.63	cps
Dysprosium	156-1	75	58	58	64	15.05	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-1	125	192	183	167	21.79	cps
Erbium	164-2	17	23	37	26	39.85	cps
Gadolinium	160-1	75	83	58	72	17.62	cps
Gadolinium	160-2	20	17	17	18	10.81	cps
Holmium	165-1	10159837	10281322	10323059	10254739	0.83	cps
Holmium	165-2	1954739	1945270	1929357	1943122	0.66	cps
Indium	115-1	6945810	6964242	7048555	6986202	0.78	cps
Indium	115-2	257252	254481	251301	254345	1.17	cps
Iron	56-2	5596	5157	5251	5335	4.33	cps
Iron	57-2	150	128	156	144	10.18	cps
Krypton	83-1	320	330	277	309	9.18	cps
Lead	206-1	34536	35550	35010	35032	1.45	cps
Lead	207-1	30147	30142	30431	30240	0.55	cps
Lead	208-1	139431	139446	140663	139847	0.51	cps
Lithium	6-1	1228795	1233232	1224700	1228909	0.35	cps
Magnesium	24-2	1383	1308	1675	1456	13.31	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5413-01	Instrumnet Name :	P8
Client Sample ID :	381003202.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:42:33	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	123	120	177	140	22.71	cps
Molybdenum	94-1	708	683	808	733	9.02	cps
Molybdenum	95-1	550	633	567	583	7.56	cps
Molybdenum	96-1	683	675	817	725	10.97	cps
Molybdenum	97-1	458	367	508	444	16.17	cps
Molybdenum	98-1	767	858	1025	883	14.83	cps
Neodymium	150-1	33	60	60	51	30.13	cps
Neodymium	150-2	3	13	0	6	124.93	cps
Nickel	60-2	340	407	330	359	11.61	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	6577	6744	6735	6685	1.41	cps
Rhodium	103-1	6260239	6283321	6315412	6286324	0.44	cps
Rhodium	103-2	1586565	1584343	1563276	1578062	0.81	cps
Scandium	45-1	3340323	3351897	3356645	3349622	0.25	cps
Scandium	45-2	22051	21780	22017	21950	0.67	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	0	-32	-1	-11	-161.01	cps
Silicon	28-1	43079003	43021770	43340140	43146971	0.39	cps
Silver	109-1	658	775	867	767	13.62	cps
Silver	107-1	667	825	883	792	14.16	cps
Sodium	23-2	7623868	7530955	7443324	7532716	1.20	cps
Strontium	86-1	1542	1734	1500	1592	7.82	cps
Strontium	88-1	10137	9562	9987	9896	3.02	cps
Sulfur	34-1	448103	452792	454134	451676	0.70	cps
Terbium	159-1	10374753	10353226	10422497	10383492	0.34	cps
Terbium	159-2	1866741	1869899	1850789	1862476	0.55	cps
Thallium	203-1	608	617	600	608	1.37	cps
Thallium	205-1	1417	2545	1525	1829	34.03	cps
Tin	118-1	7853	7911	7169	7644	5.40	cps
Titanium	47-1	483	508	492	494	2.58	cps
Uranium	238-1	1609	1559	1442	1536	5.57	cps
Vanadium	51-2	253	267	273	264	3.85	cps
Yttrium	89-1	6790872	6820846	6855987	6822568	0.48	cps
Yttrium	89-2	177527	177204	176922	177218	0.17	cps
Zinc	66-2	5855	5508	5661	5675	3.06	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5413-01	Instrumnet Name :	P8
Client Sample ID :	381003202.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:42:33	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1233	1175	817	1075	20.99	cps
Zirconium	91-1	150	267	258	225	28.93	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5413-02	Instrumnet Name :	P8
Client Sample ID :	381003202.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:45:56	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	53	43	56	27.36	cps
Antimony	121-1	5743	5501	5626	5624	2.15	cps
Arsenic	75-1	21343	24055	23963	23120	6.66	cps
Barium	135-1	475	333	342	383	20.74	cps
Barium	137-1	575	717	642	644	11.00	cps
Beryllium	9-1	172	144	172	163	9.84	cps
Bismuth	209-1	7384288	7254800	7154358	7264482	1.59	cps
Bismuth	209-2	1573215	1579779	1581261	1578085	0.27	cps
Boron	10-1	18721	18863	19088	18891	0.98	cps
Boron	11-1	90535	91139	90921	90865	0.34	cps
Cadmium	111-1	1655	1663	1490	1603	6.08	cps
Cadmium	106-1	1433	1342	1233	1336	7.49	cps
Cadmium	108-1	75	92	75	81	11.95	cps
Calcium	43-1	3159	3109	2825	3031	5.93	cps
Calcium	44-1	61535	59117	58113	59588	2.95	cps
Chromium	52-2	1513	1403	1380	1432	4.97	cps
Cobalt	59-2	553	497	560	537	6.49	cps
Copper	63-2	329363	326844	324319	326842	0.77	cps
Dysprosium	156-1	33	42	50	42	20.00	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	108	125	100	111	11.46	cps
Erbium	164-2	13	23	17	18	28.64	cps
Gadolinium	160-1	133	75	108	106	27.73	cps
Gadolinium	160-2	7	13	20	13	49.99	cps
Holmium	165-1	10336604	10159542	10061771	10185972	1.37	cps
Holmium	165-2	1898641	1889932	1900063	1896212	0.29	cps
Indium	115-1	7011882	6889694	6816014	6905863	1.43	cps
Indium	115-2	246235	247635	246358	246743	0.31	cps
Iron	56-2	2700	2962	2900	2854	4.79	cps
Iron	57-2	106	67	67	80	28.20	cps
Krypton	83-1	240	267	283	263	8.30	cps
Lead	206-1	23706	23099	24001	23602	1.95	cps
Lead	207-1	19755	20172	19404	19777	1.94	cps
Lead	208-1	94268	93164	91619	93017	1.43	cps
Lithium	6-1	1226372	1202360	1192670	1207134	1.44	cps
Magnesium	24-2	5009	5168	4468	4882	7.52	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5413-02	Instrumnet Name :	P8
Client Sample ID :	381003202.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:45:56	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130	103	150	128	18.32	cps
Molybdenum	94-1	750	625	633	669	10.44	cps
Molybdenum	95-1	400	492	467	453	10.47	cps
Molybdenum	96-1	717	617	650	661	7.70	cps
Molybdenum	97-1	317	292	483	364	28.63	cps
Molybdenum	98-1	733	850	825	803	7.65	cps
Neodymium	150-1	33	13	47	31	53.94	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	3177	3197	2970	3115	4.03	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	7002	6752	7085	6946	2.50	cps
Rhodium	103-1	6283684	6175933	6088691	6182770	1.58	cps
Rhodium	103-2	1499487	1516878	1497907	1504757	0.70	cps
Scandium	45-1	3358024	3271163	3255292	3294826	1.68	cps
Scandium	45-2	21460	21376	21346	21394	0.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	2	2	114.63	cps
Selenium	82-1	14	48	10	24	85.22	cps
Silicon	28-1	41460329	40730098	40223694	40804707	1.52	cps
Silver	109-1	733	617	817	722	13.91	cps
Silver	107-1	717	842	725	761	9.18	cps
Sodium	23-2	7714495	7723529	7702376	7713467	0.14	cps
Strontium	86-1	1550	1542	1583	1558	1.41	cps
Strontium	88-1	9912	9637	10054	9868	2.15	cps
Sulfur	34-1	442278	439391	431886	437852	1.23	cps
Terbium	159-1	10398878	10249510	10225018	10291135	0.91	cps
Terbium	159-2	1809264	1804288	1819432	1810995	0.43	cps
Thallium	203-1	433	458	558	483	13.69	cps
Thallium	205-1	1208	1367	1125	1233	9.95	cps
Tin	118-1	2067	2234	2200	2167	4.07	cps
Titanium	47-1	567	433	542	514	13.79	cps
Uranium	238-1	4693	5035	4734	4821	3.87	cps
Vanadium	51-2	383	333	353	357	7.06	cps
Yttrium	89-1	6759717	6605205	6599970	6654964	1.36	cps
Yttrium	89-2	173331	172709	173115	173051	0.18	cps
Zinc	66-2	76274	73882	74124	74760	1.76	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5413-02	Instrumnet Name :	P8
Client Sample ID :	381003202.2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:45:56	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1242	1300	1400	1314	6.09	cps
Zirconium	91-1	325	325	300	317	4.56	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5415-01	Instrumnet Name :	P8
Client Sample ID :	381003128.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:49:18	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	88	65	75	15.27	cps
Antimony	121-1	5060	4993	5118	5057	1.24	cps
Arsenic	75-1	25608	27528	27495	26877	4.09	cps
