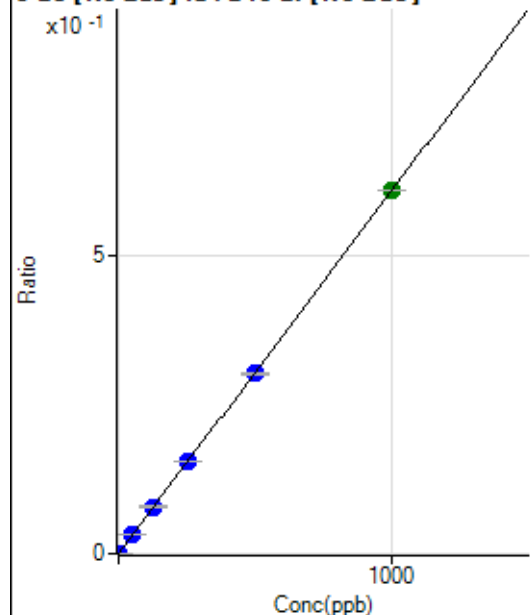


Calibration for 007CALS.d

Batch Folder: D:\ICP-MS Data\P7090418- MS.b\
 Analysis File: P7090418- MS.batch.bin
 DA Date-Time: 2018-09-04 14:55:02
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2018-09-04 11:29:24
2			
3	006CALS.d	S02	2018-09-04 11:37:58
4	007CALS.d	S03	2018-09-04 11:41:51
5	008CALS.d	S04	2018-09-04 11:46:02
6	009CALS.d	S05	2018-09-04 11:49:49
7	010CALS.d	S06	2018-09-04 11:53:34
8	011CALS.d	S07	2018-09-04 11:57:19
9	012CALS.d	S08	2018-09-04 12:01:08

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.59	0.0000	P	27.1
2	☐	0.100					
3	☐	1.000	0.977	3152.28	0.0006	P	3.5
4	☐	50.000	51.080	166632.30	0.0311	P	2.1
5	☐	125.000	129.518	406507.00	0.0788	P	1.1
6	☐	250.000	252.872	778526.52	0.1539	P	0.6
7	☐	500.000	497.043	1497159.86	0.3025	P	1.0
8	☐	1000.000	1000.142	2964917.69	0.6088	A	0.1
9	☐			381.49	0.0001	P	14.3

$$y = 6.0868\text{E-}004 * x + 8.1984\text{E-}006$$

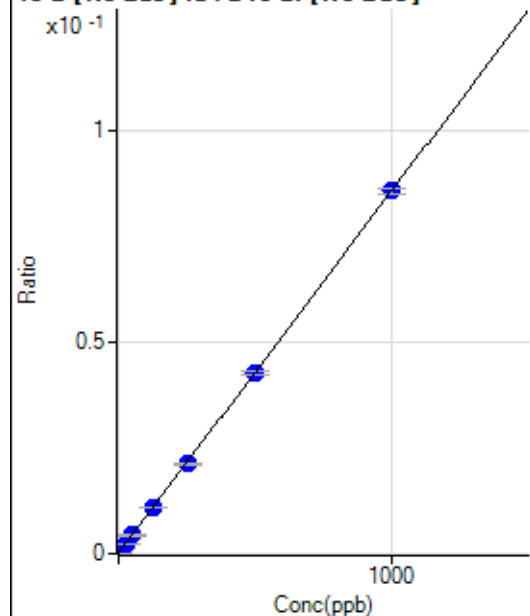
$$R = 1.0000$$

$$DL = 0.01097$$

$$BEC = 0.01347$$

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	555.59	0.0001	P	6.2
2	☐	2.500					
3	☐	25.000	24.892	11693.89	0.0022	P	3.7
4	☐	50.000	49.893	23435.60	0.0044	P	3.7
5	☐	125.000	125.838	56049.47	0.0109	P	1.0
6	☐	250.000	246.867	107335.63	0.0212	P	2.5
7	☐	500.000	499.650	212002.78	0.0428	P	2.4
8	☐	1000.000	1000.862	417469.88	0.0857	P	1.3
9	☐			11504.83	0.0025	P	15.3

$$y = 8.5537\text{E-}005 * x + 1.0694\text{E-}004$$

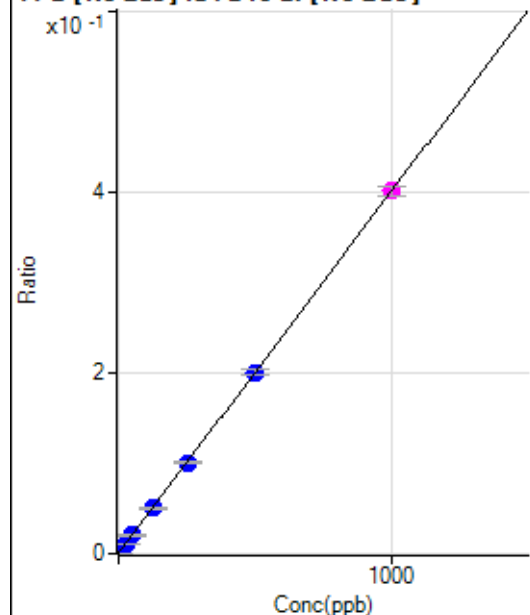
$$R = 1.0000$$

$$DL = 0.2339$$

$$BEC = 1.25$$

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	2389.17	0.0005	P	6.7
2	☐	2.500					
3	☐	25.000	23.650	52032.54	0.0100	P	2.0
4	☐	50.000	49.507	108913.70	0.0203	P	2.7
5	☐	125.000	124.497	260003.89	0.0504	P	1.7
6	☐	250.000	248.784	507299.96	0.1003	P	2.0
7	☐	500.000	499.289	993754.26	0.2008	P	2.8
8	☐	1000.000	1000.781	1958396.61	0.4021	M	3.0
9	☐			53749.76	0.0116	P	10.0

$$y = 4.0133\text{E-}004 * x + 4.5986\text{E-}004$$

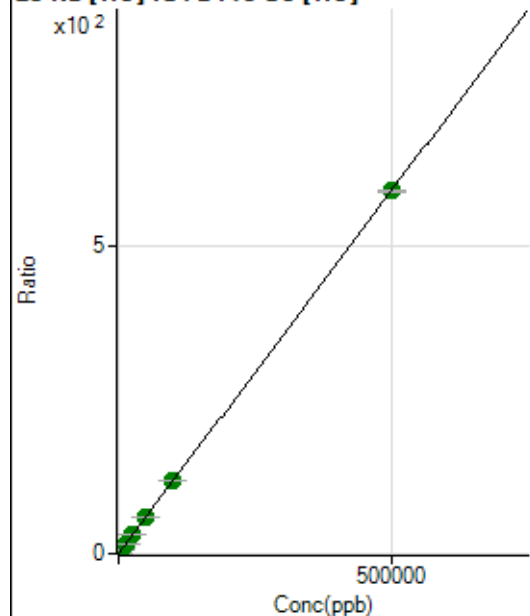
$$R = 1.0000$$

$$DL = 0.2317$$

$$BEC = 1.146$$

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	16064.76	0.0287	P	1.4
2	☐	50.000					
3	☐	500.000	493.788	345693.76	0.6112	P	0.4
4	☐	5000.000	5097.013	3454632.07	6.0417	A	0.9
5	☐	12500.000	12723.880	8472617.12	15.0392	A	0.4
6	☐	25000.000	25470.897	16710072.42	30.0771	A	0.7
7	☐	50000.000	50631.226	33195010.81	59.7591	A	0.7
8	☐	100000.00	100958.04	66211057.73	119.1304	A	0.5
9	☐	500000.00	499715.16	320070596.0	589.5501	A	0.3

$$y = 0.0012 * x + 0.0287$$

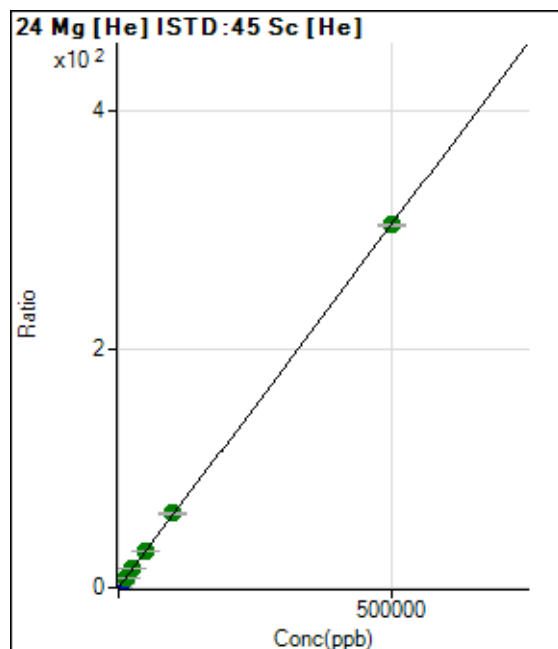
$$R = 1.0000$$

$$DL = 1.028$$

$$BEC = 24.3$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0002	P	8.2
2	☐	50.000					
3	☐	500.000	504.075	173797.17	0.3073	P	1.3
4	☐	5000.000	5211.407	1815512.28	3.1751	P	0.9
5	☐	12500.000	12928.508	4437394.20	7.8765	A	0.3
6	☐	25000.000	25769.364	8722257.92	15.6995	A	0.7
7	☐	50000.000	51243.625	17341713.23	31.2189	A	0.5
8	☐	100000.00	102070.44	34560643.48	62.1837	A	0.6
9	☐	500000.00	499410.25	165185348.1	304.2519	A	0.8

$$y = 6.0922\text{E-}004 * x + 1.9335\text{E-}004$$

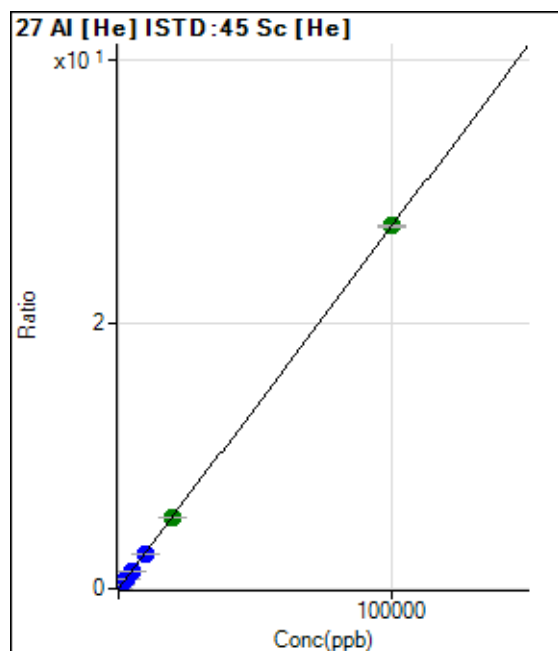
$$R = 1.0000$$

$$DL = 0.07843$$

$$BEC = 0.3174$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0001	P	27.2
2	☐	2.000					
3	☐	20.000	20.567	3233.81	0.0057	P	5.2
4	☐	1000.000	988.606	154826.93	0.2708	P	1.0
5	☐	2500.000	2461.020	379673.03	0.6739	P	1.0
6	☐	5000.000	4888.427	743688.21	1.3386	P	0.4
7	☐	10000.000	9681.051	1472481.41	2.6508	P	0.9
8	☐	20000.000	19415.748	2954703.34	5.3163	A	0.4
9	☐	100000.00	100155.41	14888757.62	27.4235	A	0.6

$$y = 2.7381\text{E-}004 * x + 8.4285\text{E-}005$$

$$R = 1.0000$$

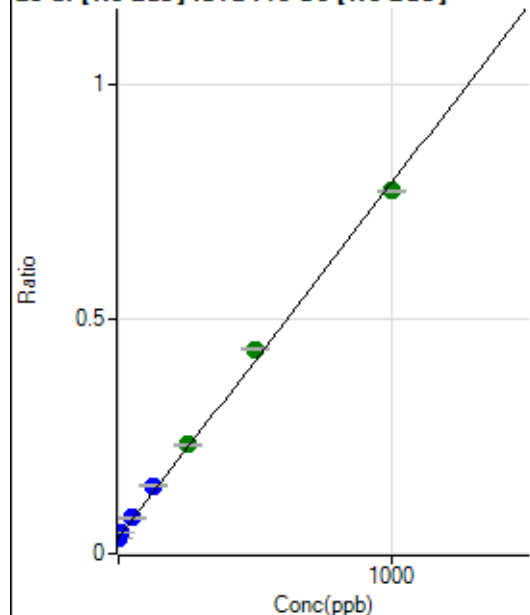
$$DL = 0.2511$$

$$BEC = 0.3078$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	392440.98	0.0340	P	0.5
2	☐	1.000					
3	☐	10.000	14.111	524956.39	0.0446	P	0.9
4	☐	50.000	56.599	930389.04	0.0767	P	3.1
5	☐	125.000	147.358	1704583.57	0.1451	P	0.8
6	☐	250.000	262.146	2684733.46	0.2317	A	1.0
7	☐	500.000	531.767	4943190.82	0.4352	A	0.8
8	☐	1000.000	977.914	8943982.14	0.7718	A	0.3
9	☐			1172577.16	0.1034	P	2.5

$$y = 7.5446\text{E-}004 * x + 0.0340$$

$$R = 0.9990$$

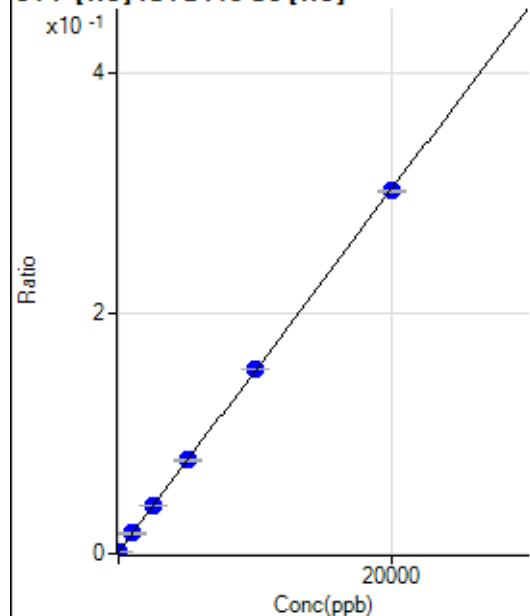
$$DL = 0.7372$$

$$BEC = 45.02$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-5.803	691.71	0.0012	P	3.4
2	☐	0.000					
3	☐	0.000	5.803	797.28	0.0014	P	6.0
4	☐	1000.000	1041.303	9739.69	0.0170	P	3.5
5	☐	2500.000	2585.257	22718.09	0.0403	P	1.5
6	☐	5000.000	5097.486	43461.60	0.0782	P	1.9
7	☐	10000.000	10101.830	85391.01	0.1537	P	0.6
8	☐	20000.000	19911.991	167693.91	0.3017	P	0.4
9	☐			747.28	0.0014	P	13.3

$$y = 1.5087\text{E-}005 * x + 0.0013$$

$$R = 1.0000$$

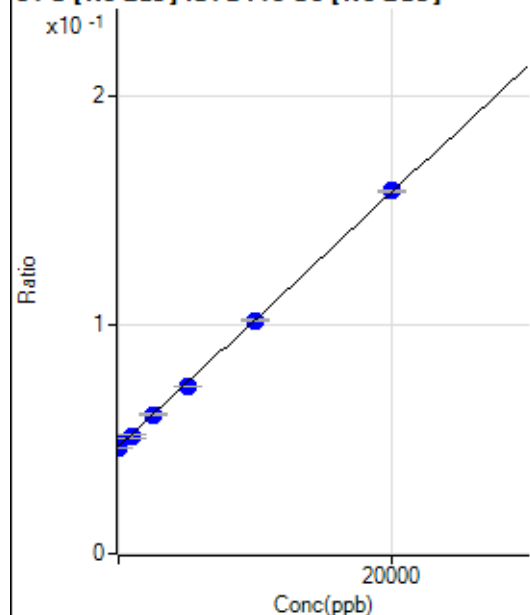
$$DL = 12.51$$

$$BEC = 87.6$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	124.411	550101.07	0.0476	P	0.3
2	☐	0.000					
3	☐	0.000	-124.411	543998.53	0.0462	P	0.6
4	☐	1000.000	745.426	619736.85	0.0511	P	2.8
5	☐	2500.000	2520.447	715650.78	0.0609	P	0.7
6	☐	5000.000	4750.460	849604.40	0.0733	P	0.6
7	☐	10000.000	9931.956	1160328.04	0.1021	P	1.0
8	☐	20000.000	20106.580	1839352.45	0.1587	P	0.3
9	☐			421720.77	0.0372	P	1.1

$$y = 5.5601\text{E-}006 * x + 0.0469$$

$$R = 0.9998$$

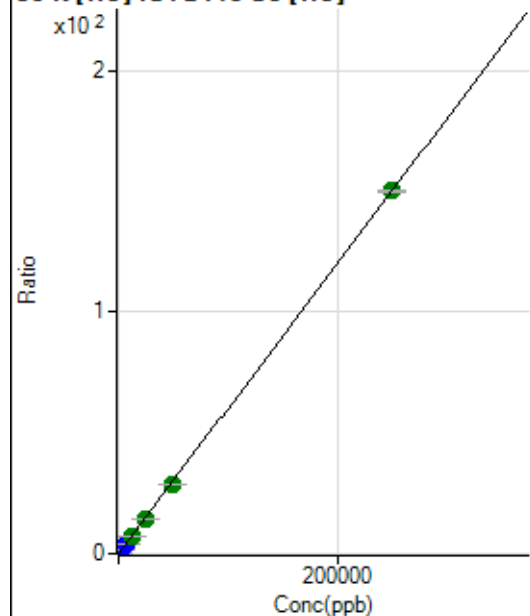
$$DL = 108.9$$

$$BEC = 8439$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33577.67	0.0599	P	2.1
2	☐	50.000					
3	☐	500.000	473.586	194283.88	0.3435	P	0.9
4	☐	2500.000	2458.514	876117.75	1.5322	P	0.6
5	☐	6250.000	6074.893	2083253.76	3.6979	P	0.5
6	☐	12500.000	12022.815	4033388.46	7.2598	A	0.5
7	☐	25000.000	23971.033	8007370.66	14.4150	A	0.5
8	☐	50000.000	48197.770	16075141.16	28.9232	A	0.6
9	☐	250000.00	250492.04	81474106.68	150.0675	A	0.5

$$y = 5.9885\text{E-}004 * x + 0.0599$$

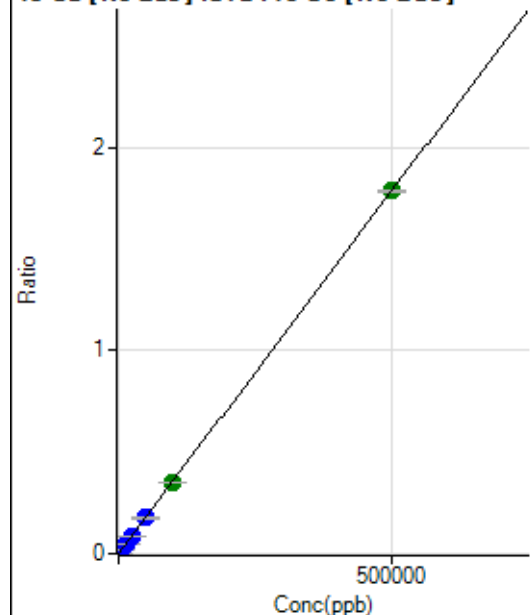
$$R = 1.0000$$

$$DL = 6.403$$

$$BEC = 100$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	227.79	0.0000	P	9.2
2	☐	50.000					
3	☐	500.000	465.048	19761.09	0.0017	P	3.6
4	☐	5000.000	4896.789	212334.82	0.0175	P	2.5
5	☐	12500.000	12443.998	521791.40	0.0444	P	0.5
6	☐	25000.000	24796.747	1025440.13	0.0885	P	0.2
7	☐	50000.000	49115.359	1991362.72	0.1753	P	0.4
8	☐	100000.00	98296.429	4065605.39	0.3508	A	0.7
9	☐	500000.00	500441.80	20247151.49	1.7860	A	0.7

$$y = 3.5688\text{E-}006 * x + 1.9717\text{E-}005$$

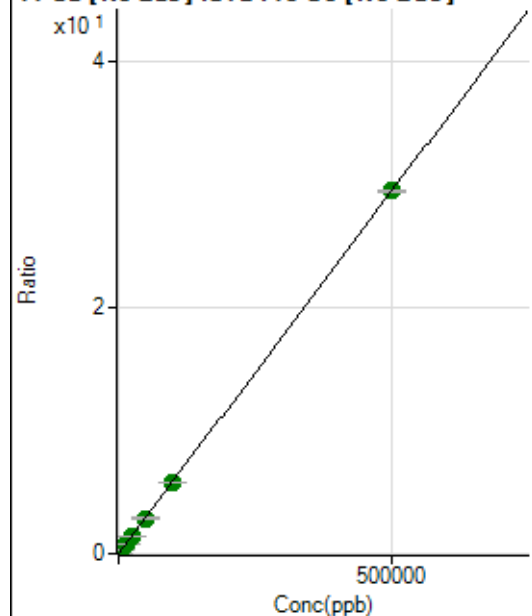
$$R = 1.0000$$

$$DL = 1.529$$

$$BEC = 5.525$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14825.02	0.0013	P	3.6
2	☐	50.000					
3	☐	500.000	461.855	334887.86	0.0285	P	0.5
4	☐	5000.000	4795.174	3439786.36	0.2834	A	2.7
5	☐	12500.000	12271.455	8495481.35	0.7234	A	0.3
6	☐	25000.000	24614.381	16794477.46	1.4497	A	0.3
7	☐	50000.000	48976.540	32751923.65	2.8832	A	0.6
8	☐	100000.00	97701.760	66640398.02	5.7504	A	0.6
9	☐	500000.00	500589.07	333948443.5	29.4578	A	0.4

$$y = 5.8844\text{E-}005 * x + 0.0013$$

$$R = 1.0000$$

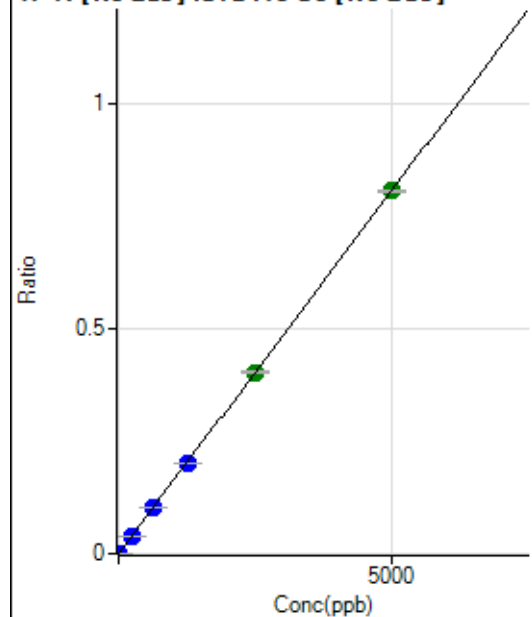
$$DL = 2.357$$

$$BEC = 21.81$$

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	138.90	0.0000	P	18.3
2	☐	0.500					
3	☐	5.000	4.889	9408.94	0.0008	P	3.6
4	☐	250.000	244.623	478299.28	0.0394	P	3.2
5	☐	625.000	626.162	1184681.40	0.1009	P	0.8
6	☐	1250.000	1243.259	2320210.64	0.2003	P	0.1
7	☐	2500.000	2502.850	4579864.82	0.4032	A	0.4
8	☐	5000.000	5000.384	9334695.00	0.8055	A	0.2
9	☐			6547.81	0.0006	P	125.

$$y = 1.6108E-004 * x + 1.2022E-005$$

$$R = 1.0000$$

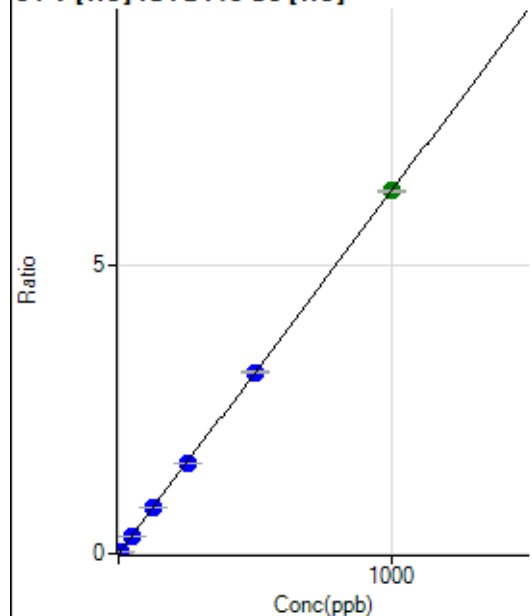
$$DL = 0.041$$

$$BEC = 0.07463$$

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	6.67	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	4.723	16763.04	0.0296	P	0.6
4	☐	50.000	50.256	180241.32	0.3152	P	0.2
5	☐	125.000	125.716	444212.10	0.7885	P	0.5
6	☐	250.000	251.011	874678.71	1.5743	P	0.1
7	☐	500.000	499.175	1739082.21	3.1308	P	0.9
8	☐	1000.000	1000.059	3486051.72	6.2723	A	0.2
9	☐			1300.08	0.0024	P	9.9

$$y = 0.0063 * x + 1.1895E-005$$

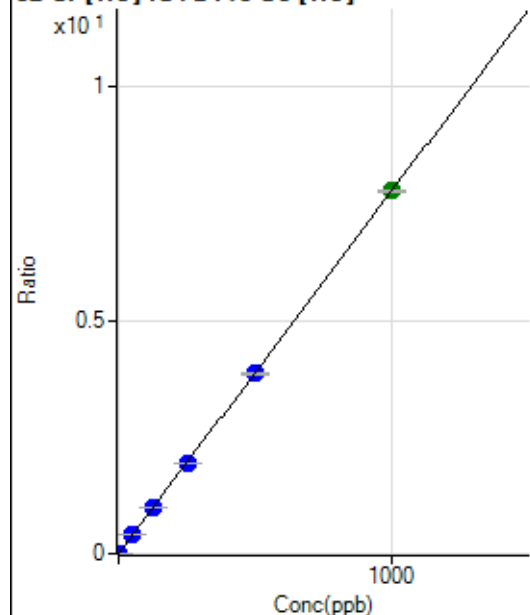
$$R = 1.0000$$

$$DL = 0.004927$$

$$BEC = 0.001896$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	672.25	0.0012	P	18.0
2	☐	0.200					
3	☐	2.000	2.156	10138.07	0.0179	P	0.2
4	☐	50.000	50.510	224756.77	0.3931	P	0.8
5	☐	125.000	126.290	552650.95	0.9810	P	0.8
6	☐	250.000	251.001	1082555.95	1.9485	P	0.4
7	☐	500.000	496.679	2141104.76	3.8545	P	0.8
8	☐	1000.000	1001.223	4317809.87	7.7689	A	0.2
9	☐			134169.11	0.2471	P	0.7

$$y = 0.0078 * x + 0.0012$$

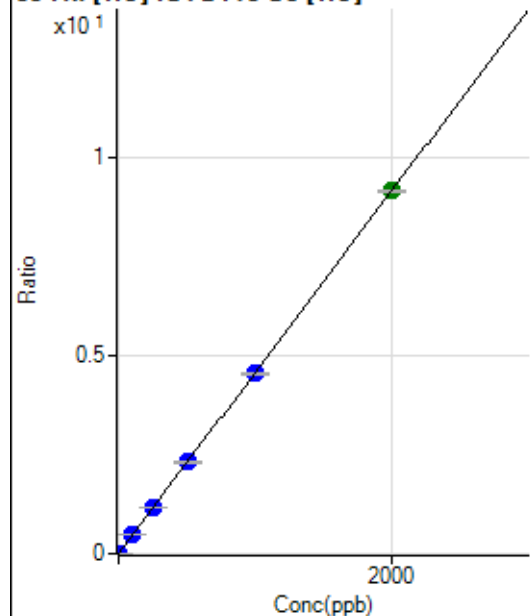
$$R = 1.0000$$

$$DL = 0.08358$$

$$BEC = 0.1546$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.22	0.0001	P	20.0
2	☐	0.100					
3	☐	1.000	1.016	2688.07	0.0048	P	5.7
4	☐	100.000	102.052	267615.97	0.4680	P	0.6
5	☐	250.000	253.399	654617.17	1.1620	P	0.6
6	☐	500.000	504.321	1284784.03	2.3125	P	0.4
7	☐	1000.000	994.378	2532697.90	4.5595	P	0.8
8	☐	2000.000	2001.203	5099870.06	9.1760	A	0.4
9	☐			21746.25	0.0401	P	0.7

$$y = 0.0046 * x + 9.3238E-005$$

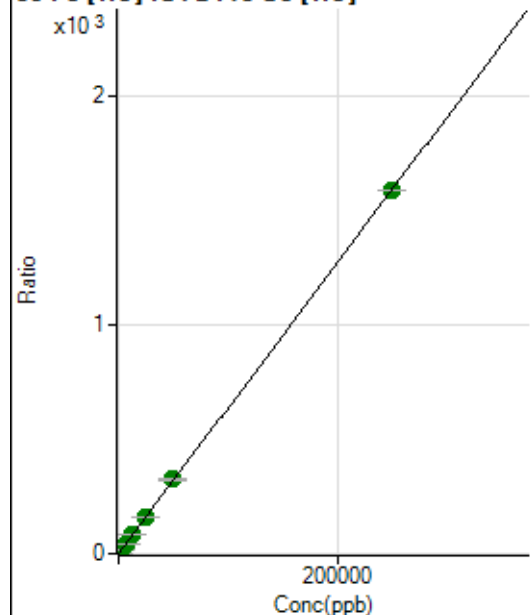
$$R = 1.0000$$

$$DL = 0.01223$$

$$BEC = 0.02033$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5208.49	0.0093	P	4.0
2	☐	5.000					
3	☐	50.000	51.219	189359.61	0.3348	P	0.6
4	☐	2500.000	2569.306	9342105.30	16.3380	A	0.6
5	☐	6250.000	6432.955	23037473.67	40.8925	A	0.7
6	☐	12500.000	12879.624	45481826.48	81.8629	A	0.2
7	☐	25000.000	25462.129	89891292.75	161.8283	A	1.0
8	☐	50000.000	51035.706	180272235.5	324.3556	A	0.4
9	☐	250000.00	249722.39	861633182.2	1,587.065	A	0.0

$$y = 0.0064 * x + 0.0093$$

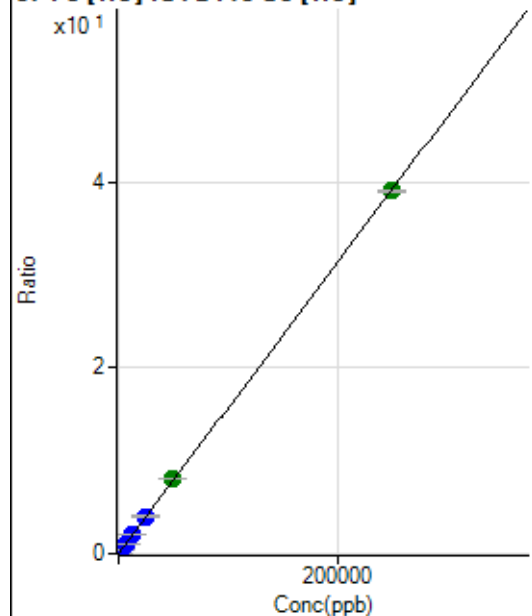
$$R = 1.0000$$

$$DL = 0.1749$$

$$BEC = 1.462$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	262.97	0.0005	P	26.5
2	☐	5.000					
3	☐	50.000	54.243	5060.26	0.0089	P	2.0
4	☐	2500.000	2623.637	234726.77	0.4105	P	0.7
5	☐	6250.000	6531.873	575356.50	1.0213	P	0.2
6	☐	12500.000	13033.729	1131943.33	2.0374	P	0.3
7	☐	25000.000	25735.667	2234395.10	4.0225	P	0.7
8	☐	50000.000	51312.684	4457191.10	8.0197	A	0.9
9	☐	250000.00	249628.92	21180647.70	39.0127	A	0.4

$$y = 1.5628E-004 * x + 4.6951E-004$$

$$R = 1.0000$$

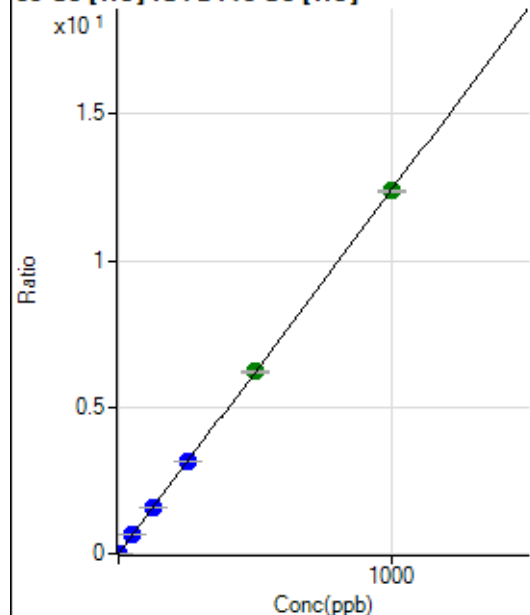
$$DL = 2.39$$

$$BEC = 3.004$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	64.44	0.0001	P	20.0
2	☐	0.100					
3	☐	1.000	0.980	6939.52	0.0123	P	3.7
4	☐	50.000	51.538	365425.02	0.6391	P	0.6
5	☐	125.000	128.067	894558.56	1.5879	P	0.1
6	☐	250.000	254.479	1752905.84	3.1551	P	0.6
7	☐	500.000	500.964	3449973.01	6.2110	A	1.3
8	☐	1000.000	997.938	6876332.75	12.3724	A	0.6
9	☐			80497.99	0.1483	P	0.8

$$y = 0.0124 * x + 1.1506E-004$$

$$R = 1.0000$$

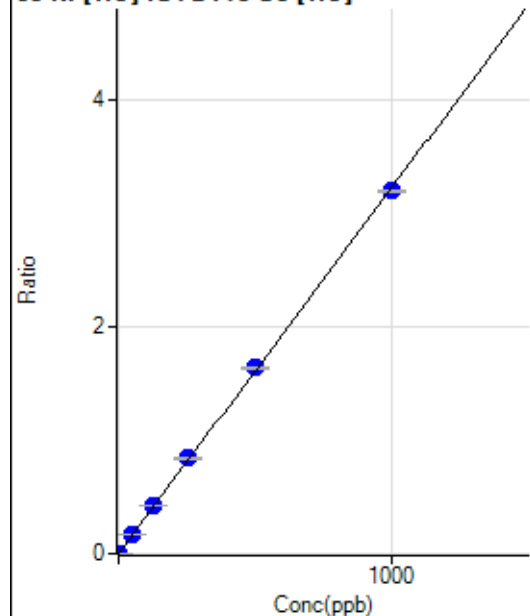
$$DL = 0.005577$$

$$BEC = 0.009281$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	60.00	0.0001	P	5.3
2	☐	0.100					
3	☐	1.000	1.085	2035.73	0.0036	P	5.0
4	☐	50.000	53.511	98536.12	0.1723	P	1.8
5	☐	125.000	131.608	238691.78	0.4237	P	0.4
6	☐	250.000	261.015	466786.77	0.8402	P	0.6
7	☐	500.000	508.139	908511.76	1.6355	P	0.8
8	☐	1000.000	992.175	1774853.43	3.1934	P	0.5
9	☐			48097.59	0.0886	P	0.5

$$y = 0.0032 * x + 1.0704E-004$$

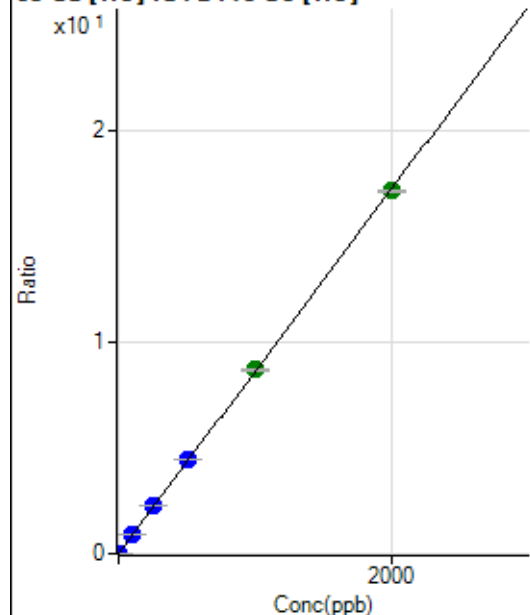
$$R = 0.9999$$

$$DL = 0.005267$$

$$BEC = 0.03326$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	794.48	0.0014	P	10.4
2	☐	0.200					
3	☐	2.000	2.051	10820.82	0.0191	P	3.2
4	☐	100.000	105.626	522480.31	0.9137	P	0.3
5	☐	250.000	261.223	1271895.59	2.2577	P	0.4
6	☐	500.000	514.801	2471166.82	4.4479	P	0.3
7	☐	1000.000	1009.475	4844107.98	8.7205	A	0.6
8	☐	2000.000	1989.878	9553080.07	17.1885	A	0.5
9	☐			20705.94	0.0381	P	1.1

$$y = 0.0086 * x + 0.0014$$

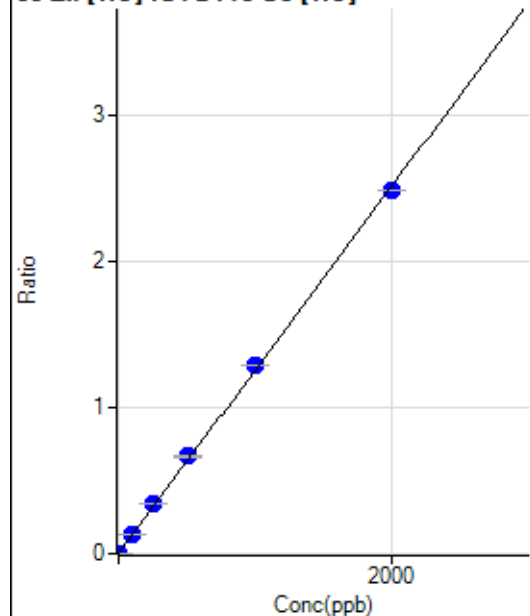
$$R = 0.9999$$

$$DL = 0.05105$$

$$BEC = 0.1641$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	760.03	0.0014	P	6.5
2	☐	0.200					
3	☐	2.000	2.000	2184.64	0.0039	P	5.9
4	☐	100.000	107.624	77886.30	0.1362	P	1.3
5	☐	250.000	267.549	189631.77	0.3366	P	0.9
6	☐	500.000	530.481	370052.74	0.6661	P	0.9
7	☐	1000.000	1026.645	715336.86	1.2878	P	0.8
8	☐	2000.000	1976.482	1377215.90	2.4780	P	0.2
9	☐			6782.79	0.0125	P	1.3