Barium	135-1	496512	494224	489353	493363	0.74	cps
Barium	137-1	876087	875289	866372	872583	0.62	cps
Beryllium	9-1	172	111	183	156	25.00	cps
Bismuth	209-1	7369592	7340350	7338244	7349396	0.24	cps
Bismuth	209-2	1595635	1609248	1579376	1594753	0.94	cps
Boron	10-1	13941	14074	14616	14210	2.52	cps
Boron	11-1	70700	70925	71906	71177	0.90	cps
Cadmium	111-1	1061	1024	1012	1032	2.49	cps
Cadmium	106-1	1442	1442	1450	1445	0.33	cps
Cadmium	108-1	21	21	46	29	49.49	cps
Calcium	43-1	779807	773577	771274	774886	0.57	cps
Calcium	44-1	12846760	12710211	12637877	12731616	0.83	cps
Chromium	52-2	817	897	1003	906	10.34	cps
Cobalt	59-2	70	63	83	72	14.11	cps
Copper	63-2	9984	9827	9970	9927	0.88	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	0	13	13	9	86.60	cps
Gadolinium	160-1	75	42	33	50	44.10	cps
Gadolinium	160-2	3	17	0	7	132.33	cps
Holmium	165-1	10282546	10157522	10071416	10170494	1.04	cps
Holmium	165-2	1896525	1912867	1874900	1894764	1.01	cps
Indium	115-1	6941657	6878102	6883795	6901184	0.51	cps
Indium	115-2	246521	247587	244222	246110	0.70	cps
Iron	56-2	4890	4512	4662	4688	4.06	cps
Iron	57-2	122	172	117	137	22.33	cps
Krypton	83-1	287	280	287	284	1.35	cps
Lead	206-1	2367	2406	2106	2293	7.12	cps
Lead	207-1	1922	1917	2000	1947	2.39	cps
Lead	208-1	9068	9257	9102	9142	1.10	cps
Lithium	6-1	1214498	1213942	1214030	1214157	0.02	cps
Magnesium	24-2	461498	455685	458563	458582	0.63	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5415-01	Instrumnet Name :	P8
Client Sample ID :	381003128.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:49:18	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	130	83	109	21.71	cps
Molybdenum	94-1	3251	3159	3501	3303	5.36	cps
Molybdenum	95-1	4493	3826	4259	4193	8.07	cps
Molybdenum	96-1	4284	4701	4584	4523	4.75	cps
Molybdenum	97-1	2850	2617	2725	2731	4.28	cps
Molybdenum	98-1	6435	7152	6193	6594	7.56	cps
Neodymium	150-1	33	60	47	47	28.58	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	370	327	350	349	6.22	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	17520	16986	17687	17398	2.10	cps
Rhodium	103-1	6263768	6186292	6181839	6210633	0.74	cps
Rhodium	103-2	1505067	1509951	1480501	1498507	1.05	cps
Scandium	45-1	3301288	3247905	3237515	3262236	1.05	cps
Scandium	45-2	20692	21019	20685	20799	0.92	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	138	106	48	97	46.93	cps
Silicon	28-1	33741414	33409602	33182738	33444585	0.84	cps
Silver	109-1	783	642	725	717	9.94	cps
Silver	107-1	742	683	642	689	7.29	cps
Sodium	23-2	595967	588298	591233	591833	0.65	cps
Strontium	86-1	2739875	2691972	2689830	2707226	1.05	cps
Strontium	88-1	23454965	23161543	23197991	23271500	0.69	cps
Sulfur	34-1	395707	399906	396936	397516	0.54	cps
Terbium	159-1	10311015	10316968	10133812	10253932	1.01	cps
Terbium	159-2	1813639	1807910	1812735	1811428	0.17	cps
Thallium	203-1	683	575	658	639	8.88	cps
Thallium	205-1	1442	1392	1684	1506	10.36	cps
Tin	118-1	2817	2609	2442	2623	7.17	cps
Titanium	47-1	433	300	358	364	18.37	cps
Uranium	238-1	178659	176637	176653	177316	0.66	cps
Vanadium	51-2	3257	3224	3280	3254	0.88	cps
Yttrium	89-1	6792724	6702888	6677826	6724479	0.90	cps
Yttrium	89-2	169076	170614	167068	168919	1.05	cps
Zinc	66-2	1693	1697	1553	1648	4.96	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5415-01	Instrumnet Name :	P8
Client Sample ID :	381003128.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:49:18	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2550	2925	2484	2653	8.98	cps
Zirconium	91-1	600	683	558	614	10.37	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5415-02	Instrumnet Name :	P8
Client Sample ID :	381003129	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:52:40	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	75	78	81	9.94	cps
Antimony	121-1	5035	4801	4935	4923	2.38	cps
Arsenic	75-1	28480	28288	29817	28862	2.88	cps
Barium	135-1	1550	1709	1600	1620	5.00	cps
Barium	137-1	3134	2975	2867	2992	4.48	cps
Beryllium	9-1	106	211	178	165	32.74	cps
Bismuth	209-1	7366427	7350593	7221714	7312911	1.09	cps
Bismuth	209-2	1632708	1609146	1597564	1613139	1.11	cps
Boron	10-1	14249	14900	14967	14705	2.70	cps
Boron	11-1	71085	72945	75759	73263	3.21	cps
Cadmium	111-1	924	764	959	882	11.77	cps
Cadmium	106-1	1333	1058	1317	1236	12.47	cps
Cadmium	108-1	25	8	13	15	56.79	cps
Calcium	43-1	3601	3267	3217	3362	6.20	cps
Calcium	44-1	63612	62121	62465	62733	1.24	cps
Chromium	52-2	580	630	570	593	5.42	cps
Cobalt	59-2	50	37	33	40	22.05	cps
Copper	63-2	5054	5344	5278	5226	2.91	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	75	33	50	53	39.74	cps
Gadolinium	160-2	3	10	0	4	114.60	cps
Holmium	165-1	10228128	10000646	10085714	10104829	1.14	cps
Holmium	165-2	1946830	1931281	1887173	1921761	1.61	cps
Indium	115-1	7011464	6902364	6866523	6926784	1.09	cps
Indium	115-2	254362	252950	249614	252309	0.97	cps
Iron	56-2	2678	2284	2389	2450	8.34	cps
Iron	57-2	83	50	72	69	24.77	cps
Krypton	83-1	257	290	297	281	7.62	cps
Lead	206-1	2461	2534	2367	2454	3.41	cps
Lead	207-1	2189	1895	2222	2102	8.58	cps
Lead	208-1	9724	9218	9796	9579	3.29	cps
Lithium	6-1	1205490	1197388	1222911	1208596	1.08	cps
Magnesium	24-2	1475	1608	1475	1520	5.07	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5415-02	Instrumnet Name :	P8
Client Sample ID :	381003129	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:52:40	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	50	63	51	22.90	cps
Molybdenum	94-1	2959	2909	2817	2895	2.48	cps
Molybdenum	95-1	3826	3701	3942	3823	3.16	cps
Molybdenum	96-1	4659	4476	4768	4634	3.18	cps
Molybdenum	97-1	2767	2484	2450	2567	6.78	cps
Molybdenum	98-1	6277	6435	6677	6463	3.12	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	180	187	170	179	4.69	cps
Phosphorus	31-2	25	8	17	17	50.01	cps
Potassium	39-2	7060	7461	7102	7208	3.05	cps
Rhodium	103-1	6243280	6190287	6232123	6221897	0.45	cps
Rhodium	103-2	1597323	1548943	1535133	1560466	2.09	cps
Scandium	45-1	3313874	3249548	3262440	3275288	1.04	cps
Scandium	45-2	21490	21650	21260	21467	0.91	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	120	90	87	99	18.19	cps
Silicon	28-1	33047366	32717946	32409038	32724783	0.98	cps
Silver	109-1	650	517	533	567	12.82	cps
Silver	107-1	517	517	500	511	1.88	cps
Sodium	23-2	5346981	5279965	5198431	5275126	1.41	cps
Strontium	86-1	9479	8837	8912	9076	3.87	cps
Strontium	88-1	74210	73089	72593	73298	1.13	cps
Sulfur	34-1	401167	397533	396958	398552	0.57	cps
Terbium	159-1	10295258	10246824	10180822	10240968	0.56	cps
Terbium	159-2	1857029	1834108	1831922	1841020	0.76	cps
Thallium	203-1	500	425	400	442	11.78	cps
Thallium	205-1	1108	817	1092	1006	16.29	cps
Tin	118-1	6093	6077	6102	6091	0.21	cps
Titanium	47-1	533	408	283	408	30.61	cps
Uranium	238-1	168164	168603	170562	169110	0.75	cps
Vanadium	51-2	3414	3294	3264	3324	2.39	cps
Yttrium	89-1	6719664	6632625	6677738	6676676	0.65	cps
Yttrium	89-2	176690	171751	173234	173892	1.46	cps
Zinc	66-2	1944	1887	1930	1920	1.54	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5415-02	Instrumnet Name :	P8
Client Sample ID :	381003129	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:52:40	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1333	1400	1325	1353	3.04	cps
Zirconium	91-1	242	342	342	308	18.73	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5416-01	Instrumnet Name :	P8
Client Sample ID :	381003126.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:56:02	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53	78	58	63	21.17	cps
Antimony	121-1	4951	5026	4693	4890	3.58	cps
Arsenic	75-1	27345	28238	28856	28146	2.70	cps
Barium	135-1	981102	974822	961902	972609	1.01	cps
Barium	137-1	1779936	1798003	1758098	1778679	1.12	cps
Beryllium	9-1	122	94	83	100	20.03	cps
Bismuth	209-1	7420481	7339257	7288484	7349407	0.91	cps
Bismuth	209-2	1611973	1598531	1599984	1603496	0.46	cps
Boron	10-1	15292	15534	14867	15231	2.22	cps
Boron	11-1	77996	77970	78800	78255	0.60	cps
Cadmium	111-1	940	819	867	875	6.95	cps
Cadmium	106-1	1325	1167	1225	1239	6.46	cps
Cadmium	108-1	13	21	4	13	66.64	cps
Calcium	43-1	1126504	1110621	1104973	1114033	1.00	cps
Calcium	44-1	18480874	18257250	18118108	18285411	1.00	cps
Chromium	52-2	827	880	750	819	7.98	cps
Cobalt	59-2	90	70	53	71	25.82	cps
Copper	63-2	12596	12005	12649	12417	2.88	cps
Dysprosium	156-1	42	25	17	28	45.82	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	108	100	117	108	7.69	cps
Erbium	164-2	7	10	17	11	45.82	cps
Gadolinium	160-1	75	58	67	67	12.49	cps
Gadolinium	160-2	13	17	17	16	12.40	cps
Holmium	165-1	10264468	10155228	10038494	10152730	1.11	cps
Holmium	165-2	1900074	1894113	1896233	1896806	0.16	cps
Indium	115-1	6876469	6910369	6856875	6881237	0.39	cps
Indium	115-2	248082	246748	246970	247267	0.29	cps
Iron	56-2	14547	14408	14875	14610	1.64	cps
Iron	57-2	433	372	394	400	7.73	cps
Krypton	83-1	263	237	310	270	13.75	cps
Lead	206-1	2578	2478	2578	2545	2.27	cps
Lead	207-1	2250	2289	2228	2256	1.37	cps
Lead	208-1	10396	10585	10319	10434	1.32	cps
Lithium	6-1	1225322	1203840	1212377	1213846	0.89	cps
Magnesium	24-2	229948	229998	225602	228516	1.10	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5416-01	Instrumnet Name :	P8
Client Sample ID :	381003126.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:56:02	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	140	167	147	151	9.18	cps
Molybdenum	94-1	3634	3717	3792	3715	2.13	cps
Molybdenum	95-1	5551	5668	5576	5599	1.10	cps
Molybdenum	96-1	6502	6652	6302	6485	2.71	cps
Molybdenum	97-1	3517	3642	3792	3651	3.77	cps
Molybdenum	98-1	9362	9487	8862	9237	3.58	cps
Neodymium	150-1	87	47	87	73	31.49	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	270	283	297	283	4.71	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	15568	15267	15184	15340	1.32	cps
Rhodium	103-1	6251158	6182192	6132043	6188464	0.97	cps
Rhodium	103-2	1570792	1495912	1502410	1523038	2.72	cps
Scandium	45-1	3261291	3215695	3218665	3231884	0.79	cps
Scandium	45-2	21473	20589	20896	20986	2.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	0	2	173.21	cps
Selenium	82-1	79	121	55	85	39.28	cps
Silicon	28-1	41463242	40956242	40614583	41011355	1.04	cps
Silver	109-1	467	592	608	556	13.94	cps
Silver	107-1	575	633	642	617	5.89	cps
Sodium	23-2	967643	963806	963340	964930	0.24	cps
Strontium	86-1	700101	695363	690391	695285	0.70	cps
Strontium	88-1	6244820	6148242	6104932	6165998	1.16	cps
Sulfur	34-1	426844	426378	427715	426979	0.16	cps
Terbium	159-1	10320656	10198822	10133078	10217519	0.93	cps
Terbium	159-2	1808123	1820580	1808733	1812479	0.39	cps
Thallium	203-1	533	425	442	467	12.50	cps
Thallium	205-1	1175	1042	1108	1108	6.01	cps
Tin	118-1	2950	2784	2717	2817	4.27	cps
Titanium	47-1	392	367	542	433	21.84	cps
Uranium	238-1	124662	122155	121978	122932	1.22	cps
Vanadium	51-2	5244	5498	5198	5313	3.04	cps
Yttrium	89-1	6720824	6605409	6656098	6660777	0.87	cps
Yttrium	89-2	172109	169348	169497	170318	0.91	cps
Zinc	66-2	1743	1924	1974	1880	6.44	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5416-01	Instrumnet Name :	P8
Client Sample ID :	381003126.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:56:02	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1100	925	917	981	10.56	cps
Zirconium	91-1	300	217	183	233	25.76	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5417-01	Instrumnet Name :	P8
Client Sample ID :	381004101.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:59:24	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63	48	53	54	14.11	cps
Antimony	121-1	4793	5543	5451	5262	7.78	cps
Arsenic	75-1	22344	22920	24281	23182	4.29	cps
Barium	135-1	402592	398128	394738	398486	0.99	cps
Barium	137-1	711406	709425	705348	708726	0.44	cps
Beryllium	9-1	650	667	722	680	5.56	cps
Bismuth	209-1	7479171	7475730	6789866	7248256	5.48	cps
Bismuth	209-2	1634264	1629555	1634923	1632914	0.18	cps
Boron	10-1	2209	2100	1992	2100	5.16	cps
Boron	11-1	11597	10838	10746	11060	4.22	cps
Cadmium	111-1	1049	1149	1067	1088	4.92	cps
Cadmium	106-1	1267	1392	1267	1308	5.52	cps
Cadmium	108-1	54	42	17	38	50.91	cps
Calcium	43-1	1015750	1020084	1009358	1015064	0.53	cps
Calcium	44-1	16819920	16586920	16562281	16656374	0.85	cps
Chromium	52-2	503	453	467	474	5.46	cps
Cobalt	59-2	267	207	243	239	12.66	cps
Copper	63-2	386636	385182	382428	384749	0.56	cps
Dysprosium	156-1	100	150	158	136	23.18	cps
Dysprosium	156-2	33	30	40	34	14.78	cps
Erbium	164-1	283	192	292	256	21.71	cps
Erbium	164-2	60	53	33	49	28.39	cps
Gadolinium	160-1	200	183	208	197	6.45	cps
Gadolinium	160-2	40	33	33	36	10.83	cps
Holmium	165-1	10372310	10374877	9240059	9995749	6.55	cps
Holmium	165-2	1934375	1923280	1918275	1925310	0.43	cps
Indium	115-1	7041674	6970983	6281377	6764678	6.21	cps
Indium	115-2	251184	251356	247887	250142	0.78	cps
Iron	56-2	3412	3156	3206	3258	4.16	cps
Iron	57-2	83	117	122	107	19.58	cps
Krypton	83-1	317	270	350	312	12.87	cps
Lead	206-1	5296	5068	5135	5166	2.27	cps
Lead	207-1	4390	4512	4351	4418	1.90	cps
Lead	208-1	20502	20791	20641	20644	0.70	cps
Lithium	6-1	1241026	1234279	1115295	1196867	5.91	cps
Magnesium	24-2	276871	276888	274690	276149	0.46	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5417-01	Instrumnet Name :	P8
Client Sample ID :	381004101.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:59:24	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4247	4114	4324	4228	2.51	cps
Molybdenum	94-1	367	417	358	381	8.29	cps
Molybdenum	95-1	275	217	158	217	26.92	cps
Molybdenum	96-1	325	300	342	322	6.51	cps
Molybdenum	97-1	108	208	217	178	33.91	cps
Molybdenum	98-1	317	283	458	353	26.34	cps
Neodymium	150-1	100	147	73	107	34.80	cps
Neodymium	150-2	10	17	17	14	26.66	cps
Nickel	60-2	970	1070	1033	1025	4.94	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	32756	32631	32296	32561	0.73	cps
Rhodium	103-1	6254282	6282387	5657865	6064844	5.82	cps
Rhodium	103-2	1546189	1557207	1550680	1551359	0.36	cps
Scandium	45-1	3266797	3283085	2961180	3170354	5.72	cps
Scandium	45-2	21417	21193	20709	21106	1.71	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	11	2	5	108.30	cps
Selenium	82-1	104	145	88	112	25.91	cps
Silicon	28-1	39796940	39252268	39061268	39370159	0.97	cps
Silver	109-1	1067	1083	983	1045	5.13	cps
Silver	107-1	1108	983	1225	1106	10.93	cps
Sodium	23-2	1221192	1229203	1214883	1221760	0.59	cps
Strontium	86-1	667228	673385	667331	669315	0.53	cps