$$y = 0.0013 * x + 0.0014$$

$$R = 0.9997$$

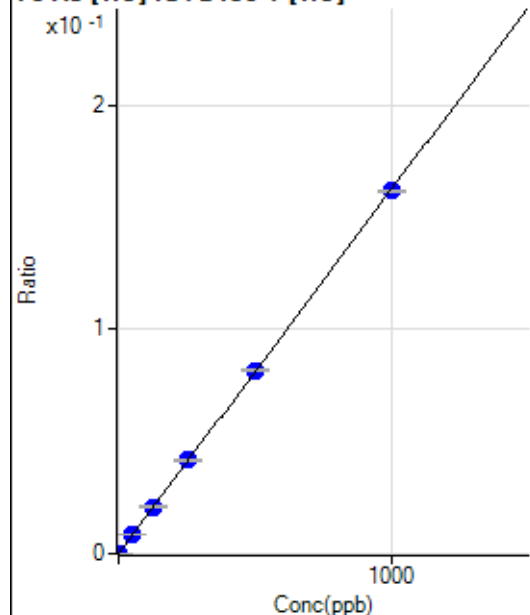
$$DL = 0.2101$$

$$BEC = 1.082$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.03	0.0000	P	34.8
2	☐	0.100					
3	☐	1.000	0.951	446.93	0.0002	P	3.3
4	☐	50.000	51.319	23925.28	0.0083	P	1.5
5	☐	125.000	129.064	59653.03	0.0210	P	0.9
6	☐	250.000	256.851	117536.65	0.0418	P	0.9
7	☐	500.000	503.837	230851.65	0.0819	P	0.8
8	☐	1000.000	995.795	459814.98	0.1619	P	0.3
9	☐			659.90	0.0002	P	7.7

$$y = 1.6258\text{E-}004 * x + 2.8966\text{E-}006$$

$$R = 1.0000$$

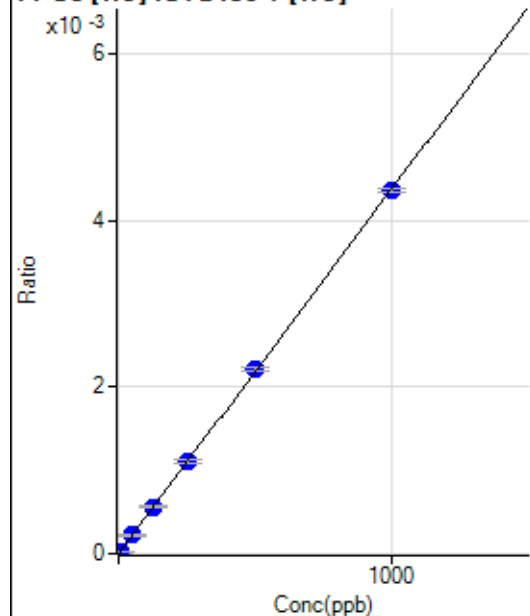
$$DL = 0.01858$$

$$BEC = 0.01782$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.371	67.78	0.0000	P	23.1
4	☐	50.000	50.356	632.25	0.0002	P	12.1
5	☐	125.000	127.575	1586.78	0.0006	P	3.3
6	☐	250.000	254.450	3132.61	0.0011	P	4.5
7	☐	500.000	505.740	6232.55	0.0022	P	1.8
8	☐	1000.000	995.676	12365.43	0.0044	P	1.0
9	☐			2.22	0.0000	P	86.6

$$y = 4.3724\text{E-}006 * x + 4.0120\text{E-}007$$

$$R = 1.0000$$

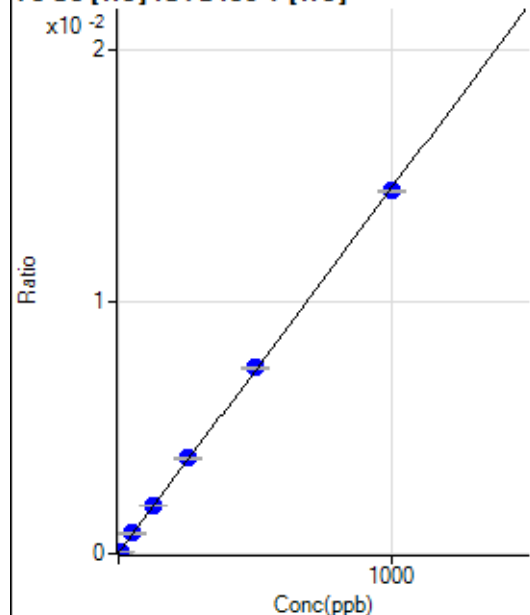
$$DL = 0.4768$$

$$BEC = 0.09176$$

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	85.80	0.0000	P	9.0
2	☐	0.500					
3	☐	5.000	5.084	296.92	0.0001	P	10.3
4	☐	50.000	53.709	2319.96	0.0008	P	3.0
5	☐	125.000	128.979	5401.06	0.0019	P	1.9
6	☐	250.000	259.252	10660.77	0.0038	P	1.4
7	☐	500.000	508.797	20865.71	0.0074	P	0.9
8	☐	1000.000	992.605	40940.94	0.0144	P	0.2
9	☐			100.62	0.0000	P	10.0

$$y = 1.4491\text{E-}005 * x + 3.0995\text{E-}005$$

$$R = 0.9999$$

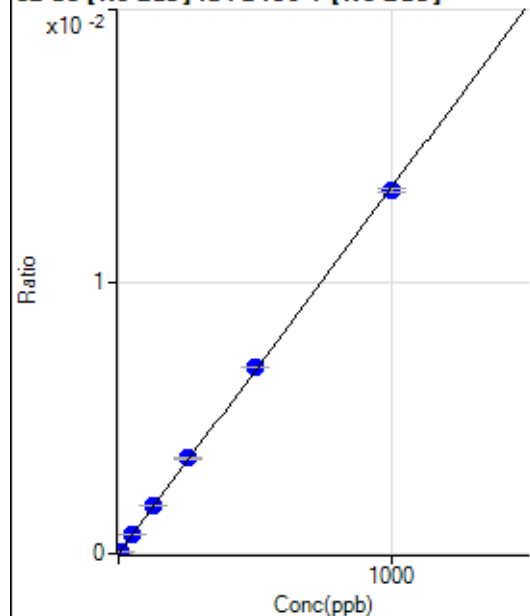
$$DL = 0.5744$$

$$BEC = 2.139$$

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	81.68	0.0000	P	108.
2	☐	0.500					
3	☐	5.000	5.046	1358.39	0.0001	P	4.3
4	☐	50.000	51.859	13674.09	0.0007	P	3.4
5	☐	125.000	131.211	33653.16	0.0018	P	0.5
6	☐	250.000	261.114	66131.29	0.0035	P	1.4
7	☐	500.000	510.314	128531.51	0.0069	P	0.3
8	☐	1000.000	991.195	252099.07	0.0133	P	0.9
9	☐			259.19	0.0000	P	10.3

$$y = 1.3454\text{E-}005 * x + 4.4440\text{E-}006$$

$$R = 0.9998$$

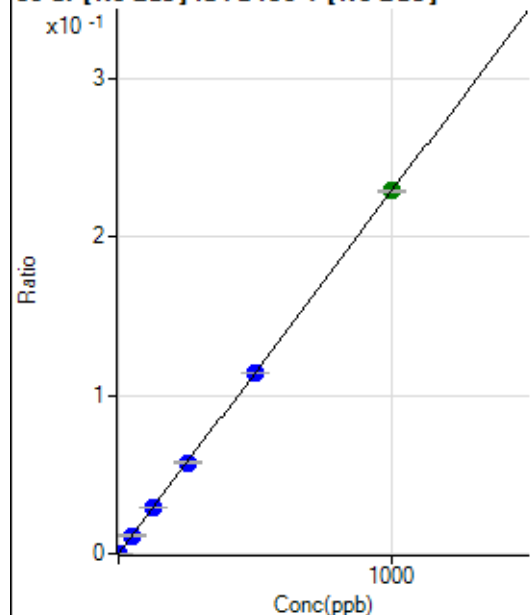
$$DL = 1.075$$

$$BEC = 0.3303$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	936.18	0.0001	P	15.5
2	☐	0.100					
3	☐	1.000	0.982	5167.82	0.0003	P	2.9
4	☐	50.000	49.708	222128.45	0.0114	P	3.2
5	☐	125.000	125.961	548163.83	0.0288	P	0.3
6	☐	250.000	251.173	1079749.33	0.0574	P	1.4
7	☐	500.000	497.133	2125703.93	0.1136	P	0.4
8	☐	1000.000	1001.035	4322688.16	0.2287	A	0.6
9	☐			20974.45	0.0012	P	3.0

$$y = 2.2846E-004 * x + 5.0879E-005$$

$$R = 1.0000$$

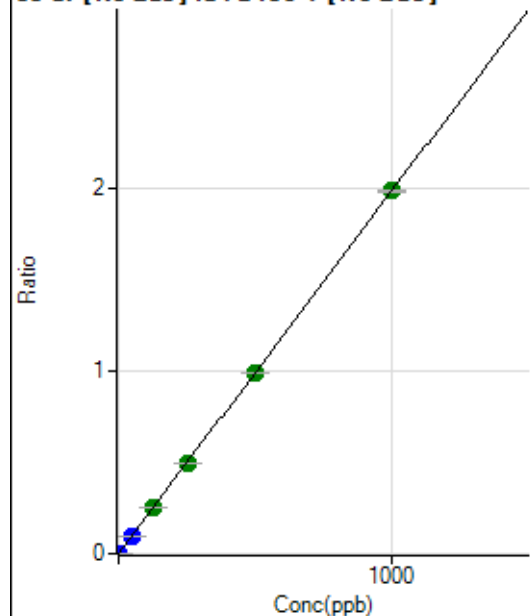
$$DL = 0.1033$$

$$BEC = 0.2227$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	186.12	0.0000	P	18.8
2	☐	0.100					
3	☐	1.000	0.985	36926.02	0.0020	P	1.5
4	☐	50.000	49.567	1917343.47	0.0985	P	2.6
5	☐	125.000	125.131	4725982.26	0.2485	A	0.2
6	☐	250.000	250.601	9357801.08	0.4977	A	0.8
7	☐	500.000	497.215	18475135.66	0.9875	A	0.0
8	☐	1000.000	1001.248	37579824.80	1.9886	A	0.7
9	☐			172862.12	0.0095	P	1.4

$$y = 0.0020 * x + 1.0118E-005$$

$$R = 1.0000$$

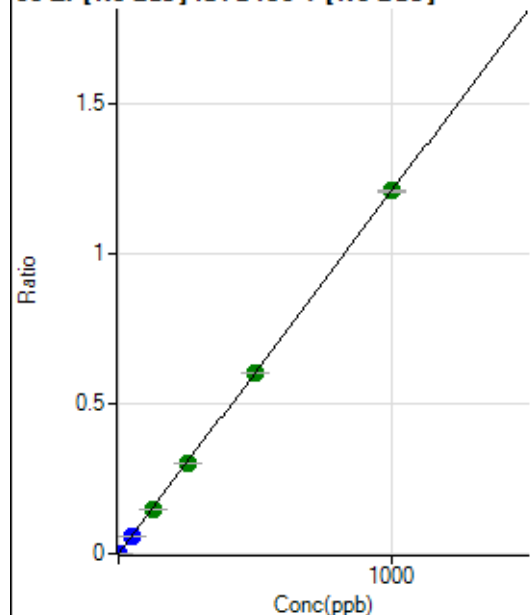
$$DL = 0.002878$$

$$BEC = 0.005095$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1689.06	0.0001	P	5.2
2	☐	0.100					
3	☐	1.000	0.996	24360.41	0.0013	P	1.0
4	☐	50.000	48.526	1145038.28	0.0588	P	2.7
5	☐	125.000	124.267	2860456.16	0.1504	A	0.3
6	☐	250.000	250.645	5702889.67	0.3033	A	0.4
7	☐	500.000	498.805	11291273.69	0.6035	A	0.2
8	☐	1000.000	1000.601	22877381.41	1.2106	A	0.5
9	☐			4584.27	0.0003	P	5.9

$$y = 0.0012 * x + 9.1812E-005$$

$$R = 1.0000$$

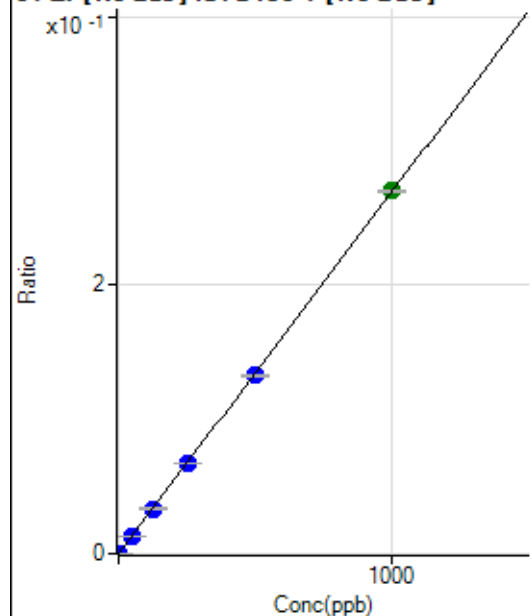
$$DL = 0.01185$$

$$BEC = 0.07589$$

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	305.57	0.0000	P	13.9
2	☐	0.100					
3	☐	1.000	0.972	5223.38	0.0003	P	4.2
4	☐	50.000	48.730	255638.02	0.0131	P	1.8
5	☐	125.000	124.625	637793.06	0.0335	P	0.6
6	☐	250.000	249.081	1260046.50	0.0670	P	0.7
7	☐	500.000	492.771	2480197.30	0.1326	P	0.6
8	☐	1000.000	1003.955	5103849.60	0.2701	A	0.7
9	☐			988.97	0.0001	P	10.5

$$y = 2.6900E-004 * x + 1.6608E-005$$

$$R = 1.0000$$

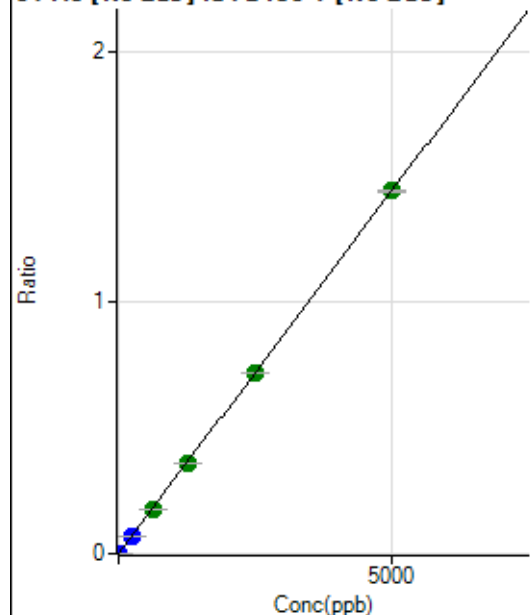
$$DL = 0.02581$$

$$BEC = 0.06174$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	505.59	0.0000	P	8.0
2	☐	0.500					
3	☐	5.000	4.929	27235.20	0.0015	P	2.1
4	☐	250.000	244.879	1377304.31	0.0707	P	2.5
5	☐	625.000	620.237	3405324.69	0.1791	A	0.6
6	☐	1250.000	1249.317	6781348.94	0.3607	A	0.7
7	☐	2500.000	2493.713	13468780.68	0.7199	A	0.5
8	☐	5000.000	5004.166	27300762.42	1.4447	A	0.4
9	☐			28598.97	0.0016	P	2.8

$$y = 2.8869E-004 * x + 2.7478E-005$$

$$R = 1.0000$$

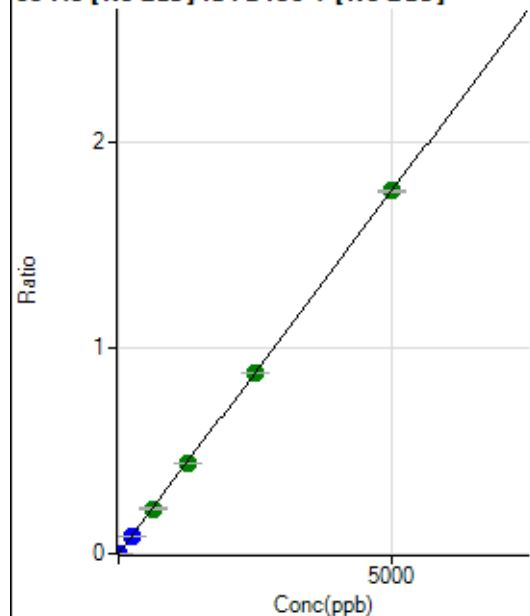
$$DL = 0.02271$$

$$BEC = 0.09518$$

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	63.89	0.0000	P	39.8
2	☐	0.500					
3	☐	5.000	4.866	32203.80	0.0017	P	0.9
4	☐	250.000	245.900	1684541.10	0.0865	P	2.5
5	☐	625.000	621.179	4154884.47	0.2185	A	0.6
6	☐	1250.000	1253.974	8292882.39	0.4411	A	0.7
7	☐	2500.000	2493.807	16410945.85	0.8772	A	0.2
8	☐	5000.000	5002.785	33254409.42	1.7597	A	0.7
9	☐			47951.06	0.0026	P	4.3

$$y = 3.5175E-004 * x + 3.4721E-006$$

$$R = 1.0000$$

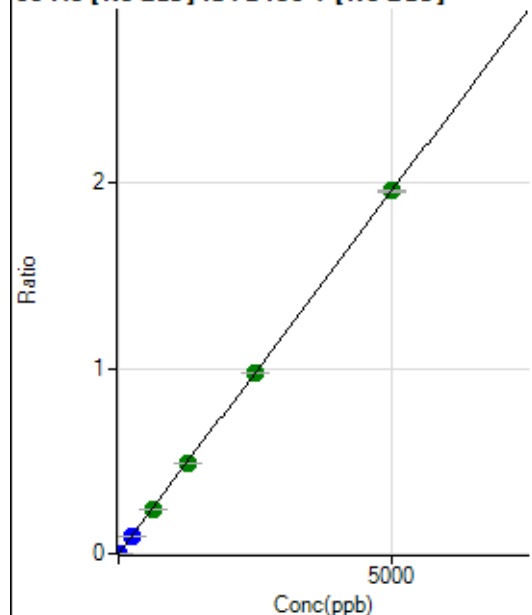
$$DL = 0.01179$$

$$BEC = 0.009871$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	202.79	0.0000	P	6.3
2	☐	0.500					
3	☐	5.000	4.799	35411.61	0.0019	P	0.8
4	☐	250.000	245.047	1864319.05	0.0957	P	2.7
5	☐	625.000	616.596	4580233.00	0.2409	A	0.3
6	☐	1250.000	1249.647	9177780.15	0.4882	A	0.7
7	☐	2500.000	2491.906	18211104.40	0.9734	A	0.3
8	☐	5000.000	5005.434	36949859.16	1.9553	A	0.6
9	☐			62417.83	0.0034	P	4.6

$$y = 3.9063\text{E-}004 * x + 1.1023\text{E-}005$$

$$R = 1.0000$$

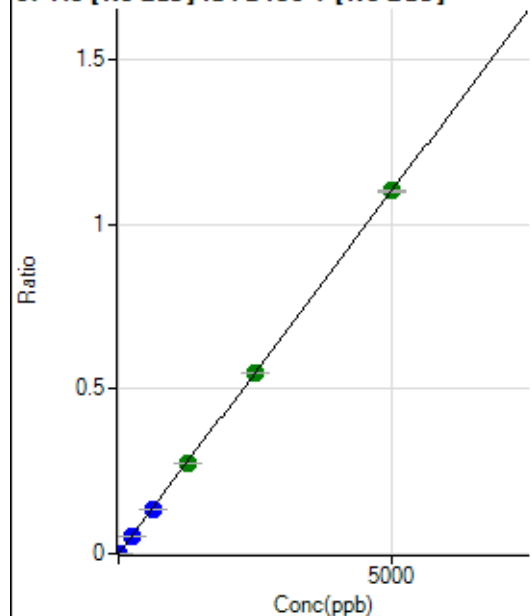
$$DL = 0.005365$$

$$BEC = 0.02822$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	57.5
2	☐	0.500					
3	☐	5.000	4.883	20223.36	0.0011	P	0.3
4	☐	250.000	245.413	1051341.65	0.0540	P	3.1
5	☐	625.000	616.897	2580646.02	0.1357	P	0.3
6	☐	1250.000	1250.591	5172401.03	0.2751	A	1.0
7	☐	2500.000	2495.129	10269072.80	0.5489	A	0.4
8	☐	5000.000	5003.530	20800944.74	1.1007	A	0.3
9	☐			29606.54	0.0016	P	2.8

$$y = 2.1999\text{E-}004 * x + 2.7157\text{E-}006$$

$$R = 1.0000$$

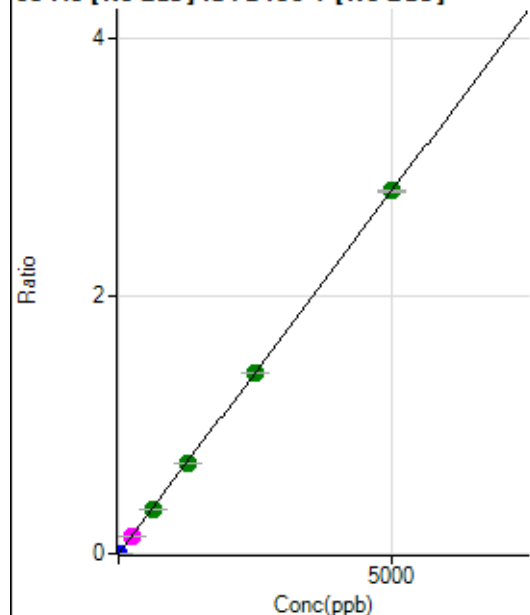
$$DL = 0.02131$$

$$BEC = 0.01234$$

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	108.34	0.0000	P	15.5
2	☐	0.500					
3	☐	5.000	4.896	51929.07	0.0028	P	1.5
4	☐	250.000	244.126	2679423.28	0.1376	M	2.6
5	☐	625.000	615.416	6595295.16	0.3468	A	0.7
6	☐	1250.000	1249.820	13242807.15	0.7044	A	0.7
7	☐	2500.000	2494.982	26305886.52	1.4061	A	0.1
8	☐	5000.000	5004.046	53293807.79	2.8202	A	0.4
9	☐			75073.48	0.0041	P	4.7

$$y = 5.6357\text{E-}004 * x + 5.8893\text{E-}006$$

$$R = 1.0000$$

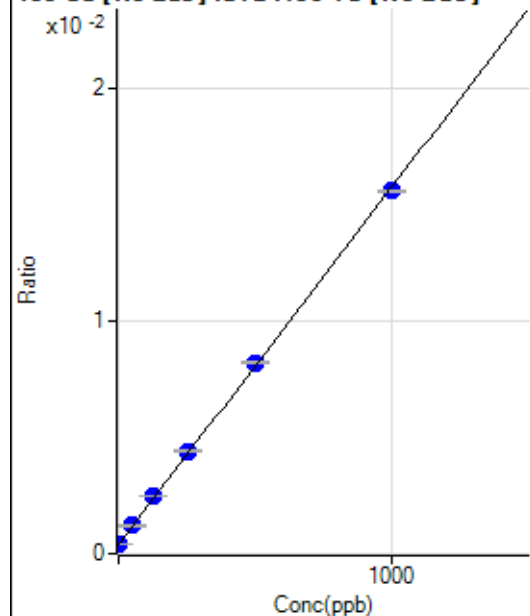
$$DL = 0.00485$$

$$BEC = 0.01045$$

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	9342.36	0.0004	P	1.3
2	☐	0.100					
3	☐	1.000	0.058	9584.16	0.0004	P	2.4
4	☐	50.000	53.033	30241.49	0.0012	P	2.8
5	☐	125.000	134.761	60510.76	0.0025	P	1.9
6	☐	250.000	261.811	108322.89	0.0044	P	1.3
7	☐	500.000	509.958	202622.27	0.0082	P	0.1
8	☐	1000.000	990.697	387402.04	0.0156	P	0.7
9	☐			8708.59	0.0004	P	1.1

$$y = 1.5345\text{E-}005 * x + 4.0167\text{E-}004$$

$$R = 0.9998$$

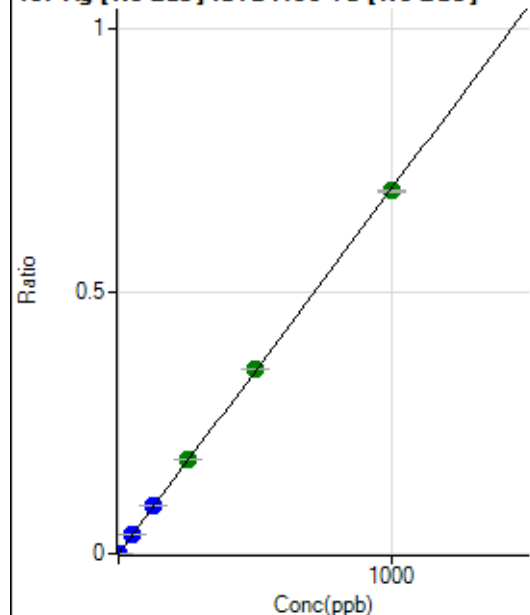
$$DL = 1.01$$

$$BEC = 26.18$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	12.7
2	☐	0.100					
3	☐	1.000	1.047	17475.26	0.0007	P	1.3
4	☐	50.000	52.875	914874.80	0.0368	P	3.3
5	☐	125.000	132.153	2251834.25	0.0919	P	0.6
6	☐	250.000	259.349	4420847.15	0.1803	A	0.9
7	☐	500.000	505.070	8650149.15	0.3512	A	0.6
8	☐	1000.000	994.090	17162268.09	0.6913	A	0.5
9	☐			1455.69	0.0001	P	4.8

$$y = 6.9537\text{E-}004 * x + 5.7343\text{E-}006$$

$$R = 0.9999$$

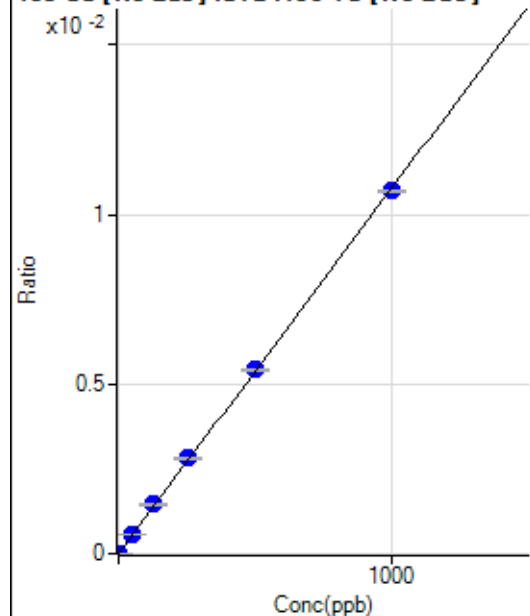
$$DL = 0.003142$$

$$BEC = 0.008246$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.06	0.0000	P	35.1
2	☐	0.100					
3	☐	1.000	0.991	272.23	0.0000	P	12.1
4	☐	50.000	52.929	14189.32	0.0006	P	3.3
5	☐	125.000	134.415	35461.29	0.0014	P	0.4
6	☐	250.000	260.800	68812.08	0.0028	P	1.5
7	☐	500.000	504.774	133801.92	0.0054	P	0.9
8	☐	1000.000	993.590	265472.08	0.0107	P	0.6
9	☐			91.67	0.0000	P	18.5

$$y = 1.0761\text{E-}005 * x + 7.7601\text{E-}007$$

$$R = 0.9999$$

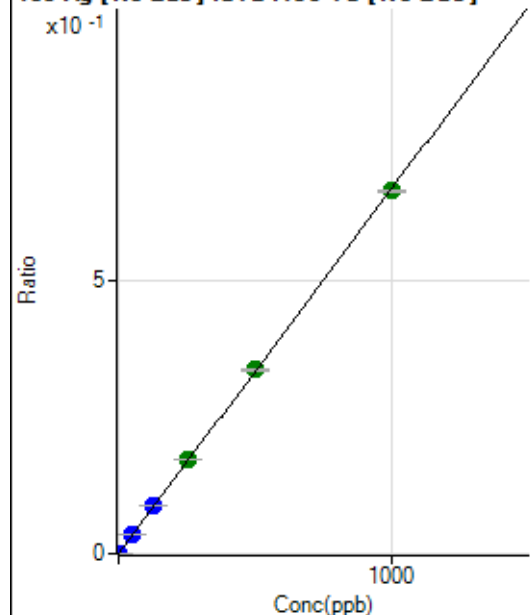
$$DL = 0.07597$$

$$BEC = 0.07211$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	86.7
2	☐	0.100					
3	☐	1.000	1.040	16540.78	0.0007	P	1.2
4	☐	50.000	53.132	881261.40	0.0354	P	2.4
5	☐	125.000	131.603	2149409.70	0.0877	P	1.0
6	☐	250.000	259.826	4245269.50	0.1732	A	0.4
7	☐	500.000	503.685	8268748.88	0.3357	A	0.3
8	☐	1000.000	994.719	16460670.86	0.6630	A	0.5
9	☐			1214.00	0.0001	P	14.3

$$y = 6.6654\text{E-}004 * x + 1.7876\text{E-}006$$

$$R = 0.9999$$

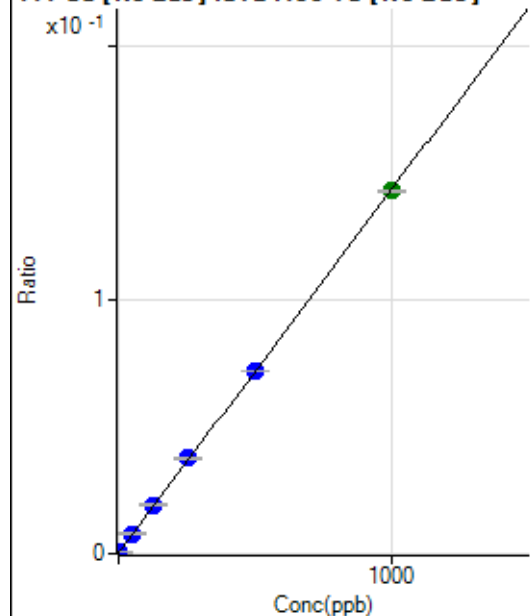
$$DL = 0.006979$$

$$BEC = 0.002682$$

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	6532.57	0.0003	P	1.3
2	☐	0.100					
3	☐	1.000	0.985	10045.26	0.0004	P	2.0
4	☐	50.000	52.700	194641.46	0.0078	P	3.9
5	☐	125.000	132.759	472522.85	0.0193	P	0.5
6	☐	250.000	260.049	919367.61	0.0375	P	0.6
7	☐	500.000	499.889	1769279.79	0.0718	P	0.4
8	☐	1000.000	996.438	3548145.97	0.1429	A	0.2
9	☐			6565.21	0.0003	P	1.9

$$y = 1.4314\text{E-}004 * x + 2.8086\text{E-}004$$

$$R = 0.9999$$

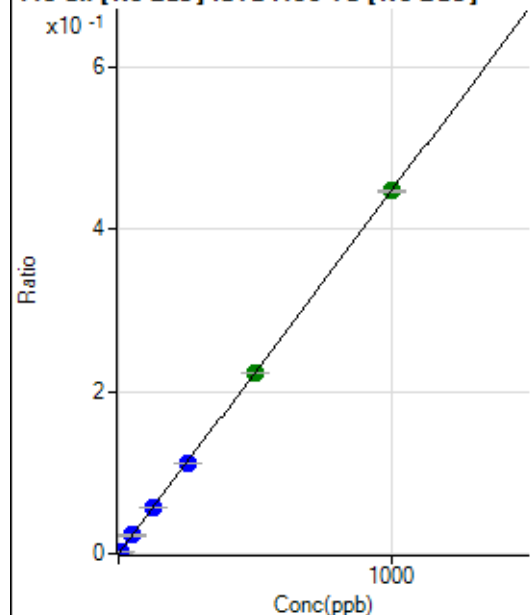
$$DL = 0.07564$$

$$BEC = 1.962$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1989.11	0.0001	P	7.2
2	☐	0.500					
3	☐	5.000	5.065	55920.43	0.0023	P	1.9
4	☐	50.000	50.536	563984.38	0.0227	P	2.9
5	☐	125.000	126.970	1392297.47	0.0568	P	0.1
6	☐	250.000	249.899	2739406.29	0.1118	P	0.1
7	☐	500.000	499.795	5502640.53	0.2234	A	0.2
8	☐	1000.000	999.854	11094191.39	0.4469	A	0.8
9	☐			9420.21	0.0004	P	3.5

$$y = 4.4685\text{E-}004 * x + 8.5544\text{E-}005$$

$$R = 1.0000$$

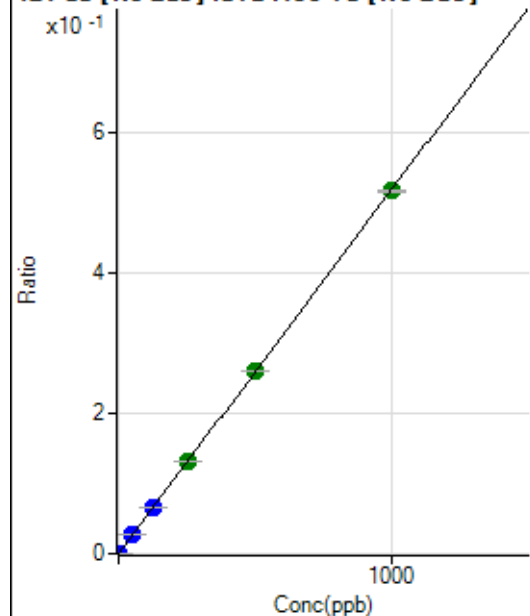
$$DL = 0.04108$$

$$BEC = 0.1914$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	39.6
2	☐	0.200					
3	☐	2.000	1.993	24669.71	0.0010	P	1.2
4	☐	50.000	50.962	657377.43	0.0264	P	2.5
5	☐	125.000	128.428	1631244.21	0.0666	P	1.0
6	☐	250.000	254.124	3228995.41	0.1317	A	0.5
7	☐	500.000	502.774	6418652.45	0.2606	A	0.6
8	☐	1000.000	997.106	12831486.83	0.5168	A	0.8
9	☐			19019.14	0.0008	P	0.7

$$y = 5.1834\text{E-}004 * x + 3.2207\text{E-}006$$

$$R = 1.0000$$

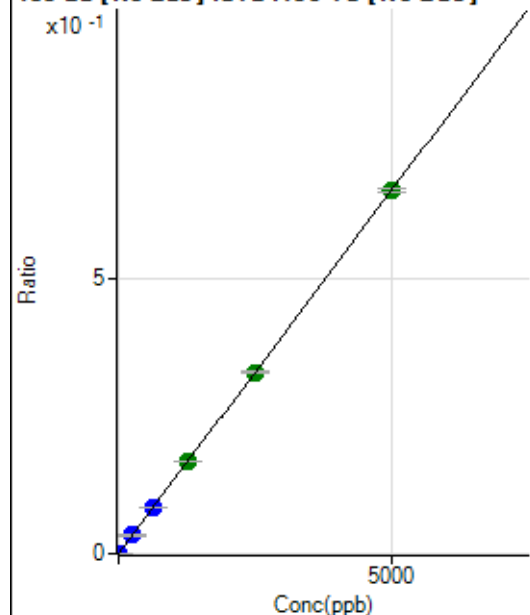
$$DL = 0.007376$$

$$BEC = 0.006213$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	115.
2	☐	1.000					
3	☐	10.000	9.959	31425.28	0.0013	P	1.6
4	☐	250.000	253.875	836506.67	0.0336	P	2.9
5	☐	625.000	638.698	2072484.31	0.0846	P	0.5
6	☐	1250.000	1266.459	4111148.44	0.1677	A	0.5
7	☐	2500.000	2500.433	8155373.79	0.3311	A	0.4
8	☐	5000.000	4993.763	16417758.35	0.6613	A	1.2
9	☐			2016.90	0.0001	P	2.5

$$y = 1.3243\text{E-}004 * x + 1.0746\text{E-}006$$

$$R = 1.0000$$

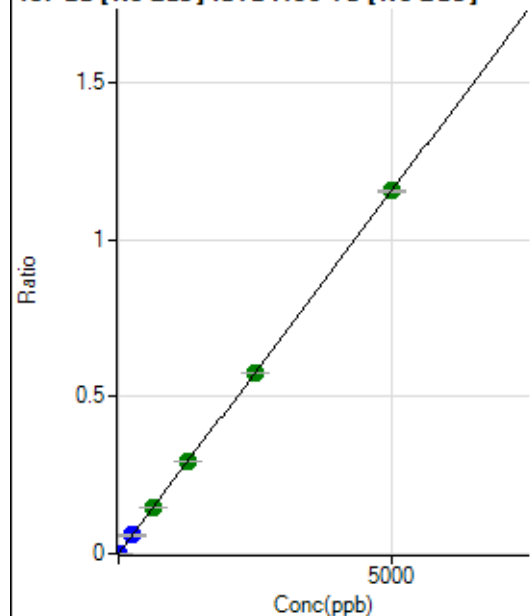
$$DL = 0.02811$$

$$BEC = 0.008115$$

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	47.22	0.0000	P	26.8
2	☐	1.000					
3	☐	10.000	9.941	54700.15	0.0023	P	1.4
4	☐	250.000	252.027	1448074.60	0.0582	P	2.4
5	☐	625.000	633.663	3585193.83	0.1463	A	0.1
6	☐	1250.000	1262.802	7147646.69	0.2916	A	0.4
7	☐	2500.000	2488.118	14150010.56	0.5745	A	0.7
8	☐	5000.000	5001.556	28671903.77	1.1549	A	0.4
9	☐			3436.69	0.0001	P	4.4

$$y = 2.3090\text{E-}004 * x + 2.0300\text{E-}006$$

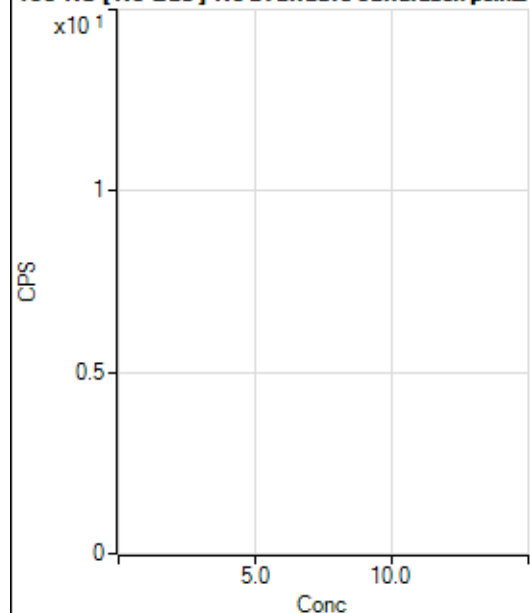
$$R = 1.0000$$

$$DL = 0.007066$$

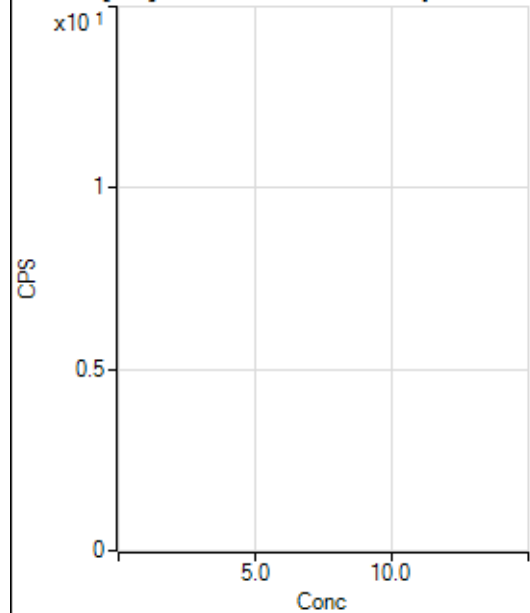
$$BEC = 0.008792$$

Weight: <None>

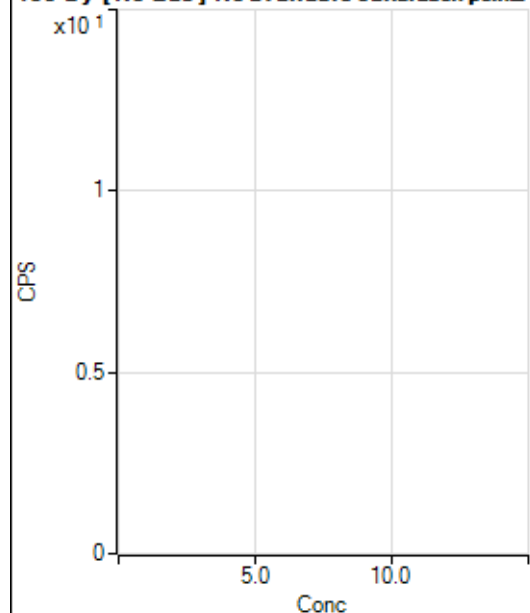
Min Conc: 0

150 Nd [No Gas] No available calibration points

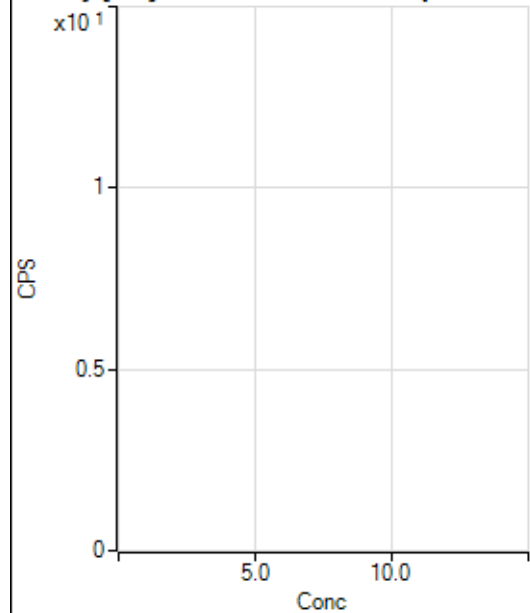
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			6.67		P	100.
4	☐			60.00		P	0.0
5	☐			142.23		P	16.5
6	☐			288.90		P	13.5
7	☐			606.70		P	14.4
8	☐			1022.30		P	5.3
9	☐			140.01		P	20.8