Strontium	88-1	5983858	5915923	5894693	5931491	0.79	cps
Sulfur	34-1	298927	294586	292556	295356	1.10	cps
Terbium	159-1	10579586	10458010	9357929	10131842	6.64	cps
Terbium	159-2	1850879	1856747	1845872	1851166	0.29	cps
Thallium	203-1	358	467	525	450	18.79	cps
Thallium	205-1	1083	1050	1283	1139	11.08	cps
Tin	118-1	2209	2017	1884	2036	8.02	cps
Titanium	47-1	558	558	408	508	17.04	cps
Uranium	238-1	1183	1200	1108	1164	4.20	cps
Vanadium	51-2	53	77	83	71	22.15	cps
Yttrium	89-1	6766346	6763363	6058732	6529480	6.24	cps
Yttrium	89-2	174215	173092	171428	172912	0.81	cps
Zinc	66-2	22892	23093	22492	22826	1.34	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5417-01	Instrumnet Name :	P8
Client Sample ID :	381004101.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 16:59:24	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	658	650	692	667	3.31	cps
Zirconium	91-1	150	142	117	136	12.75	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5418-01	Instrumnet Name :	P8
Client Sample ID :	381003106.4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:02:45	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	68	58	61	9.49	cps
Antimony	121-1	4984	4943	5151	5026	2.19	cps
Arsenic	75-1	25174	24356	26050	25193	3.36	cps
Barium	135-1	437367	435147	433876	435463	0.41	cps
Barium	137-1	772942	767690	770557	770396	0.34	cps
Beryllium	9-1	61	144	139	115	40.58	cps
Bismuth	209-1	7429595	7352330	7321512	7367812	0.76	cps
Bismuth	209-2	1603492	1476920	1610099	1563504	4.80	cps
Boron	10-1	10129	9929	10246	10101	1.59	cps
Boron	11-1	47263	49854	48709	48608	2.67	cps
Cadmium	111-1	946	882	997	942	6.10	cps
Cadmium	106-1	1317	1233	1375	1308	5.44	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	1594189	1585606	1603220	1594338	0.55	cps
Calcium	44-1	25982180	25900607	25643292	25842026	0.68	cps
Chromium	52-2	1027	960	917	968	5.73	cps
Cobalt	59-2	257	280	170	236	24.61	cps
Copper	63-2	42943	42749	41907	42533	1.30	cps
Dysprosium	156-1	92	92	58	81	23.89	cps
Dysprosium	156-2	20	17	17	18	10.81	cps
Erbium	164-1	225	167	200	197	14.84	cps
Erbium	164-2	37	30	27	31	16.37	cps
Gadolinium	160-1	150	108	108	122	19.68	cps
Gadolinium	160-2	3	20	17	13	66.16	cps
Holmium	165-1	10330224	10269995	10162819	10254346	0.83	cps
Holmium	165-2	1936537	1736183	1940517	1871079	6.24	cps
Indium	115-1	6958600	6922916	6903572	6928363	0.40	cps
Indium	115-2	246936	225012	245524	239157	5.13	cps
Iron	56-2	4479	4556	4017	4351	6.70	cps
Iron	57-2	128	122	67	106	32.01	cps
Krypton	83-1	317	317	283	306	6.30	cps
Lead	206-1	5785	6313	6135	6078	4.42	cps
Lead	207-1	5051	5051	5201	5101	1.70	cps
Lead	208-1	24099	24332	24416	24282	0.68	cps
Lithium	6-1	1224747	1192155	1224192	1213698	1.54	cps
Magnesium	24-2	488495	489708	487140	488448	0.26	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5418-01	Instrumnet Name :	P8
Client Sample ID :	381003106.4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:02:45	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	63	97	91	27.95	cps
Molybdenum	94-1	492	400	508	467	12.50	cps
Molybdenum	95-1	208	192	317	239	28.41	cps
Molybdenum	96-1	342	292	417	350	17.98	cps
Molybdenum	97-1	150	183	142	158	13.92	cps
Molybdenum	98-1	458	433	350	414	13.71	cps
Neodymium	150-1	47	53	80	60	29.39	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	450	427	510	462	9.30	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	16619	16060	16268	16316	1.73	cps
Rhodium	103-1	6236451	6115167	6126303	6159307	1.09	cps
Rhodium	103-2	1541157	1374501	1489929	1468529	5.81	cps
Scandium	45-1	3269904	3255215	3185561	3236893	1.39	cps
Scandium	45-2	21210	19430	20943	20528	4.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	-11	-24	71	12	423.66	cps
Silicon	28-1	43778363	43499159	43164899	43480807	0.71	cps
Silver	109-1	667	592	583	614	7.48	cps
Silver	107-1	550	633	700	628	11.97	cps
Sodium	23-2	2173872	2194756	2160034	2176220	0.80	cps
Strontium	86-1	383265	375156	376947	378456	1.13	cps
Strontium	88-1	3429207	3387921	3421032	3412720	0.64	cps
Sulfur	34-1	461694	451480	453560	455578	1.18	cps
Terbium	159-1	10378322	10357001	10306992	10347438	0.35	cps
Terbium	159-2	1869851	1682950	1808092	1786964	5.33	cps
Thallium	203-1	508	350	417	425	18.70	cps
Thallium	205-1	892	925	950	922	3.17	cps
Tin	118-1	3401	3242	3634	3426	5.75	cps
Titanium	47-1	442	500	450	464	6.80	cps
Uranium	238-1	36438	37466	36513	36806	1.56	cps
Vanadium	51-2	387	327	320	344	10.66	cps
Yttrium	89-1	6795200	6636232	6648904	6693445	1.32	cps
Yttrium	89-2	170469	155138	171305	165637	5.50	cps
Zinc	66-2	2920	3034	2990	2981	1.92	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5418-01	Instrumnet Name :	P8
Client Sample ID :	381003106.4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:02:45	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	817	908	958	895	8.03	cps
Zirconium	91-1	242	225	158	208	21.17	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:06:06	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	302264	297592	301414	300423	0.83	cps
Antimony	121-1	5313588	5412287	5396214	5374030	0.99	cps
Arsenic	75-1	1155015	1155582	1162519	1157705	0.36	cps
Barium	135-1	5961365	5943949	5936297	5947204	0.22	cps
Barium	137-1	10357448	10444504	10351032	10384328	0.50	cps
Beryllium	9-1	600191	602122	604858	602390	0.39	cps
Bismuth	209-1	6360778	6361089	6362459	6361442	0.01	cps
Bismuth	209-2	1462327	1450632	1436379	1449779	0.90	cps
Boron	10-1	70080	72509	72953	71847	2.15	cps
Boron	11-1	343454	355015	362956	353808	2.77	cps
Cadmium	111-1	1151173	1152323	1155123	1152873	0.18	cps
Cadmium	106-1	121907	124084	122746	122912	0.89	cps
Cadmium	108-1	81637	83498	83129	82755	1.19	cps
Calcium	43-1	4765276	4751696	4799362	4772111	0.51	cps
Calcium	44-1	78410402	78054779	78513671	78326284	0.31	cps
Chromium	52-2	396490	390971	394497	393986	0.71	cps
Cobalt	59-2	842572	833685	843738	839998	0.65	cps
Copper	63-2	1436030	1431313	1436235	1434526	0.19	cps
Dysprosium	156-1	150	183	125	153	19.15	cps
Dysprosium	156-2	23	0	10	11	105.35	cps
Erbium	164-1	33	67	92	64	45.81	cps
Erbium	164-2	13	0	7	7	99.98	cps
Gadolinium	160-1	92	133	117	114	18.41	cps
Gadolinium	160-2	17	0	20	12	87.67	cps
Holmium	165-1	9299272	9359359	9384230	9347620	0.47	cps
Holmium	165-2	1860669	1845230	1813327	1839742	1.31	cps
Indium	115-1	6184464	6148262	6210001	6180909	0.50	cps
Indium	115-2	236762	234509	236274	235848	0.50	cps
Iron	56-2	64983295	64504872	65079454	64855874	0.47	cps
Iron	57-2	1653641	1651804	1666739	1657395	0.49	cps
Krypton	83-1	303	327	330	320	4.54	cps
Lead	206-1	4315583	4324450	4313640	4317891	0.13	cps
Lead	207-1	3979573	3990870	4002480	3990974	0.29	cps
Lead	208-1	17743207	17790424	17776926	17770186	0.14	cps
Lithium	6-1	1063412	1080710	1084062	1076061	1.03	cps
Magnesium	24-2	6589295	6506037	6568603	6554645	0.66	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:06:06	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	219956	217098	218632	218562	0.65	cps
Molybdenum	94-1	8849205	8919337	8884183	8884242	0.39	cps
Molybdenum	95-1	10840105	10911742	10970022	10907290	0.60	cps
Molybdenum	96-1	12063671	12114990	12257917	12145526	0.83	cps
Molybdenum	97-1	6860136	6836571	6869856	6855521	0.25	cps