150 Nd [He] No available calibration points

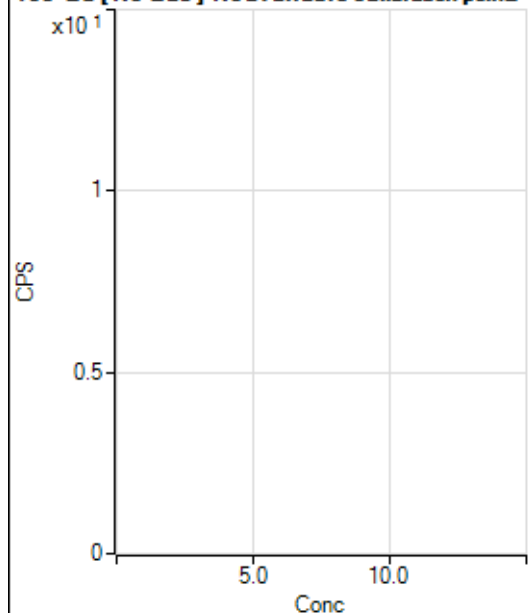
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			1.11		P	173.
4	☐			11.11		P	75.5
5	☐			16.67		P	40.0
6	☐			27.78		P	6.9
7	☐			46.67		P	43.4
8	☐			93.34		P	3.6
9	☐			71.11		P	5.4

156 Dy [No Gas] No available calibration points

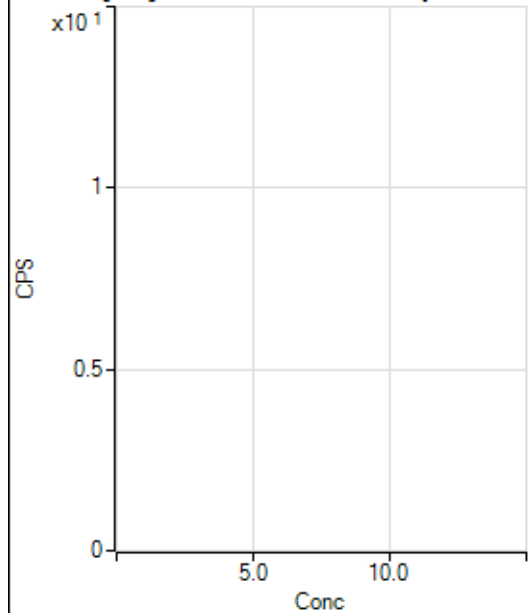
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			11.11		P	43.3
4	☐			50.00		P	44.1
5	☐			22.22		P	57.3
6	☐			102.78		P	9.4
7	☐			183.34		P	12.0
8	☐			319.46		P	8.0
9	☐			205.57		P	16.4

156 Dy [He] No available calibration points

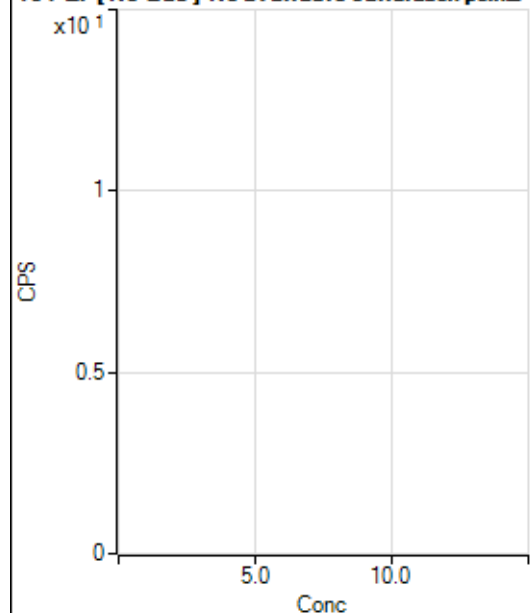
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.
2	☐						
3	☐			8.89		P	57.3
4	☐			21.11		P	55.4
5	☐			32.22		P	26.0
6	☐			62.22		P	25.3
7	☐			127.78		P	5.4
8	☐			237.78		P	6.3
9	☐			73.33		P	12.0

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

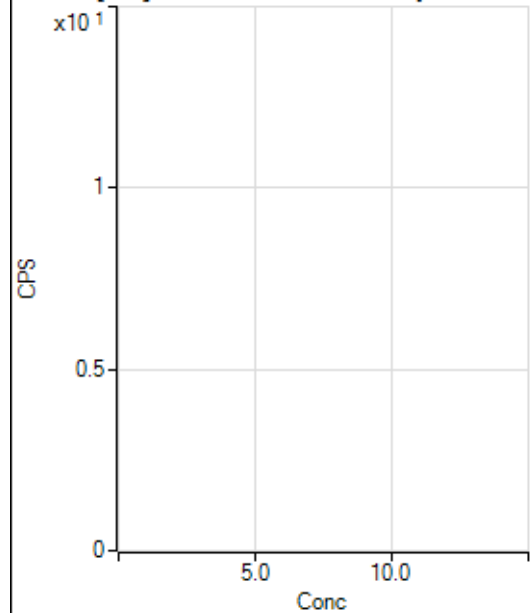
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			202.79		P	19.4
2	☐						
3	☐			227.79		P	11.2
4	☐			263.90		P	20.5
5	☐			291.68		P	10.3
6	☐			250.01		P	6.7
7	☐			244.46		P	16.8
8	☐			286.12		P	17.6
9	☐			350.02		P	13.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			377.79		P	8.0
2	☐						
3	☐			322.23		P	9.3
4	☐			328.90		P	4.1
5	☐			337.79		P	11.9
6	☐			323.34		P	15.9
7	☐			368.90		P	2.9
8	☐			412.23		P	6.8
9	☐			387.79		P	12.5

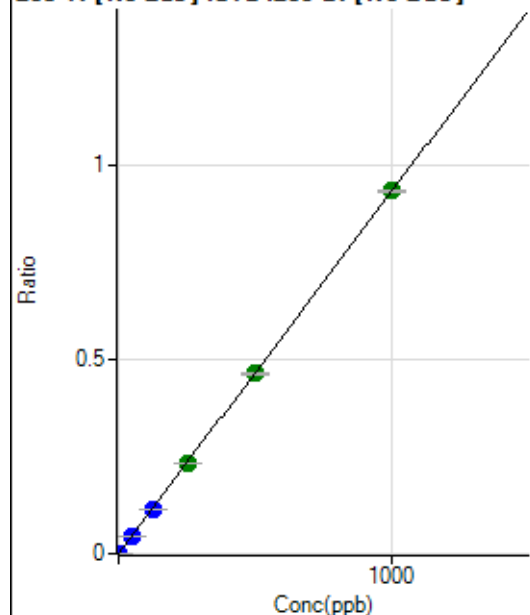
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	44.1
2	☐						
3	☐			116.67		P	39.8
4	☐			63.89		P	45.8
5	☐			80.56		P	26.0
6	☐			55.56		P	48.2
7	☐			119.45		P	46.5
8	☐			122.23		P	20.8
9	☐			100.00		P	14.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32.22		P	12.0
2	☐						
3	☐			47.78		P	22.4
4	☐			43.33		P	27.7
5	☐			32.22		P	6.0
6	☐			42.22		P	16.4
7	☐			37.78		P	18.4
8	☐			53.34		P	10.8
9	☐			48.89		P	17.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	69.45	0.0000	P	17.9
2	☐	0.100					
3	☐	1.000	0.966	13415.62	0.0009	P	3.7
4	☐	50.000	48.277	691056.12	0.0450	P	3.1
5	☐	125.000	122.878	1719790.27	0.1144	P	1.0
6	☐	250.000	248.747	3486044.87	0.2317	A	0.7
7	☐	500.000	497.419	6910707.62	0.4633	A	0.6
8	☐	1000.000	1001.955	13711537.11	0.9331	A	0.4
9	☐			4550.96	0.0004	P	9.8

$$y = 9.3132\text{E-}004 * x + 4.7455\text{E-}006$$

$$R = 1.0000$$

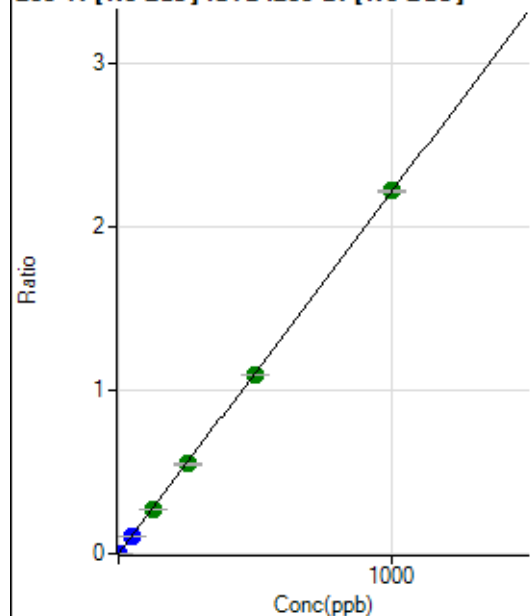
$$DL = 0.002741$$

$$BEC = 0.005095$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	138.90	0.0000	P	13.1
2	☐	0.100					
3	☐	1.000	0.977	32151.10	0.0022	P	2.0
4	☐	50.000	48.276	1638820.21	0.1067	P	4.2
5	☐	125.000	123.149	4088520.19	0.2721	A	1.1
6	☐	250.000	247.960	8243300.18	0.5478	A	0.8
7	☐	500.000	494.952	16311953.84	1.0935	A	0.3
8	☐	1000.000	1003.351	32571170.17	2.2167	A	0.6
9	☐			10802.00	0.0009	P	5.0

$$y = 0.0022 * x + 9.4891\text{E-}006$$

$$R = 1.0000$$

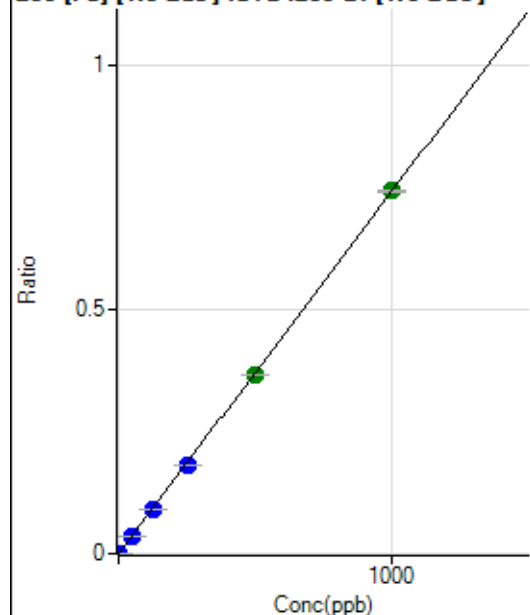
$$DL = 0.001694$$

$$BEC = 0.004295$$

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	283.34	0.0000	P	7.8
2	☐	0.100					
3	☐	1.000	0.987	11116.03	0.0007	P	3.0
4	☐	50.000	49.083	558090.62	0.0363	P	3.5
5	☐	125.000	124.130	1379767.38	0.0918	P	1.1
6	☐	250.000	245.004	2726788.28	0.1812	P	0.9
7	☐	500.000	496.606	5478908.51	0.3673	A	0.1
8	☐	1000.000	1003.101	10900690.17	0.7419	A	0.5
9	☐			16681.21	0.0013	P	0.3

$$y = 7.3954\text{E-}004 * x + 1.9378\text{E-}005$$

$$R = 1.0000$$

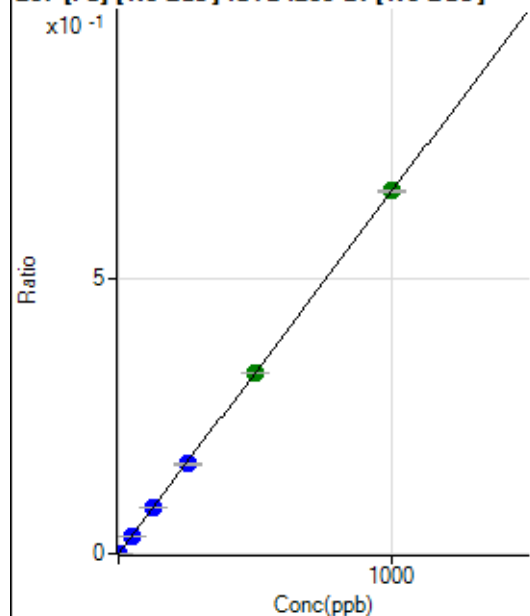
$$DL = 0.006119$$

$$BEC = 0.0262$$

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	270.38	0.0000	P	6.7
2	☐	0.100					
3	☐	1.000	0.958	9614.84	0.0006	P	1.5
4	☐	50.000	49.098	496433.22	0.0323	P	3.3
5	☐	125.000	125.084	1236373.39	0.0823	P	0.4
6	☐	250.000	247.363	2447952.40	0.1627	P	0.8
7	☐	500.000	497.499	4880496.23	0.3272	A	0.3
8	☐	1000.000	1001.944	9681483.78	0.6589	A	0.2
9	☐			13636.96	0.0011	P	0.9

$$y = 6.5758\text{E-}004 * x + 1.8491\text{E-}005$$

$$R = 1.0000$$

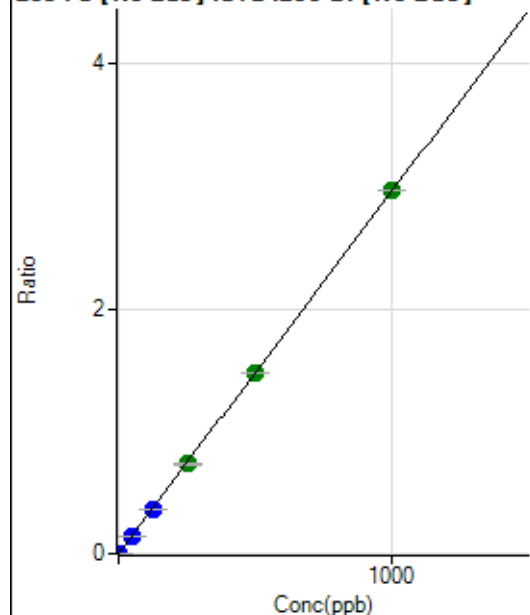
$$DL = 0.005688$$

$$BEC = 0.02812$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1170.42	0.0001	P	4.6
2	☐	0.100					
3	☐	1.000	0.975	43962.88	0.0030	P	1.1
4	☐	50.000	49.034	2230452.29	0.1451	P	3.2
5	☐	125.000	124.063	5516735.88	0.3671	P	0.6
6	☐	250.000	247.167	11004280.97	0.7313	A	0.4
7	☐	500.000	497.454	21954655.24	1.4717	A	0.2
8	☐	1000.000	1002.147	43564440.67	2.9648	A	0.1
9	☐			63710.75	0.0050	P	0.3

$$y = 0.0030 * x + 8.0035E-005$$

$$R = 1.0000$$

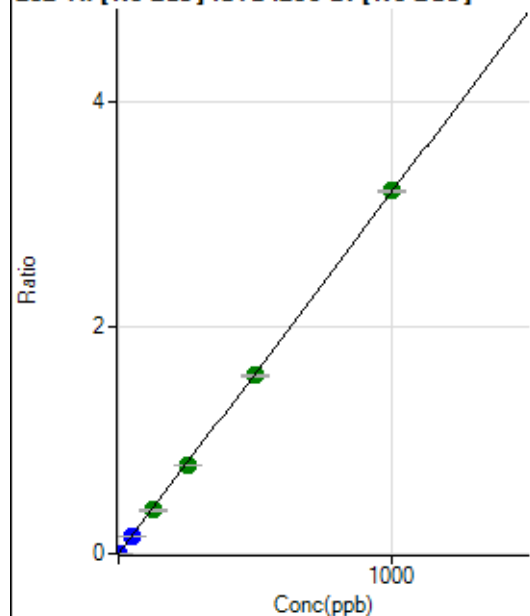
$$DL = 0.003745$$

$$BEC = 0.02705$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	159.27	0.0000	P	5.7
2	☐	0.100					
3	☐	1.000	0.949	45030.42	0.0030	P	1.1
4	☐	50.000	46.682	2288383.69	0.1489	P	3.4
5	☐	125.000	120.243	5763990.87	0.3836	A	1.1
6	☐	250.000	245.546	11786189.39	0.7833	A	0.3
7	☐	500.000	493.925	23503068.12	1.5755	A	0.5
8	☐	1000.000	1004.912	47100918.18	3.2055	A	0.3
9	☐			7548.75	0.0006	P	7.6

$$y = 0.0032 * x + 1.0890E-005$$

$$R = 1.0000$$

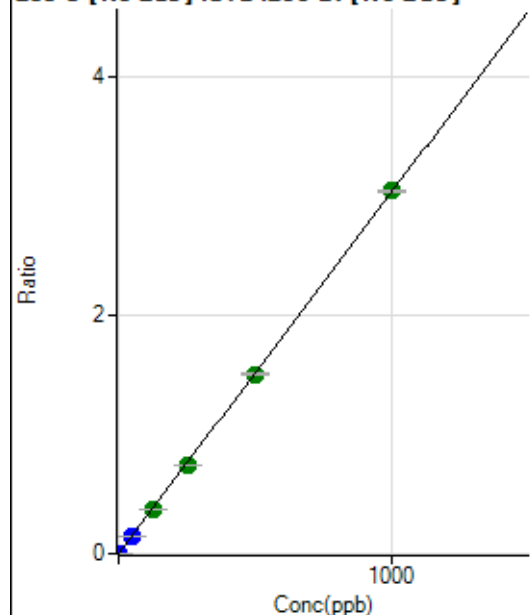
$$DL = 0.0005846$$

$$BEC = 0.003414$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	29.4
2	☐	0.100					
3	☐	1.000	0.969	43708.47	0.0029	P	1.1
4	☐	50.000	47.328	2208608.32	0.1437	P	3.3
5	☐	125.000	120.667	5506544.27	0.3664	A	1.0
6	☐	250.000	245.562	11220918.13	0.7457	A	0.2
7	☐	500.000	496.308	22482548.76	1.5071	A	0.8
8	☐	1000.000	1003.631	44782381.21	3.0477	A	0.7
9	☐			6223.98	0.0005	P	1.3

$$y = 0.0030 * x + 3.9945E-006$$

$$R = 1.0000$$

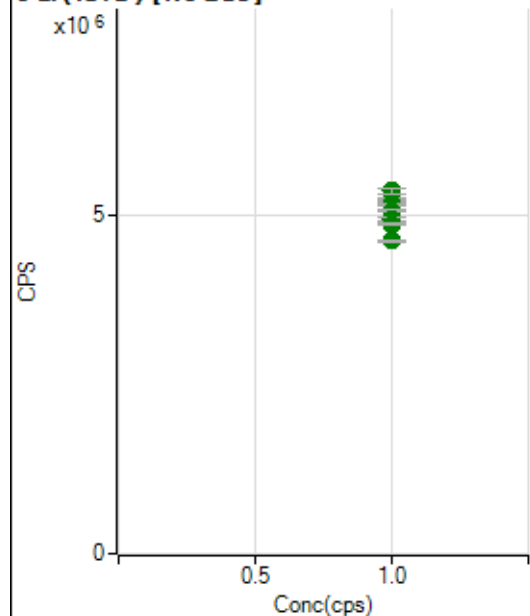
$$DL = 0.001158$$

$$BEC = 0.001315$$

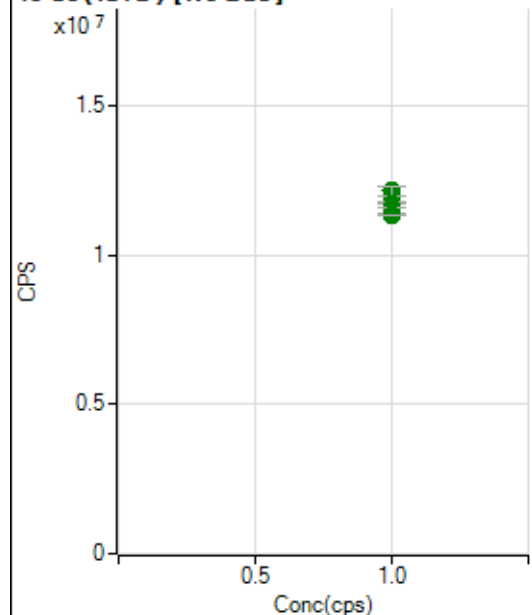
Weight: <None>

Min Conc: 0

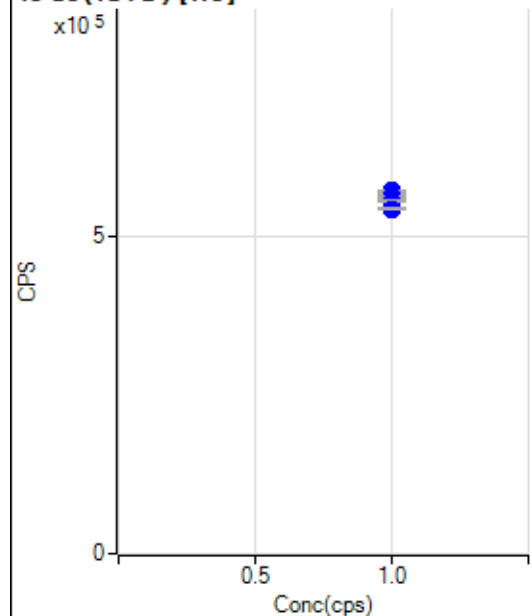
6 Li (ISTD) [No Gas]



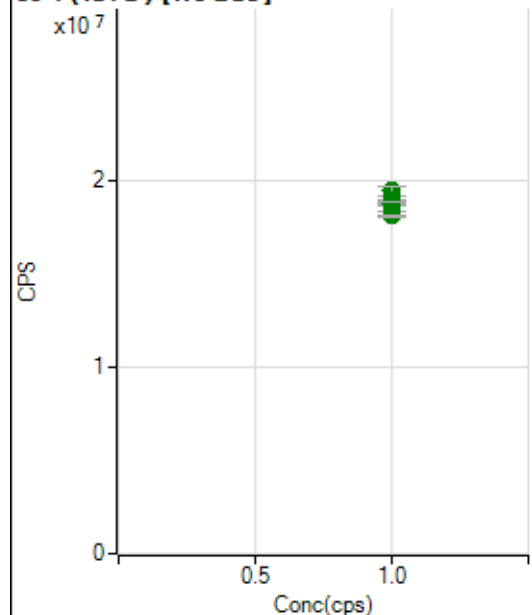
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5195412.88		A	0.2
2	☐	1.000					
3	☐	1.000		5228788.05		A	0.5
4	☐	1.000		5359135.30		A	1.5
5	☐	1.000		5156079.72		A	0.5
6	☐	1.000		5057883.29		A	0.5
7	☐	1.000		4948734.30		A	0.8
8	☐	1.000		4870310.87		A	0.3
9	☐	1.000		4628128.40		A	0.7

45 Sc (ISTD) [No Gas]

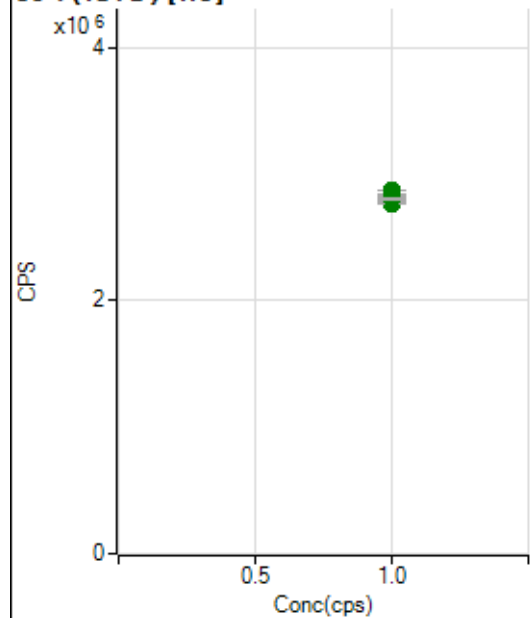
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11552982.64		A	0.0
2	☐	1.000					
3	☐	1.000		11766655.21		A	0.3
4	☐	1.000		12141276.22		A	2.6
5	☐	1.000		11744101.39		A	0.3
6	☐	1.000		11584874.30		A	0.2
7	☐	1.000		11359412.15		A	0.2
8	☐	1.000		11588897.31		A	0.5
9	☐	1.000		11336601.12		A	0.4

45 Sc (ISTD) [He]

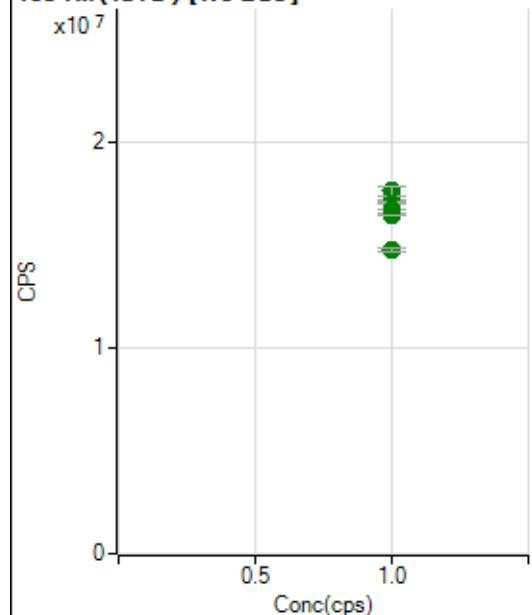
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		560470.35		P	0.5
2	☐	1.000					
3	☐	1.000		565606.56		P	0.9
4	☐	1.000		571814.41		P	0.5
5	☐	1.000		563371.35		P	0.3
6	☐	1.000		555588.24		P	0.5
7	☐	1.000		555501.71		P	0.8
8	☐	1.000		555783.92		P	0.1
9	☐	1.000		542909.68		P	0.5

89 Y (ISTD) [No Gas]

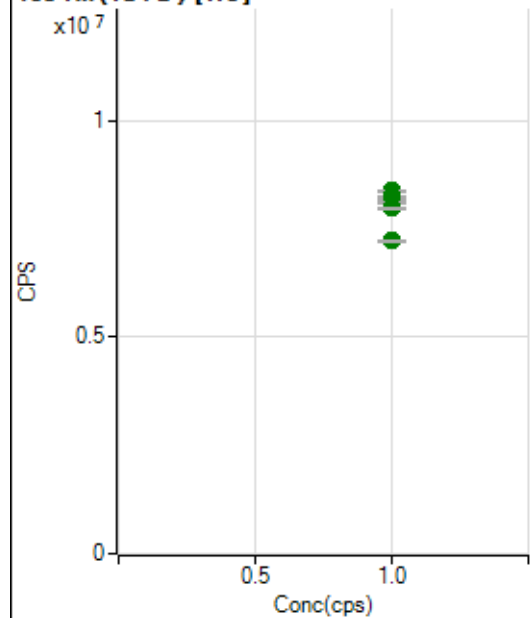
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18398110.97		A	0.2
2	☐	1.000					
3	☐	1.000		18778538.75		A	0.1
4	☐	1.000		19482377.77		A	2.4
5	☐	1.000		19015309.02		A	0.2
6	☐	1.000		18801521.53		A	0.8
7	☐	1.000		18708221.94		A	0.3
8	☐	1.000		18897380.69		A	0.2
9	☐	1.000		18133241.68		A	0.2

89 Y (ISTD) [He]

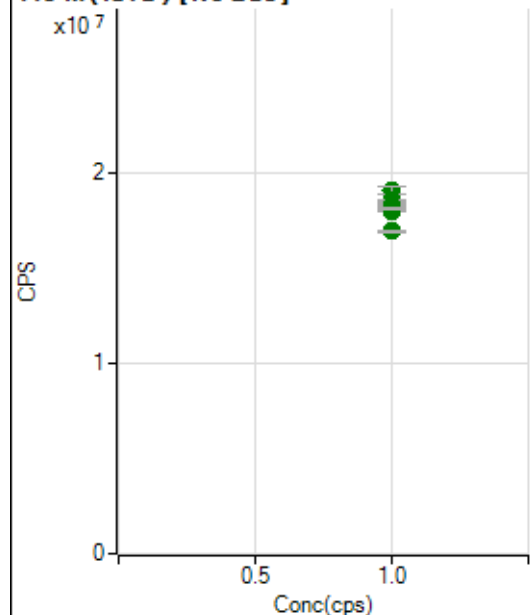
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2768203.26		A	0.4
2	☐	1.000					
3	☐	1.000		2836272.35		A	0.6
4	☐	1.000		2866521.31		A	0.1
5	☐	1.000		2842459.16		A	0.3
6	☐	1.000		2814501.45		A	0.5
7	☐	1.000		2818205.51		A	0.6
8	☐	1.000		2840123.99		A	0.3
9	☐	1.000		2804399.40		A	0.6

103 Rh (ISTD) [No Gas]

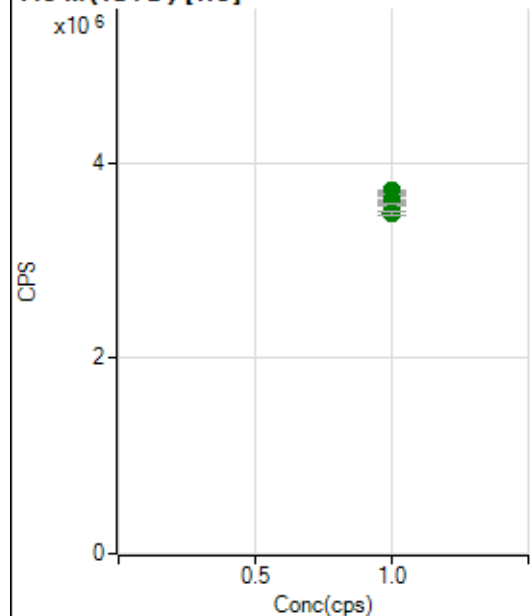
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16724772.25		A	0.3
2	☐	1.000					
3	☐	1.000		17144610.80		A	0.6
4	☐	1.000		17637219.66		A	2.7
5	☐	1.000		17054308.54		A	0.9
6	☐	1.000		16742253.32		A	0.3
7	☐	1.000		16512209.57		A	0.5
8	☐	1.000		16422664.60		A	0.2
9	☐	1.000		14766519.08		A	0.8

103 Rh (ISTD) [He]

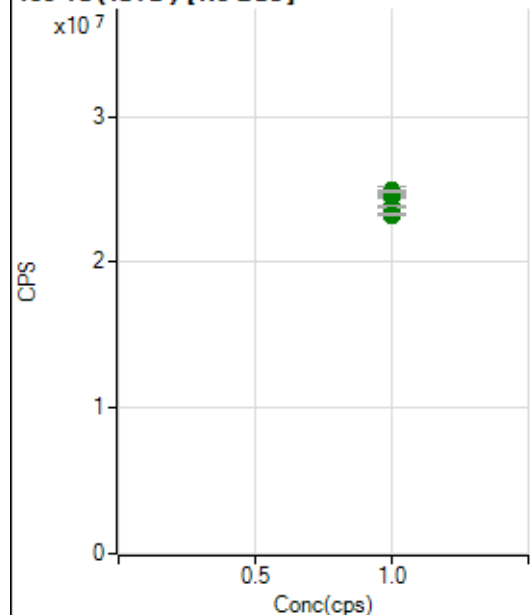
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8240797.17		A	0.2
2	☐	1.000					
3	☐	1.000		8347474.32		A	0.4
4	☐	1.000		8376439.46		A	0.1
5	☐	1.000		8243690.15		A	0.4
6	☐	1.000		8150534.60		A	0.3
7	☐	1.000		8090709.81		A	0.4
8	☐	1.000		7971013.84		A	0.3
9	☐	1.000		7216444.96		A	0.5

115 In (ISTD) [No Gas]

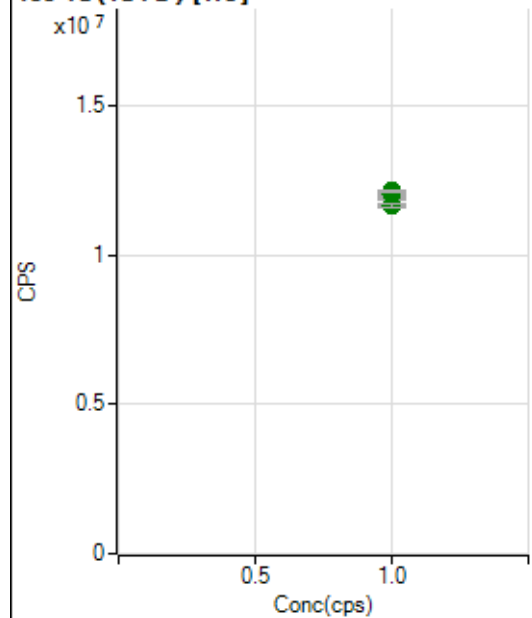
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17967912.24		A	0.0
2	☐	1.000					
3	☐	1.000		18485351.77		A	0.4
4	☐	1.000		19081111.47		A	2.3
5	☐	1.000		18565268.28		A	0.3
6	☐	1.000		18321352.83		A	0.2
7	☐	1.000		18157796.75		A	0.5
8	☐	1.000		18180829.58		A	0.6
9	☐	1.000		16944546.82		A	0.6

115 In (ISTD) [He]

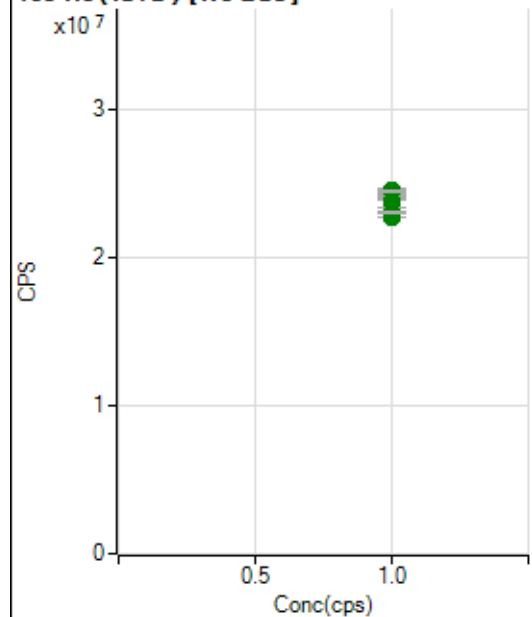
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3620349.39		A	0.5
2	☐	1.000					
3	☐	1.000		3696914.88		A	0.5
4	☐	1.000		3713330.57		A	0.5
5	☐	1.000		3671483.31		A	0.2
6	☐	1.000		3618617.80		A	0.4
7	☐	1.000		3596892.21		A	0.2
8	☐	1.000		3578537.58		A	0.5
9	☐	1.000		3486586.09		A	0.9

159 Tb (ISTD) [No Gas]

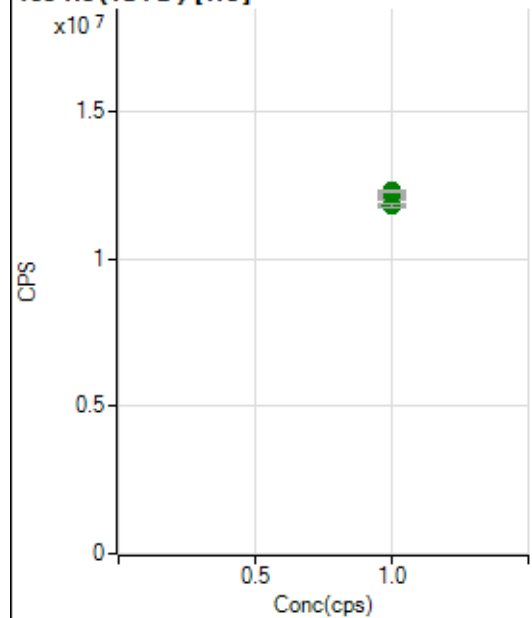
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23257728.54		A	0.5
2	☐	1.000					
3	☐	1.000		23808673.81		A	0.3
4	☐	1.000		24893407.68		A	2.7
5	☐	1.000		24502977.97		A	0.3
6	☐	1.000		24513113.80		A	0.4
7	☐	1.000		24629389.35		A	0.3
8	☐	1.000		24827205.74		A	0.6
9	☐	1.000		23275075.21		A	0.5

159 Tb (ISTD) [He]

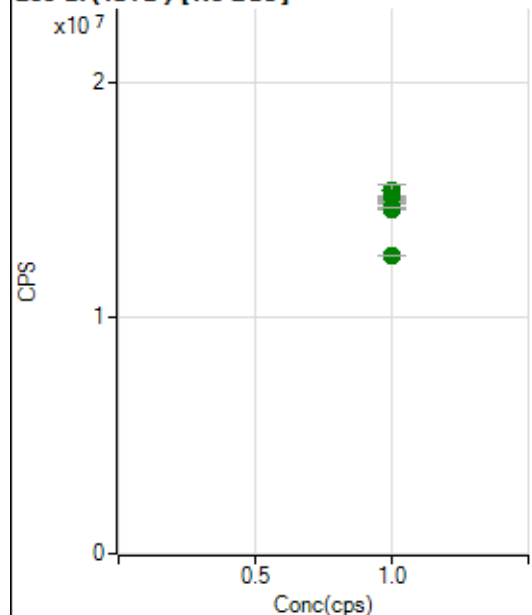
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11698917.74		A	0.6
2	☐	1.000					
3	☐	1.000		11905572.46		A	0.4
4	☐	1.000		12090315.51		A	0.2
5	☐	1.000		12070713.57		A	0.2
6	☐	1.000		12055114.40		A	0.6
7	☐	1.000		12165567.18		A	0.5
8	☐	1.000		12153043.29		A	0.4
9	☐	1.000		11685207.05		A	0.8

165 Ho (ISTD) [No Gas]

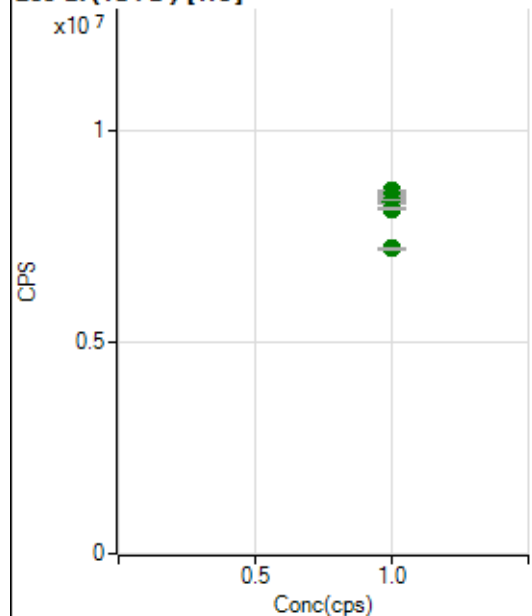
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22731919.61		A	0.5
2	☐	1.000					
3	☐	1.000		23370038.20		A	0.4
4	☐	1.000		24311238.74		A	2.5
5	☐	1.000		23918664.42		A	0.5
6	☐	1.000		24177180.40		A	0.4
7	☐	1.000		24221064.43		A	0.7
8	☐	1.000		24499997.77		A	0.8
9	☐	1.000		23021913.89		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11775119.96		A	0.3
2	☐	1.000					
3	☐	1.000		12016400.37		A	0.4
4	☐	1.000		12240102.31		A	0.5
5	☐	1.000		12189523.99		A	0.6
6	☐	1.000		12229670.51		A	0.5
7	☐	1.000		12267891.34		A	0.5
8	☐	1.000		12302359.40		A	0.5
9	☐	1.000		11814022.60		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14627560.89		A	0.8
2	☐	1.000					
3	☐	1.000		14827382.83		A	0.4
4	☐	1.000		15377944.35		A	3.2
5	☐	1.000		15028304.92		A	1.2
6	☐	1.000		15047596.03		A	0.2
7	☐	1.000		14917471.30		A	0.0
8	☐	1.000		14693797.28		A	0.1
9	☐	1.000		12647803.14		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8351013.63		A	0.7
2	☐	1.000					
3	☐	1.000		8477066.40		A	0.4
4	☐	1.000		8567547.23		A	0.2
5	☐	1.000		8456734.87		A	0.5
6	☐	1.000		8418753.49		A	0.5
7	☐	1.000		8303847.93		A	0.8
8	☐	1.000		8146999.05		A	0.4
9	☐	1.000		7206775.66		A	0.7

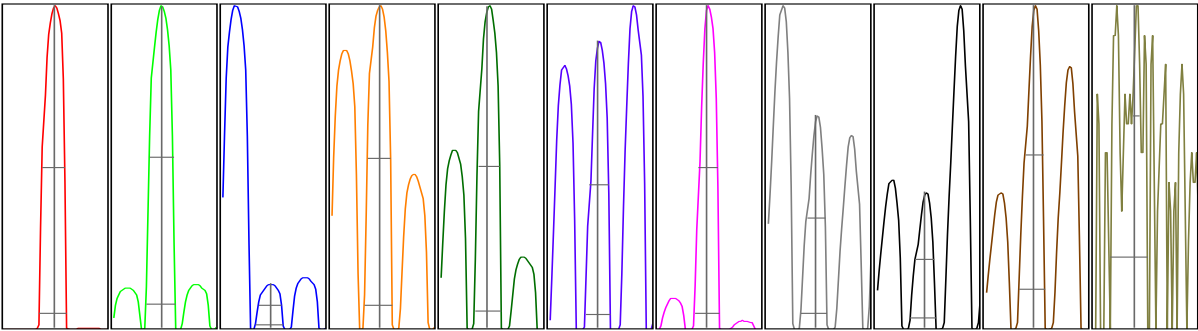
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7090418- MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	20402	0.56	5.00	
24	859179	0.54	5.00	
25	118694	0.57	5.00	
26	135928	0.37	5.00	
59	157146	0.25	5.00	
113	19784	0.43	5.00	
115	227068	0.22	5.00	
206	56967	0.59	5.00	
207	52447	0.62	5.00	
208	121128	0.68	5.00	
220	0	26.73		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	20294	20291	20383	20532	20508
24	852970	859616	857886	859576	865847
25	117584	119207	119076	119087	118514
26	135129	136032	135966	136511	136004
59	156755	156755	157425	157618	157180
113	19665	19782	19789	19905	19777
115	226559	227137	226681	227827	227137
206	56449	56909	56941	57257	57277
207	52069	52146	52765	52524	52728
208	120277	120609	120749	121822	122184
220	0	0	0	1	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	32491	9.00	8.9 - 9.1		0.788	0.900	
24	1313482	23.95	23.9 - 24.1		0.857	0.900	
25	182892	24.95	24.9 - 25.1		0.803	0.900	
26	211912	25.95	25.9 - 26.1		0.811	0.900	
59	257134	58.90	58.9 - 59.1		0.784	0.900	
113	37312	112.95	112.9 - 113.1		0.733	0.900	
115	434517	114.95	114.9 - 115.1		0.728	0.900	
206	109019	205.95	205.9 - 206.1		0.754	0.900	
207	99254	206.95	206.9 - 207.1		0.734	0.900	
208	235744	207.95	207.9 - 208.1		0.744	0.900	
220	1	219.70	-		1.069		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.1	V	Deflect	14.6	V
Extract 2	-135.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-65	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	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	41760	0.46	
89	71243	0.84	
205	48768	0.20	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	41563	41571	41876	41784	42009
89	70544	70660	71831	71696	71484
205	48726	48652	48924	48783	48756

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.9	V	Deflect	2.0	V
Extract 2	-125.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-60	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	200	V			

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:29:24	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	0.07	-0.09	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	-0.01	0.01	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	11-1	-0.05	-0.04	0.09	0.00	N/A	ppb
Boron	10-1	0.06	0.03	-0.09	0.00	N/A	ppb
Cadmium	106-1	0.30	-0.37	0.07	0.00	N/A	ppb
Cadmium	108-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.03	0.00	0.00	N/A	ppb
Calcium	43-1	0.54	-0.47	-0.07	0.00	N/A	ppb
Calcium	44-1	0.29	-0.89	0.60	0.00	N/A	ppb
Chromium	52-2	0.03	0.00	-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	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.06	-0.05	-0.01	0.00	N/A	ppb
Iron	57-2	-0.23	0.89	-0.66	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.03	0.03	0.00	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:29:24	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-6.25	-8.33	-2.84	-5.80		ppb
Potassium	39-2	2.46	-1.14	-1.32	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.09	0.18	-0.09	0.00	N/A	ppb
Selenium	78-2	-0.07	0.22	-0.15	0.00	N/A	ppb
Selenium	82-1	0.37	-0.02	-0.35	0.00	N/A	ppb
Silicon	28-1	0.18	0.09	-0.28	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.29	0.38	-0.08	0.00	N/A	ppb
Strontium	86-1	0.00	0.03	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	98.11	146.18	128.95	124.41	19.58	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.05	0.03	-0.08	0.00	N/A	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:29:24	DataFile Name :	004CALB.d

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

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:37:58	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.56	20.43	21.71	20.57	5.27	ppb
Antimony	121-1	1.97	2.01	2.00	1.99	1.21	ppb
Arsenic	75-2	0.95	0.98	0.92	0.95	3.40	ppb
Barium	135-1	9.86	10.14	9.87	9.96	1.59	ppb
Barium	137-1	10.01	10.04	9.78	9.94	1.39	ppb
Beryllium	9-1	1.01	0.97	0.94	0.98	3.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	11-1	23.08	23.90	23.97	23.65	2.08	ppb
Boron	10-1	25.49	23.78	25.41	24.89	3.88	ppb
Cadmium	106-1	0.69	-0.55	0.03	0.06	1069.62	ppb
Cadmium	108-1	1.13	0.89	0.95	0.99	12.99	ppb
Cadmium	111-1	1.05	0.93	0.98	0.99	5.87	ppb
Calcium	43-1	458.22	452.50	484.43	465.05	3.66	ppb
Calcium	44-1	459.69	464.36	461.52	461.85	0.51	ppb
Chromium	52-2	2.15	2.15	2.16	2.16	0.21	ppb
Cobalt	59-2	0.95	1.02	0.98	0.98	3.72	ppb
Copper	63-2	2.12	1.98	2.05	2.05	3.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	51.54	51.17	50.94	51.22	0.59	ppb
Iron	57-2	53.48	55.59	53.66	54.24	2.15	ppb
Lead	207-1	0.95	0.98	0.95	0.96	1.57	ppb
Lead	208-1	0.97	0.97	0.99	0.98	1.09	ppb
Lead	206-1	0.98	0.96	1.02	0.99	3.10	ppb
Lithium	6-1				101		%
Magnesium	24-2	502.77	511.36	498.10	504.07	1.34	ppb
Manganese	55-2	1.04	0.95	1.06	1.02	5.78	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:37:58	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4.88	4.90	4.87	4.88	0.26	ppb
Molybdenum	98-1	4.97	4.90	4.82	4.90	1.46	ppb
Molybdenum	94-1	4.88	5.05	4.85	4.93	2.16	ppb
Molybdenum	95-1	4.82	4.86	4.91	4.87	0.93	ppb
Molybdenum	96-1	4.85	4.78	4.78	4.80	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.14	1.09	1.08	5.15	ppb
Phosphorus	31-2	3.99	1.37	12.05	5.80	95.91	ppb
Potassium	39-2	478.74	473.08	468.94	473.59	1.04	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	3.96	6.37	5.78	5.37	23.46	ppb
Selenium	78-2	5.46	4.23	5.56	5.08	14.60	ppb
Selenium	82-1	5.31	4.89	4.93	5.05	4.56	ppb
Silicon	28-1	14.71	13.96	13.66	14.11	3.82	ppb
Silver	109-1	1.04	1.05	1.03	1.04	1.16	ppb
Silver	107-1	1.05	1.06	1.03	1.05	1.27	ppb
Sodium	23-2	492.75	496.00	492.61	493.79	0.39	ppb
Strontium	86-1	0.98	1.02	0.95	0.98	3.61	ppb
Strontium	88-1	0.97	0.99	1.00	0.98	1.53	ppb
Sulfur	34-1	-154.15	-150.32	-68.77	-124.41		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.92	0.98	0.99	0.97	3.76	ppb
Thallium	205-1	1.00	0.96	0.97	0.98	2.03	ppb
Thorium	232-1	0.96	0.94	0.95	0.95	1.10	ppb
Tin	118-1	5.09	4.95	5.15	5.06	1.99	ppb
Titanium	47-1	4.86	4.73	5.08	4.89	3.66	ppb
Uranium	238-1	0.98	0.97	0.96	0.97	1.12	ppb
Vanadium	51-2	4.70	4.76	4.71	4.72	0.63	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	1.88	2.21	1.91	2.00	9.07	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:37:58	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.99	0.99	1.01	1.00	1.12	ppb
Zirconium	91-1	1.02	0.97	0.93	0.97	4.43	ppb

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 11:41:51 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	994.05	994.15	977.62	988.61	0.96	ppb
Antimony	121-1	51.07	49.66	52.16	50.96	2.46	ppb
Arsenic	75-2	50.48	51.46	52.02	51.32	1.51	ppb
Barium	135-1	254.60	246.19	260.84	253.88	2.89	ppb
Barium	137-1	253.44	245.36	257.29	252.03	2.42	ppb
Beryllium	9-1	50.41	50.50	52.33	51.08	2.12	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	11-1	48.95	48.49	51.08	49.51	2.79	ppb
Boron	10-1	48.52	49.08	52.07	49.89	3.83	ppb
Cadmium	106-1	53.71	50.52	54.87	53.03	4.25	ppb
Cadmium	108-1	53.13	51.07	54.59	52.93	3.34	ppb
Cadmium	111-1	52.88	50.46	54.75	52.70	4.08	ppb
Calcium	43-1	4860.25	4797.46	5032.66	4896.79	2.49	ppb
Calcium	44-1	4817.49	4653.42	4914.61	4795.17	2.75	ppb
Chromium	52-2	50.94	50.20	50.38	50.51	0.77	ppb
Cobalt	59-2	51.59	51.81	51.21	51.54	0.58	ppb
Copper	63-2	105.81	105.77	105.29	105.63	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	2583.04	2570.10	2554.78	2569.31	0.55	ppb
Iron	57-2	2606.95	2644.49	2619.47	2623.64	0.73	ppb
Lead	207-1	49.39	47.36	50.55	49.10	3.29	ppb
Lead	208-1	49.30	47.33	50.47	49.03	3.24	ppb
Lead	206-1	49.46	47.20	50.58	49.08	3.51	ppb
Lithium	6-1				103		%
Magnesium	24-2	5249.41	5223.23	5161.59	5211.41	0.87	ppb
Manganese	55-2	102.43	102.34	101.39	102.05	0.57	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:41:51	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	246.19	237.38	252.66	245.41	3.12	ppb
Molybdenum	98-1	245.61	237.08	249.68	244.13	2.63	ppb
Molybdenum	94-1	247.39	238.01	249.24	244.88	2.46	ppb
Molybdenum	95-1	247.77	239.06	250.86	245.90	2.49	ppb
Molybdenum	96-1	244.98	238.55	251.61	245.05	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.58	53.26	52.70	53.51	1.80	ppb
Phosphorus	31-2	995.50	1060.09	1068.32	1041.30	3.83	ppb
Potassium	39-2	2476.86	2446.84	2451.84	2458.51	0.65	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	57.16	48.52	45.38	50.36	12.11	ppb
Selenium	78-2	53.30	55.57	52.25	53.71	3.16	ppb
Selenium	82-1	50.75	50.92	53.91	51.86	3.43	ppb
Silicon	28-1	56.63	53.48	59.69	56.60	5.49	ppb
Silver	109-1	53.13	51.88	54.38	53.13	2.35	ppb
Silver	107-1	53.28	50.96	54.39	52.87	3.31	ppb
Sodium	23-2	5145.54	5085.61	5059.88	5097.01	0.86	ppb
Strontium	86-1	49.30	48.37	51.46	49.71	3.20	ppb
Strontium	88-1	49.68	48.21	50.82	49.57	2.64	ppb
Sulfur	34-1	831.78	458.68	945.82	745.43	34.18	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	48.16	46.82	49.85	48.28	3.15	ppb
Thallium	205-1	48.56	46.11	50.16	48.28	4.23	ppb
Thorium	232-1	47.11	44.92	48.02	46.68	3.42	ppb
Tin	118-1	50.31	49.17	52.13	50.54	2.95	ppb
Titanium	47-1	247.03	235.80	251.04	244.62	3.23	ppb
Uranium	238-1	47.69	45.60	48.69	47.33	3.33	ppb
Vanadium	51-2	50.35	50.21	50.20	50.26	0.17	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	109.22	107.02	106.63	107.62	1.30	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:41:51	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	48.81	47.11	49.65	48.53	2.67	ppb
Zirconium	91-1	49.15	47.70	49.34	48.73	1.85	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:46:02	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2435.89	2463.13	2484.04	2461.02	0.98	ppb
Antimony	121-1	127.11	128.63	129.54	128.43	0.96	ppb
Arsenic	75-2	128.37	128.39	130.43	129.06	0.92	ppb
Barium	135-1	635.46	642.43	638.20	638.70	0.55	ppb
Barium	137-1	633.33	634.36	633.30	633.66	0.10	ppb
Beryllium	9-1	130.71	127.97	129.88	129.52	1.09	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	11-1	122.02	125.47	126.00	124.50	1.74	ppb
Boron	10-1	125.36	124.92	127.24	125.84	0.98	ppb
Cadmium	106-1	131.37	137.26	135.66	134.76	2.26	ppb
Cadmium	108-1	133.89	134.27	135.08	134.42	0.45	ppb
Cadmium	111-1	132.04	133.27	132.97	132.76	0.48	ppb
Calcium	43-1	12381.49	12495.62	12454.89	12444.00	0.46	ppb
Calcium	44-1	12314.61	12243.40	12256.35	12271.46	0.31	ppb
Chromium	52-2	125.65	127.43	125.79	126.29	0.78	ppb
Cobalt	59-2	128.04	128.18	127.98	128.07	0.08	ppb
Copper	63-2	260.45	262.26	260.97	261.22	0.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	6382.28	6467.67	6448.92	6432.95	0.70	ppb
Iron	57-2	6513.79	6539.47	6542.36	6531.87	0.24	ppb
Lead	207-1	125.48	125.26	124.51	125.08	0.40	ppb
Lead	208-1	124.81	123.93	123.45	124.06	0.56	ppb
Lead	206-1	125.64	123.51	123.24	124.13	1.06	ppb
Lithium	6-1				99		%
Magnesium	24-2	12944.32	12958.93	12882.27	12928.51	0.31	ppb
Manganese	55-2	252.09	254.95	253.16	253.40	0.57	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:46:02	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	617.94	614.69	618.06	616.90	0.31	ppb
Molybdenum	98-1	618.10	610.16	617.99	615.42	0.74	ppb
Molybdenum	94-1	615.77	621.88	623.06	620.24	0.63	ppb
Molybdenum	95-1	617.61	625.48	620.44	621.18	0.64	ppb
Molybdenum	96-1	614.36	617.05	618.37	616.60	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.23	132.16	131.44	131.61	0.37	ppb
Phosphorus	31-2	2599.25	2539.11	2617.40	2585.26	1.59	ppb
Potassium	39-2	6065.34	6112.31	6047.03	6074.89	0.55	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	122.84	128.76	131.13	127.58	3.35	ppb
Selenium	78-2	126.21	131.06	129.67	128.98	1.94	ppb
Selenium	82-1	130.47	131.73	131.44	131.21	0.50	ppb
Silicon	28-1	145.55	148.59	147.93	147.36	1.09	ppb
Silver	109-1	130.17	131.97	132.68	131.60	0.98	ppb
Silver	107-1	132.01	132.96	131.49	132.15	0.57	ppb
Sodium	23-2	12716.83	12771.92	12682.89	12723.88	0.35	ppb
Strontium	86-1	125.64	125.86	126.39	125.96	0.30	ppb
Strontium	88-1	124.90	125.25	125.24	125.13	0.16	ppb
Sulfur	34-1	2546.24	2578.18	2436.92	2520.45	2.94	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	123.85	123.29	121.49	122.88	1.00	ppb
Thallium	205-1	124.64	122.54	122.26	123.15	1.06	ppb
Thorium	232-1	120.94	121.12	118.67	120.24	1.13	ppb
Tin	118-1	126.87	127.12	126.92	126.97	0.10	ppb
Titanium	47-1	623.26	632.06	623.17	626.16	0.82	ppb
Uranium	238-1	121.32	121.44	119.24	120.67	1.02	ppb
Vanadium	51-2	125.16	126.40	125.59	125.72	0.50	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	264.92	269.51	268.21	267.55	0.89	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:46:02	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	124.16	124.72	123.93	124.27	0.33	ppb
Zirconium	91-1	123.77	124.94	125.16	124.62	0.60	ppb

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 11:49:49 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4866.66	4910.49	4888.13	4888.43	0.45	ppb
Antimony	121-1	255.57	252.82	253.98	254.12	0.54	ppb
Arsenic	75-2	257.75	258.60	254.20	256.85	0.91	ppb
Barium	135-1	1268.98	1258.72	1271.68	1266.46	0.54	ppb
Barium	137-1	1267.88	1258.45	1262.08	1262.80	0.38	ppb
Beryllium	9-1	251.13	253.45	254.04	252.87	0.61	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	11-1	244.35	247.89	254.11	248.78	1.99	ppb
Boron	10-1	240.56	247.28	252.76	246.87	2.48	ppb
Cadmium	106-1	266.01	259.19	260.23	261.81	1.40	ppb
Cadmium	108-1	264.69	256.86	260.85	260.80	1.50	ppb
Cadmium	111-1	259.50	261.73	258.92	260.05	0.57	ppb
Calcium	43-1	24855.38	24765.13	24769.73	24796.75	0.20	ppb
Calcium	44-1	24700.28	24586.50	24556.37	24614.38	0.31	ppb
Chromium	52-2	250.07	252.02	250.92	251.00	0.39	ppb
Cobalt	59-2	253.07	256.02	254.35	254.48	0.58	ppb
Copper	63-2	515.11	516.43	512.87	514.80	0.35	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				106		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	12876.11	12905.54	12857.23	12879.62	0.19	ppb
Iron	57-2	12988.43	13064.95	13047.81	13033.73	0.31	ppb
Lead	207-1	245.57	247.16	249.35	247.36	0.77	ppb
Lead	208-1	246.15	247.22	248.13	247.17	0.40	ppb
Lead	206-1	242.70	244.97	247.34	245.00	0.95	ppb
Lithium	6-1				97		%
Magnesium	24-2	25623.48	25954.22	25730.39	25769.36	0.65	ppb
Manganese	55-2	501.74	505.96	505.26	504.32	0.45	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:49:49	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1239.17	1263.66	1248.95	1250.59	0.99	ppb
Molybdenum	98-1	1241.56	1257.86	1250.04	1249.82	0.65	ppb
Molybdenum	94-1	1242.52	1259.02	1246.41	1249.32	0.69	ppb
Molybdenum	95-1	1244.82	1260.50	1256.61	1253.97	0.65	ppb
Molybdenum	96-1	1240.76	1258.96	1249.22	1249.65	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.79	262.66	259.60	261.02	0.59	ppb
Phosphorus	31-2	5207.67	5069.77	5015.02	5097.49	1.95	ppb
Potassium	39-2	11966.80	12093.68	12007.97	12022.82	0.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	267.71	248.56	247.08	254.45	4.52	ppb
Selenium	78-2	261.02	261.75	254.98	259.25	1.43	ppb
Selenium	82-1	257.03	263.14	263.18	261.11	1.36	ppb
Silicon	28-1	258.66	263.41	264.37	262.15	1.17	ppb
Silver	109-1	260.89	258.93	259.66	259.83	0.38	ppb
Silver	107-1	262.06	258.13	257.86	259.35	0.91	ppb
Sodium	23-2	25360.87	25683.70	25368.13	25470.90	0.72	ppb
Strontium	86-1	247.80	254.88	250.84	251.17	1.41	ppb
Strontium	88-1	249.12	252.99	249.69	250.60	0.83	ppb
Sulfur	34-1	4830.12	4682.78	4738.48	4750.46	1.57	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	247.89	247.62	250.73	248.75	0.69	ppb
Thallium	205-1	246.25	247.66	249.97	247.96	0.76	ppb
Thorium	232-1	244.76	246.37	245.50	245.55	0.33	ppb
Tin	118-1	249.58	250.06	250.05	249.90	0.11	ppb
Titanium	47-1	1242.66	1245.11	1242.01	1243.26	0.13	ppb
Uranium	238-1	245.92	244.86	245.91	245.56	0.25	ppb
Vanadium	51-2	251.07	251.28	250.68	251.01	0.12	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	531.21	535.02	525.21	530.48	0.93	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:49:49	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	251.01	251.37	249.55	250.65	0.39	ppb
Zirconium	91-1	248.22	251.04	247.99	249.08	0.68	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:53:34	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9739.87	9717.95	9585.34	9681.05	0.86	ppb
Antimony	121-1	500.01	505.72	502.59	502.77	0.57	ppb
Arsenic	75-2	501.22	508.62	501.67	503.84	0.82	ppb
Barium	135-1	2502.55	2509.39	2489.36	2500.43	0.41	ppb
Barium	137-1	2495.82	2500.26	2468.27	2488.12	0.70	ppb
Beryllium	9-1	491.68	501.17	498.27	497.04	0.98	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	483.44	503.70	510.72	499.29	2.84	ppb
Boron	10-1	485.83	505.86	507.26	499.65	2.40	ppb
Cadmium	106-1	509.34	510.72	509.81	509.96	0.14	ppb
Cadmium	108-1	501.75	502.85	509.73	504.77	0.86	ppb
Cadmium	111-1	500.21	501.51	497.94	499.89	0.36	ppb
Calcium	43-1	49329.49	48896.25	49120.34	49115.36	0.44	ppb
Calcium	44-1	48813.13	48776.72	49339.78	48976.54	0.64	ppb
Chromium	52-2	499.47	498.71	491.86	496.68	0.84	ppb
Cobalt	59-2	504.58	504.66	493.65	500.96	1.26	ppb
Copper	63-2	1006.60	1016.83	1005.00	1009.47	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	25604.05	25606.18	25176.16	25462.13	0.97	ppb
Iron	57-2	25783.23	25893.72	25530.05	25735.67	0.72	ppb
Lead	207-1	496.63	499.30	496.57	497.50	0.31	ppb
Lead	208-1	496.96	498.62	496.78	497.45	0.20	ppb
Lead	206-1	496.02	496.54	497.25	496.61	0.12	ppb
Lithium	6-1				95		%
Magnesium	24-2	51423.84	51370.29	50936.74	51243.63	0.52	ppb
Manganese	55-2	997.17	1000.47	985.50	994.38	0.79	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:53:34	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2496.12	2504.08	2485.19	2495.13	0.38	ppb
Molybdenum	98-1	2494.75	2496.57	2493.62	2494.98	0.06	ppb
Molybdenum	94-1	2490.07	2508.88	2482.19	2493.71	0.55	ppb
Molybdenum	95-1	2499.08	2491.55	2490.79	2493.81	0.18	ppb
Molybdenum	96-1	2499.83	2491.27	2484.61	2491.91	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.00	512.72	504.69	508.14	0.81	ppb
Phosphorus	31-2	10125.17	10142.66	10037.66	10101.83	0.56	ppb
Potassium	39-2	24083.98	23997.73	23831.39	23971.03	0.54	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	504.23	515.67	497.32	505.74	1.83	ppb
Selenium	78-2	510.24	512.45	503.70	508.80	0.89	ppb
Selenium	82-1	508.50	511.48	510.96	510.31	0.31	ppb
Silicon	28-1	527.10	531.72	536.48	531.77	0.88	ppb
Silver	109-1	504.35	504.89	501.83	503.69	0.32	ppb
Silver	107-1	501.94	507.72	505.55	505.07	0.58	ppb
Sodium	23-2	50632.72	50986.94	50274.02	50631.23	0.70	ppb
Strontium	86-1	495.79	499.38	496.23	497.13	0.39	ppb
Strontium	88-1	497.18	497.47	497.00	497.21	0.05	ppb
Sulfur	34-1	10071.08	9998.99	9725.80	9931.96	1.83	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	500.71	494.35	497.20	497.42	0.64	ppb
Thallium	205-1	495.66	495.89	493.31	494.95	0.29	ppb
Thorium	232-1	496.82	491.56	493.39	493.92	0.54	ppb
Tin	118-1	500.13	500.60	498.66	499.79	0.20	ppb
Titanium	47-1	2504.23	2510.89	2493.43	2502.85	0.35	ppb
Uranium	238-1	500.08	496.77	492.08	496.31	0.81	ppb
Vanadium	51-2	500.85	502.41	494.27	499.17	0.87	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	1024.99	1035.90	1019.04	1026.64	0.83	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:53:34	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.88	499.53	498.00	498.81	0.15	ppb
Zirconium	91-1	489.47	495.67	493.17	492.77	0.63	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:57:19	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19496.83	19392.78	19357.64	19415.75	0.37	ppb
Antimony	121-1	1005.31	996.40	989.61	997.11	0.79	ppb
Arsenic	75-2	994.41	994.18	998.79	995.80	0.26	ppb
Barium	135-1	5045.36	5008.31	4927.62	4993.76	1.21	ppb
Barium	137-1	5027.03	4990.16	4987.47	5001.56	0.44	ppb
Beryllium	9-1	999.12	1001.27	1000.03	1000.14	0.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	11-1	977.78	990.37	1034.19	1000.78	2.96	ppb
Boron	10-1	988.26	1000.89	1013.43	1000.86	1.26	ppb
Cadmium	106-1	987.47	985.81	998.82	990.70	0.71	ppb
Cadmium	108-1	994.79	986.76	999.22	993.59	0.64	ppb
Cadmium	111-1	995.58	998.92	994.82	996.44	0.22	ppb
Calcium	43-1	98204.29	99045.10	97639.89	98296.43	0.72	ppb
Calcium	44-1	97590.11	98326.72	97188.45	97701.76	0.59	ppb
Chromium	52-2	999.83	1000.19	1003.65	1001.22	0.21	ppb
Cobalt	59-2	994.82	994.41	1004.58	997.94	0.58	ppb
Copper	63-2	1978.78	1996.57	1994.29	1989.88	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	50907.71	51280.19	50919.21	51035.71	0.42	ppb
Iron	57-2	50808.76	51394.30	51734.99	51312.68	0.91	ppb
Lead	207-1	1000.95	1000.72	1004.16	1001.94	0.19	ppb
Lead	208-1	1003.35	1000.88	1002.21	1002.15	0.12	ppb
Lead	206-1	1002.10	1008.19	999.01	1003.10	0.47	ppb
Lithium	6-1				94		%
Magnesium	24-2	102728.62	101573.83	101908.88	102070.44	0.58	ppb
Manganese	55-2	1994.21	2010.59	1998.82	2001.20	0.42	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:57:19	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4987.29	5006.44	5016.86	5003.53	0.30	ppb
Molybdenum	98-1	4984.01	5008.73	5019.40	5004.05	0.36	ppb
Molybdenum	94-1	4992.73	4993.55	5026.22	5004.17	0.38	ppb
Molybdenum	95-1	4988.49	4979.66	5040.20	5002.79	0.65	ppb
Molybdenum	96-1	4973.06	5005.71	5037.52	5005.43	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.06	997.31	989.16	992.18	0.45	ppb
Phosphorus	31-2	19999.14	19903.36	19833.47	19911.99	0.42	ppb
Potassium	39-2	48217.49	48453.70	47922.11	48197.77	0.55	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	1006.35	985.76	994.92	995.68	1.04	ppb
Selenium	78-2	994.24	993.09	990.49	992.61	0.19	ppb
Selenium	82-1	981.24	993.24	999.11	991.20	0.92	ppb
Silicon	28-1	975.95	976.64	981.15	977.91	0.29	ppb
Silver	109-1	999.45	990.41	994.30	994.72	0.46	ppb
Silver	107-1	994.31	988.94	999.02	994.09	0.51	ppb
Sodium	23-2	100870.14	101530.77	100473.24	100958.05	0.53	ppb
Strontium	86-1	999.16	1008.17	995.78	1001.03	0.64	ppb
Strontium	88-1	998.76	1008.92	996.06	1001.25	0.68	ppb
Sulfur	34-1	20177.15	20125.31	20017.27	20106.58	0.41	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	997.00	1004.07	1004.79	1001.95	0.43	ppb
Thallium	205-1	998.88	1010.82	1000.36	1003.35	0.65	ppb
Thorium	232-1	1007.28	1005.43	1002.02	1004.91	0.27	ppb
Tin	118-1	1008.66	992.00	998.90	999.85	0.84	ppb
Titanium	47-1	5010.91	4990.86	4999.38	5000.38	0.20	ppb
Uranium	238-1	1002.99	997.12	1010.78	1003.63	0.68	ppb
Vanadium	51-2	1000.29	1001.80	998.08	1000.06	0.19	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	1974.28	1974.76	1980.41	1976.48	0.17	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:57:19	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1002.77	994.56	1004.47	1000.60	0.53	ppb
Zirconium	91-1	1008.74	995.55	1007.58	1003.95	0.73	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:01:08	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99720.43	99901.63	100844.18	100155.41	0.60	ppb
Antimony	121-1	1.58	1.57	1.56	1.57	0.71	ppb
Arsenic	75-2	1.56	1.37	1.36	1.43	7.76	ppb
Barium	135-1	0.67	0.64	0.64	0.65	2.53	ppb
Barium	137-1	0.66	0.63	0.60	0.63	4.44	ppb
Beryllium	9-1	0.13	0.10	0.14	0.12	15.89	ppb
Bismuth	209-1				86		%
Bismuth	209-2				86		%
Boron	11-1	30.63	27.95	24.84	27.80	10.42	ppb
Boron	10-1	32.65	26.97	23.86	27.83	16.01	ppb
Cadmium	106-1	-1.58	-1.71	-2.09	-1.79		ppb
Cadmium	108-1	0.23	0.29	0.36	0.29	23.00	ppb
Cadmium	111-1	0.02	0.04	-0.03	0.01	454.24	ppb
Calcium	43-1	503824.36	500259.93	497241.14	500441.81	0.66	ppb
Calcium	44-1	501986.93	498455.99	501324.30	500589.07	0.37	ppb
Chromium	52-2	31.72	31.90	31.48	31.70	0.66	ppb
Cobalt	59-2	12.05	11.88	11.92	11.95	0.75	ppb
Copper	63-2	4.23	4.31	4.21	4.25	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				101		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	56-2	249691.97	249805.60	249669.63	249722.40	0.03	ppb
Iron	57-2	248554.22	250046.38	250286.18	249628.93	0.38	ppb
Lead	207-1	1.59	1.62	1.62	1.61	0.91	ppb
Lead	208-1	1.67	1.67	1.68	1.68	0.28	ppb
Lead	206-1	1.76	1.76	1.75	1.76	0.29	ppb
Lithium	6-1				89		%
Magnesium	24-2	496582.25	497875.13	503773.37	499410.25	0.77	ppb
Manganese	55-2	8.78	8.67	8.69	8.72	0.68	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:01:08	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	7.65	7.28	7.30	7.41	2.82	ppb
Molybdenum	98-1	7.72	7.25	7.04	7.34	4.73	ppb
Molybdenum	94-1	5.53	5.36	5.22	5.37	2.90	ppb
Molybdenum	95-1	7.81	7.55	7.17	7.51	4.28	ppb
Molybdenum	96-1	9.25	8.63	8.47	8.78	4.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.44	27.65	27.39	27.49	0.50	ppb
Phosphorus	31-2	14.74	-9.33	5.54	3.65	332.50	ppb
Potassium	39-2	250002.62	249534.09	251939.43	250492.05	0.51	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	0.18	0.18	-0.09	0.09	175.05	ppb
Selenium	78-2	0.06	0.42	0.53	0.34	73.45	ppb
Selenium	82-1	0.84	0.62	0.74	0.73	14.94	ppb
Silicon	28-1	88.87	91.55	95.79	92.07	3.79	ppb
Silver	109-1	0.08	0.09	0.06	0.08	14.82	ppb
Silver	107-1	0.08	0.08	0.08	0.08	5.31	ppb
Sodium	23-2	501194.73	497900.80	500049.96	499715.16	0.33	ppb
Strontium	86-1	4.69	4.83	5.00	4.84	3.16	ppb
Strontium	88-1	4.72	4.86	4.80	4.79	1.43	ppb
Sulfur	34-1	-1740.09	-1825.54	-1680.61	-1748.75		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.41	0.40	0.34	0.38	9.92	ppb
Thallium	205-1	0.39	0.39	0.36	0.38	5.05	ppb
Thorium	232-1	0.20	0.18	0.17	0.18	7.74	ppb
Tin	118-1	0.75	0.71	0.69	0.71	4.47	ppb
Titanium	47-1	0.95	0.86	8.73	3.51	128.60	ppb
Uranium	238-1	0.16	0.16	0.16	0.16	1.33	ppb
Vanadium	51-2	0.38	0.42	0.34	0.38	9.98	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	8.74	8.92	9.00	8.89	1.49	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:01:08	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.15	0.13	0.13	9.26	ppb
Zirconium	91-1	0.12	0.16	0.15	0.14	15.08	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:22:42	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	493.09	496.88	496.35	495.44	0.41	ppb
Antimony	121-1	193.76	194.43	191.03	193.07	0.93	ppb
Arsenic	75-2	197.94	197.49	199.38	198.27	0.50	ppb
Barium	135-1	100.06	100.65	98.61	99.77	1.06	ppb
Barium	137-1	100.26	100.74	99.13	100.04	0.83	ppb
Beryllium	9-1	99.78	98.35	97.18	98.44	1.32	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	11-1	502.91	515.48	515.69	511.36	1.43	ppb
Boron	10-1	511.82	515.45	521.42	516.23	0.94	ppb
Cadmium	106-1	180.95	179.71	177.74	179.47	0.90	ppb
Cadmium	108-1	146.53	146.94	144.10	145.86	1.06	ppb
Cadmium	111-1	106.31	106.78	105.76	106.28	0.48	ppb
Calcium	43-1	2195.81	2214.32	2194.66	2201.60	0.50	ppb
Calcium	44-1	2016.39	1996.93	1990.52	2001.28	0.67	ppb
Chromium	52-2	93.32	94.93	94.60	94.28	0.90	ppb
Cobalt	59-2	97.45	98.10	98.32	97.96	0.46	ppb
Copper	63-2	99.85	100.96	101.94	100.92	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	982.63	995.90	991.88	990.14	0.69	ppb
Iron	57-2	1010.69	1014.96	1003.12	1009.59	0.59	ppb
Lead	207-1	185.79	186.95	185.29	186.01	0.46	ppb
Lead	208-1	191.03	189.58	189.20	189.94	0.51	ppb
Lead	206-1	192.38	191.49	192.48	192.12	0.28	ppb
Lithium	6-1				99		%
Magnesium	24-2	1172.14	1183.07	1178.89	1178.03	0.47	ppb
Manganese	55-2	94.32	95.31	94.67	94.77	0.53	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:22:42	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	515.99	519.11	517.64	517.58	0.30	ppb
Molybdenum	98-1	528.29	522.85	517.82	522.98	1.00	ppb
Molybdenum	94-1	1151.98	1145.68	1138.29	1145.32	0.60	ppb
Molybdenum	95-1	527.04	527.61	526.15	526.93	0.14	ppb
Molybdenum	96-1	600.42	600.37	598.32	599.70	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.07	101.22	101.17	100.82	0.65	ppb
Phosphorus	31-2	-13.74	-30.49	-4.92	-16.38		ppb
Potassium	39-2	1868.66	1884.63	1882.24	1878.51	0.46	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				107		%
Selenium	77-2	201.34	205.66	207.00	204.67	1.45	ppb
Selenium	78-2	207.62	203.36	203.14	204.70	1.23	ppb
Selenium	82-1	203.95	202.89	202.36	203.06	0.40	ppb
Silicon	28-1	-0.81	-0.36	-0.75	-0.64		ppb
Silver	109-1	99.38	100.69	98.13	99.40	1.29	ppb
Silver	107-1	101.14	101.46	100.26	100.95	0.62	ppb
Sodium	23-2	1918.16	1932.47	1928.07	1926.23	0.38	ppb
Strontium	86-1	511.35	510.03	509.27	510.21	0.21	ppb
Strontium	88-1	516.93	511.93	509.07	512.64	0.78	ppb
Sulfur	34-1	-1427.57	-1500.79	-1631.65	-1520.00		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	191.37	189.81	189.50	190.22	0.53	ppb
Thallium	205-1	195.47	193.96	192.62	194.02	0.73	ppb
Thorium	232-1	515.38	514.84	511.01	513.74	0.46	ppb
Tin	118-1	534.45	528.54	525.55	529.51	0.86	ppb
Titanium	47-1	516.09	513.74	512.84	514.22	0.33	ppb
Uranium	238-1	502.57	496.45	499.28	499.43	0.61	ppb
Vanadium	51-2	94.00	95.87	94.81	94.89	0.99	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	204.06	206.51	204.67	205.08	0.62	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:22:42	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	517.95	510.54	505.70	511.40	1.21	ppb
Zirconium	91-1	519.05	511.47	509.83	513.45	0.96	ppb