Molybdenum	98-1	17679138	17552943	17755554	17662545	0.58	cps
Neodymium	150-1	373	340	280	331	14.28	cps
Neodymium	150-2	17	13	13	14	13.35	cps
Nickel	60-2	254314	252104	253391	253269	0.44	cps
Phosphorus	31-2	3276	3542	3542	3453	4.46	cps
Potassium	39-2	1628251	1642476	1640348	1637025	0.47	cps
Rhodium	103-1	5490551	5488787	5521698	5500345	0.34	cps
Rhodium	103-2	1409051	1408438	1392719	1403402	0.66	cps
Scandium	45-1	3093654	3111082	3154968	3119902	1.01	cps
Scandium	45-2	22358	22051	21864	22091	1.13	cps
Selenium	77-2	297	343	287	309	9.79	cps
Selenium	78-2	1120	994	1043	1053	6.04	cps
Selenium	82-1	65171	65836	65622	65543	0.52	cps
Silicon	28-1	2078858	2139401	2126178	2114813	1.51	cps
Silver	109-1	5358295	5332957	5327751	5339668	0.31	cps
Silver	107-1	5534605	5537092	5540394	5537364	0.05	cps
Sodium	23-2	14598657	14343736	14532522	14491638	0.91	cps
Strontium	86-1	1320806	1309525	1320947	1317092	0.50	cps
Strontium	88-1	11606369	11562207	11557989	11575522	0.23	cps
Sulfur	34-1	548152	550642	551413	550069	0.31	cps
Terbium	159-1	9455196	9432451	9472419	9453355	0.21	cps
Terbium	159-2	1760537	1745881	1731985	1746134	0.82	cps
Thallium	203-1	5331424	5383874	5351552	5355617	0.49	cps
Thallium	205-1	12781328	12648639	12818127	12749365	0.70	cps
Tin	118-1	3766509	3788581	3801470	3785520	0.47	cps
Titanium	47-1	2431022	2415650	2444054	2430242	0.59	cps
Uranium	238-1	19044232	19010527	18921109	18991956	0.34	cps
Vanadium	51-2	278985	277330	278933	278416	0.34	cps
Yttrium	89-1	6233871	6171768	6228636	6211425	0.55	cps
Yttrium	89-2	172639	172530	169027	171399	1.20	cps
Zinc	66-2	135952	134929	135413	135431	0.38	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:06:06	DataFile Name :	079CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7290007	7328325	7361044	7326459	0.49	cps
Zirconium	91-1	1643323	1668579	1653928	1655277	0.77	cps

LB Number : LB98597 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-12 17:09:18 DataFile Name : 080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	8	20	17	48.23	cps
Antimony	121-1	13808	12498	11447	12584	9.40	cps
Arsenic	75-1	992	967	933	964	3.04	cps
Barium	135-1	275	258	142	225	32.29	cps
Barium	137-1	383	300	192	292	32.95	cps
Beryllium	9-1	383	339	356	359	6.25	cps
Bismuth	209-1	6814216	6835967	6786747	6812310	0.36	cps
Bismuth	209-2	1551465	1545229	1547940	1548211	0.20	cps
Boron	10-1	2884	2792	2892	2856	1.94	cps
Boron	11-1	15400	14516	13749	14555	5.68	cps
Cadmium	111-1	1189	952	940	1027	13.67	cps
Cadmium	106-1	1433	1208	1250	1297	9.23	cps
Cadmium	108-1	21	33	8	21	60.01	cps
Calcium	43-1	350	308	433	364	17.49	cps
Calcium	44-1	11263	10554	10029	10616	5.84	cps
Chromium	52-2	333	320	363	339	6.55	cps
Cobalt	59-2	57	30	37	41	33.76	cps
Copper	63-2	437	397	403	412	5.20	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	75	50	8	44	75.78	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	100	25	50	58	65.47	cps
Gadolinium	160-2	0	7	7	4	86.60	cps
Holmium	165-1	9438955	9392871	9366284	9399370	0.39	cps
Holmium	165-2	1872617	1836124	1812095	1840279	1.66	cps
Indium	115-1	6625931	6575067	6509588	6570195	0.89	cps
Indium	115-2	249440	244887	246430	246919	0.94	cps
Iron	56-2	2545	2395	2222	2387	6.76	cps
Iron	57-2	56	44	89	63	36.73	cps
Krypton	83-1	307	263	293	288	7.71	cps
Lead	206-1	506	478	439	474	7.06	cps
Lead	207-1	450	467	411	443	6.44	cps
Lead	208-1	2067	2000	1995	2021	1.99	cps
Lithium	6-1	1138252	1142092	1144316	1141553	0.27	cps
Magnesium	24-2	308	258	292	286	8.90	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:09:18	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	30	23	22	37.76	cps
Molybdenum	94-1	3317	3142	2909	3123	6.56	cps
Molybdenum	95-1	4551	3967	3492	4004	13.24	cps
Molybdenum	96-1	4809	4609	3926	4448	10.42	cps
Molybdenum	97-1	2784	2442	2100	2442	14.00	cps
Molybdenum	98-1	7144	6343	5235	6241	15.36	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	143	90	116	23.14	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	1842	1734	1525	1700	9.47	cps
Rhodium	103-1	6037587	5972336	5979944	5996622	0.59	cps
Rhodium	103-2	1510749	1502372	1513120	1508747	0.37	cps
Scandium	45-1	3148816	3163793	3141097	3151235	0.37	cps
Scandium	45-2	21580	20746	21290	21205	2.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	75	68	38	60	32.96	cps
Silicon	28-1	141577	137922	138242	139247	1.45	cps
Silver	109-1	517	683	575	592	14.30	cps
Silver	107-1	508	625	575	569	10.28	cps
Sodium	23-2	5493	5485	5026	5335	5.01	cps
Strontium	86-1	658	550	542	583	11.16	cps
Strontium	88-1	650	625	608	628	3.34	cps
Sulfur	34-1	278990	275828	278808	277875	0.64	cps
Terbium	159-1	9649223	9573137	9482837	9568399	0.87	cps
Terbium	159-2	1767832	1777476	1766648	1770652	0.34	cps
Thallium	203-1	1725	1317	1125	1389	22.07	cps
Thallium	205-1	3926	3526	3342	3598	8.29	cps
Tin	118-1	3234	3092	2900	3075	5.44	cps
Titanium	47-1	142	158	200	167	18.03	cps
Uranium	238-1	875	675	558	703	22.79	cps
Vanadium	51-2	10	0	13	8	89.21	cps
Yttrium	89-1	6426186	6361285	6299074	6362182	1.00	cps
Yttrium	89-2	172203	170682	170242	171042	0.60	cps
Zinc	66-2	120	70	103	98	26.04	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:09:18	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2859	2567	2517	2648	6.97	cps
Zirconium	91-1	633	567	508	569	10.98	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5419-01	Instrumnet Name :	P8
Client Sample ID :	381003104.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:12:41	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85	73	60	73	17.24	cps
Antimony	121-1	6652	7486	6452	6863	7.99	cps
Arsenic	75-1	9737	10763	11647	10716	8.92	cps
Barium	135-1	503857	494351	487361	495190	1.67	cps
Barium	137-1	889327	878890	863620	877279	1.47	cps
Beryllium	9-1	267	211	172	217	21.91	cps
Bismuth	209-1	7622377	7577898	7454303	7551526	1.15	cps
Bismuth	209-2	1597941	1533097	1551313	1560784	2.14	cps
Boron	10-1	6093	5951	5952	5999	1.36	cps
Boron	11-1	29824	30208	28963	29665	2.15	cps
Cadmium	111-1	1185	1021	1079	1095	7.58	cps
Cadmium	106-1	1533	1250	1292	1358	11.26	cps
Cadmium	108-1	25	29	0	18	87.37	cps
Calcium	43-1	1460352	1444140	1408472	1437655	1.85	cps
Calcium	44-1	23483470	23248117	22724138	23151908	1.68	cps
Chromium	52-2	1053	997	973	1008	4.08	cps
Cobalt	59-2	77	87	90	84	8.22	cps
Copper	63-2	23971	24121	23817	23970	0.63	cps
Dysprosium	156-1	92	50	25	56	60.62	cps
Dysprosium	156-2	3	17	23	14	70.51	cps
Erbium	164-1	175	158	100	144	27.27	cps
Erbium	164-2	20	30	20	23	24.74	cps
Gadolinium	160-1	100	92	133	108	20.35	cps
Gadolinium	160-2	33	30	13	26	41.94	cps
Holmium	165-1	10394921	10433752	10209635	10346103	1.16	cps
Holmium	165-2	1913583	1793605	1858489	1855225	3.24	cps
Indium	115-1	7201646	7049167	7020582	7090465	1.37	cps
Indium	115-2	243724	232088	241396	239069	2.58	cps
Iron	56-2	5940	6002	5624	5855	3.47	cps
Iron	57-2	167	133	161	154	11.62	cps
Krypton	83-1	303	273	313	297	7.02	cps
Lead	206-1	13485	12857	13079	13141	2.42	cps
Lead	207-1	10499	10271	10671	10481	1.92	cps
Lead	208-1	51114	49244	50045	50134	1.87	cps
Lithium	6-1	1248339	1234382	1208778	1230499	1.63	cps
Magnesium	24-2	378440	373396	372417	374751	0.86	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5419-01	Instrumnet Name :	P8