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 12:38:07 DataFile Name : 015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.00	21.53	19.03	20.52	6.43	ppb
Antimony	121-1	2.02	1.98	2.05	2.02	1.69	ppb
Arsenic	75-2	1.04	1.12	1.11	1.09	3.90	ppb
Barium	135-1	10.14	10.16	10.09	10.13	0.40	ppb
Barium	137-1	10.09	10.12	10.14	10.12	0.28	ppb
Beryllium	9-1	0.95	1.03	1.09	1.02	6.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	11-1	28.14	27.85	28.79	28.26	1.70	ppb
Boron	10-1	26.86	28.11	28.55	27.84	3.14	ppb
Cadmium	106-1	-0.34	-3.22	-2.42	-1.99		ppb
Cadmium	108-1	1.03	1.26	1.14	1.14	9.72	ppb
Cadmium	111-1	0.99	0.76	0.83	0.86	14.08	ppb
Calcium	43-1	499.66	484.60	494.52	492.93	1.55	ppb
Calcium	44-1	475.91	468.37	473.87	472.72	0.83	ppb
Chromium	52-2	2.09	2.11	2.13	2.11	0.99	ppb
Cobalt	59-2	0.99	1.04	1.00	1.01	2.74	ppb
Copper	63-2	2.08	2.15	2.15	2.13	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	56-2	52.80	52.75	52.34	52.63	0.49	ppb
Iron	57-2	57.79	57.04	53.92	56.25	3.65	ppb
Lead	207-1	0.99	1.01	1.03	1.01	1.90	ppb
Lead	208-1	1.00	1.00	1.02	1.00	1.11	ppb
Lead	206-1	1.01	0.99	1.02	1.00	1.53	ppb
Lithium	6-1				100		%
Magnesium	24-2	503.06	505.97	511.55	506.86	0.85	ppb
Manganese	55-2	1.04	1.03	0.99	1.02	2.52	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:38:07	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4.96	4.95	4.94	4.95	0.15	ppb
Molybdenum	98-1	4.99	4.97	5.05	5.00	0.88	ppb
Molybdenum	94-1	5.10	5.20	5.11	5.14	1.06	ppb
Molybdenum	95-1	5.03	5.09	4.96	5.03	1.35	ppb
Molybdenum	96-1	5.16	5.02	5.07	5.09	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.13	1.10	1.10	2.36	ppb
Phosphorus	31-2	-21.50	5.59	-17.62	-11.18		ppb
Potassium	39-2	496.97	491.30	501.08	496.45	0.99	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	77-2	6.38	4.87	4.39	5.21	19.90	ppb
Selenium	78-2	5.71	5.14	4.54	5.13	11.33	ppb
Selenium	82-1	5.29	5.25	5.11	5.22	1.80	ppb
Silicon	28-1	11.70	11.77	12.40	11.95	3.22	ppb
Silver	109-1	1.02	1.06	1.08	1.05	2.61	ppb
Silver	107-1	1.06	1.07	1.06	1.06	0.66	ppb
Sodium	23-2	505.17	499.59	505.99	503.58	0.69	ppb
Strontium	86-1	1.00	1.00	0.93	0.97	4.28	ppb
Strontium	88-1	0.99	1.00	1.02	1.01	1.86	ppb
Sulfur	34-1	-756.11	-798.46	-910.28	-821.62		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.98	0.97	1.00	0.98	1.54	ppb
Thallium	205-1	0.99	0.97	1.00	0.98	1.65	ppb
Thorium	232-1	0.95	0.95	0.97	0.96	0.91	ppb
Tin	118-1	5.18	5.04	5.14	5.12	1.48	ppb
Titanium	47-1	5.16	5.16	4.88	5.06	3.21	ppb
Uranium	238-1	0.98	0.96	0.96	0.97	0.98	ppb
Vanadium	51-2	4.90	4.85	4.87	4.87	0.60	ppb
Yttrium	89-1				109		%
Yttrium	89-2				111		%
Zinc	66-2	2.03	2.33	2.21	2.19	6.96	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:38:07	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.05	1.08	1.03	1.05	2.63	ppb
Zirconium	91-1	1.09	1.11	1.04	1.08	3.40	ppb

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 12:41:42 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	0.39	0.24	0.27	38.08	ppb
Antimony	121-1	0.02	0.02	0.04	0.03	37.70	ppb
Arsenic	75-2	0.02	0.00	0.00	0.01	159.13	ppb
Barium	135-1	0.00	0.00	0.02	0.01	157.34	ppb
Barium	137-1	0.00	0.00	0.01	0.00	400.60	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	44.98	ppb
Bismuth	209-1				95		%
Bismuth	209-2				103		%
Boron	11-1	4.02	3.78	4.47	4.09	8.61	ppb
Boron	10-1	3.65	3.76	4.09	3.83	6.02	ppb
Cadmium	106-1	-4.26	-2.58	-3.00	-3.28		ppb
Cadmium	108-1	0.01	0.04	0.04	0.03	70.78	ppb
Cadmium	111-1	-0.31	-0.19	-0.23	-0.24		ppb
Calcium	43-1	0.95	-0.19	2.30	1.02	121.98	ppb
Calcium	44-1	-0.73	-0.99	3.41	0.56	438.29	ppb
Chromium	52-2	0.03	0.01	0.01	0.02	68.94	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	58.03	ppb
Copper	63-2	0.03	0.00	0.01	0.01	127.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				110		%
Iron	56-2	0.26	0.26	0.31	0.28	9.04	ppb
Iron	57-2	1.55	1.13	0.82	1.17	31.38	ppb
Lead	207-1	0.02	0.01	0.01	0.01	45.81	ppb
Lead	208-1	0.01	0.01	0.02	0.01	34.56	ppb
Lead	206-1	0.01	0.01	0.02	0.01	26.06	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.36	0.54	0.51	0.47	20.60	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	88.55	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:41:42	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.06	0.07	0.10	0.08	29.55	ppb
Molybdenum	98-1	0.06	0.06	0.09	0.07	26.42	ppb
Molybdenum	94-1	0.07	0.07	0.11	0.08	23.71	ppb
Molybdenum	95-1	0.07	0.05	0.08	0.07	21.80	ppb
Molybdenum	96-1	0.07	0.08	0.10	0.08	18.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	148.00	ppb
Phosphorus	31-2	-26.82	-9.70	-19.20	-18.57		ppb
Potassium	39-2	3.99	6.36	2.95	4.43	39.37	ppb
Rhodium	103-1				102		%
Rhodium	103-2				108		%
Scandium	45-1				102		%
Scandium	45-2				109		%
Selenium	77-2	-0.09	-0.09	0.40	0.07	394.58	ppb
Selenium	78-2	0.31	-0.36	-0.29	-0.11		ppb
Selenium	82-1	-0.37	-0.13	0.23	-0.09		ppb
Silicon	28-1	-3.97	-4.14	7.10	-0.34		ppb
Silver	109-1	0.00	0.00	0.01	0.00	39.62	ppb
Silver	107-1	0.00	0.00	0.01	0.00	74.01	ppb
Sodium	23-2	8.48	7.78	7.84	8.03	4.80	ppb
Strontium	86-1	0.02	0.00	0.11	0.04	132.31	ppb
Strontium	88-1	0.00	0.01	0.01	0.00	65.68	ppb
Sulfur	34-1	-745.99	-806.73	1084.13	-156.20		ppb
Terbium	159-1				100		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.01	0.02	0.02	22.11	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	16.97	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	4.97	ppb
Tin	118-1	0.01	0.04	0.07	0.04	82.61	ppb
Titanium	47-1	0.00	0.03	0.00	0.01	219.36	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	35.52	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	197.53	ppb
Yttrium	89-1				102		%
Yttrium	89-2				112		%
Zinc	66-2	-0.16	-0.09	-0.13	-0.12		ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:41:42	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	31.55	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	0.64	ppb

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 12:45:18 DataFile Name : 017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88255.50	89147.28	88995.11	88799.30	0.54	ppb
Antimony	121-1	1.14	1.13	1.11	1.13	1.09	ppb
Arsenic	75-2	0.31	0.21	0.30	0.27	20.20	ppb
Barium	135-1	1.53	1.48	1.44	1.48	3.12	ppb
Barium	137-1	1.56	1.44	1.44	1.48	4.54	ppb
Beryllium	9-1	0.29	0.29	0.30	0.29	1.75	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	11-1	5.01	4.82	4.70	4.84	3.14	ppb
Boron	10-1	4.30	4.45	4.29	4.34	2.02	ppb
Cadmium	106-1	-3.44	-5.39	-4.70	-4.51		ppb
Cadmium	108-1	12.83	12.26	11.83	12.31	4.07	ppb
Cadmium	111-1	0.16	-0.05	0.05	0.05	210.67	ppb
Calcium	43-1	96157.00	95468.91	94955.63	95527.18	0.63	ppb
Calcium	44-1	95954.99	95211.28	95411.34	95525.87	0.40	ppb
Chromium	52-2	19.56	19.56	19.05	19.39	1.51	ppb
Cobalt	59-2	1.13	1.19	1.15	1.16	2.51	ppb
Copper	63-2	7.72	7.74	7.70	7.72	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				107		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	101870.95	101691.02	98932.28	100831.42	1.63	ppb
Iron	57-2	101395.76	102518.30	99025.67	100979.91	1.77	ppb
Lead	207-1	4.22	4.11	4.33	4.22	2.55	ppb
Lead	208-1	4.45	4.44	4.47	4.45	0.35	ppb
Lead	206-1	4.91	4.86	4.94	4.91	0.82	ppb
Lithium	6-1				92		%
Magnesium	24-2	97431.06	99041.75	97907.82	98126.88	0.84	ppb
Manganese	55-2	7.86	7.86	7.77	7.83	0.70	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:45:18	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1924.70	1926.70	1928.58	1926.66	0.10	ppb
Molybdenum	98-1	1927.65	1924.99	1927.04	1926.56	0.07	ppb
Molybdenum	94-1	1335.03	1337.51	1345.02	1339.19	0.39	ppb
Molybdenum	95-1	1931.70	1935.19	1918.84	1928.57	0.45	ppb
Molybdenum	96-1	1863.07	1847.68	1848.91	1853.22	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.51	5.57	5.09	5.39	4.87	ppb
Phosphorus	31-2	95919.28	96557.11	95879.47	96118.62	0.40	ppb
Potassium	39-2	96336.68	96709.98	96392.89	96479.85	0.21	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	0.17	-0.09	-0.09	-0.01		ppb
Selenium	78-2	0.12	-0.06	-0.13	-0.02		ppb
Selenium	82-1	-0.31	0.03	0.26	-0.01		ppb
Silicon	28-1	14.27	13.92	13.85	14.01	1.63	ppb
Silver	109-1	0.04	0.04	0.06	0.05	25.67	ppb
Silver	107-1	0.03	0.04	0.06	0.04	30.35	ppb
Sodium	23-2	97946.48	98688.45	98008.27	98214.40	0.42	ppb
Strontium	86-1	33.45	33.20	33.48	33.38	0.47	ppb
Strontium	88-1	33.38	33.27	33.39	33.35	0.21	ppb
Sulfur	34-1	82236.01	81172.44	81358.83	81589.10	0.70	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.10	0.10	0.10	4.73	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	3.35	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	5.28	ppb
Tin	118-1	0.18	0.16	0.15	0.16	10.37	ppb
Titanium	47-1	1999.28	2005.78	1989.47	1998.18	0.41	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	10.75	ppb
Vanadium	51-2	0.17	0.16	0.15	0.16	3.78	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	10.70	11.07	10.97	10.91	1.74	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:45:18	DataFile Name :	017ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.05	0.04	0.05	17.66	ppb
Zirconium	91-1	0.07	0.05	0.06	0.06	14.66	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:48:57	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87298.32	87134.58	86024.07	86818.99	0.80	ppb
Antimony	121-1	20.47	21.02	20.72	20.73	1.33	ppb
Arsenic	75-2	19.64	19.65	18.92	19.40	2.14	ppb
Barium	135-1	21.71	21.55	22.04	21.77	1.13	ppb
Barium	137-1	21.21	21.69	21.89	21.60	1.63	ppb
Beryllium	9-1	20.33	20.44	20.60	20.46	0.65	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	11-1	66.81	68.38	69.34	68.18	1.88	ppb
Boron	10-1	67.30	68.11	68.90	68.10	1.18	ppb
Cadmium	106-1	22.55	22.81	21.67	22.34	2.68	ppb
Cadmium	108-1	33.26	34.25	32.86	33.46	2.14	ppb
Cadmium	111-1	19.77	20.28	20.10	20.05	1.29	ppb
Calcium	43-1	95373.98	95654.47	95883.53	95637.33	0.27	ppb
Calcium	44-1	94337.66	95796.44	95924.10	95352.73	0.92	ppb
Chromium	52-2	38.17	38.88	38.66	38.57	0.95	ppb
Cobalt	59-2	20.40	21.00	20.44	20.61	1.64	ppb
Copper	63-2	26.85	27.38	27.29	27.17	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				109		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	97972.04	99696.22	99488.70	99052.32	0.95	ppb
Iron	57-2	98048.51	100485.16	100505.03	99679.57	1.42	ppb
Lead	207-1	23.03	23.32	23.29	23.21	0.68	ppb
Lead	208-1	23.87	23.92	24.08	23.96	0.45	ppb
Lead	206-1	25.10	25.20	25.55	25.29	0.94	ppb
Lithium	6-1				88		%
Magnesium	24-2	96101.94	97203.63	95251.01	96185.53	1.02	ppb
Manganese	55-2	26.46	26.56	27.11	26.71	1.31	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:48:57	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	1967.03	1967.32	1967.25	1967.20	0.01	ppb
Molybdenum	98-1	1977.97	1967.78	1967.87	1971.21	0.30	ppb
Molybdenum	94-1	1451.53	1462.77	1456.17	1456.82	0.39	ppb
Molybdenum	95-1	1955.68	1968.47	1961.65	1961.93	0.33	ppb
Molybdenum	96-1	1899.07	1911.07	1901.53	1903.89	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.83	25.18	24.32	24.78	1.74	ppb
Phosphorus	31-2	95020.57	94854.86	93622.70	94499.38	0.81	ppb
Potassium	39-2	95109.34	95625.75	94827.04	95187.37	0.43	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	14.58	20.59	17.48	17.55	17.12	ppb
Selenium	78-2	18.22	19.90	19.75	19.29	4.83	ppb
Selenium	82-1	19.76	19.16	19.49	19.47	1.55	ppb
Silicon	28-1	74.02	73.71	74.43	74.05	0.49	ppb
Silver	109-1	18.30	18.55	18.53	18.46	0.77	ppb
Silver	107-1	18.34	18.84	18.54	18.57	1.34	ppb
Sodium	23-2	97169.43	96953.61	96147.50	96756.85	0.56	ppb
Strontium	86-1	92.09	90.76	91.33	91.39	0.73	ppb
Strontium	88-1	91.90	91.95	92.07	91.97	0.09	ppb
Sulfur	34-1	80950.52	79855.73	80685.71	80497.32	0.71	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	20.10	19.87	20.20	20.06	0.85	ppb
Thallium	205-1	19.94	20.24	20.32	20.17	1.00	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	5.98	ppb
Tin	118-1	58.31	59.23	59.04	58.86	0.83	ppb
Titanium	47-1	2038.86	2031.24	2037.11	2035.74	0.20	ppb
Uranium	238-1	60.06	59.88	59.54	59.82	0.44	ppb
Vanadium	51-2	19.48	19.53	19.24	19.41	0.80	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	30.03	30.07	30.20	30.10	0.28	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:48:57	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	58.30	58.03	58.42	58.25	0.34	ppb
Zirconium	91-1	58.70	59.08	58.90	58.89	0.32	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:52:38	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52592.23	52384.77	52838.11	52605.04	0.43	ppb
Antimony	121-1	518.12	518.17	517.80	518.03	0.04	ppb
Arsenic	75-2	498.55	496.80	500.47	498.60	0.37	ppb
Barium	135-1	2617.45	2634.62	2660.69	2637.59	0.83	ppb
Barium	137-1	2596.50	2626.07	2648.61	2623.73	1.00	ppb
Beryllium	9-1	523.57	522.82	524.75	523.71	0.19	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	11-1	512.10	523.02	537.90	524.34	2.47	ppb
Boron	10-1	506.75	518.74	532.47	519.32	2.48	ppb
Cadmium	106-1	503.67	504.74	501.27	503.23	0.35	ppb
Cadmium	108-1	499.12	497.36	498.29	498.26	0.18	ppb
Cadmium	111-1	493.74	488.67	491.68	491.36	0.52	ppb
Calcium	43-1	253814.50	246761.82	249151.49	249909.27	1.44	ppb
Calcium	44-1	253810.90	245868.93	249969.57	249883.13	1.59	ppb
Chromium	52-2	530.23	534.67	532.11	532.34	0.42	ppb
Cobalt	59-2	509.38	511.18	510.93	510.50	0.19	ppb
Copper	63-2	985.25	988.59	994.05	989.29	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	128561.04	129804.26	129769.07	129378.12	0.55	ppb
Iron	57-2	129535.76	130004.49	130745.09	130095.12	0.47	ppb
Lead	207-1	526.99	522.72	527.46	525.72	0.50	ppb
Lead	208-1	525.29	523.66	526.85	525.27	0.30	ppb
Lead	206-1	524.60	522.13	523.63	523.45	0.24	ppb
Lithium	6-1				88		%
Magnesium	24-2	252043.28	252566.32	252910.34	252506.65	0.17	ppb
Manganese	55-2	1030.89	1033.86	1040.81	1035.19	0.49	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:52:38	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2580.83	2584.10	2597.01	2587.32	0.33	ppb
Molybdenum	98-1	2589.90	2582.06	2588.47	2586.81	0.16	ppb
Molybdenum	94-1	2580.83	2604.50	2607.17	2597.50	0.56	ppb
Molybdenum	95-1	2565.39	2590.36	2601.82	2585.86	0.72	ppb
Molybdenum	96-1	2575.88	2591.47	2595.91	2587.75	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.63	516.88	522.32	517.94	0.76	ppb
Phosphorus	31-2	10337.28	10089.61	10120.80	10182.56	1.32	ppb
Potassium	39-2	126290.76	124780.54	126020.47	125697.26	0.64	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	482.63	488.82	472.08	481.18	1.76	ppb
Selenium	78-2	484.33	477.95	478.78	480.35	0.72	ppb
Selenium	82-1	479.73	483.99	485.32	483.01	0.60	ppb
Silicon	28-1	479.68	463.67	472.90	472.09	1.70	ppb
Silver	109-1	505.43	500.07	500.46	501.99	0.59	ppb
Silver	107-1	505.62	499.92	506.32	503.95	0.70	ppb
Sodium	23-2	249914.32	252910.32	252565.10	251796.58	0.65	ppb
Strontium	86-1	510.13	511.13	515.21	512.15	0.53	ppb
Strontium	88-1	518.87	515.86	519.49	518.07	0.38	ppb
Sulfur	34-1	8988.34	8511.11	8641.60	8713.68	2.83	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	529.63	524.44	530.20	528.09	0.60	ppb
Thallium	205-1	527.53	519.15	526.27	524.32	0.86	ppb
Thorium	232-1	532.24	523.44	533.92	529.86	1.06	ppb
Tin	118-1	520.63	520.19	520.33	520.38	0.04	ppb
Titanium	47-1	2618.57	2598.27	2611.90	2609.58	0.40	ppb
Uranium	238-1	535.96	523.44	537.23	532.21	1.43	ppb
Vanadium	51-2	514.74	516.76	516.95	516.15	0.24	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	956.93	968.79	967.44	964.39	0.67	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:52:38	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	520.56	521.74	522.84	521.71	0.22	ppb
Zirconium	91-1	520.74	522.53	524.78	522.69	0.39	ppb

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : CCB75 Instrumnet Name : P7
 Client Sample ID : CCB75 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 13:01:19 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	0.45	0.09	0.25	74.63	ppb
Antimony	121-1	0.05	0.06	0.05	0.05	6.69	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	43.97	ppb
Barium	135-1	0.03	0.02	0.02	0.02	27.21	ppb
Barium	137-1	0.02	0.01	0.02	0.02	36.64	ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	9.41	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	11-1	4.52	4.51	4.34	4.46	2.29	ppb
Boron	10-1	4.39	4.91	4.82	4.71	5.85	ppb
Cadmium	106-1	-4.84	-4.25	-3.43	-4.17		ppb
Cadmium	108-1	-0.01	-0.03	0.08	0.01	420.10	ppb
Cadmium	111-1	-0.36	-0.31	-0.26	-0.31		ppb
Calcium	43-1	1.71	0.96	2.76	1.81	49.67	ppb
Calcium	44-1	1.90	2.33	1.42	1.88	24.16	ppb
Chromium	52-2	0.00	0.00	0.00	0.00	677.85	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	47.66	ppb
Copper	63-2	0.08	0.08	0.06	0.07	13.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				111		%
Iron	56-2	1.09	1.10	0.89	1.03	11.65	ppb
Iron	57-2	2.23	1.41	1.79	1.81	22.63	ppb
Lead	207-1	0.02	0.03	0.03	0.02	18.26	ppb
Lead	208-1	0.02	0.03	0.03	0.03	9.13	ppb
Lead	206-1	0.03	0.03	0.03	0.03	4.62	ppb
Lithium	6-1				94		%
Magnesium	24-2	1.92	1.43	1.37	1.57	19.33	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	174.96	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:01:19	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.39	0.44	0.36	0.39	10.61	ppb
Molybdenum	98-1	0.41	0.39	0.34	0.38	9.24	ppb
Molybdenum	94-1	0.34	0.34	0.32	0.33	3.47	ppb
Molybdenum	95-1	0.45	0.40	0.38	0.41	9.38	ppb
Molybdenum	96-1	0.44	0.40	0.34	0.39	13.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-11.83	-19.95	-15.90	-15.89		ppb
Potassium	39-2	13.19	13.52	10.83	12.51	11.73	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	0.15	-0.09	-0.09	-0.01		ppb
Selenium	78-2	0.34	0.21	0.16	0.24	38.35	ppb
Selenium	82-1	0.13	-0.09	0.25	0.10	180.14	ppb
Silicon	28-1	-6.56	-6.04	-6.62	-6.41		ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.26	ppb
Silver	107-1	0.01	0.02	0.01	0.01	12.89	ppb
Sodium	23-2	23.42	23.89	23.16	23.49	1.57	ppb
Strontium	86-1	0.02	0.00	0.03	0.02	83.20	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	26.14	ppb
Sulfur	34-1	-2209.07	-2110.04	-2187.65	-2168.92		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.06	0.06	0.06	0.06	7.12	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	10.37	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	2.44	ppb
Tin	118-1	0.06	0.03	0.04	0.04	32.75	ppb
Titanium	47-1	0.02	0.05	0.00	0.02	108.80	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	14.54	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	118.31	ppb
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	-0.27	-0.11	-0.29	-0.22		ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:01:19	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.00	0.01	87.86	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	16.53	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:04:53	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.57	20.19	20.89	20.22	3.26	ppb
Antimony	121-1	2.09	2.08	2.10	2.09	0.53	ppb
Arsenic	75-2	1.02	1.12	1.01	1.05	5.84	ppb
Barium	135-1	10.35	10.03	10.15	10.18	1.60	ppb
Barium	137-1	10.03	10.15	10.15	10.11	0.69	ppb
Beryllium	9-1	1.07	1.09	1.11	1.09	1.83	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	11-1	27.14	28.16	28.03	27.78	2.00	ppb
Boron	10-1	27.53	27.52	28.82	27.96	2.69	ppb
Cadmium	106-1	-0.87	-2.25	-2.77	-1.96		ppb
Cadmium	108-1	1.09	1.27	1.25	1.21	7.95	ppb
Cadmium	111-1	0.90	0.78	0.73	0.80	10.89	ppb
Calcium	43-1	479.53	472.92	488.49	480.31	1.63	ppb
Calcium	44-1	464.76	468.58	471.17	468.17	0.69	ppb
Chromium	52-2	2.18	2.16	2.19	2.18	0.64	ppb
Cobalt	59-2	1.03	1.03	1.04	1.03	0.65	ppb
Copper	63-2	2.19	2.11	2.16	2.16	1.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				112		%
Iron	56-2	52.59	52.88	52.83	52.77	0.29	ppb
Iron	57-2	54.86	54.37	55.21	54.81	0.76	ppb
Lead	207-1	1.03	1.01	1.00	1.02	1.76	ppb
Lead	208-1	1.01	1.03	1.01	1.02	1.11	ppb
Lead	206-1	0.98	1.06	1.03	1.02	3.61	ppb
Lithium	6-1				93		%
Magnesium	24-2	498.47	495.52	499.65	497.88	0.43	ppb
Manganese	55-2	1.05	1.01	0.97	1.01	4.02	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:04:53	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4.98	4.88	5.11	4.99	2.32	ppb
Molybdenum	98-1	5.10	5.15	5.07	5.11	0.85	ppb
Molybdenum	94-1	4.96	5.15	5.28	5.13	3.13	ppb
Molybdenum	95-1	5.20	5.28	5.13	5.20	1.50	ppb
Molybdenum	96-1	5.04	5.20	5.22	5.16	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.18	1.18	1.15	3.98	ppb
Phosphorus	31-2	-16.92	-18.47	-12.31	-15.90		ppb
Potassium	39-2	494.17	499.00	497.99	497.05	0.51	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	77-2	5.25	5.77	4.60	5.21	11.33	ppb
Selenium	78-2	4.87	5.15	6.50	5.51	15.88	ppb
Selenium	82-1	5.23	5.65	5.16	5.35	4.90	ppb
Silicon	28-1	9.08	8.30	8.48	8.62	4.76	ppb
Silver	109-1	1.08	1.13	1.08	1.10	2.66	ppb
Silver	107-1	1.08	1.10	1.07	1.08	1.64	ppb
Sodium	23-2	509.31	509.96	505.22	508.16	0.51	ppb
Strontium	86-1	1.09	1.02	0.95	1.02	6.82	ppb
Strontium	88-1	1.01	1.00	1.01	1.01	0.46	ppb
Sulfur	34-1	-1819.30	-1837.91	-1773.35	-1810.19		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	1.01	1.00	1.01	1.01	0.95	ppb
Thallium	205-1	1.03	1.04	1.02	1.03	1.07	ppb
Thorium	232-1	0.93	0.93	0.94	0.93	0.73	ppb
Tin	118-1	5.12	5.05	4.98	5.05	1.37	ppb
Titanium	47-1	5.04	5.37	5.11	5.17	3.36	ppb
Uranium	238-1	0.96	0.94	0.98	0.96	1.72	ppb
Vanadium	51-2	4.78	4.90	4.85	4.84	1.18	ppb
Yttrium	89-1				111		%
Yttrium	89-2				113		%
Zinc	66-2	2.15	2.14	2.02	2.10	3.33	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:04:53	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.01	1.02	1.00	1.01	0.78	ppb
Zirconium	91-1	1.00	1.11	1.03	1.05	5.32	ppb