Client Sample ID :	381003104.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:12:41	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	420	493	530	481	11.64	cps
Molybdenum	94-1	1475	1342	1584	1467	8.25	cps
Molybdenum	95-1	1250	1067	1108	1142	8.42	cps
Molybdenum	96-1	1809	1408	1483	1567	13.57	cps
Molybdenum	97-1	775	783	817	792	2.79	cps
Molybdenum	98-1	2350	2259	2200	2270	3.33	cps
Neodymium	150-1	107	80	67	84	24.12	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	347	393	330	357	9.21	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	9270	9128	9045	9148	1.24	cps
Rhodium	103-1	6445518	6372463	6273451	6363811	1.36	cps
Rhodium	103-2	1509026	1429294	1458742	1465687	2.75	cps
Scandium	45-1	3417262	3350535	3293297	3353698	1.85	cps
Scandium	45-2	20605	20031	19944	20194	1.78	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	39	35	32	35	8.88	cps
Silicon	28-1	46471490	45700196	44827048	45666244	1.80	cps
Silver	109-1	992	1192	983	1056	11.17	cps
Silver	107-1	1075	1125	1233	1145	7.07	cps
Sodium	23-2	761992	751292	743113	752132	1.26	cps
Strontium	86-1	256471	251544	246985	251667	1.89	cps
Strontium	88-1	2343611	2266639	2215805	2275352	2.83	cps
Sulfur	34-1	427820	424424	417758	423334	1.21	cps
Terbium	159-1	10616977	10547620	10326146	10496914	1.45	cps
Terbium	159-2	1810859	1720473	1764595	1765309	2.56	cps
Thallium	203-1	1850	1667	1467	1661	11.54	cps
Thallium	205-1	4518	4118	3701	4112	9.93	cps
Tin	118-1	2450	2517	2492	2486	1.36	cps
Titanium	47-1	558	500	583	547	7.81	cps
Uranium	238-1	48237	48077	47559	47957	0.74	cps
Vanadium	51-2	1120	1117	1020	1086	5.23	cps
Yttrium	89-1	6970612	6884704	6794449	6883255	1.28	cps
Yttrium	89-2	167436	161568	165321	164775	1.80	cps
Zinc	66-2	3177	2987	3100	3088	3.10	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5419-01	Instrumnet Name :	P8
Client Sample ID :	381003104.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:12:41	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1859	1550	1684	1697	9.11	cps
Zirconium	91-1	408	350	333	364	10.82	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5420-01	Instrumnet Name :	P8
Client Sample ID :	381004102.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:16:03	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	38	65	53	26.51	cps
Antimony	121-1	4968	5276	5401	5215	4.28	cps
Arsenic	75-1	19289	19022	19765	19359	1.94	cps
Barium	135-1	55208	56530	55274	55671	1.34	cps
Barium	137-1	101739	100674	99212	100541	1.26	cps
Beryllium	9-1	200	111	167	159	28.20	cps
Bismuth	209-1	7641860	7475040	6850685	7322528	5.70	cps
Bismuth	209-2	1703828	1681997	1668176	1684667	1.07	cps
Boron	10-1	28421	29690	29414	29175	2.29	cps
Boron	11-1	138715	143452	145236	142468	2.37	cps
Cadmium	111-1	1015	928	761	901	14.34	cps
Cadmium	106-1	1383	1242	975	1200	17.28	cps
Cadmium	108-1	17	17	25	19	24.73	cps
Calcium	43-1	1579566	1559934	1563735	1567745	0.66	cps
Calcium	44-1	25696120	25365403	25237023	25432849	0.93	cps
Chromium	52-2	510	537	417	488	12.92	cps
Cobalt	59-2	7	43	50	33	69.99	cps
Copper	63-2	6312	6222	6712	6415	4.07	cps
Dysprosium	156-1	17	0	33	17	99.99	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	75	100	33	69	48.50	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	83	17	92	64	64.34	cps
Gadolinium	160-2	10	7	33	17	87.16	cps
Holmium	165-1	10571294	10441966	9695644	10236301	4.62	cps
Holmium	165-2	1988507	1989332	2002340	1993393	0.39	cps
Indium	115-1	7052243	7011650	6544158	6869350	4.11	cps
Indium	115-2	256287	253128	255124	254846	0.63	cps
Iron	56-2	3406	3228	3445	3360	3.44	cps
Iron	57-2	117	89	100	102	13.73	cps
Krypton	83-1	270	297	300	289	5.69	cps
Lead	206-1	1150	1133	1172	1152	1.69	cps
Lead	207-1	878	1056	922	952	9.72	cps
Lead	208-1	4339	4712	4517	4523	4.12	cps
Lithium	6-1	1220578	1222504	1145938	1196340	3.65	cps
Magnesium	24-2	625956	618847	621329	622044	0.58	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5420-01	Instrumnet Name :	P8
Client Sample ID :	381004102.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:16:03	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	37	47	54	41.67	cps
Molybdenum	94-1	8887	9062	9145	9031	1.46	cps
Molybdenum	95-1	14517	14842	14792	14717	1.19	cps
Molybdenum	96-1	15051	15234	14900	15062	1.11	cps
Molybdenum	97-1	8962	9437	9454	9284	3.01	cps
Molybdenum	98-1	22954	22795	23204	22984	0.90	cps
Neodymium	150-1	27	27	13	22	34.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	173	190	130	164	18.84	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	14875	14550	14600	14675	1.19	cps
Rhodium	103-1	6302438	6285407	5807410	6131752	4.58	cps
Rhodium	103-2	1600682	1575544	1584822	1587016	0.80	cps
Scandium	45-1	3282192	3264806	3030919	3192639	4.40	cps
Scandium	45-2	21116	21397	21453	21322	0.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	178	163	144	162	10.43	cps
Silicon	28-1	40453744	39888524	39783253	40041840	0.90	cps
Silver	109-1	667	817	883	789	14.07	cps
Silver	107-1	800	875	783	820	5.96	cps
Sodium	23-2	965850	962693	960183	962909	0.29	cps
Strontium	86-1	2809716	2775500	2773109	2786108	0.74	cps
Strontium	88-1	24192178	23965138	23996024	24051113	0.51	cps
Sulfur	34-1	1697037	1661474	1684113	1680874	1.07	cps
Terbium	159-1	10644596	10555029	9747483	10315703	4.79	cps
Terbium	159-2	1915208	1896509	1897165	1902961	0.56	cps
Thallium	203-1	550	675	583	603	10.74	cps
Thallium	205-1	1467	1550	1500	1506	2.79	cps
Tin	118-1	1725	1567	1784	1692	6.63	cps
Titanium	47-1	650	433	483	522	21.73	cps
Uranium	238-1	118534	118207	116448	117730	0.95	cps
Vanadium	51-2	4101	4024	4047	4057	0.97	cps
Yttrium	89-1	6745885	6735182	6210116	6563728	4.67	cps
Yttrium	89-2	176288	173756	177614	175886	1.11	cps
Zinc	66-2	883	883	827	864	3.78	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5420-01	Instrumnet Name :	P8
Client Sample ID :	381004102.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:16:03	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1950	1850	1559	1786	11.39	cps
Zirconium	91-1	450	392	392	411	8.19	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5426-01	Instrumnet Name :	P8
Client Sample ID :	381004056.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:19:23	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	48	73	70	30.51	cps
Antimony	121-1	5143	5168	5368	5226	2.36	cps
Arsenic	75-1	19331	20174	20508	20004	3.03	cps
Barium	135-1	2142318	2130776	2131216	2134770	0.31	cps
Barium	137-1	3772236	3712185	3693863	3726094	1.10	cps
Beryllium	9-1	172	117	194	161	24.87	cps
Bismuth	209-1	7377464	7348418	7368004	7364628	0.20	cps
Bismuth	209-2	1608320	1599615	1604767	1604234	0.27	cps
Boron	10-1	10204	10604	10596	10468	2.19	cps
Boron	11-1	50323	51602	52756	51560	2.36	cps
Cadmium	111-1	1044	844	810	899	14.07	cps
Cadmium	106-1	1425	1167	1108	1233	13.67	cps
Cadmium	108-1	29	21	29	26	18.25	cps
Calcium	43-1	1294458	1267306	1248736	1270167	1.81	cps
Calcium	44-1	20545143	20385076	20111165	20347128	1.08	cps
Chromium	52-2	590	643	743	659	11.81	cps
Cobalt	59-2	93	127	80	100	24.04	cps
Copper	63-2	11895	11788	11789	11824	0.52	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	58	33	58	50	28.88	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	75	67	67	69	6.93	cps