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : PB112561BL Instrumnet Name : P7
 Client Sample ID : PB112561BL Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 13:08:39 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	-0.01	0.34	0.17	104.16	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	11.34	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	19.46	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.01	0.01	0.01	70.09	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	38.94	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	11-1	3.29	3.60	3.67	3.52	5.78	ppb
Boron	10-1	4.02	3.42	3.31	3.58	10.72	ppb
Cadmium	106-1	-3.69	-3.63	-3.21	-3.51		ppb
Cadmium	108-1	-0.03	-0.03	-0.01	-0.02		ppb
Cadmium	111-1	-0.27	-0.27	-0.24	-0.26		ppb
Calcium	43-1	1.22	2.14	0.93	1.43	44.23	ppb
Calcium	44-1	0.20	0.79	0.40	0.46	65.36	ppb
Chromium	52-2	0.01	-0.01	0.03	0.01	166.82	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	16.04	ppb
Copper	63-2	0.02	0.07	0.03	0.04	67.26	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				109		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				112		%
Iron	56-2	0.48	0.41	0.45	0.44	8.06	ppb
Iron	57-2	2.06	1.34	1.34	1.58	26.23	ppb
Lead	207-1	0.01	0.01	0.02	0.01	13.60	ppb
Lead	208-1	0.01	0.01	0.02	0.02	12.30	ppb
Lead	206-1	0.01	0.01	0.02	0.01	55.03	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.63	0.72	0.84	0.73	14.29	ppb
Manganese	55-2	0.00	0.00	0.00	0.00		ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	PB112561BL	Instrumnet Name :	P7
Client Sample ID :	PB112561BL	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:08:39	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.19	0.18	0.17	0.18	5.22	ppb
Molybdenum	98-1	0.20	0.16	0.18	0.18	9.05	ppb
Molybdenum	94-1	0.18	0.16	0.14	0.16	12.18	ppb
Molybdenum	95-1	0.19	0.17	0.17	0.18	6.09	ppb
Molybdenum	96-1	0.21	0.17	0.18	0.19	11.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-7.18	-21.01	-31.81	-20.00		ppb
Potassium	39-2	9.88	7.58	7.82	8.43	15.01	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	0.15	-0.09	-0.09	-0.01		ppb
Selenium	78-2	0.57	0.80	0.47	0.61	27.77	ppb
Selenium	82-1	0.19	-0.40	-0.14	-0.11		ppb
Silicon	28-1	-5.50	-5.51	-5.09	-5.37		ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.19	ppb
Silver	107-1	0.01	0.01	0.01	0.01	25.77	ppb
Sodium	23-2	15.67	15.82	15.99	15.82	1.01	ppb
Strontium	86-1	0.00	0.01	0.00	0.00	176.44	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1678.94	-1589.53	-1420.12	-1562.86		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.04	0.04	0.04	10.66	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	11.98	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	7.81	ppb
Tin	118-1	0.00	-0.02	-0.01	-0.01		ppb
Titanium	47-1	0.01	-0.03	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	616.97	ppb
Yttrium	89-1				112		%
Yttrium	89-2				114		%
Zinc	66-2	-0.25	-0.21	-0.17	-0.21		ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	PB112561BL	Instrumnet Name :	P7
Client Sample ID :	PB112561BL	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:08:39	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	-0.01	0.01	0.00		ppb
Zirconium	91-1	0.03	0.00	0.00	0.01	176.02	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	PB112561BS	Instrumnet Name :	P7
Client Sample ID :	PB112561BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:12:13	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9672.02	9657.51	9618.90	9649.47	0.28	ppb
Antimony	121-1	513.40	513.05	509.41	511.95	0.43	ppb
Arsenic	75-2	512.96	514.31	515.92	514.39	0.29	ppb
Barium	135-1	2556.52	2547.75	2549.15	2551.14	0.18	ppb
Barium	137-1	2552.16	2537.30	2523.84	2537.77	0.56	ppb
Beryllium	9-1	505.43	509.14	509.41	507.99	0.44	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	11-1	487.20	511.21	512.52	503.64	2.83	ppb
Boron	10-1	481.30	498.16	511.94	497.13	3.09	ppb
Cadmium	106-1	517.03	517.61	519.91	518.18	0.29	ppb
Cadmium	108-1	515.19	512.43	509.03	512.22	0.60	ppb
Cadmium	111-1	508.43	509.10	511.31	509.61	0.30	ppb
Calcium	43-1	49283.44	49146.67	49071.35	49167.15	0.22	ppb
Calcium	44-1	49491.24	49268.18	48795.50	49184.98	0.72	ppb
Chromium	52-2	494.82	496.81	496.81	496.15	0.23	ppb
Cobalt	59-2	502.10	506.31	501.17	503.19	0.54	ppb
Copper	63-2	1020.57	1018.60	1009.67	1016.28	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	25625.34	25501.43	25483.84	25536.87	0.30	ppb
Iron	57-2	25839.89	25619.13	25594.30	25684.44	0.53	ppb
Lead	207-1	504.10	506.05	499.91	503.35	0.62	ppb
Lead	208-1	503.08	502.69	501.64	502.47	0.15	ppb
Lead	206-1	506.06	502.26	502.43	503.58	0.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	50806.20	51030.11	50469.55	50768.62	0.56	ppb
Manganese	55-2	1007.34	1000.42	1003.25	1003.67	0.35	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	PB112561BS	Instrumnet Name :	P7
Client Sample ID :	PB112561BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:12:13	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2509.45	2482.00	2486.27	2492.57	0.59	ppb
Molybdenum	98-1	2494.70	2493.78	2479.82	2489.43	0.33	ppb
Molybdenum	94-1	2490.08	2477.61	2476.55	2481.42	0.30	ppb
Molybdenum	95-1	2492.89	2481.18	2484.68	2486.25	0.24	ppb
Molybdenum	96-1	2491.82	2473.34	2478.61	2481.26	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.10	510.94	509.01	509.35	0.28	ppb
Phosphorus	31-2	10006.49	10253.23	10236.64	10165.45	1.36	ppb
Potassium	39-2	24640.63	24453.98	24275.02	24456.55	0.75	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	506.49	488.23	519.83	504.85	3.14	ppb
Selenium	78-2	517.47	512.52	520.75	516.91	0.80	ppb
Selenium	82-1	509.82	508.48	506.34	508.21	0.35	ppb
Silicon	28-1	515.46	521.87	522.61	519.98	0.76	ppb
Silver	109-1	522.47	514.91	514.14	517.18	0.89	ppb
Silver	107-1	519.86	515.50	518.24	517.87	0.43	ppb
Sodium	23-2	50208.24	50375.59	49848.42	50144.08	0.54	ppb
Strontium	86-1	493.67	492.36	492.77	492.93	0.14	ppb
Strontium	88-1	501.78	498.53	500.46	500.26	0.33	ppb
Sulfur	34-1	9455.81	9061.37	8745.64	9087.61	3.92	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	507.16	502.70	500.83	503.56	0.65	ppb
Thallium	205-1	506.41	501.90	500.61	502.97	0.61	ppb
Thorium	232-1	493.41	489.16	491.46	491.34	0.43	ppb
Tin	118-1	513.84	512.29	506.40	510.84	0.77	ppb
Titanium	47-1	2530.93	2515.94	2510.08	2518.98	0.43	ppb
Uranium	238-1	496.37	493.58	491.74	493.90	0.47	ppb
Vanadium	51-2	500.38	499.21	500.33	499.97	0.13	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	1023.55	1027.86	1023.01	1024.81	0.26	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	PB112561BS	Instrumnet Name :	P7
Client Sample ID :	PB112561BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:12:13	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.55	500.33	502.22	500.70	0.27	ppb
Zirconium	91-1	499.65	498.47	496.47	498.20	0.32	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01	Instrumnet Name :	P7
Client Sample ID :	FL-0565	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:15:49	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.53	35.89	33.38	34.93	3.88	ppb
Antimony	121-1	2.95	2.57	2.27	2.59	13.18	ppb
Arsenic	75-2	53.75	54.15	54.09	54.00	0.41	ppb
Barium	135-1	19.58	19.80	19.40	19.59	1.02	ppb
Barium	137-1	19.27	19.16	19.22	19.22	0.28	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	16.44	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	11-1	32.16	31.04	29.52	30.91	4.29	ppb
Boron	10-1	31.83	31.54	28.93	30.77	5.20	ppb
Cadmium	106-1	-2.21	-3.13	-3.03	-2.79		ppb
Cadmium	108-1	1.30	1.22	1.12	1.21	7.39	ppb
Cadmium	111-1	0.81	0.85	0.82	0.82	2.23	ppb
Calcium	43-1	32540.15	32933.18	32996.49	32823.27	0.75	ppb
Calcium	44-1	32681.14	32837.87	32883.70	32800.91	0.32	ppb
Chromium	52-2	0.90	0.86	0.84	0.87	3.41	ppb
Cobalt	59-2	0.26	0.26	0.26	0.26	0.45	ppb
Copper	63-2	3.94	3.82	3.78	3.84	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				119		%
Indium	115-2				116		%
Iron	56-2	3622.86	3603.80	3625.91	3617.52	0.33	ppb
Iron	57-2	3697.22	3661.48	3709.29	3689.33	0.67	ppb
Lead	207-1	0.51	0.47	0.46	0.48	5.57	ppb
Lead	208-1	0.51	0.48	0.48	0.49	4.06	ppb
Lead	206-1	0.51	0.50	0.49	0.50	2.17	ppb
Lithium	6-1				99		%
Magnesium	24-2	6252.82	6277.28	6264.82	6264.98	0.20	ppb
Manganese	55-2	273.92	273.49	271.55	272.99	0.46	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01	Instrumnet Name :	P7
Client Sample ID :	FL-0565	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:15:49	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	4.34	3.98	3.72	4.01	7.67	ppb
Molybdenum	98-1	4.28	4.06	3.84	4.06	5.37	ppb
Molybdenum	94-1	3.10	3.06	2.76	2.97	6.31	ppb
Molybdenum	95-1	4.33	4.15	3.70	4.06	7.94	ppb
Molybdenum	96-1	4.10	4.00	3.77	3.96	4.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.93	0.97	0.96	2.74	ppb
Phosphorus	31-2	48.28	48.11	25.55	40.65	32.17	ppb
Potassium	39-2	3933.06	3908.13	3904.59	3915.26	0.40	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	0.42	0.92	0.16	0.50	77.36	ppb
Selenium	78-2	0.77	0.92	0.19	0.63	61.59	ppb
Selenium	82-1	0.11	-0.35	-0.35	-0.20		ppb
Silicon	28-1	3465.74	3474.38	3443.28	3461.13	0.46	ppb
Silver	109-1	0.55	0.56	0.53	0.55	2.58	ppb
Silver	107-1	0.53	0.58	0.50	0.53	7.65	ppb
Sodium	23-2	31537.57	31544.77	31811.47	31631.27	0.49	ppb
Strontium	86-1	136.35	138.20	138.43	137.66	0.83	ppb
Strontium	88-1	139.33	138.32	139.34	139.00	0.42	ppb
Sulfur	34-1	759.26	818.74	849.24	809.08	5.66	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.57	0.40	0.26	0.41	38.61	ppb
Thallium	205-1	0.57	0.38	0.28	0.41	35.87	ppb
Thorium	232-1	0.16	0.14	0.12	0.14	12.08	ppb
Tin	118-1	1.88	2.14	2.32	2.11	10.42	ppb
Titanium	47-1	2.05	2.11	2.03	2.07	1.96	ppb
Uranium	238-1	0.51	0.53	0.52	0.52	1.08	ppb
Vanadium	51-2	0.49	0.51	0.56	0.52	6.29	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	62.84	62.81	63.02	62.89	0.19	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01	Instrumnet Name :	P7
Client Sample ID :	FL-0565	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:15:49	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.06	0.06	0.06	11.73	ppb
Zirconium	91-1	0.10	0.08	0.07	0.08	20.97	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DUP	Instrumnet Name :	P7
Client Sample ID :	FL-0565DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:19:24	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.62	33.71	36.21	36.18	6.79	ppb
Antimony	121-1	1.37	1.33	1.26	1.32	4.23	ppb
Arsenic	75-2	58.09	54.82	53.39	55.43	4.35	ppb
Barium	135-1	19.82	19.03	19.83	19.56	2.36	ppb
Barium	137-1	19.34	18.99	19.16	19.16	0.91	ppb
Beryllium	9-1	0.03	0.04	0.02	0.03	24.85	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	11-1	23.86	22.62	22.51	23.00	3.26	ppb
Boron	10-1	22.60	21.10	22.73	22.14	4.08	ppb
Cadmium	106-1	-2.96	-4.46	-4.49	-3.97		ppb
Cadmium	108-1	1.20	0.88	1.01	1.03	15.38	ppb
Cadmium	111-1	0.81	0.74	0.74	0.76	5.28	ppb
Calcium	43-1	33252.87	33465.51	33089.62	33269.33	0.57	ppb
Calcium	44-1	33167.90	33207.06	32961.56	33112.17	0.40	ppb
Chromium	52-2	0.85	0.85	0.82	0.84	2.14	ppb
Cobalt	59-2	0.26	0.27	0.27	0.27	1.25	ppb
Copper	63-2	3.71	3.66	3.57	3.64	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				120		%
Indium	115-2				110		%
Iron	56-2	3906.73	3664.23	3644.24	3738.40	3.91	ppb
Iron	57-2	3987.08	3749.58	3736.95	3824.53	3.68	ppb
Lead	207-1	0.38	0.37	0.38	0.38	1.09	ppb
Lead	208-1	0.40	0.39	0.39	0.39	1.20	ppb
Lead	206-1	0.43	0.43	0.39	0.41	4.98	ppb
Lithium	6-1				94		%
Magnesium	24-2	6855.05	6424.06	6398.14	6559.08	3.91	ppb
Manganese	55-2	294.47	276.93	276.77	282.73	3.60	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DUP	Instrumnet Name :	P7
Client Sample ID :	FL-0565DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:19:24	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	3.15	2.92	3.03	3.03	3.91	ppb
Molybdenum	98-1	3.04	3.03	2.99	3.02	0.80	ppb
Molybdenum	94-1	2.11	2.20	2.20	2.17	2.32	ppb
Molybdenum	95-1	3.05	3.19	3.00	3.08	3.28	ppb
Molybdenum	96-1	2.98	3.05	2.90	2.98	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	0.89	0.99	0.97	7.50	ppb
Phosphorus	31-2	48.63	36.22	62.72	49.19	26.95	ppb
Potassium	39-2	4183.83	3945.24	3925.98	4018.35	3.57	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	0.45	1.18	0.67	0.77	48.28	ppb
Selenium	78-2	0.05	0.45	0.39	0.30	73.20	ppb
Selenium	82-1	0.41	-0.25	-0.27	-0.04		ppb
Silicon	28-1	3481.04	3440.01	3415.20	3445.42	0.97	ppb
Silver	109-1	0.37	0.39	0.38	0.38	2.89	ppb
Silver	107-1	0.37	0.38	0.36	0.37	2.52	ppb
Sodium	23-2	34862.82	32667.30	32437.28	33322.47	4.02	ppb
Strontium	86-1	139.03	139.97	139.98	139.66	0.39	ppb
Strontium	88-1	140.61	140.78	141.82	141.07	0.46	ppb
Sulfur	34-1	1299.52	1256.68	1135.08	1230.42	6.93	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.05	0.05	0.06	24.98	ppb
Thallium	205-1	0.08	0.06	0.05	0.07	19.56	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	7.55	ppb
Tin	118-1	2.32	2.58	2.63	2.51	6.51	ppb
Titanium	47-1	2.08	2.28	2.05	2.14	5.76	ppb
Uranium	238-1	0.52	0.52	0.52	0.52	0.69	ppb
Vanadium	51-2	0.58	0.55	0.56	0.56	3.10	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	67.70	62.17	62.01	63.96	5.06	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DUP	Instrumnet Name :	P7
Client Sample ID :	FL-0565DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:19:24	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.04	0.04	0.04	11.24	ppb
Zirconium	91-1	0.06	0.07	0.09	0.08	20.39	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01LX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:22:59	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.25	7.75	8.81	7.93	10.03	ppb
Antimony	121-1	0.18	0.18	0.17	0.18	3.02	ppb
Arsenic	75-2	10.71	10.83	10.83	10.79	0.63	ppb
Barium	135-1	3.88	3.80	3.90	3.86	1.35	ppb
Barium	137-1	3.74	3.74	3.90	3.80	2.40	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	33.97	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	11-1	8.48	8.62	8.39	8.49	1.34	ppb
Boron	10-1	8.03	8.19	8.55	8.25	3.23	ppb
Cadmium	106-1	-5.00	-3.46	-5.27	-4.58		ppb
Cadmium	108-1	0.19	0.19	0.30	0.23	26.46	ppb
Cadmium	111-1	-0.17	-0.05	-0.20	-0.14		ppb
Calcium	43-1	6587.79	6607.50	6514.82	6570.03	0.74	ppb
Calcium	44-1	6601.41	6576.60	6526.18	6568.06	0.58	ppb
Chromium	52-2	0.24	0.25	0.25	0.25	1.47	ppb
Cobalt	59-2	0.05	0.05	0.04	0.05	8.80	ppb
Copper	63-2	0.87	0.92	0.92	0.90	3.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				115		%
Indium	115-2				110		%
Iron	56-2	728.16	730.35	723.21	727.24	0.50	ppb
Iron	57-2	743.97	751.34	742.95	746.09	0.61	ppb
Lead	207-1	0.09	0.11	0.10	0.10	7.82	ppb
Lead	208-1	0.11	0.11	0.10	0.10	4.79	ppb
Lead	206-1	0.12	0.11	0.10	0.11	8.45	ppb
Lithium	6-1				89		%
Magnesium	24-2	1255.10	1271.29	1256.22	1260.87	0.72	ppb
Manganese	55-2	55.09	55.48	54.77	55.11	0.65	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01LX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:22:59	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.73	0.76	0.79	0.76	3.57	ppb
Molybdenum	98-1	0.76	0.67	0.71	0.71	6.13	ppb
Molybdenum	94-1	0.50	0.52	0.51	0.51	2.48	ppb
Molybdenum	95-1	0.74	0.74	0.61	0.70	11.23	ppb
Molybdenum	96-1	0.70	0.68	0.68	0.69	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.27	0.24	0.26	5.94	ppb
Phosphorus	31-2	-2.48	-19.89	-16.97	-13.12		ppb
Potassium	39-2	786.24	781.90	783.53	783.89	0.28	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	0.16	0.16	0.90	0.40	105.83	ppb
Selenium	78-2	0.99	0.66	0.51	0.72	33.69	ppb
Selenium	82-1	-0.23	-0.05	-0.05	-0.11		ppb
Silicon	28-1	674.66	678.47	678.12	677.08	0.31	ppb
Silver	109-1	0.13	0.12	0.12	0.12	4.70	ppb
Silver	107-1	0.12	0.10	0.13	0.12	12.08	ppb
Sodium	23-2	6446.59	6460.33	6476.99	6461.30	0.24	ppb
Strontium	86-1	27.75	27.43	27.81	27.66	0.74	ppb
Strontium	88-1	27.35	27.88	27.47	27.57	1.00	ppb
Sulfur	34-1	-992.49	-956.06	-1000.39	-982.98		ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.03	0.02	0.02	12.29	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.09	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	9.60	ppb
Tin	118-1	0.10	0.12	0.14	0.12	16.79	ppb
Titanium	47-1	0.41	0.41	0.37	0.40	6.38	ppb
Uranium	238-1	0.11	0.11	0.10	0.10	2.60	ppb
Vanadium	51-2	0.11	0.12	0.13	0.12	10.12	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	14.69	14.89	14.11	14.56	2.79	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01LX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:22:59	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.00	82.31	ppb
Zirconium	91-1	0.01	0.02	0.02	0.01	30.50	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MS	Instrumnet Name :	P7
Client Sample ID :	FL-0565MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:26:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9334.21	9108.45	9310.48	9251.05	1.34	ppb
Antimony	121-1	501.52	505.25	501.52	502.76	0.43	ppb
Arsenic	75-2	562.67	559.39	556.30	559.45	0.57	ppb
Barium	135-1	2481.81	2488.15	2464.35	2478.11	0.50	ppb
Barium	137-1	2450.12	2469.94	2465.71	2461.92	0.42	ppb
Beryllium	9-1	449.89	449.77	444.17	447.95	0.73	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	11-1	463.24	480.96	492.68	478.96	3.09	ppb
Boron	10-1	451.37	473.42	469.80	464.86	2.54	ppb
Cadmium	106-1	496.11	500.16	494.12	496.80	0.62	ppb
Cadmium	108-1	498.03	498.37	498.19	498.19	0.03	ppb
Cadmium	111-1	490.26	500.72	497.14	496.04	1.07	ppb
Calcium	43-1	81767.41	82492.95	82503.52	82254.63	0.51	ppb
Calcium	44-1	80979.46	82227.50	81643.66	81616.87	0.77	ppb
Chromium	52-2	486.21	482.65	485.11	484.66	0.38	ppb
Cobalt	59-2	496.40	492.47	493.92	494.26	0.40	ppb
Copper	63-2	1010.97	997.12	1005.26	1004.45	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				102		%
Indium	115-1				116		%
Indium	115-2				105		%
Iron	56-2	28311.56	28124.55	28103.96	28180.02	0.41	ppb
Iron	57-2	28397.83	28539.91	28443.20	28460.31	0.25	ppb
Lead	207-1	466.58	474.91	473.62	471.71	0.95	ppb
Lead	208-1	474.44	480.68	481.20	478.77	0.79	ppb
Lead	206-1	478.04	490.99	490.33	486.45	1.50	ppb
Lithium	6-1				92		%
Magnesium	24-2	57185.78	56732.57	57031.48	56983.28	0.40	ppb
Manganese	55-2	1208.36	1209.64	1215.78	1211.26	0.33	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MS	Instrumnet Name :	P7
Client Sample ID :	FL-0565MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:26:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2432.53	2403.85	2397.78	2411.39	0.77	ppb
Molybdenum	98-1	2451.19	2414.27	2411.47	2425.65	0.91	ppb
Molybdenum	94-1	2436.81	2408.52	2408.69	2418.01	0.67	ppb
Molybdenum	95-1	2424.83	2411.88	2400.76	2412.49	0.50	ppb
Molybdenum	96-1	2418.14	2412.63	2393.52	2408.10	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.72	501.35	506.60	503.22	0.58	ppb
Phosphorus	31-2	41.96	53.24	34.78	43.32	21.48	ppb
Potassium	39-2	27690.17	27345.69	27613.57	27549.81	0.66	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	489.91	507.07	528.32	508.43	3.78	ppb
Selenium	78-2	518.20	509.30	511.96	513.15	0.89	ppb
Selenium	82-1	502.55	499.27	504.35	502.06	0.51	ppb
Silicon	28-1	3606.73	3648.98	3650.40	3635.37	0.68	ppb
Silver	109-1	480.09	478.00	476.75	478.28	0.35	ppb
Silver	107-1	482.44	482.28	480.67	481.79	0.20	ppb
Sodium	23-2	82568.60	81838.77	81934.87	82114.08	0.48	ppb
Strontium	86-1	624.24	627.38	630.10	627.24	0.47	ppb
Strontium	88-1	624.30	626.54	634.75	628.53	0.88	ppb
Sulfur	34-1	871.31	866.26	580.22	772.60	21.57	ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	471.68	476.71	484.75	477.71	1.38	ppb
Thallium	205-1	470.88	477.36	482.53	476.92	1.22	ppb
Thorium	232-1	0.15	0.14	0.12	0.14	10.51	ppb
Tin	118-1	483.69	491.42	485.59	486.90	0.83	ppb
Titanium	47-1	2396.70	2400.99	2398.09	2398.59	0.09	ppb
Uranium	238-1	472.25	478.84	478.25	476.44	0.77	ppb
Vanadium	51-2	482.90	481.15	481.97	482.01	0.18	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	1039.15	1036.66	1048.27	1041.36	0.59	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MS	Instrumnet Name :	P7
Client Sample ID :	FL-0565MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:26:34	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	486.34	488.34	482.51	485.73	0.61	ppb
Zirconium	91-1	473.27	484.36	480.74	479.46	1.18	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSD	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:30:15	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9115.58	9348.56	9112.05	9192.06	1.47	ppb
Antimony	121-1	496.47	499.25	492.09	495.94	0.73	ppb
Arsenic	75-2	547.41	560.80	550.09	552.77	1.28	ppb
Barium	135-1	2454.47	2466.71	2445.57	2455.58	0.43	ppb
Barium	137-1	2451.68	2460.02	2449.55	2453.75	0.23	ppb
Beryllium	9-1	461.06	458.12	463.49	460.89	0.58	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Boron	11-1	487.64	493.27	506.49	495.80	1.95	ppb
Boron	10-1	471.14	478.27	491.78	480.40	2.18	ppb
Cadmium	106-1	487.24	500.95	492.32	493.50	1.40	ppb
Cadmium	108-1	487.09	492.32	490.87	490.10	0.55	ppb
Cadmium	111-1	485.85	495.34	491.95	491.05	0.98	ppb
Calcium	43-1	82179.33	82512.74	83298.88	82663.65	0.70	ppb
Calcium	44-1	81443.17	81808.94	82940.79	82064.30	0.95	ppb
Chromium	52-2	484.29	486.32	488.06	486.23	0.39	ppb
Cobalt	59-2	491.74	496.05	494.24	494.01	0.44	ppb
Copper	63-2	991.02	1002.95	999.01	997.66	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				109		%
Holmium	165-2				101		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	56-2	28068.18	28124.78	28151.05	28114.67	0.15	ppb
Iron	57-2	28213.39	28493.10	28645.24	28450.57	0.77	ppb
Lead	207-1	476.84	469.33	468.00	471.39	1.01	ppb
Lead	208-1	483.53	478.54	477.84	479.97	0.65	ppb
Lead	206-1	490.34	486.86	486.62	487.94	0.43	ppb
Lithium	6-1				86		%
Magnesium	24-2	57247.09	57942.90	57027.43	57405.81	0.83	ppb
Manganese	55-2	1200.94	1208.41	1211.74	1207.03	0.46	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSD	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:30:15	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2397.50	2378.78	2408.17	2394.82	0.62	ppb
Molybdenum	98-1	2410.18	2372.73	2411.41	2398.11	0.92	ppb
Molybdenum	94-1	2422.62	2393.90	2433.10	2416.54	0.84	ppb
Molybdenum	95-1	2399.41	2378.59	2403.23	2393.74	0.55	ppb
Molybdenum	96-1	2391.04	2380.09	2396.24	2389.12	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.06	503.45	506.83	502.45	0.99	ppb
Phosphorus	31-2	26.40	15.10	13.06	18.19	39.49	ppb
Potassium	39-2	27105.79	27539.13	27150.26	27265.06	0.87	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	480.05	508.12	502.56	496.91	2.99	ppb
Selenium	78-2	495.07	513.07	492.68	500.27	2.23	ppb
Selenium	82-1	495.37	490.53	491.67	492.53	0.51	ppb
Silicon	28-1	3577.19	3611.15	3627.28	3605.21	0.71	ppb
Silver	109-1	475.98	476.79	467.69	473.48	1.06	ppb
Silver	107-1	476.33	477.62	475.92	476.62	0.19	ppb
Sodium	23-2	82022.37	82601.40	82210.07	82277.95	0.36	ppb
Strontium	86-1	621.45	623.28	626.62	623.78	0.42	ppb
Strontium	88-1	625.76	621.45	628.95	625.39	0.60	ppb
Sulfur	34-1	480.66	429.73	497.09	469.16	7.49	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	483.44	481.29	480.89	481.87	0.28	ppb
Thallium	205-1	485.43	481.45	478.69	481.86	0.70	ppb
Thorium	232-1	0.10	0.09	0.09	0.09	1.14	ppb
Tin	118-1	481.23	484.03	482.19	482.48	0.30	ppb
Titanium	47-1	2384.77	2399.94	2416.05	2400.25	0.65	ppb
Uranium	238-1	484.28	475.59	477.89	479.25	0.94	ppb
Vanadium	51-2	481.54	482.72	487.58	483.95	0.66	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%
Zinc	66-2	1012.84	1025.84	1025.09	1021.26	0.71	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSD	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:30:15	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	483.90	483.99	482.57	483.49	0.16	ppb
Zirconium	91-1	477.44	473.83	476.33	475.87	0.39	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01A	Instrumnet Name :	P7
Client Sample ID :	FL-0565A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:33:55	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9252.64	9309.36	9338.80	9300.27	0.47	ppb
Antimony	121-1	500.22	508.27	500.36	502.95	0.92	ppb
Arsenic	75-2	563.45	557.50	566.21	562.38	0.79	ppb
Barium	135-1	2470.47	2502.77	2468.51	2480.58	0.78	ppb
Barium	137-1	2451.61	2510.73	2470.00	2477.45	1.22	ppb
Beryllium	9-1	465.33	480.75	476.32	474.14	1.67	ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	11-1	486.59	523.37	527.38	512.45	4.39	ppb
Boron	10-1	478.80	512.44	508.89	500.04	3.70	ppb
Cadmium	106-1	486.39	505.20	490.41	494.00	2.00	ppb
Cadmium	108-1	492.39	512.85	495.09	500.11	2.22	ppb
Cadmium	111-1	493.05	503.12	494.77	496.98	1.08	ppb
Calcium	43-1	82418.64	85000.61	83679.00	83699.42	1.54	ppb
Calcium	44-1	81246.97	84940.11	83469.89	83218.99	2.23	ppb
Chromium	52-2	496.54	492.60	499.87	496.34	0.73	ppb
Cobalt	59-2	505.45	500.63	511.96	506.01	1.12	ppb
Copper	63-2	1022.68	1009.74	1033.44	1021.96	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				110		%
Indium	115-2				101		%
Iron	56-2	28877.85	28645.51	28976.66	28833.34	0.59	ppb
Iron	57-2	29038.28	28703.75	29465.02	29069.02	1.31	ppb
Lead	207-1	469.98	483.93	481.49	478.47	1.56	ppb
Lead	208-1	478.81	493.23	488.93	486.99	1.52	ppb
Lead	206-1	488.63	502.92	498.09	496.55	1.46	ppb
Lithium	6-1				85		%
Magnesium	24-2	58161.20	57741.28	58140.55	58014.35	0.41	ppb
Manganese	55-2	1235.99	1229.66	1243.18	1236.28	0.55	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01A	Instrumnet Name :	P7
Client Sample ID :	FL-0565A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:33:55	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2403.79	2486.11	2457.71	2449.20	1.71	ppb
Molybdenum	98-1	2391.59	2482.95	2463.34	2445.96	1.97	ppb
Molybdenum	94-1	2395.70	2480.99	2459.65	2445.45	1.82	ppb
Molybdenum	95-1	2397.44	2457.46	2459.88	2438.26	1.45	ppb
Molybdenum	96-1	2398.31	2474.72	2449.77	2440.94	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.76	511.24	522.15	515.05	1.19	ppb
Phosphorus	31-2	21.69	16.71	21.70	20.03	14.37	ppb
Potassium	39-2	27655.63	27443.82	27985.79	27695.08	0.99	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	510.46	498.15	484.78	497.80	2.58	ppb
Selenium	78-2	513.29	511.42	513.87	512.86	0.25	ppb
Selenium	82-1	490.76	508.74	508.10	502.53	2.03	ppb
Silicon	28-1	3525.53	3680.61	3608.83	3604.99	2.15	ppb
Silver	109-1	474.76	487.07	475.21	479.01	1.46	ppb
Silver	107-1	479.03	488.43	476.87	481.44	1.28	ppb
Sodium	23-2	84093.47	82496.95	83949.15	83513.19	1.06	ppb
Strontium	86-1	622.71	640.30	637.43	633.48	1.49	ppb
Strontium	88-1	624.52	642.45	636.25	634.41	1.44	ppb
Sulfur	34-1	244.31	432.88	306.36	327.85	29.31	ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	488.64	499.18	488.75	492.19	1.23	ppb
Thallium	205-1	481.70	497.28	489.94	489.64	1.59	ppb
Thorium	232-1	0.08	0.08	0.07	0.08	8.81	ppb
Tin	118-1	479.93	492.36	487.05	486.45	1.28	ppb
Titanium	47-1	2384.91	2481.43	2432.26	2432.87	1.98	ppb
Uranium	238-1	477.38	492.86	491.10	487.11	1.74	ppb
Vanadium	51-2	495.28	492.27	498.30	495.28	0.61	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%
Zinc	66-2	1058.79	1041.67	1054.30	1051.59	0.84	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01A	Instrumnet Name :	P7
Client Sample ID :	FL-0565A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:33:55	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	483.32	498.06	494.64	492.00	1.57	ppb
Zirconium	91-1	469.86	491.10	496.15	485.70	2.87	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:37:34	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.21	7.01	7.30	7.51	8.30	ppb
Antimony	121-1	0.17	0.16	0.15	0.16	4.40	ppb
Arsenic	75-2	10.94	10.83	10.58	10.78	1.71	ppb
Barium	135-1	3.93	3.80	3.90	3.88	1.80	ppb
Barium	137-1	3.83	3.96	3.78	3.86	2.44	ppb
Beryllium	9-1	0.05	0.08	0.07	0.07	22.06	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	11-1	25.09	23.35	22.77	23.74	5.09	ppb
Boron	10-1	24.05	22.76	22.78	23.20	3.18	ppb
Cadmium	106-1	-4.47	-4.35	-4.90	-4.57		ppb
Cadmium	108-1	0.28	0.13	0.18	0.20	38.61	ppb
Cadmium	111-1	-0.10	-0.09	-0.15	-0.11		ppb
Calcium	43-1	6413.69	6555.76	6642.50	6537.32	1.77	ppb
Calcium	44-1	6554.72	6569.65	6569.44	6564.60	0.13	ppb
Chromium	52-2	0.25	0.23	0.20	0.22	9.38	ppb
Cobalt	59-2	0.05	0.05	0.05	0.05	6.19	ppb
Copper	63-2	0.85	0.81	0.85	0.83	2.91	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				104		%
Indium	115-1				113		%
Indium	115-2				104		%
Iron	56-2	742.05	733.85	741.96	739.29	0.64	ppb
Iron	57-2	750.47	743.24	757.61	750.44	0.96	ppb
Lead	207-1	0.09	0.08	0.07	0.08	10.14	ppb
Lead	208-1	0.09	0.09	0.09	0.09	4.36	ppb
Lead	206-1	0.10	0.10	0.11	0.10	4.60	ppb
Lithium	6-1				87		%
Magnesium	24-2	1286.25	1267.43	1279.26	1277.64	0.74	ppb
Manganese	55-2	55.83	55.36	55.67	55.62	0.42	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:37:34	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2.44	2.23	2.02	2.23	9.53	ppb
Molybdenum	98-1	2.27	2.15	1.97	2.13	7.16	ppb
Molybdenum	94-1	1.68	1.51	1.37	1.52	10.06	ppb
Molybdenum	95-1	2.28	2.18	1.92	2.13	8.69	ppb
Molybdenum	96-1	2.21	2.10	1.92	2.07	7.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.22	0.25	0.23	7.30	ppb
Phosphorus	31-2	-7.03	-18.83	-10.05	-11.97		ppb
Potassium	39-2	787.27	774.94	776.75	779.65	0.85	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	0.17	0.17	0.69	0.34	87.96	ppb
Selenium	78-2	-0.13	-0.39	0.67	0.05	1076.86	ppb
Selenium	82-1	0.14	-0.09	-0.01	0.01	915.94	ppb
Silicon	28-1	662.46	680.20	680.66	674.44	1.54	ppb
Silver	109-1	0.09	0.10	0.09	0.09	4.77	ppb
Silver	107-1	0.10	0.11	0.10	0.10	3.70	ppb
Sodium	23-2	6580.62	6483.08	6604.09	6555.93	0.98	ppb
Strontium	86-1	27.67	27.53	27.72	27.64	0.35	ppb
Strontium	88-1	27.47	27.67	27.77	27.64	0.55	ppb
Sulfur	34-1	-1549.37	-1527.01	-1497.03	-1524.47		ppb
Terbium	159-1				113		%
Terbium	159-2				104		%
Thallium	203-1	0.25	0.27	0.22	0.25	8.40	ppb
Thallium	205-1	0.26	0.28	0.22	0.25	12.66	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	10.58	ppb
Tin	118-1	0.15	0.14	0.17	0.16	10.14	ppb
Titanium	47-1	0.48	0.43	0.47	0.46	4.74	ppb
Uranium	238-1	0.10	0.11	0.11	0.11	6.14	ppb
Vanadium	51-2	0.11	0.12	0.12	0.11	4.40	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	13.38	13.18	13.86	13.48	2.60	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:37:34	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.02	0.02	51.98	ppb
Zirconium	91-1	0.03	0.04	0.02	0.03	27.36	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:42:16	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51257.77	51478.34	51402.73	51379.61	0.22	ppb
Antimony	121-1	490.81	496.59	495.22	494.21	0.61	ppb
Arsenic	75-2	497.32	497.06	496.36	496.91	0.10	ppb
Barium	135-1	2495.69	2529.98	2535.75	2520.47	0.86	ppb
Barium	137-1	2477.05	2510.31	2535.80	2507.72	1.17	ppb
Beryllium	9-1	511.63	514.82	517.67	514.71	0.59	ppb
Bismuth	209-1				95		%
Bismuth	209-2				89		%
Boron	11-1	519.90	540.88	546.42	535.74	2.61	ppb
Boron	10-1	511.46	524.62	531.16	522.41	1.92	ppb
Cadmium	106-1	474.12	484.12	492.08	483.44	1.86	ppb
Cadmium	108-1	484.17	485.71	492.12	487.34	0.87	ppb
Cadmium	111-1	473.00	474.37	480.22	475.87	0.81	ppb
Calcium	43-1	242000.07	244896.75	242467.14	243121.32	0.64	ppb
Calcium	44-1	242826.84	243297.03	242889.05	243004.30	0.11	ppb
Chromium	52-2	523.94	526.08	525.99	525.33	0.23	ppb
Cobalt	59-2	504.52	511.35	506.61	507.50	0.69	ppb
Copper	63-2	983.49	986.66	985.11	985.09	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	127336.31	126851.57	127475.67	127221.18	0.26	ppb
Iron	57-2	127573.57	128222.11	127539.87	127778.52	0.30	ppb
Lead	207-1	514.83	518.29	522.42	518.51	0.73	ppb
Lead	208-1	516.16	518.58	519.42	518.06	0.33	ppb
Lead	206-1	515.68	519.68	517.04	517.47	0.39	ppb
Lithium	6-1				85		%
Magnesium	24-2	249991.87	252078.53	251550.41	251206.94	0.43	ppb
Manganese	55-2	989.17	993.98	996.16	993.10	0.36	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:42:16	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2528.96	2539.94	2553.21	2540.70	0.48	ppb
Molybdenum	98-1	2522.49	2541.60	2552.26	2538.78	0.59	ppb
Molybdenum	94-1	2524.38	2545.38	2558.57	2542.78	0.68	ppb
Molybdenum	95-1	2519.77	2544.44	2544.80	2536.34	0.57	ppb
Molybdenum	96-1	2518.13	2533.13	2542.41	2531.23	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.44	514.70	514.02	513.72	0.23	ppb
Phosphorus	31-2	9846.71	9866.18	9712.69	9808.53	0.85	ppb
Potassium	39-2	121375.14	122756.62	121946.10	122025.96	0.57	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	477.02	463.83	460.63	467.16	1.86	ppb
Selenium	78-2	471.77	470.14	477.43	473.11	0.81	ppb
Selenium	82-1	469.98	474.56	475.95	473.50	0.66	ppb
Silicon	28-1	531.74	547.31	553.42	544.16	2.06	ppb
Silver	109-1	481.38	483.81	488.07	484.42	0.70	ppb
Silver	107-1	478.82	480.37	487.41	482.20	0.95	ppb
Sodium	23-2	252105.84	253840.06	253126.14	253024.01	0.34	ppb
Strontium	86-1	493.45	502.69	500.49	498.87	0.97	ppb
Strontium	88-1	505.11	505.86	507.48	506.15	0.24	ppb
Sulfur	34-1	9390.54	9374.96	9196.86	9320.79	1.15	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	520.02	522.28	524.61	522.30	0.44	ppb
Thallium	205-1	516.02	519.84	519.87	518.58	0.43	ppb
Thorium	232-1	518.15	522.15	523.09	521.13	0.50	ppb
Tin	118-1	498.79	501.23	503.53	501.18	0.47	ppb
Titanium	47-1	2518.97	2532.95	2516.79	2522.90	0.35	ppb
Uranium	238-1	522.85	528.34	526.40	525.86	0.53	ppb
Vanadium	51-2	505.57	508.47	510.01	508.02	0.44	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	943.45	949.31	958.97	950.57	0.82	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:42:16	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	503.19	508.24	511.10	507.51	0.79	ppb
Zirconium	91-1	493.73	498.27	503.46	498.49	0.98	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:52:59	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.45	0.05	0.43	0.31	71.79	ppb
Antimony	121-1	0.07	0.04	0.06	0.06	28.32	ppb
Arsenic	75-2	0.01	0.02	0.00	0.01	140.79	ppb
Barium	135-1	0.02	0.01	0.00	0.01	61.64	ppb
Barium	137-1	0.01	0.01	0.00	0.01	136.68	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	14.81	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	11-1	6.86	6.75	6.79	6.80	0.84	ppb
Boron	10-1	6.77	7.09	6.71	6.86	2.98	ppb
Cadmium	106-1	-4.23	-4.96	-2.40	-3.86		ppb
Cadmium	108-1	0.06	-0.01	0.03	0.03	136.60	ppb
Cadmium	111-1	-0.31	-0.36	-0.18	-0.28		ppb
Calcium	43-1	1.03	0.59	0.15	0.59	74.84	ppb
Calcium	44-1	-1.49	-2.19	-1.64	-1.77		ppb
Chromium	52-2	0.04	-0.01	-0.01	0.01	418.20	ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	70.25	ppb
Copper	63-2	0.08	0.08	0.08	0.08	4.39	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				109		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				104		%
Iron	56-2	1.02	0.81	0.63	0.82	23.84	ppb
Iron	57-2	2.00	0.79	0.68	1.16	63.06	ppb
Lead	207-1	0.06	0.06	0.05	0.06	12.69	ppb
Lead	208-1	0.06	0.06	0.06	0.06	1.96	ppb
Lead	206-1	0.05	0.06	0.08	0.06	19.57	ppb
Lithium	6-1				89		%
Magnesium	24-2	2.24	1.31	0.96	1.50	44.16	ppb
Manganese	55-2	0.01	0.00	0.02	0.01	102.12	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:52:59	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.37	0.32	0.33	0.34	6.71	ppb
Molybdenum	98-1	0.35	0.30	0.31	0.32	8.55	ppb
Molybdenum	94-1	0.26	0.26	0.21	0.24	10.89	ppb
Molybdenum	95-1	0.37	0.32	0.32	0.33	8.19	ppb
Molybdenum	96-1	0.35	0.29	0.31	0.32	9.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-31.50	-30.45	-37.96	-33.30		ppb
Potassium	39-2	11.40	3.81	8.76	7.99	48.23	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	-0.03	0.37	-0.17	0.06	481.98	ppb
Selenium	82-1	-0.11	-0.22	0.15	-0.06		ppb
Silicon	28-1	-2.78	-5.47	-4.68	-4.31		ppb
Silver	109-1	0.03	0.03	0.04	0.04	14.63	ppb
Silver	107-1	0.02	0.03	0.04	0.03	25.52	ppb
Sodium	23-2	19.54	17.92	17.04	18.17	6.97	ppb
Strontium	86-1	0.00	0.00	0.01	0.00	481.91	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	173.54	ppb
Sulfur	34-1	-1110.73	-1538.73	-1352.52	-1333.99		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.07	0.06	0.06	9.71	ppb
Thallium	205-1	0.06	0.06	0.07	0.06	11.99	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	11.10	ppb
Tin	118-1	0.03	-0.02	0.00	0.01	536.00	ppb
Titanium	47-1	0.00	-0.03	0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	61.94	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	18.99	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	0.03	-0.03	-0.14	-0.04		ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:52:59	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.01	56.14	ppb
Zirconium	91-1	0.03	0.00	-0.01	0.01	300.94	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:56:33	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.84	7.54	8.15	7.84	3.84	ppb
Antimony	121-1	0.16	0.18	0.18	0.17	8.10	ppb
Arsenic	75-2	11.41	11.54	11.49	11.48	0.59	ppb
Barium	135-1	4.23	4.05	4.15	4.14	2.15	ppb
Barium	137-1	4.01	4.06	4.01	4.03	0.71	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	12.58	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	11-1	9.33	10.04	10.11	9.82	4.39	ppb
Boron	10-1	8.84	9.69	9.20	9.24	4.60	ppb
Cadmium	106-1	-3.57	-4.25	-5.15	-4.32		ppb
Cadmium	108-1	0.25	0.35	0.08	0.23	61.13	ppb
Cadmium	111-1	-0.06	-0.09	-0.14	-0.10		ppb
Calcium	43-1	6874.73	6976.48	6899.55	6916.92	0.77	ppb
Calcium	44-1	6917.30	6995.92	6946.22	6953.15	0.57	ppb
Chromium	52-2	0.22	0.24	0.26	0.24	7.01	ppb
Cobalt	59-2	0.06	0.04	0.06	0.05	14.46	ppb
Copper	63-2	0.82	0.88	0.85	0.85	4.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				112		%
Indium	115-2				107		%
Iron	56-2	782.66	783.61	774.22	780.16	0.66	ppb
Iron	57-2	795.41	811.57	785.85	797.61	1.63	ppb
Lead	207-1	0.16	0.13	0.13	0.14	10.38	ppb
Lead	208-1	0.15	0.14	0.13	0.14	10.05	ppb
Lead	206-1	0.16	0.13	0.12	0.14	12.65	ppb
Lithium	6-1				89		%
Magnesium	24-2	1348.21	1345.18	1328.55	1340.65	0.79	ppb
Manganese	55-2	58.42	58.90	58.49	58.60	0.44	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:56:33	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.83	0.78	0.76	0.79	4.63	ppb
Molybdenum	98-1	0.79	0.76	0.75	0.77	2.51	ppb
Molybdenum	94-1	0.61	0.57	0.56	0.58	4.68	ppb
Molybdenum	95-1	0.83	0.79	0.74	0.79	5.90	ppb
Molybdenum	96-1	0.76	0.79	0.68	0.74	7.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.23	0.24	0.23	2.51	ppb
Phosphorus	31-2	-3.15	-3.79	-23.30	-10.08		ppb
Potassium	39-2	835.95	835.69	842.76	838.13	0.48	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	0.16	0.16	-0.09	0.08	189.51	ppb
Selenium	78-2	0.49	0.72	0.79	0.67	23.98	ppb
Selenium	82-1	0.28	0.09	0.16	0.18	55.58	ppb
Silicon	28-1	727.54	732.90	723.93	728.12	0.62	ppb
Silver	109-1	0.10	0.10	0.12	0.11	9.18	ppb
Silver	107-1	0.10	0.11	0.11	0.11	8.19	ppb
Sodium	23-2	6870.34	6914.97	6813.85	6866.38	0.74	ppb
Strontium	86-1	29.40	29.33	28.39	29.04	1.94	ppb
Strontium	88-1	28.88	29.25	29.15	29.10	0.65	ppb
Sulfur	34-1	-740.62	-698.68	-691.79	-710.36		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.12	0.11	0.12	13.54	ppb
Thallium	205-1	0.15	0.13	0.12	0.13	13.15	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	10.28	ppb
Tin	118-1	0.08	0.07	0.08	0.08	8.31	ppb
Titanium	47-1	0.45	0.43	0.43	0.44	2.07	ppb
Uranium	238-1	0.11	0.12	0.11	0.11	3.52	ppb
Vanadium	51-2	0.11	0.13	0.10	0.11	14.55	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	13.45	13.87	13.24	13.52	2.36	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:56:33	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.01	89.18	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	41.74	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	FL-0565LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-04 14:00:07	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.76	3.05	2.23	2.68	15.49	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	16.31	ppb
Arsenic	75-2	2.00	2.12	2.18	2.10	4.31	ppb
Barium	135-1	0.80	0.79	0.77	0.79	2.44	ppb
Barium	137-1	0.77	0.81	0.75	0.78	4.01	ppb
Beryllium	9-1	0.03	0.03	0.05	0.04	36.35	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	11-1	5.96	5.57	5.37	5.63	5.32	ppb
Boron	10-1	5.26	4.76	4.96	4.99	5.08	ppb
Cadmium	106-1	-3.79	-4.02	-4.49	-4.10		ppb
Cadmium	108-1	0.07	0.06	0.06	0.06	4.02	ppb
Cadmium	111-1	-0.23	-0.27	-0.30	-0.27		ppb
Calcium	43-1	1349.58	1301.03	1296.51	1315.71	2.24	ppb
Calcium	44-1	1308.04	1281.21	1276.83	1288.69	1.31	ppb
Chromium	52-2	0.07	0.08	0.09	0.08	10.48	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	19.79	ppb
Copper	63-2	0.31	0.27	0.27	0.28	7.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				106		%
Iron	56-2	150.29	144.88	145.00	146.73	2.10	ppb
Iron	57-2	154.47	149.39	151.74	151.87	1.67	ppb
Lead	207-1	0.12	0.12	0.12	0.12	1.85	ppb
Lead	208-1	0.12	0.12	0.11	0.12	2.34	ppb
Lead	206-1	0.12	0.13	0.11	0.12	6.51	ppb
Lithium	6-1				89		%
Magnesium	24-2	257.74	251.85	251.34	253.64	1.40	ppb
Manganese	55-2	11.52	10.88	10.80	11.07	3.54	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	FL-0565LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-04 14:00:07	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.33	0.26	0.23	0.28	18.49	ppb
Molybdenum	98-1	0.28	0.28	0.25	0.27	6.84	ppb
Molybdenum	94-1	0.21	0.20	0.20	0.20	2.46	ppb
Molybdenum	95-1	0.30	0.26	0.29	0.28	5.76	ppb
Molybdenum	96-1	0.31	0.24	0.30	0.28	12.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.06	0.07	0.06	10.98	ppb
Phosphorus	31-2	-17.48	-28.57	-38.80	-28.28		ppb
Potassium	39-2	171.39	156.43	157.51	161.78	5.16	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	-0.47	-0.43	0.03	-0.29		ppb
Selenium	82-1	-0.30	-0.11	-0.11	-0.18		ppb
Silicon	28-1	154.51	148.93	149.41	150.95	2.05	ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.14	ppb
Silver	107-1	0.04	0.04	0.04	0.04	6.51	ppb
Sodium	23-2	1311.56	1255.42	1257.97	1274.98	2.49	ppb
Strontium	86-1	5.56	5.34	5.28	5.39	2.67	ppb
Strontium	88-1	5.59	5.40	5.46	5.48	1.81	ppb
Sulfur	34-1	-806.11	-1037.10	-987.91	-943.71		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.03	0.04	0.03	13.88	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.62	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	22.31	ppb
Tin	118-1	0.03	0.03	0.02	0.03	16.85	ppb
Titanium	47-1	0.23	0.09	0.15	0.16	46.15	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.01	ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	21.36	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	3.18	2.67	3.05	2.97	8.87	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	FL-0565LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-04 14:00:07	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	2210.61	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	325.34	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:03:41	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2006.52	1978.99	2039.89	2008.47	1.52	ppb
Antimony	121-1	104.20	109.35	110.57	108.04	3.13	ppb
Arsenic	75-2	120.87	120.05	121.62	120.85	0.65	ppb
Barium	135-1	517.55	535.45	545.22	532.74	2.63	ppb
Barium	137-1	516.65	536.57	538.53	530.58	2.28	ppb
Beryllium	9-1	108.76	112.90	111.17	110.95	1.88	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	11-1	112.13	117.65	121.91	117.23	4.18	ppb
Boron	10-1	110.24	115.97	119.96	115.39	4.24	ppb
Cadmium	106-1	104.59	110.12	109.28	108.00	2.76	ppb
Cadmium	108-1	108.78	111.26	114.22	111.42	2.45	ppb
Cadmium	111-1	108.55	113.24	112.77	111.52	2.32	ppb
Calcium	43-1	17022.59	17751.53	17985.42	17586.52	2.86	ppb
Calcium	44-1	16993.67	17744.18	17763.60	17500.48	2.51	ppb
Chromium	52-2	106.54	104.94	108.15	106.54	1.51	ppb
Cobalt	59-2	109.33	106.90	109.55	108.59	1.35	ppb
Copper	63-2	219.09	212.38	223.78	218.41	2.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	6204.86	6065.64	6240.05	6170.18	1.49	ppb
Iron	57-2	6313.97	6111.85	6302.86	6242.89	1.82	ppb
Lead	207-1	99.31	101.39	101.71	100.80	1.29	ppb
Lead	208-1	100.18	102.93	102.95	102.02	1.56	ppb
Lead	206-1	101.83	104.34	105.09	103.75	1.65	ppb
Lithium	6-1				89		%
Magnesium	24-2	12259.55	12080.63	12465.44	12268.54	1.57	ppb
Manganese	55-2	262.91	262.19	269.53	264.88	1.53	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:03:41	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	499.85	520.02	514.64	511.50	2.04	ppb
Molybdenum	98-1	501.70	518.20	518.64	512.85	1.88	ppb
Molybdenum	94-1	500.93	523.40	521.06	515.13	2.40	ppb
Molybdenum	95-1	497.07	519.99	518.61	511.89	2.51	ppb
Molybdenum	96-1	498.04	517.31	518.72	511.35	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.21	110.27	113.75	112.07	1.56	ppb
Phosphorus	31-2	2.71	-11.79	-7.70	-5.59		ppb
Potassium	39-2	5840.66	5838.44	5965.83	5881.64	1.24	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	77-2	111.24	106.37	109.96	109.19	2.31	ppb
Selenium	78-2	112.27	112.13	111.30	111.90	0.47	ppb
Selenium	82-1	105.70	110.46	111.82	109.32	2.94	ppb
Silicon	28-1	777.95	817.13	822.21	805.76	3.01	ppb
Silver	109-1	102.97	106.45	107.13	105.52	2.12	ppb
Silver	107-1	102.94	106.90	107.11	105.65	2.23	ppb
Sodium	23-2	17499.77	17285.86	17650.05	17478.56	1.05	ppb
Strontium	86-1	129.69	135.75	133.73	133.06	2.32	ppb
Strontium	88-1	129.32	135.35	134.96	133.21	2.53	ppb
Sulfur	34-1	-970.48	-656.66	-625.79	-750.98		ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	99.24	103.16	102.98	101.79	2.17	ppb
Thallium	205-1	100.20	103.27	103.43	102.30	1.78	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	3.00	ppb
Tin	118-1	102.20	106.51	107.47	105.39	2.67	ppb
Titanium	47-1	499.57	514.00	522.35	511.97	2.25	ppb
Uranium	238-1	99.65	102.37	102.65	101.56	1.64	ppb
Vanadium	51-2	105.40	104.50	106.45	105.45	0.93	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	234.16	230.09	236.34	233.53	1.36	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:03:41	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	99.42	103.94	103.00	102.12	2.34	ppb
Zirconium	91-1	100.31	104.53	104.83	103.22	2.45	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:07:16	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2059.60	2157.96	1967.32	2061.63	4.62	ppb
Antimony	121-1	107.05	106.29	106.81	106.72	0.36	ppb
Arsenic	75-2	122.87	129.55	117.03	123.15	5.09	ppb
Barium	135-1	529.14	525.32	529.67	528.04	0.45	ppb
Barium	137-1	526.63	514.13	523.27	521.34	1.24	ppb
Beryllium	9-1	111.72	111.10	109.90	110.91	0.83	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	11-1	119.86	119.74	121.07	120.22	0.62	ppb
Boron	10-1	117.73	116.56	120.20	118.17	1.57	ppb
Cadmium	106-1	106.74	105.28	105.04	105.69	0.87	ppb
Cadmium	108-1	111.47	109.82	107.31	109.53	1.91	ppb
Cadmium	111-1	110.18	111.05	110.82	110.68	0.41	ppb
Calcium	43-1	17562.83	17612.82	17582.23	17585.96	0.14	ppb
Calcium	44-1	17441.62	17527.65	17465.68	17478.32	0.25	ppb
Chromium	52-2	109.94	114.68	104.47	109.70	4.66	ppb
Cobalt	59-2	111.94	115.99	105.61	111.18	4.70	ppb
Copper	63-2	225.68	234.75	212.86	224.43	4.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				111		%
Indium	115-2				101		%
Iron	56-2	6327.17	6659.36	5993.94	6326.82	5.26	ppb
Iron	57-2	6405.49	6744.20	6117.87	6422.52	4.88	ppb
Lead	207-1	101.50	101.02	100.51	101.01	0.49	ppb
Lead	208-1	102.84	102.31	101.80	102.32	0.51	ppb
Lead	206-1	103.86	104.35	103.27	103.83	0.52	ppb
Lithium	6-1				89		%
Magnesium	24-2	12723.47	13277.17	12081.94	12694.19	4.71	ppb
Manganese	55-2	272.52	285.63	259.40	272.52	4.81	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:07:16	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	511.16	511.31	505.53	509.33	0.65	ppb
Molybdenum	98-1	514.33	513.49	508.84	512.22	0.58	ppb
Molybdenum	94-1	516.53	514.24	504.94	511.90	1.20	ppb
Molybdenum	95-1	512.62	513.18	510.90	512.23	0.23	ppb
Molybdenum	96-1	512.22	511.07	511.07	511.45	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.92	120.54	108.80	115.09	5.14	ppb
Phosphorus	31-2	-5.74	-23.12	-19.48	-16.11		ppb
Potassium	39-2	5984.69	6334.56	5672.60	5997.28	5.52	ppb
Rhodium	103-1				110		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	77-2	102.00	103.02	109.96	104.99	4.13	ppb
Selenium	78-2	113.16	119.28	106.90	113.11	5.48	ppb
Selenium	82-1	110.03	110.37	111.05	110.48	0.47	ppb
Silicon	28-1	794.66	796.82	793.93	795.14	0.19	ppb
Silver	109-1	104.11	104.71	103.71	104.18	0.49	ppb
Silver	107-1	105.48	104.49	104.11	104.70	0.68	ppb
Sodium	23-2	18104.54	18878.27	17257.59	18080.13	4.48	ppb
Strontium	86-1	135.43	134.11	132.90	134.15	0.95	ppb
Strontium	88-1	134.17	133.19	132.62	133.33	0.59	ppb
Sulfur	34-1	-1052.02	-974.26	-1057.65	-1027.98		ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	102.32	102.59	100.88	101.93	0.90	ppb
Thallium	205-1	103.30	103.51	101.55	102.79	1.05	ppb
Thorium	232-1	0.02	0.03	0.02	0.02	6.81	ppb
Tin	118-1	105.13	103.47	104.04	104.21	0.81	ppb
Titanium	47-1	509.42	509.06	509.86	509.45	0.08	ppb
Uranium	238-1	101.81	101.66	101.46	101.64	0.17	ppb
Vanadium	51-2	108.33	113.80	103.18	108.44	4.89	ppb
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	238.32	248.34	225.94	237.53	4.72	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:07:16	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	102.33	101.60	100.58	101.50	0.86	ppb
Zirconium	91-1	104.38	103.80	102.62	103.60	0.86	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:10:51	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1980.16	1947.43	1987.82	1971.80	1.09	ppb
Antimony	121-1	105.66	106.58	106.40	106.21	0.46	ppb
Arsenic	75-2	119.11	116.60	119.58	118.43	1.35	ppb
Barium	135-1	525.23	528.81	528.50	527.51	0.38	ppb
Barium	137-1	524.97	526.14	526.31	525.81	0.14	ppb
Beryllium	9-1	109.26	109.46	109.25	109.32	0.11	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	11-1	116.77	120.61	118.19	118.52	1.64	ppb
Boron	10-1	113.88	119.58	117.16	116.87	2.45	ppb
Cadmium	106-1	107.62	106.34	107.72	107.23	0.72	ppb
Cadmium	108-1	108.61	109.76	111.80	110.06	1.47	ppb
Cadmium	111-1	109.17	109.91	111.11	110.06	0.89	ppb
Calcium	43-1	17421.80	17694.14	17591.16	17569.03	0.78	ppb
Calcium	44-1	17293.34	17494.42	17377.43	17388.40	0.58	ppb
Chromium	52-2	105.37	104.53	105.71	105.20	0.58	ppb
Cobalt	59-2	106.55	106.33	106.78	106.55	0.21	ppb
Copper	63-2	219.99	216.03	217.27	217.76	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	6106.35	6046.85	6094.35	6082.51	0.52	ppb
Iron	57-2	6159.80	6121.86	6206.12	6162.59	0.68	ppb
Lead	207-1	99.91	99.90	100.81	100.20	0.52	ppb
Lead	208-1	100.89	101.08	101.84	101.27	0.50	ppb
Lead	206-1	101.70	103.11	103.51	102.77	0.93	ppb
Lithium	6-1				87		%
Magnesium	24-2	12097.37	12184.60	12164.85	12148.94	0.38	ppb
Manganese	55-2	261.92	260.64	261.33	261.29	0.25	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:10:51	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	506.22	503.16	506.20	505.19	0.35	ppb
Molybdenum	98-1	509.39	507.67	508.31	508.45	0.17	ppb
Molybdenum	94-1	512.24	510.54	507.84	510.21	0.44	ppb
Molybdenum	95-1	508.12	507.26	512.87	509.42	0.59	ppb
Molybdenum	96-1	504.74	505.32	509.11	506.39	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.14	110.79	111.70	110.54	1.17	ppb
Phosphorus	31-2	-12.80	1.75	-17.28	-9.44		ppb
Potassium	39-2	5765.19	5724.83	5780.31	5756.78	0.50	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	77-2	112.39	114.07	115.49	113.98	1.36	ppb
Selenium	78-2	104.08	110.61	109.72	108.14	3.28	ppb
Selenium	82-1	109.08	109.02	107.99	108.70	0.57	ppb
Silicon	28-1	796.99	804.19	783.12	794.77	1.35	ppb
Silver	109-1	103.15	104.01	104.22	103.79	0.54	ppb
Silver	107-1	104.06	104.54	104.97	104.52	0.44	ppb
Sodium	23-2	17407.09	17289.98	17402.87	17366.65	0.38	ppb
Strontium	86-1	131.22	133.39	134.78	133.13	1.35	ppb
Strontium	88-1	131.48	133.10	133.58	132.72	0.83	ppb
Sulfur	34-1	-1136.75	-1079.87	-1227.65	-1148.09		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	100.38	102.14	100.91	101.14	0.89	ppb
Thallium	205-1	99.94	102.23	102.28	101.48	1.32	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	9.62	ppb
Tin	118-1	104.11	104.91	104.01	104.34	0.47	ppb
Titanium	47-1	509.72	509.22	506.23	508.39	0.37	ppb
Uranium	238-1	100.41	99.61	101.59	100.54	0.99	ppb
Vanadium	51-2	103.78	103.12	104.25	103.72	0.55	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	233.60	227.41	227.22	229.41	1.58	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:10:51	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	101.78	101.25	101.40	101.48	0.27	ppb
Zirconium	91-1	102.12	102.36	102.78	102.42	0.33	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 14:33:58	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52326.07	52054.30	51971.84	52117.40	0.36	ppb
Antimony	121-1	503.21	500.32	498.03	500.52	0.52	ppb
Arsenic	75-2	501.48	501.89	499.74	501.04	0.23	ppb
Barium	135-1	2531.28	2545.29	2522.42	2532.99	0.46	ppb
Barium	137-1	2515.99	2541.86	2508.95	2522.27	0.69	ppb
Beryllium	9-1	519.51	516.02	527.16	520.90	1.09	ppb
Bismuth	209-1				90		%
Bismuth	209-2				85		%
Boron	11-1	513.99	522.17	535.84	524.00	2.11	ppb
Boron	10-1	507.73	516.48	541.43	521.88	3.35	ppb
Cadmium	106-1	492.99	493.67	498.66	495.11	0.63	ppb
Cadmium	108-1	483.22	486.78	490.10	486.70	0.71	ppb
Cadmium	111-1	479.79	480.59	483.92	481.44	0.45	ppb
Calcium	43-1	244682.43	244782.14	243695.73	244386.77	0.25	ppb
Calcium	44-1	244078.57	244625.60	242564.57	243756.25	0.44	ppb
Chromium	52-2	532.20	530.64	527.43	530.09	0.46	ppb
Cobalt	59-2	511.74	509.33	506.71	509.26	0.49	ppb
Copper	63-2	987.68	984.71	979.27	983.89	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	128482.18	128659.93	127551.51	128231.21	0.46	ppb
Iron	57-2	129175.01	129402.85	128120.10	128899.32	0.53	ppb
Lead	207-1	516.49	523.70	515.42	518.54	0.87	ppb
Lead	208-1	517.20	523.85	518.67	519.90	0.67	ppb
Lead	206-1	518.19	525.72	523.14	522.35	0.73	ppb
Lithium	6-1				86		%
Magnesium	24-2	252213.91	252234.37	252039.27	252162.52	0.04	ppb
Manganese	55-2	1006.47	1004.23	997.87	1002.86	0.45	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 14:33:58	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	2528.38	2544.70	2556.33	2543.14	0.55	ppb
Molybdenum	98-1	2535.99	2553.28	2555.74	2548.34	0.42	ppb
Molybdenum	94-1	2541.07	2558.79	2564.56	2554.81	0.48	ppb
Molybdenum	95-1	2529.08	2552.00	2554.05	2545.04	0.54	ppb
Molybdenum	96-1	2527.34	2544.15	2564.37	2545.28	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.81	515.13	513.74	513.89	0.23	ppb
Phosphorus	31-2	10284.16	10142.91	10061.75	10162.94	1.11	ppb
Potassium	39-2	122465.54	122507.55	122192.37	122388.49	0.14	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	459.92	487.01	490.05	478.99	3.46	ppb
Selenium	78-2	480.15	491.39	481.92	484.49	1.25	ppb
Selenium	82-1	473.22	483.60	485.08	480.63	1.34	ppb
Silicon	28-1	541.13	559.16	555.74	552.01	1.73	ppb
Silver	109-1	486.35	489.28	485.58	487.07	0.40	ppb
Silver	107-1	484.86	486.97	486.40	486.07	0.22	ppb
Sodium	23-2	255488.42	253287.60	251019.90	253265.31	0.88	ppb
Strontium	86-1	494.84	498.71	504.75	499.43	1.00	ppb
Strontium	88-1	509.29	512.46	511.58	511.11	0.32	ppb
Sulfur	34-1	10445.15	10284.17	10231.01	10320.11	1.08	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	518.40	526.38	525.80	523.53	0.85	ppb
Thallium	205-1	519.22	525.12	525.42	523.26	0.67	ppb
Thorium	232-1	528.54	531.70	525.43	528.56	0.59	ppb
Tin	118-1	503.64	501.38	498.06	501.03	0.56	ppb
Titanium	47-1	2543.34	2552.81	2554.39	2550.18	0.23	ppb
Uranium	238-1	528.49	537.23	527.98	531.23	0.98	ppb
Vanadium	51-2	516.14	511.90	509.88	512.64	0.62	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	962.81	959.52	955.86	959.40	0.36	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 14:33:58	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	509.27	516.05	510.94	512.09	0.69	ppb
Zirconium	91-1	498.08	502.57	505.80	502.15	0.77	ppb