Gadolinium	160-2	13	10	7	10	33.30	cps
Holmium	165-1	10471163	10408029	10369088	10416093	0.49	cps
Holmium	165-2	1940616	1942888	1914865	1932790	0.81	cps
Indium	115-1	6979765	6973824	6909640	6954410	0.56	cps
Indium	115-2	248910	246599	247892	247800	0.47	cps
Iron	56-2	4501	4295	4129	4308	4.33	cps
Iron	57-2	83	156	94	111	35.00	cps
Krypton	83-1	267	263	287	272	4.64	cps
Lead	206-1	4823	4434	4373	4544	5.37	cps
Lead	207-1	3773	4040	3851	3888	3.53	cps
Lead	208-1	18612	18272	17989	18291	1.70	cps
Lithium	6-1	1222156	1211197	1193975	1209109	1.17	cps
Magnesium	24-2	1017942	1016668	1016578	1017063	0.08	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5426-01	Instrumnet Name :	P8
Client Sample ID :	381004056.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:19:23	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	97	103	90	97	6.90	cps
Molybdenum	94-1	792	825	925	847	8.19	cps
Molybdenum	95-1	600	542	592	578	5.46	cps
Molybdenum	96-1	742	717	633	697	8.14	cps
Molybdenum	97-1	325	325	383	344	9.78	cps
Molybdenum	98-1	1042	1008	808	953	13.25	cps
Neodymium	150-1	113	93	100	102	9.96	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	280	207	243	243	15.07	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	18112	17870	17812	17932	0.89	cps
Rhodium	103-1	6281194	6258080	6175498	6238257	0.89	cps
Rhodium	103-2	1509283	1521884	1540165	1523777	1.02	cps
Scandium	45-1	3296191	3304556	3266448	3289065	0.61	cps
Scandium	45-2	20919	20455	21360	20911	2.16	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	99	69	94	87	18.43	cps
Silicon	28-1	43993937	43692353	43267183	43651158	0.84	cps
Silver	109-1	792	883	675	783	13.33	cps
Silver	107-1	750	1050	825	875	17.84	cps
Sodium	23-2	1074410	1034199	1028211	1045607	2.40	cps
Strontium	86-1	2689711	2679347	2674457	2681172	0.29	cps
Strontium	88-1	23145753	23006947	22856409	23003036	0.63	cps
Sulfur	34-1	381155	378158	379480	379598	0.40	cps
Terbium	159-1	10538216	10598082	10380932	10505743	1.07	cps
Terbium	159-2	1860746	1840211	1837792	1846250	0.68	cps
Thallium	203-1	492	550	517	519	5.63	cps
Thallium	205-1	1358	1108	1200	1222	10.35	cps
Tin	118-1	1617	1458	1650	1575	6.50	cps
Titanium	47-1	458	458	467	461	1.04	cps
Uranium	238-1	99722	101504	100790	100672	0.89	cps
Vanadium	51-2	1517	1550	1510	1526	1.40	cps
Yttrium	89-1	6834074	6824004	6750730	6802936	0.67	cps
Yttrium	89-2	172413	171910	170604	171642	0.54	cps
Zinc	66-2	1697	1590	1507	1598	5.96	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5426-01	Instrumnet Name :	P8
Client Sample ID :	381004056.9	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:19:23	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1392	1283	1475	1383	6.95	cps
Zirconium	91-1	208	333	292	278	22.91	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5427-01	Instrumnet Name :	P8
Client Sample ID :	391005109.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:22:44	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	43	60	53	17.75	cps
Antimony	121-1	5401	4984	5060	5148	4.32	cps
Arsenic	75-1	21743	22352	23095	22397	3.02	cps
Barium	135-1	2075	2159	1909	2047	6.22	cps
Barium	137-1	3984	3592	3692	3756	5.42	cps
Beryllium	9-1	189	183	189	187	1.72	cps
Bismuth	209-1	7574665	7504236	7373148	7484016	1.37	cps
Bismuth	209-2	1625214	1605762	1607468	1612815	0.67	cps
Boron	10-1	41887	41661	40441	41330	1.88	cps
Boron	11-1	203345	206594	207030	205656	0.98	cps
Cadmium	111-1	913	912	978	934	4.02	cps
Cadmium	106-1	1317	1292	1383	1331	3.56	cps
Cadmium	108-1	42	25	17	28	45.82	cps
Calcium	43-1	6093	6243	5835	6057	3.41	cps
Calcium	44-1	113867	111776	111263	112302	1.23	cps
Chromium	52-2	560	447	447	484	13.51	cps
Cobalt	59-2	27	23	50	33	43.59	cps
Copper	63-2	7629	7652	7582	7621	0.47	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	67	67	53	45.58	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	58	58	42	53	18.23	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	10634320	10454462	10335653	10474811	1.44	cps
Holmium	165-2	1962699	1927792	1940884	1943791	0.91	cps
Indium	115-1	7217355	7073018	6879722	7056698	2.40	cps
Indium	115-2	251680	248420	248584	249561	0.74	cps
Iron	56-2	1561	1511	1556	1543	1.78	cps
Iron	57-2	22	44	39	35	32.88	cps
Krypton	83-1	330	257	343	310	15.06	cps
Lead	206-1	1206	1100	1095	1133	5.52	cps
Lead	207-1	1022	878	911	937	8.07	cps
Lead	208-1	4628	4423	4734	4595	3.44	cps
Lithium	6-1	1255831	1242857	1223970	1240886	1.29	cps
Magnesium	24-2	2784	2559	2359	2567	8.29	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5427-01	Instrumnet Name :	P8
Client Sample ID :	391005109.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:22:44	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	83	73	74	11.27	cps
Molybdenum	94-1	4943	5143	5068	5051	2.00	cps
Molybdenum	95-1	6994	7569	7711	7425	5.11	cps
Molybdenum	96-1	8520	7978	8495	8331	3.67	cps
Molybdenum	97-1	4951	4968	4784	4901	2.07	cps
Molybdenum	98-1	12715	12556	11981	12417	3.11	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	240	250	223	238	5.67	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	4076	3934	3742	3917	4.27	cps
Rhodium	103-1	6481573	6341286	6177262	6333374	2.40	cps
Rhodium	103-2	1573647	1534280	1556174	1554700	1.27	cps
Scandium	45-1	3417585	3380780	3284966	3361110	2.04	cps
Scandium	45-2	22218	21310	21427	21651	2.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	6	105	21	44	121.84	cps
Silicon	28-1	40367297	39742260	38885921	39665159	1.87	cps
Silver	109-1	517	667	525	569	14.81	cps
Silver	107-1	642	608	708	653	7.80	cps
Sodium	23-2	9453881	9325147	9251967	9343665	1.09	cps
Strontium	86-1	19339	19389	18697	19142	2.02	cps
Strontium	88-1	164117	161275	159337	161576	1.49	cps
Sulfur	34-1	1340772	1349241	1297472	1329162	2.09	cps
Terbium	159-1	10683723	10518038	10400992	10534251	1.35	cps
Terbium	159-2	1864601	1850706	1859235	1858181	0.38	cps
Thallium	203-1	342	383	317	347	9.70	cps
Thallium	205-1	867	1042	975	961	9.19	cps
Tin	118-1	2134	1875	2017	2009	6.44	cps
Titanium	47-1	508	608	483	533	12.40	cps
Uranium	238-1	10046	9871	9429	9782	3.25	cps
Vanadium	51-2	30	23	77	43	67.07	cps
Yttrium	89-1	6925128	6846590	6756939	6842886	1.23	cps
Yttrium	89-2	176386	170921	173233	173513	1.58	cps
Zinc	66-2	1167	1097	1190	1151	4.22	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	J5427-01	Instrumnet Name :	P8
Client Sample ID :	391005109.0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:22:44	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1825	1684	1842	1784	4.88	cps
Zirconium	91-1	425	317	367	369	14.68	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:26:05	DataFile Name :	085CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	299688	305079	305740	303502	1.09	cps
Antimony	121-1	5324482	5368937	5397930	5363783	0.69	cps
Arsenic	75-1	1138933	1158108	1178925	1158655	1.73	cps
Barium	135-1	5904670	5973005	6014932	5964202	0.93	cps
Barium	137-1	10407365	10476775	10491315	10458485	0.43	cps
Beryllium	9-1	594993	605688	611115	603932	1.36	cps
Bismuth	209-1	6379329	6418733	6446720	6414927	0.53	cps
Bismuth	209-2	1443887	1427399	1442133	1437806	0.63	cps