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : CCB77 Instrumnet Name : P7
 Client Sample ID : CCB77 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 14:51:07 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.09	0.91	0.94	0.98	9.97	ppb
Antimony	121-1	0.02	0.03	0.03	0.02	15.52	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	308.85	ppb
Barium	135-1	0.01	0.01	0.01	0.01	25.14	ppb
Barium	137-1	0.01	0.01	0.01	0.01	12.26	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	20.18	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	11-1	3.27	3.40	3.33	3.33	1.99	ppb
Boron	10-1	3.24	3.70	2.61	3.18	17.06	ppb
Cadmium	106-1	-4.99	-5.09	-5.97	-5.35		ppb
Cadmium	108-1	-0.02	0.04	0.01	0.01	373.85	ppb
Cadmium	111-1	-0.37	-0.38	-0.44	-0.40		ppb
Calcium	43-1	-0.13	0.68	-0.53	0.01	6221.57	ppb
Calcium	44-1	-2.24	-2.29	-1.76	-2.10		ppb
Chromium	52-2	0.03	0.00	0.00	0.01	162.69	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	51.37	ppb
Copper	63-2	0.05	0.04	0.03	0.04	24.12	ppb
Dysprosium	156-1						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				103		%
Indium	115-2				103		%
Iron	56-2	0.76	0.73	0.76	0.75	2.61	ppb
Iron	57-2	1.90	0.88	1.63	1.47	36.02	ppb
Lead	207-1	0.03	0.03	0.02	0.02	28.44	ppb
Lead	208-1	0.03	0.03	0.03	0.03	1.76	ppb
Lead	206-1	0.03	0.02	0.03	0.03	16.15	ppb
Lithium	6-1				91		%
Magnesium	24-2	1.28	1.20	1.23	1.24	3.20	ppb
Manganese	55-2	0.01	0.02	0.00	0.01	129.10	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P7
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 14:51:07	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	97-1	0.18	0.16	0.13	0.16	15.05	ppb
Molybdenum	98-1	0.14	0.12	0.13	0.13	6.83	ppb
Molybdenum	94-1	0.11	0.08	0.08	0.09	17.19	ppb
Molybdenum	95-1	0.12	0.15	0.12	0.13	13.74	ppb
Molybdenum	96-1	0.12	0.13	0.11	0.12	6.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-34.88	-12.93	-11.83	-19.88		ppb
Potassium	39-2	5.63	6.67	3.95	5.42	25.27	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	-0.09	-0.09	-0.09	-0.09		ppb
Selenium	78-2	-0.43	0.10	-0.24	-0.19		ppb
Selenium	82-1	-0.16	-0.26	-0.01	-0.15		ppb
Silicon	28-1	-1.96	-1.66	-1.91	-1.84		ppb
Silver	109-1	0.01	0.02	0.01	0.01	23.82	ppb
Silver	107-1	0.01	0.01	0.01	0.01	6.24	ppb
Sodium	23-2	12.43	12.83	12.24	12.50	2.40	ppb
Strontium	86-1	0.01	0.01	-0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	125.74	ppb
Sulfur	34-1	-373.53	-296.05	-303.94	-324.50		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.04	0.04	0.04	8.67	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	7.03	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	11.38	ppb
Tin	118-1	-0.04	-0.03	-0.02	-0.03		ppb
Titanium	47-1	0.02	0.01	-0.01	0.00	424.78	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	23.16	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	250.07	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	0.66	0.58	0.44	0.56	20.08	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCB77	Instrumnet Name :	P7
Client Sample ID :	CCB77	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 14:51:07	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	57.27	ppb
Zirconium	91-1	0.03	0.01	0.01	0.02	41.97	ppb