Boron	10-1	71470	73322	74761	73184	2.25	cps
Boron	11-1	342662	362703	370068	358478	3.96	cps
Cadmium	111-1	1149921	1160879	1169771	1160191	0.86	cps
Cadmium	106-1	120971	123747	124360	123026	1.47	cps
Cadmium	108-1	82811	83800	83859	83490	0.71	cps
Calcium	43-1	4722470	4821462	4879671	4807867	1.65	cps
Calcium	44-1	77197473	78652931	79853096	78567833	1.69	cps
Chromium	52-2	393103	401519	401040	398554	1.19	cps
Cobalt	59-2	840597	851430	850783	847603	0.72	cps
Copper	63-2	1438735	1449194	1446185	1444705	0.37	cps
Dysprosium	156-1	200	125	167	164	22.93	cps
Dysprosium	156-2	13	17	27	19	36.75	cps
Erbium	164-1	75	33	25	44	60.28	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	83	67	67	72	13.33	cps
Gadolinium	160-2	7	17	17	13	43.29	cps
Holmium	165-1	9182680	9439949	9464875	9362501	1.67	cps
Holmium	165-2	1840853	1806692	1849407	1832318	1.23	cps
Indium	115-1	6201326	6209032	6237602	6215987	0.31	cps
Indium	115-2	236530	234385	239069	236661	0.99	cps
Iron	56-2	65007443	65841310	65440114	65429622	0.64	cps
Iron	57-2	1681668	1713570	1679422	1691554	1.13	cps
Krypton	83-1	257	320	330	302	13.16	cps
Lead	206-1	4303871	4317434	4324495	4315267	0.24	cps
Lead	207-1	3998413	3969307	3980928	3982883	0.37	cps
Lead	208-1	17785170	17766375	17702925	17751490	0.24	cps
Lithium	6-1	1076084	1076678	1103859	1085541	1.46	cps
Magnesium	24-2	6583093	6663634	6664905	6637211	0.71	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:26:05	DataFile Name :	085CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	218057	221764	220911	220244	0.88	cps
Molybdenum	94-1	8810989	8865921	8962160	8879690	0.86	cps
Molybdenum	95-1	10802609	10966017	11073009	10947212	1.24	cps
Molybdenum	96-1	12164075	12265263	12320602	12249980	0.65	cps
Molybdenum	97-1	6864052	6911092	6941663	6905603	0.57	cps
Molybdenum	98-1	17704237	17789597	17970918	17821584	0.76	cps
Neodymium	150-1	307	320	347	324	6.28	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	254886	255329	255606	255274	0.14	cps
Phosphorus	31-2	3851	3817	3942	3870	1.67	cps
Potassium	39-2	1640435	1680986	1670200	1663873	1.26	cps
Rhodium	103-1	5477474	5565516	5577908	5540299	0.99	cps
Rhodium	103-2	1405629	1384769	1420721	1403706	1.29	cps
Scandium	45-1	3102011	3144918	3152245	3133058	0.87	cps
Scandium	45-2	21460	21961	21697	21706	1.15	cps
Selenium	77-2	333	317	333	328	2.93	cps
Selenium	78-2	1222	1109	1143	1158	5.01	cps
Selenium	82-1	64481	65107	66888	65492	1.91	cps
Silicon	28-1	2069350	2113987	2165014	2116117	2.26	cps
Silver	109-1	5335146	5432869	5415329	5394448	0.97	cps
Silver	107-1	5526879	5555704	5561856	5548146	0.34	cps
Sodium	23-2	14535675	14695396	14668280	14633117	0.58	cps
Strontium	86-1	1309056	1322061	1339376	1323498	1.15	cps
Strontium	88-1	11504060	11697237	11743793	11648363	1.09	cps
Sulfur	34-1	537513	546540	553953	546002	1.51	cps
Terbium	159-1	9477671	9582552	9498529	9519584	0.58	cps
Terbium	159-2	1767311	1727477	1737028	1743938	1.19	cps
Thallium	203-1	5308157	5355140	5427131	5363476	1.12	cps
Thallium	205-1	12614011	12780693	12748722	12714475	0.70	cps
Tin	118-1	3796185	3814391	3831071	3813882	0.46	cps
Titanium	47-1	2397666	2443299	2476460	2439142	1.62	cps
Uranium	238-1	18843087	18954054	19012383	18936508	0.45	cps
Vanadium	51-2	277645	283195	281955	280932	1.04	cps
Yttrium	89-1	6143021	6259703	6388735	6263820	1.96	cps
Yttrium	89-2	170677	170210	172975	171288	0.86	cps
Zinc	66-2	136570	135725	136519	136272	0.35	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:26:05	DataFile Name :	085CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7313469	7449439	7470340	7411083	1.15	cps
Zirconium	91-1	1642203	1659045	1671829	1657692	0.90	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:29:17	DataFile Name :	086CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	18	25	22	17.65	cps
Antimony	121-1	14208	13332	12239	13260	7.44	cps
Arsenic	75-1	975	917	858	917	6.36	cps
Barium	135-1	467	492	242	400	34.42	cps
Barium	137-1	842	542	533	639	27.50	cps
Beryllium	9-1	450	422	478	450	6.17	cps
Bismuth	209-1	7020244	6912920	6941460	6958208	0.80	cps
Bismuth	209-2	1596550	1583418	1516423	1565464	2.75	cps
Boron	10-1	3517	2900	2675	3031	14.38	cps
Boron	11-1	16277	15142	13490	14970	9.36	cps
Cadmium	111-1	1055	1103	1029	1062	3.52	cps
Cadmium	106-1	1275	1342	1267	1295	3.18	cps
Cadmium	108-1	42	17	29	29	42.85	cps
Calcium	43-1	692	458	525	558	21.53	cps
Calcium	44-1	15718	13574	12665	13985	11.21	cps
Chromium	52-2	343	400	350	364	8.50	cps
Cobalt	59-2	73	63	33	57	36.74	cps
Copper	63-2	540	433	377	450	18.43	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	17	28	45.82	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	42	108	17	56	85.29	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	9564951	9579216	9555175	9566447	0.13	cps
Holmium	165-2	1896019	1866017	1776297	1846111	3.37	cps
Indium	115-1	6772368	6689121	6672871	6711453	0.80	cps
Indium	115-2	255185	253489	242484	250386	2.75	cps
Iron	56-2	3956	3723	3312	3664	8.91	cps
Iron	57-2	78	78	61	72	13.33	cps
Krypton	83-1	360	283	383	342	15.29	cps
Lead	206-1	889	806	567	754	22.19	cps
Lead	207-1	661	578	500	580	13.90	cps
Lead	208-1	3272	2945	2445	2887	14.44	cps
Lithium	6-1	1163805	1156213	1160570	1160196	0.33	cps
Magnesium	24-2	558	433	467	486	13.32	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:29:17	DataFile Name :	086CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	53	20	39	43.98	cps
Molybdenum	94-1	4017	3659	3217	3631	11.04	cps
Molybdenum	95-1	5310	4393	3834	4512	16.51	cps
Molybdenum	96-1	6419	4793	4184	5132	22.51	cps
Molybdenum	97-1	3217	2884	2509	2870	12.35	cps
Molybdenum	98-1	8378	7036	6377	7263	14.04	cps
Neodymium	150-1	0	20	20	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	107	133	113	15.57	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	1450	1792	1734	1659	11.02	cps
Rhodium	103-1	6169405	6084965	6148534	6134302	0.72	cps
Rhodium	103-2	1579092	1569166	1491069	1546442	3.12	cps
Scandium	45-1	3254764	3183825	3237796	3225462	1.15	cps
Scandium	45-2	22652	21350	21166	21723	3.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-21	44	-64	-13	-402.82	cps
Silicon	28-1	145044	141363	140093	142167	1.81	cps
Silver	109-1	992	783	708	828	17.73	cps
Silver	107-1	1017	958	808	928	11.58	cps
Sodium	23-2	6160	6285	5843	6096	3.74	cps
Strontium	86-1	533	700	525	586	16.84	cps
Strontium	88-1	1233	1058	1067	1120	8.82	cps
Sulfur	34-1	280010	281045	279903	280319	0.22	cps
Terbium	159-1	9902933	9662585	9695371	9753630	1.34	cps
Terbium	159-2	1834197	1795265	1697162	1775541	3.98	cps
Thallium	203-1	1884	1534	1300	1572	18.68	cps
Thallium	205-1	4476	3726	3684	3962	11.25	cps
Tin	118-1	3442	3376	3367	3395	1.21	cps
Titanium	47-1	433	283	325	347	22.30	cps
Uranium	238-1	1675	1150	925	1250	30.79	cps
Vanadium	51-2	17	13	10	13	25.01	cps
Yttrium	89-1	6544086	6451355	6520906	6505449	0.74	cps
Yttrium	89-2	176079	176831	166943	173285	3.18	cps
Zinc	66-2	127	137	93	119	19.08	cps

LB Number :	LB98597	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2018-10-12 17:29:17	DataFile Name :	086CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3284	2617	2809	2903	11.83	cps
Zirconium	91-1	658	550	650	619	9.73	cps