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:29:24	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	58	33	47	26.97	cps
Antimony	121-1	108	50	67	75	40.06	cps
Arsenic	75-2	11	7	6	8	35.21	cps
Barium	135-1	8	8	58	25	115.49	cps
Barium	137-1	58	50	33	47	26.97	cps
Beryllium	9-1	33	39	56	43	27.16	cps
Bismuth	209-1	14725264	14495879	14661539	14627561	0.81	cps
Bismuth	209-2	8314279	8413666	8325096	8351014	0.65	cps
Boron	11-1	2284	2309	2575	2389	6.77	cps
Boron	10-1	583	567	517	556	6.24	cps
Cadmium	106-1	9495	9162	9370	9342	1.80	cps
Cadmium	108-1	17	13	25	18	35.25	cps
Cadmium	111-1	6643	6409	6546	6533	1.81	cps
Calcium	43-1	250	208	225	228	9.21	cps
Calcium	44-1	15017	14224	15234	14825	3.58	cps
Chromium	52-2	797	670	550	672	18.35	cps
Cobalt	59-2	50	73	70	64	19.58	cps
Copper	63-2	797	873	713	794	10.07	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-1	33	42	75	50	44.10	cps
Erbium	164-2	30	30	37	32	11.95	cps
Gadolinium	160-1	158	217	233	203	19.42	cps
Gadolinium	160-2	347	380	407	378	7.96	cps
Holmium	165-1	22848365	22641432	22705962	22731920	0.47	cps
Holmium	165-2	11806441	11781656	11737262	11775120	0.30	cps
Indium	115-1	17977619	17964837	17961280	17967912	0.05	cps
Indium	115-2	3639521	3616672	3604855	3620349	0.49	cps
Iron	56-2	5462	4995	5168	5208	4.53	cps
Iron	57-2	244	339	206	263	26.08	cps
Lead	207-1	261	289	261	270	5.93	cps
Lead	208-1	1128	1217	1167	1170	3.81	cps
Lead	206-1	261	300	289	283	7.07	cps
Lithium	6-1	5204599	5183663	5197977	5195413	0.21	cps
Magnesium	24-2	100	117	108	108	7.69	cps
Manganese	55-2	43	63	50	52	19.50	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:29:24	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	33	83	33	50	57.75	cps
Molybdenum	98-1	108	92	125	108	15.39	cps
Molybdenum	94-1	458	525	533	506	8.13	cps
Molybdenum	95-1	42	58	92	64	39.85	cps
Molybdenum	96-1	200	192	217	203	6.28	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	63	60	57	60	5.55	cps
Phosphorus	31-2	692	667	717	692	3.61	cps
Potassium	39-2	34591	33012	33129	33578	2.62	cps
Rhodium	103-1	16721238	16671574	16781505	16724772	0.33	cps
Rhodium	103-2	8255958	8234628	8231805	8240797	0.16	cps
Scandium	45-1	11551357	11555585	11552006	11552983	0.02	cps
Scandium	45-2	563558	557430	560423	560470	0.55	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	83	94	80	86	8.99	cps
Selenium	82-1	172	77	-4	82	108.33	cps
Silicon	28-1	393993	393353	389976	392441	0.55	cps
Silver	109-1	83	25	17	42	87.18	cps
Silver	107-1	117	133	150	133	12.50	cps
Sodium	23-2	15959	16226	16009	16065	0.88	cps
Strontium	86-1	933	1083	792	936	15.58	cps
Strontium	88-1	225	175	158	186	18.64	cps
Sulfur	34-1	548334	551623	550346	550101	0.30	cps
Terbium	159-1	23373628	23131549	23268009	23257729	0.52	cps
Terbium	159-2	11737767	11746686	11612300	11698918	0.64	cps
Thallium	203-1	67	58	83	69	18.33	cps
Thallium	205-1	150	117	150	139	13.86	cps
Thorium	232-1	150	161	167	159	5.33	cps
Tin	118-1	1909	2142	1917	1989	6.66	cps
Titanium	47-1	117	167	133	139	18.33	cps
Uranium	238-1	42	75	58	58	28.57	cps
Vanadium	51-2	10	10	0	7	86.60	cps
Yttrium	89-1	18355605	18438153	18400575	18398111	0.22	cps
Yttrium	89-2	2781181	2766671	2756758	2768203	0.44	cps
Zinc	66-2	797	780	703	760	6.55	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:29:24	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1725	1592	1750	1689	5.04	cps
Zirconium	91-1	317	342	258	306	14.00	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:37:58	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3050	3209	3442	3234	6.09	cps
Antimony	121-1	24263	24890	24856	24670	1.43	cps
Arsenic	75-2	444	461	435	447	2.94	cps
Barium	135-1	31027	31996	31253	31425	1.61	cps
Barium	137-1	54901	55210	53989	54700	1.16	cps
Beryllium	9-1	3278	3123	3056	3152	3.62	cps
Bismuth	209-1	14758749	14833331	14890068	14827383	0.44	cps
Bismuth	209-2	8452690	8463212	8515297	8477066	0.40	cps
Boron	11-1	51005	52258	52835	52033	1.80	cps
Boron	10-1	11997	11130	11955	11694	4.18	cps
Cadmium	106-1	9787	9362	9604	9584	2.23	cps
Cadmium	108-1	308	246	263	272	11.89	cps
Cadmium	111-1	10227	9865	10043	10045	1.80	cps
Calcium	43-1	19405	19280	20598	19761	3.68	cps
Calcium	44-1	332207	337424	335033	334888	0.78	cps
Chromium	52-2	10040	10117	10257	10138	1.08	cps
Cobalt	59-2	6642	7199	6978	6940	4.04	cps
Copper	63-2	11071	10467	10924	10821	2.91	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-1	67	125	158	117	39.77	cps
Erbium	164-2	43	60	40	48	22.43	cps
Gadolinium	160-1	250	233	200	228	11.18	cps
Gadolinium	160-2	307	303	357	322	9.27	cps
Holmium	165-1	23278296	23456653	23375166	23370038	0.38	cps
Holmium	165-2	11990212	11981265	12077724	12016400	0.44	cps
Indium	115-1	18472985	18559941	18423128	18485352	0.37	cps
Indium	115-2	3675425	3708232	3707087	3696915	0.50	cps
Iron	56-2	188927	188993	190158	189360	0.37	cps
Iron	57-2	4951	5173	5057	5060	2.20	cps
Lead	207-1	9498	9787	9559	9615	1.58	cps
Lead	208-1	43423	43785	44680	43963	1.47	cps
Lead	206-1	10938	10866	11544	11116	3.35	cps
Lithium	6-1	5245366	5198933	5242065	5228788	0.50	cps
Magnesium	24-2	171902	176122	173368	173797	1.23	cps
Manganese	55-2	2737	2510	2817	2688	5.92	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:37:58	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	20215	20257	20198	20223	0.15	cps
Molybdenum	98-1	52640	51921	51226	51929	1.36	cps
Molybdenum	94-1	26976	27870	26860	27235	2.03	cps
Molybdenum	95-1	31895	32162	32555	32204	1.03	cps
Molybdenum	96-1	35737	35211	35286	35412	0.80	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1913	2130	2064	2036	5.45	cps
Phosphorus	31-2	775	758	858	797	6.72	cps
Potassium	39-2	194399	193911	194542	194284	0.17	cps
Rhodium	103-1	17022711	17219760	17191361	17144611	0.62	cps
Rhodium	103-2	8329995	8330394	8382034	8347474	0.36	cps
Scandium	45-1	11724956	11794910	11780099	11766655	0.31	cps
Scandium	45-2	560873	564988	570959	565607	0.90	cps
Selenium	77-2	50	80	73	68	23.24	cps
Selenium	78-2	311	261	319	297	10.52	cps
Selenium	82-1	1425	1319	1332	1358	4.25	cps
Silicon	28-1	528392	524896	521581	524956	0.65	cps
Silver	109-1	16460	16744	16418	16541	1.07	cps
Silver	107-1	17403	17703	17320	17475	1.16	cps
Sodium	23-2	342115	346790	348176	345694	0.92	cps
Strontium	86-1	5159	5318	5026	5168	2.83	cps
Strontium	88-1	36263	37157	37358	36926	1.58	cps
Sulfur	34-1	540130	543603	548262	543999	0.75	cps
Terbium	159-1	23740905	23804908	23880209	23808674	0.29	cps
Terbium	159-2	11848314	11914386	11954018	11905572	0.45	cps
Thallium	203-1	12782	13633	13833	13416	4.16	cps
Thallium	205-1	32750	31764	31940	32151	1.64	cps
Thorium	232-1	45363	44621	45107	45030	0.84	cps
Tin	118-1	56071	54716	56974	55920	2.03	cps
Titanium	47-1	9312	9128	9787	9409	3.61	cps
Uranium	238-1	44051	43574	43500	43708	0.68	cps
Vanadium	51-2	16549	16866	16873	16763	1.10	cps
Yttrium	89-1	18769915	18761087	18804614	18778539	0.12	cps
Yttrium	89-2	2824312	2829696	2854810	2836272	0.57	cps
Zinc	66-2	2084	2330	2140	2185	5.91	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:37:58	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	24313	24104	24664	24360	1.16	cps
Zirconium	91-1	5443	5210	5018	5223	4.08	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 11:41:51 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	155013	155482	153985	154827	0.49	cps
Antimony	121-1	656277	659109	656747	657377	0.23	cps
Arsenic	75-2	23506	24018	24252	23925	1.59	cps
Barium	135-1	835724	834794	839002	836507	0.26	cps
Barium	137-1	1450542	1450666	1443016	1448075	0.30	cps
Beryllium	9-1	165840	166341	167716	166632	0.58	cps
Bismuth	209-1	15238092	15918483	14977258	15377944	3.16	cps
Bismuth	209-2	8581025	8572762	8548855	8567547	0.20	cps
Boron	11-1	108630	107768	110343	108914	1.20	cps
Boron	10-1	23002	23294	24011	23436	2.22	cps
Cadmium	106-1	30384	30133	30208	30241	0.43	cps
Cadmium	108-1	14191	14091	14287	14189	0.69	cps
Cadmium	111-1	194588	192149	197187	194641	1.29	cps
Calcium	43-1	209699	214045	213260	212335	1.09	cps
Calcium	44-1	3438757	3435353	3445249	3439786	0.15	cps
Chromium	52-2	225707	223081	225483	224757	0.65	cps
Cobalt	59-2	364243	366822	365210	365425	0.36	cps
Copper	63-2	521157	522467	523817	522480	0.25	cps
Dysprosium	156-1	42	75	33	50	44.10	cps
Dysprosium	156-2	33	20	10	21	55.45	cps
Erbium	164-1	67	33	92	64	45.81	cps
Erbium	164-2	57	40	33	43	27.74	cps
Gadolinium	160-1	267	317	208	264	20.54	cps
Gadolinium	160-2	337	337	313	329	4.10	cps
Holmium	165-1	24310869	24925036	23697811	24311239	2.52	cps
Holmium	165-2	12192055	12227605	12300646	12240102	0.45	cps
Indium	115-1	18988965	19554866	18699504	19081111	2.28	cps
Indium	115-2	3735292	3699949	3704751	3713331	0.52	cps
Iron	56-2	9351706	9332138	9342472	9342105	0.10	cps
Iron	57-2	232229	236260	235691	234727	0.93	cps
Lead	207-1	495162	496042	498095	496433	0.30	cps
Lead	208-1	2223789	2230121	2237448	2230452	0.31	cps
Lead	206-1	557717	555981	560574	558091	0.42	cps
Lithium	6-1	5402892	5410212	5264302	5359135	1.53	cps
Magnesium	24-2	1820922	1817146	1808469	1815512	0.35	cps
Manganese	55-2	267462	267989	267398	267616	0.12	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:41:51	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1052781	1043237	1058007	1051342	0.71	cps
Molybdenum	98-1	2690684	2669148	2678438	2679423	0.40	cps
Molybdenum	94-1	1388744	1373115	1370053	1377304	0.73	cps
Molybdenum	95-1	1694127	1679853	1679644	1684541	0.49	cps
Molybdenum	96-1	1860315	1861654	1870988	1864319	0.31	cps
Neodymium	150-1	60	60	60	60	0.00	cps
Neodymium	150-2	3	20	10	11	75.52	cps
Nickel	60-2	100072	97935	97602	98536	1.36	cps
Phosphorus	31-2	9303	9887	10029	9740	3.95	cps
Potassium	39-2	878609	870915	878829	876118	0.51	cps
Rhodium	103-1	17571397	18138925	17201337	17637220	2.68	cps
Rhodium	103-2	8366894	8377084	8385341	8376439	0.11	cps
Scandium	45-1	12075877	12487291	11860661	12141276	2.62	cps
Scandium	45-2	569350	571017	575077	571814	0.52	cps
Selenium	77-2	717	610	570	632	11.99	cps
Selenium	78-2	2300	2400	2259	2320	3.12	cps
Selenium	82-1	13357	13775	13890	13674	2.05	cps
Silicon	28-1	926140	927978	937050	930389	0.63	cps
Silver	109-1	877866	885468	880451	881261	0.44	cps
Silver	107-1	918431	907480	918713	914875	0.70	cps
Sodium	23-2	3472430	3442225	3449240	3454632	0.46	cps
Strontium	86-1	219900	221736	224749	222128	1.10	cps
Strontium	88-1	1918033	1912766	1921232	1917343	0.22	cps
Sulfur	34-1	622494	617797	618920	619737	0.40	cps
Terbium	159-1	24786684	25604603	24288936	24893408	2.67	cps
Terbium	159-2	12059813	12101355	12109778	12090316	0.22	cps
Thallium	203-1	683598	694151	695419	691056	0.94	cps
Thallium	205-1	1634865	1621686	1659910	1638820	1.18	cps
Thorium	232-1	2289799	2280938	2294414	2288384	0.30	cps
Tin	118-1	559354	564756	567843	563984	0.76	cps
Titanium	47-1	480666	474466	479765	478299	0.70	cps
Uranium	238-1	2206725	2204469	2214631	2208608	0.24	cps
Vanadium	51-2	179811	179831	181082	180241	0.40	cps
Yttrium	89-1	19437468	19975870	19033796	19482378	2.43	cps
Yttrium	89-2	2862923	2869885	2866756	2866521	0.12	cps
Zinc	66-2	78694	77347	77618	77886	0.91	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:41:51	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1149634	1140392	1145089	1145038	0.40	cps
Zirconium	91-1	257332	256634	252948	255638	0.92	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 11:46:02 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	376457	378874	383687	379673	0.97	cps
Antimony	121-1	1614875	1629000	1649858	1631244	1.08	cps
Arsenic	75-2	59162	59417	60380	59653	1.08	cps
Barium	135-1	2062469	2078449	2076535	2072484	0.42	cps
Barium	137-1	3584174	3578522	3592886	3585194	0.20	cps
Beryllium	9-1	408603	404003	406915	406507	0.57	cps
Bismuth	209-1	14835869	15075324	15173722	15028305	1.16	cps
Bismuth	209-2	8407701	8480628	8481876	8456735	0.50	cps
Boron	11-1	253837	263531	262644	260004	2.06	cps
Boron	10-1	55612	55971	56565	56049	0.86	cps
Cadmium	106-1	59249	61268	61015	60511	1.82	cps
Cadmium	108-1	35332	35319	35733	35461	0.66	cps
Cadmium	111-1	470106	472925	474538	472523	0.47	cps
Calcium	43-1	519499	522447	523429	521791	0.39	cps
Calcium	44-1	8530623	8451647	8504175	8495481	0.47	cps
Chromium	52-2	550818	555982	551153	552651	0.52	cps
Cobalt	59-2	895926	892717	895032	894559	0.19	cps
Copper	63-2	1270343	1273153	1272190	1271896	0.11	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	33	40	23	32	26.04	cps
Erbium	164-1	100	58	83	81	26.03	cps
Erbium	164-2	33	30	33	32	5.97	cps
Gadolinium	160-1	258	317	300	292	10.30	cps
Gadolinium	160-2	383	323	307	338	11.94	cps
Holmium	165-1	23796971	24038423	23920599	23918664	0.50	cps
Holmium	165-2	12116202	12201915	12250455	12189524	0.56	cps
Indium	115-1	18511758	18582451	18601596	18565268	0.25	cps
Indium	115-2	3664394	3668954	3681102	3671483	0.24	cps
Iron	56-2	22896356	23093352	23122713	23037474	0.53	cps
Iron	57-2	574773	574320	576977	575357	0.25	cps
Lead	207-1	1224402	1242052	1242666	1236373	0.84	cps
Lead	208-1	5479193	5528368	5542646	5516736	0.60	cps
Lead	206-1	1378806	1377289	1383207	1379767	0.22	cps
Lithium	6-1	5135158	5186211	5146870	5156080	0.52	cps
Magnesium	24-2	4450635	4434671	4426876	4437394	0.27	cps
Manganese	55-2	652389	656674	654788	654617	0.33	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:46:02	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2588650	2566603	2586685	2580646	0.47	cps
Molybdenum	98-1	6633334	6526751	6625800	6595295	0.90	cps
Molybdenum	94-1	3385572	3407988	3422414	3405325	0.55	cps
Molybdenum	95-1	4136873	4175921	4151859	4154884	0.47	cps
Molybdenum	96-1	4570066	4575107	4595526	4580233	0.29	cps
Neodymium	150-1	140	167	120	142	16.46	cps
Neodymium	150-2	10	17	23	17	39.99	cps
Nickel	60-2	238420	238985	238671	238692	0.12	cps
Phosphorus	31-2	22877	22259	23018	22718	1.78	cps
Potassium	39-2	2083702	2089684	2076375	2083254	0.32	cps
Rhodium	103-1	17119045	16874392	17169489	17054309	0.93	cps
Rhodium	103-2	8234968	8215999	8280103	8243690	0.40	cps
Scandium	45-1	11751450	11710249	11770605	11744101	0.26	cps
Scandium	45-2	564360	561702	564052	563371	0.26	cps
Selenium	77-2	1523	1603	1633	1587	3.58	cps
Selenium	78-2	5271	5494	5438	5401	2.14	cps
Selenium	82-1	33510	33723	33726	33653	0.37	cps
Silicon	28-1	1689604	1710596	1713551	1704584	0.77	cps
Silver	109-1	2126432	2148970	2172828	2149410	1.08	cps
Silver	107-1	2249896	2258969	2246638	2251834	0.28	cps
Sodium	23-2	8482845	8479393	8455613	8472617	0.17	cps
Strontium	86-1	547543	546686	550263	548164	0.34	cps
Strontium	88-1	4723931	4721637	4732379	4725982	0.12	cps
Sulfur	34-1	717792	717354	711807	715651	0.47	cps
Terbium	159-1	24508696	24430524	24569714	24502978	0.28	cps
Terbium	159-2	12046544	12063108	12102489	12070714	0.24	cps
Thallium	203-1	1711304	1731099	1716967	1719790	0.59	cps
Thallium	205-1	4085494	4081380	4098687	4088520	0.22	cps
Thorium	232-1	5723607	5824354	5744012	5763991	0.92	cps
Tin	118-1	1391570	1389796	1395526	1392297	0.21	cps
Titanium	47-1	1179943	1192401	1181700	1184681	0.57	cps
Uranium	238-1	5465698	5559345	5494590	5506544	0.87	cps
Vanadium	51-2	443018	445312	444306	444212	0.26	cps
Yttrium	89-1	19042057	18979939	19023931	19015309	0.17	cps
Yttrium	89-2	2834245	2846083	2847050	2842459	0.25	cps
Zinc	66-2	188108	190455	190332	189632	0.70	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:46:02	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2861940	2865491	2853937	2860456	0.21	cps
Zirconium	91-1	634302	638238	640840	637793	0.52	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 11:49:49 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	742468	742894	745703	743688	0.24	cps
Antimony	121-1	3234748	3221939	3230299	3228995	0.20	cps
Arsenic	75-2	118242	117710	116658	117537	0.69	cps
Barium	135-1	4103361	4098071	4132013	4111148	0.44	cps
Barium	137-1	7148610	7144004	7150326	7147647	0.05	cps
Beryllium	9-1	776869	780850	777860	778527	0.27	cps
Bismuth	209-1	15027024	15078191	15037573	15047596	0.18	cps
Bismuth	209-2	8408270	8380328	8467662	8418753	0.53	cps
Boron	11-1	500713	505871	515316	507300	1.46	cps
Boron	10-1	105115	107598	109294	107336	1.96	cps
Cadmium	106-1	109479	107657	107833	108323	0.93	cps
Cadmium	108-1	69570	67975	68892	68812	1.16	cps
Cadmium	111-1	913865	927987	916250	919368	0.82	cps
Calcium	43-1	1030207	1021553	1024561	1025440	0.43	cps
Calcium	44-1	16891428	16733194	16758811	16794477	0.51	cps
Chromium	52-2	1081580	1080896	1085192	1082556	0.21	cps
Cobalt	59-2	1748116	1753745	1756856	1752906	0.25	cps
Copper	63-2	2479604	2465194	2468703	2471167	0.30	cps
Dysprosium	156-1	92	108	108	103	9.36	cps
Dysprosium	156-2	50	57	80	62	25.32	cps
Erbium	164-1	67	75	25	56	48.22	cps
Erbium	164-2	37	40	50	42	16.43	cps
Gadolinium	160-1	267	233	250	250	6.67	cps
Gadolinium	160-2	337	367	267	323	15.87	cps
Holmium	165-1	24089692	24149135	24292714	24177180	0.43	cps
Holmium	165-2	12238366	12167219	12283427	12229671	0.48	cps
Indium	115-1	18306470	18354650	18302939	18321353	0.16	cps
Indium	115-2	3621045	3603590	3631218	3618618	0.39	cps
Iron	56-2	45597451	45319830	45528198	45481826	0.32	cps
Iron	57-2	1131188	1128344	1136299	1131943	0.36	cps
Lead	207-1	2426912	2450953	2465992	2447952	0.81	cps
Lead	208-1	10944125	11028767	11039952	11004281	0.48	cps
Lead	206-1	2697481	2731928	2750955	2726788	0.99	cps
Lithium	6-1	5082068	5061310	5030272	5057883	0.52	cps
Magnesium	24-2	8697430	8736086	8733257	8722258	0.25	cps
Manganese	55-2	1281811	1281795	1290746	1284784	0.40	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:49:49	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	5165751	5183796	5167656	5172401	0.19	cps
Molybdenum	98-1	13259255	13218958	13250209	13242807	0.16	cps
Molybdenum	94-1	6797783	6778124	6768140	6781349	0.22	cps
Molybdenum	95-1	8297356	8267814	8313477	8292882	0.28	cps
Molybdenum	96-1	9184580	9170596	9178165	9177780	0.08	cps
Neodymium	150-1	333	260	273	289	13.52	cps
Neodymium	150-2	30	27	27	28	6.92	cps
Nickel	60-2	467707	467116	465538	466787	0.24	cps
Phosphorus	31-2	44509	42988	42888	43462	2.09	cps
Potassium	39-2	4026100	4034442	4039623	4033388	0.17	cps
Rhodium	103-1	16686599	16747899	16792262	16742253	0.32	cps
Rhodium	103-2	8164072	8119906	8167625	8150535	0.33	cps
Scandium	45-1	11611307	11555719	11587597	11584874	0.24	cps
Scandium	45-2	557150	552495	557120	555588	0.48	cps
Selenium	77-2	3304	3044	3050	3133	4.73	cps
Selenium	78-2	10760	10706	10517	10661	1.20	cps
Selenium	82-1	65614	66100	66680	66131	0.81	cps
Silicon	28-1	2660350	2689056	2704795	2684733	0.84	cps
Silver	109-1	4246119	4243080	4246610	4245269	0.05	cps
Silver	107-1	4449789	4413127	4399625	4420847	0.59	cps
Sodium	23-2	16685106	16756113	16688999	16710072	0.24	cps
Strontium	86-1	1073712	1086761	1078775	1079749	0.61	cps
Strontium	88-1	9376107	9369776	9327520	9357801	0.28	cps
Sulfur	34-1	856678	843110	849025	849604	0.80	cps
Terbium	159-1	24417986	24585167	24536188	24513114	0.35	cps
Terbium	159-2	11993268	12036016	12136059	12055114	0.61	cps
Thallium	203-1	3469309	3477342	3511483	3486045	0.64	cps
Thallium	205-1	8175343	8250097	8304460	8243300	0.79	cps
Thorium	232-1	11732596	11849680	11776292	11786189	0.50	cps
Tin	118-1	2725307	2749263	2743649	2739406	0.46	cps
Titanium	47-1	2324381	2317814	2318437	2320211	0.16	cps
Uranium	238-1	11221788	11211626	11229340	11220918	0.08	cps
Vanadium	51-2	877362	870754	875920	874679	0.40	cps
Yttrium	89-1	18949444	18647092	18808029	18801522	0.80	cps
Yttrium	89-2	2821445	2799527	2822532	2814501	0.46	cps
Zinc	66-2	371610	371144	367404	370053	0.62	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:49:49	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5756228	5672501	5679940	5702890	0.81	cps
Zirconium	91-1	1265593	1259541	1255005	1260047	0.42	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 11:53:34 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1478403	1467785	1471256	1472481	0.37	cps
Antimony	121-1	6407027	6437915	6411016	6418652	0.26	cps
Arsenic	75-2	229916	231443	231196	230852	0.36	cps
Barium	135-1	8192444	8161268	8112409	8155374	0.49	cps
Barium	137-1	14246262	14178482	14025288	14150011	0.80	cps
Beryllium	9-1	1495403	1504566	1491511	1497160	0.45	cps
Bismuth	209-1	14910246	14921019	14921148	14917471	0.04	cps
Bismuth	209-2	8304388	8239509	8367647	8303848	0.77	cps
Boron	11-1	971735	999286	1010242	993754	2.00	cps
Boron	10-1	208172	213935	213902	212003	1.56	cps
Cadmium	106-1	203137	202334	202396	202622	0.22	cps
Cadmium	108-1	133492	132912	135002	133802	0.81	cps
Cadmium	111-1	1776968	1769937	1760935	1769280	0.45	cps
Calcium	43-1	2003767	1979789	1990532	1991363	0.60	cps
Calcium	44-1	32703663	32574287	32977821	32751924	0.63	cps
Chromium	52-2	2148720	2134869	2139725	2141105	0.33	cps
Cobalt	59-2	3467896	3451267	3430755	3449973	0.54	cps
Copper	63-2	4820374	4845286	4866664	4844108	0.48	cps
Dysprosium	156-1	158	192	200	183	12.03	cps
Dysprosium	156-2	130	120	133	128	5.43	cps
Erbium	164-1	58	167	133	119	46.45	cps
Erbium	164-2	40	43	30	38	18.36	cps
Gadolinium	160-1	225	217	292	244	16.82	cps
Gadolinium	160-2	357	377	373	369	2.90	cps
Holmium	165-1	24403508	24096735	24162950	24221064	0.67	cps
Holmium	165-2	12332153	12219965	12251556	12267891	0.47	cps
Indium	115-1	18255181	18131769	18086440	18157797	0.48	cps
Indium	115-2	3587653	3597450	3605574	3596892	0.25	cps
Iron	56-2	90208458	89770130	89695291	89891293	0.31	cps
Iron	57-2	2233946	2232431	2236808	2234395	0.10	cps
Lead	207-1	4869608	4899280	4872600	4880496	0.33	cps
Lead	208-1	21922203	22011470	21930293	21954655	0.22	cps
Lead	206-1	5469817	5479493	5487416	5478909	0.16	cps
Lithium	6-1	4996549	4931976	4917679	4948734	0.85	cps
Magnesium	24-2	17366880	17263057	17395203	17341713	0.40	cps
Manganese	55-2	2534613	2530448	2533033	2532698	0.08	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:53:34	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	10308508	10294527	10204184	10269073	0.55	cps
Molybdenum	98-1	26394065	26293639	26229956	26305887	0.31	cps
Molybdenum	94-1	13495409	13535782	13375151	13468781	0.62	cps
Molybdenum	95-1	16502203	16377963	16352671	16410946	0.49	cps
Molybdenum	96-1	18331836	18186286	18115191	18211104	0.61	cps
Neodymium	150-1	527	700	593	607	14.41	cps
Neodymium	150-2	33	70	37	47	43.45	cps
Nickel	60-2	904628	910313	910594	908512	0.37	cps
Phosphorus	31-2	85411	85134	85628	85391	0.29	cps
Potassium	39-2	8028358	7960194	8033560	8007371	0.51	cps
Rhodium	103-1	16613130	16446433	16477065	16512210	0.54	cps
Rhodium	103-2	8064074	8079308	8128747	8090710	0.42	cps
Scandium	45-1	11380612	11344048	11353577	11359412	0.17	cps
Scandium	45-2	554344	551604	560557	555502	0.83	cps
Selenium	77-2	6221	6312	6165	6233	1.19	cps
Selenium	78-2	20949	20871	20778	20866	0.41	cps
Selenium	82-1	128517	128685	128393	128532	0.11	cps
Silicon	28-1	4912374	4936174	4981025	4943191	0.71	cps
Silver	109-1	8310185	8264807	8231254	8268749	0.48	cps
Silver	107-1	8628411	8670866	8651171	8650149	0.25	cps
Sodium	23-2	33128041	33194821	33262171	33195011	0.20	cps
Strontium	86-1	2127276	2132958	2116878	2125704	0.38	cps
Strontium	88-1	18537328	18464313	18423767	18475136	0.31	cps
Sulfur	34-1	1171291	1162981	1146712	1160328	1.08	cps
Terbium	159-1	24720425	24559145	24608597	24629389	0.34	cps
Terbium	159-2	12096130	12183898	12216674	12165567	0.51	cps
Thallium	203-1	6953025	6869707	6909391	6910708	0.60	cps
Thallium	205-1	16327414	16346639	16261808	16311954	0.27	cps
Thorium	232-1	23629582	23396268	23483354	23503068	0.50	cps
Tin	118-1	5526674	5495756	5485491	5502641	0.39	cps
Titanium	47-1	4590948	4588369	4560278	4579865	0.37	cps
Uranium	238-1	22642449	22508768	22296429	22482549	0.78	cps
Vanadium	51-2	1741349	1738161	1737737	1739082	0.11	cps
Yttrium	89-1	18772640	18687608	18664418	18708222	0.30	cps
Yttrium	89-2	2821354	2798755	2834508	2818206	0.64	cps
Zinc	66-2	712729	716747	716535	715337	0.32	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:53:34	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11331939	11295136	11246746	11291274	0.38	cps
Zirconium	91-1	2472098	2492081	2476413	2480197	0.42	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 11:57:19 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2966171	2955521	2942418	2954703	0.40	cps
Antimony	121-1	12853034	12853842	12787585	12831487	0.30	cps
Arsenic	75-2	458341	460680	460424	459815	0.28	cps
Barium	135-1	16479856	16506089	16267331	16417758	0.80	cps
Barium	137-1	28630524	28676362	28708826	28671904	0.14	cps
Beryllium	9-1	2968056	2959749	2966949	2964918	0.15	cps
Bismuth	209-1	14682529	14698197	14700666	14693797	0.07	cps
Bismuth	209-2	8106096	8167183	8167718	8146999	0.43	cps
Boron	11-1	1917413	1932481	2025297	1958397	2.98	cps
Boron	10-1	413078	416285	423046	417470	1.22	cps
Cadmium	106-1	383648	386467	392091	387402	1.11	cps
Cadmium	108-1	264060	264286	268070	265472	0.85	cps
Cadmium	111-1	3521980	3565558	3556900	3548146	0.65	cps
Calcium	43-1	4045547	4092644	4058625	4065605	0.60	cps
Calcium	44-1	66297791	67002118	66621285	66640398	0.53	cps
Chromium	52-2	4310548	4319645	4323237	4317810	0.15	cps
Cobalt	59-2	6852874	6862053	6914071	6876333	0.48	cps
Copper	63-2	9497003	9599187	9563050	9553080	0.54	cps
Dysprosium	156-1	325	342	292	319	7.97	cps
Dysprosium	156-2	223	253	237	238	6.32	cps
Erbium	164-1	150	117	100	122	20.83	cps
Erbium	164-2	57	57	47	53	10.82	cps
Gadolinium	160-1	292	233	333	286	17.56	cps
Gadolinium	160-2	427	430	380	412	6.78	cps
Holmium	165-1	24352714	24731455	24415824	24499998	0.83	cps
Holmium	165-2	12243506	12366756	12296815	12302359	0.50	cps
Indium	115-1	18058017	18291768	18192703	18180830	0.65	cps
Indium	115-2	3565054	3599915	3570643	3578538	0.52	cps
Iron	56-2	179766782	181399932	179649993	180272236	0.54	cps
Iron	57-2	4412134	4470812	4488628	4457191	0.90	cps
Lead	207-1	9664419	9672564	9707468	9681484	0.24	cps
Lead	208-1	43583330	43522533	43587459	43564441	0.08	cps
Lead	206-1	10881466	10959254	10861350	10900690	0.47	cps
Lithium	6-1	4880427	4856321	4874185	4870311	0.26	cps
Magnesium	24-2	34773382	34442845	34465704	34560643	0.53	cps
Manganese	55-2	5080532	5131255	5087822	5099870	0.54	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 11:57:19 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	20687036	20852138	20863660	20800945	0.48	cps
Molybdenum	98-1	52961579	53443839	53476005	53293808	0.54	cps
Molybdenum	94-1	27177512	27294046	27430729	27300762	0.46	cps
Molybdenum	95-1	33085312	33162969	33514947	33254409	0.69	cps
Molybdenum	96-1	36628667	37021217	37199693	36949859	0.79	cps
Neodymium	150-1	1047	960	1060	1022	5.31	cps
Neodymium	150-2	97	90	93	93	3.57	cps
Nickel	60-2	1770539	1786632	1767390	1774853	0.58	cps
Phosphorus	31-2	168375	167866	166840	167694	0.47	cps
Potassium	39-2	16076913	16183868	15964643	16075141	0.68	cps
Rhodium	103-1	16414741	16399730	16453523	16422665	0.17	cps
Rhodium	103-2	7940312	7987271	7985459	7971014	0.33	cps
Scandium	45-1	11542398	11577652	11646642	11588897	0.46	cps
Scandium	45-2	555621	556596	555135	555784	0.13	cps
Selenium	77-2	12476	12285	12335	12365	0.80	cps
Selenium	78-2	40934	41104	40785	40941	0.39	cps
Selenium	82-1	249008	253090	254199	252099	1.08	cps
Silicon	28-1	8890956	8924083	9016908	8943982	0.73	cps
Silver	109-1	16431318	16429245	16521450	16460671	0.32	cps
Silver	107-1	17054127	17114705	17317972	17162268	0.81	cps
Sodium	23-2	66133706	66683585	65815883	66211058	0.66	cps
Strontium	86-1	4304911	4361655	4301498	4322688	0.78	cps
Strontium	88-1	37402306	37938906	37398262	37579825	0.83	cps
Sulfur	34-1	1836517	1838790	1842750	1839352	0.17	cps
Terbium	159-1	24665325	24887335	24928956	24827206	0.57	cps
Terbium	159-2	12119832	12211882	12127416	12153043	0.42	cps
Thallium	203-1	13633257	13744584	13756771	13711537	0.50	cps
Thallium	205-1	32401119	32823280	32489111	32571170	0.68	cps
Thorium	232-1	47175975	47139346	46987434	47100918	0.21	cps
Tin	118-1	11119201	11034003	11129370	11094191	0.47	cps
Titanium	47-1	9316837	9307900	9379348	9334695	0.42	cps
Uranium	238-1	44719475	44505051	45122618	44782381	0.70	cps
Vanadium	51-2	3485825	3497230	3475100	3486052	0.32	cps
Yttrium	89-1	18855156	18932922	18904064	18897381	0.21	cps
Yttrium	89-2	2834957	2850069	2835346	2840124	0.30	cps
Zinc	66-2	1375278	1378033	1378337	1377216	0.12	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 11:57:19	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	22875852	22782174	22974119	22877381	0.42	cps
Zirconium	91-1	5116770	5070664	5124115	5103850	0.57	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 12:01:08 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14737084	14863875	15065314	14888758	1.11	cps
Antimony	121-1	19130	19147	18780	19019	1.09	cps
Arsenic	75-2	715	633	632	660	7.21	cps
Barium	135-1	2075	1992	1984	2017	2.51	cps
Barium	137-1	3584	3459	3267	3437	4.64	cps
Beryllium	9-1	389	322	433	381	14.66	cps
Bismuth	209-1	12687555	12648691	12607164	12647803	0.32	cps
Bismuth	209-2	7164358	7189085	7266884	7206776	0.74	cps
Boron	11-1	58656	53989	48604	53750	9.36	cps
Boron	10-1	13340	11163	10012	11505	14.69	cps
Cadmium	106-1	8786	8778	8561	8709	1.47	cps
Cadmium	108-1	75	92	108	92	18.18	cps
Cadmium	111-1	6615	6689	6392	6565	2.35	cps
Calcium	43-1	20309354	20318143	20113958	20247151	0.57	cps
Calcium	44-1	333654766	333812957	334377607	333948444	0.11	cps
Chromium	52-2	133481	135123	133904	134169	0.64	cps
Cobalt	59-2	80703	80084	80707	80498	0.45	cps
Copper	63-2	20508	20979	20631	20706	1.18	cps
Dysprosium	156-1	242	200	175	206	16.38	cps
Dysprosium	156-2	63	80	77	73	12.03	cps
Erbium	164-1	117	92	92	100	14.43	cps
Erbium	164-2	50	40	57	49	17.16	cps
Gadolinium	160-1	308	400	342	350	13.26	cps
Gadolinium	160-2	353	367	443	388	12.53	cps
Holmium	165-1	23155405	23094613	22815724	23021914	0.79	cps
Holmium	165-2	11712339	11835496	11894233	11814023	0.79	cps
Indium	115-1	17016591	16996075	16820974	16944547	0.63	cps
Indium	115-2	3456033	3488256	3515470	3486586	0.85	cps
Iron	56-2	856487775	862682153	865729619	861633182	0.55	cps
Iron	57-2	20965798	21234541	21341604	21180648	0.91	cps
Lead	207-1	13541	13730	13641	13637	0.69	cps
Lead	208-1	63811	63610	63711	63711	0.16	cps
Lead	206-1	16778	16689	16577	16681	0.60	cps
Lithium	6-1	4599949	4623648	4660789	4628128	0.66	cps
Magnesium	24-2	163284987	164819104	167451954	165185348	1.28	cps
Manganese	55-2	21786	21656	21796	21746	0.36	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:01:08	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	30525	29156	29139	29607	2.69	cps
Molybdenum	98-1	78868	74412	71940	75073	4.68	cps
Molybdenum	94-1	29398	28629	27770	28599	2.85	cps
Molybdenum	95-1	49796	48341	45716	47951	4.31	cps
Molybdenum	96-1	65609	61525	60119	62418	4.57	cps
Neodymium	150-1	107	160	153	140	20.76	cps
Neodymium	150-2	67	73	73	71	5.41	cps
Nickel	60-2	47717	48416	48159	48098	0.74	cps
Phosphorus	31-2	833	642	767	747	13.02	cps
Potassium	39-2	80838254	81233398	82350669	81474107	0.96	cps
Rhodium	103-1	14808166	14863995	14627396	14766519	0.84	cps
Rhodium	103-2	7189847	7203585	7255903	7216445	0.48	cps
Scandium	45-1	11294991	11380391	11334422	11336601	0.38	cps
Scandium	45-2	539733	543390	545606	542910	0.55	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	89	104	109	101	10.47	cps
Selenium	82-1	284	232	261	259	10.09	cps
Silicon	28-1	1140959	1172603	1204170	1172577	2.70	cps
Silver	109-1	1217	1392	1033	1214	14.76	cps
Silver	107-1	1375	1508	1483	1456	4.87	cps
Sodium	23-2	319141915	319192274	321877599	320070596	0.49	cps
Strontium	86-1	20332	20999	21592	20974	3.01	cps
Strontium	88-1	170013	175627	172946	172862	1.62	cps
Sulfur	34-1	420724	418498	425941	421721	0.91	cps
Terbium	159-1	23278619	23379804	23166803	23275075	0.46	cps
Terbium	159-2	11589451	11686781	11779389	11685207	0.81	cps
Thallium	203-1	4868	4759	4026	4551	10.07	cps
Thallium	205-1	11155	11105	10146	10802	5.27	cps
Thorium	232-1	8186	7458	7002	7549	7.91	cps
Tin	118-1	9779	9404	9078	9420	3.72	cps
Titanium	47-1	1867	1709	16068	6548	125.92	cps
Uranium	238-1	6302	6260	6110	6224	1.62	cps
Vanadium	51-2	1287	1433	1180	1300	9.78	cps
Yttrium	89-1	18108719	18184458	18106548	18133242	0.24	cps
Yttrium	89-2	2790614	2800959	2821625	2804399	0.56	cps
Zinc	66-2	6645	6808	6895	6783	1.87	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:01:08	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4434	4909	4409	4584	6.15	cps
Zirconium	91-1	875	1083	1008	989	10.67	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 12:22:42 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81833	81632	81765	81743	0.12	cps
Antimony	121-1	2526777	2540892	2537800	2535157	0.29	cps
Arsenic	75-2	97090	96857	97869	97272	0.55	cps
Barium	135-1	333363	336071	334684	334706	0.40	cps
Barium	137-1	582434	586505	586682	585207	0.41	cps
Beryllium	9-1	309437	310282	307461	309060	0.47	cps
Bismuth	209-1	15215730	15345541	15400366	15320545	0.62	cps
Bismuth	209-2	8662572	8689797	8673597	8675322	0.16	cps
Boron	11-1	1030551	1074520	1078018	1061030	2.49	cps
Boron	10-1	223572	229043	232354	228323	1.94	cps
Cadmium	106-1	79959	79649	80194	79934	0.34	cps
Cadmium	108-1	39689	39886	39760	39778	0.25	cps
Cadmium	111-1	389883	392417	395179	392493	0.67	cps
Calcium	43-1	98611	99290	99014	98971	0.35	cps
Calcium	44-1	1505421	1488804	1493166	1495797	0.58	cps
Chromium	52-2	439275	442336	442019	441210	0.38	cps
Cobalt	59-2	731921	729355	733009	731428	0.26	cps
Copper	63-2	523290	523740	530255	525762	0.74	cps
Dysprosium	156-1	33	17	33	28	34.63	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	167	125	192	161	20.90	cps
Erbium	164-2	83	77	57	72	19.22	cps
Gadolinium	160-1	258	192	233	228	14.79	cps
Gadolinium	160-2	310	387	423	373	15.49	cps
Holmium	165-1	24593869	24817751	24753887	24721836	0.47	cps
Holmium	165-2	12594705	12571778	12559457	12575313	0.14	cps
Indium	115-1	19437488	19529714	19639401	19535534	0.52	cps
Indium	115-2	3905668	3868827	3908089	3894195	0.56	cps
Iron	56-2	3788411	3800870	3795805	3795029	0.17	cps
Iron	57-2	95962	95397	94542	95300	0.75	cps
Lead	207-1	1859216	1886758	1876759	1874244	0.74	cps
Lead	208-1	8600313	8607975	8621104	8609797	0.12	cps
Lead	206-1	2165105	2173502	2192478	2177028	0.64	cps
Lithium	6-1	5094278	5182364	5197163	5157935	1.08	cps
Magnesium	24-2	432671	432310	431951	432311	0.08	cps
Manganese	55-2	262020	262106	261050	261725	0.22	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 12:22:42 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2272632	2290996	2294778	2286135	0.52	cps
Molybdenum	98-1	5960871	5911349	5880802	5917674	0.68	cps
Molybdenum	94-1	6658722	6635643	6622519	6638962	0.28	cps
Molybdenum	95-1	3711612	3723112	3729555	3721427	0.24	cps
Molybdenum	96-1	4695911	4704959	4709952	4703607	0.15	cps
Neodymium	150-1	40	53	20	38	44.42	cps
Neodymium	150-2	13	10	0	8	89.21	cps
Nickel	60-2	195156	195417	195852	195475	0.18	cps
Phosphorus	31-2	675	517	750	647	18.41	cps
Potassium	39-2	714137	712690	713758	713528	0.11	cps
Rhodium	103-1	18226629	18170760	18172169	18189852	0.18	cps
Rhodium	103-2	8758407	8730791	8774851	8754683	0.25	cps
Scandium	45-1	12551966	12533052	12609829	12564949	0.32	cps
Scandium	45-2	605738	599646	601269	602218	0.52	cps
Selenium	77-2	2657	2714	2734	2701	1.47	cps
Selenium	78-2	9170	8982	8981	9044	1.20	cps
Selenium	82-1	55025	54851	54952	54943	0.16	cps
Silicon	28-1	418751	422361	421218	420776	0.44	cps
Silver	109-1	1666475	1692034	1676287	1678265	0.77	cps
Silver	107-1	1769459	1778913	1786921	1778431	0.49	cps
Sodium	23-2	1388080	1384242	1384863	1385728	0.15	cps
Strontium	86-1	2339854	2338498	2345541	2341298	0.16	cps
Strontium	88-1	20555250	20397324	20374466	20442347	0.48	cps
Sulfur	34-1	489355	483515	477302	483391	1.25	cps
Terbium	159-1	25157365	25211557	25628680	25332534	1.02	cps
Terbium	159-2	12508740	12406771	12565841	12493784	0.64	cps
Thallium	203-1	2711914	2712737	2718003	2714218	0.12	cps
Thallium	205-1	6570899	6575881	6553697	6566826	0.18	cps
Thorium	232-1	25014290	25201562	25102990	25106281	0.37	cps
Tin	118-1	6010216	5956549	6020859	5995875	0.57	cps
Titanium	47-1	1043627	1037316	1041841	1040928	0.31	cps
Uranium	238-1	23221574	23134126	23349213	23234971	0.47	cps
Vanadium	51-2	357114	360575	357548	358412	0.53	cps
Yttrium	89-1	20020691	20060899	20151191	20077593	0.33	cps
Yttrium	89-2	3016690	3016362	3018914	3017322	0.05	cps
Zinc	66-2	155708	155978	155020	155569	0.32	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:22:42	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12546982	12392421	12330296	12423233	0.90	cps
Zirconium	91-1	2795760	2760452	2764010	2773407	0.70	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:38:07	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3559	3651	3217	3476	6.57	cps
Antimony	121-1	26092	25841	26676	26203	1.64	cps
Arsenic	75-2	526	567	559	551	3.94	cps
Barium	135-1	33374	33758	33433	33522	0.62	cps
Barium	137-1	57896	58641	58633	58390	0.73	cps
Beryllium	9-1	3067	3339	3478	3295	6.35	cps
Bismuth	209-1	14956042	14923980	14937738	14939253	0.11	cps
Bismuth	209-2	8518777	8604504	8610244	8577842	0.60	cps
Boron	11-1	61208	60999	62480	61563	1.30	cps
Boron	10-1	12522	13164	13256	12981	3.08	cps
Cadmium	106-1	9846	8828	9120	9265	5.65	cps
Cadmium	108-1	296	358	325	326	9.58	cps
Cadmium	111-1	10510	9759	9995	10088	3.81	cps
Calcium	43-1	22635	21967	22551	22384	1.63	cps
Calcium	44-1	367698	362232	368589	366173	0.94	cps
Chromium	52-2	10624	10737	10781	10714	0.76	cps
Cobalt	59-2	7579	7969	7595	7714	2.86	cps
Copper	63-2	11818	12185	12169	12057	1.72	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	150	83	108	114	29.57	cps
Erbium	164-2	53	43	47	48	10.66	cps
Gadolinium	160-1	175	208	350	244	38.01	cps
Gadolinium	160-2	443	390	353	396	11.44	cps
Holmium	165-1	24297428	24257661	24586525	24380538	0.74	cps
Holmium	165-2	12496436	12495604	12506960	12499667	0.05	cps
Indium	115-1	19467582	19339743	19512729	19440018	0.46	cps
Indium	115-2	3973794	3961917	3935262	3956991	0.50	cps
Iron	56-2	210386	210372	207793	209517	0.71	cps
Iron	57-2	5796	5729	5407	5644	3.69	cps
Lead	207-1	10037	10154	10399	10197	1.81	cps
Lead	208-1	45387	45159	46110	45552	1.09	cps
Lead	206-1	11472	11183	11511	11389	1.57	cps
Lithium	6-1	5207670	5242187	5201139	5216998	0.42	cps
Magnesium	24-2	187079	188320	189518	188306	0.65	cps
Manganese	55-2	2957	2940	2814	2904	2.70	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:38:07	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	21776	21834	21876	21829	0.23	cps
Molybdenum	98-1	56103	56153	57274	56510	1.17	cps
Molybdenum	94-1	29874	30584	30183	30213	1.18	cps
Molybdenum	95-1	35336	35913	35069	35439	1.22	cps
Molybdenum	96-1	40374	39465	39999	39946	1.14	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2177	2280	2210	2222	2.37	cps
Phosphorus	31-2	608	858	642	703	19.32	cps
Potassium	39-2	218096	216212	218773	217694	0.61	cps
Rhodium	103-1	18130743	18151433	18254208	18178795	0.36	cps
Rhodium	103-2	8861630	8756236	8812247	8810038	0.60	cps
Scandium	45-1	12554630	12558455	12636849	12583311	0.37	cps
Scandium	45-2	610031	610556	607737	609441	0.25	cps
Selenium	77-2	87	67	60	71	19.52	cps
Selenium	78-2	348	324	296	323	8.04	cps
Selenium	82-1	1506	1502	1470	1493	1.35	cps
Silicon	28-1	537273	538102	547454	540943	1.05	cps
Silver	109-1	17002	17670	18037	17570	2.99	cps
Silver	107-1	18396	18796	18579	18591	1.08	cps
Sodium	23-2	381036	377347	380191	379524	0.51	cps
Strontium	86-1	5543	5593	5268	5468	3.20	cps
Strontium	88-1	39246	40115	41035	40132	2.23	cps
Sulfur	34-1	536330	533537	529010	532959	0.69	cps
Terbium	159-1	24835308	25061261	25013211	24969927	0.48	cps
Terbium	159-2	12492425	12430401	12438331	12453719	0.27	cps
Thallium	203-1	13774	13532	13966	13758	1.58	cps
Thallium	205-1	32825	31989	33050	32621	1.71	cps
Thorium	232-1	45513	45396	46166	45692	0.91	cps
Tin	118-1	59636	58531	59594	59254	1.06	cps
Titanium	47-1	10588	10579	10079	10415	2.80	cps
Uranium	238-1	44344	43733	43441	43839	1.05	cps
Vanadium	51-2	18772	18565	18578	18639	0.62	cps
Yttrium	89-1	19919611	20007317	20071937	19999622	0.38	cps
Yttrium	89-2	3062863	3073930	3060095	3065629	0.24	cps
Zinc	66-2	2377	2610	2507	2498	4.68	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:38:07	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	27152	28028	26776	27319	2.35	cps
Zirconium	91-1	6152	6302	5935	6129	3.01	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 12:41:42 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	117	92	97	17.84	cps
Antimony	121-1	358	342	458	386	16.34	cps
Arsenic	75-2	19	9	9	12	43.30	cps
Barium	135-1	33	25	75	44	60.28	cps
Barium	137-1	33	33	100	56	69.29	cps
Beryllium	9-1	106	67	83	85	22.90	cps
Bismuth	209-1	14823268	14937041	11879619	13879976	12.49	cps
Bismuth	209-2	8600909	8578384	8727035	8635443	0.93	cps
Boron	11-1	10637	10296	9495	10143	5.78	cps
Boron	10-1	2150	2234	1925	2103	7.59	cps
Cadmium	106-1	8361	9095	7094	8183	12.37	cps
Cadmium	108-1	21	29	25	25	16.68	cps
Cadmium	111-1	5863	6363	4957	5727	12.45	cps
Calcium	43-1	292	242	283	272	9.84	cps
Calcium	44-1	15643	15551	15058	15417	2.04	cps
Chromium	52-2	860	787	770	806	5.94	cps
Cobalt	59-2	83	120	127	110	21.21	cps
Copper	63-2	1033	853	927	938	9.65	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	92	83	42	72	37.09	cps
Erbium	164-2	37	30	20	29	29.04	cps
Gadolinium	160-1	267	233	158	219	25.29	cps
Gadolinium	160-2	307	310	350	322	7.48	cps
Holmium	165-1	24262958	24306006	19231613	22600193	12.91	cps
Holmium	165-2	12515408	12599526	12480714	12531883	0.49	cps
Indium	115-1	19464326	19468145	15597287	18176586	12.29	cps
Indium	115-2	3993477	4001684	3975971	3990377	0.33	cps
Iron	56-2	6674	6685	6896	6752	1.86	cps
Iron	57-2	433	394	367	398	8.41	cps
Lead	207-1	433	333	328	365	16.28	cps
Lead	208-1	1689	1567	1539	1598	4.99	cps
Lead	206-1	400	400	367	389	4.95	cps
Lithium	6-1	5130441	5210848	4212144	4851145	11.44	cps
Magnesium	24-2	250	317	308	292	12.45	cps
Manganese	55-2	70	57	70	66	11.74	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:41:42	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	317	350	400	356	11.80	cps
Molybdenum	98-1	842	783	942	856	9.36	cps
Molybdenum	94-1	950	983	925	953	3.07	cps
Molybdenum	95-1	550	442	517	503	11.04	cps
Molybdenum	96-1	742	842	775	786	6.48	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	70	63	87	73	16.39	cps
Phosphorus	31-2	558	717	633	636	12.45	cps
Potassium	39-2	37933	38852	37849	38211	1.46	cps
Rhodium	103-1	18256427	18240682	14795173	17097427	11.66	cps
Rhodium	103-2	8865562	8963473	8946080	8925038	0.59	cps
Scandium	45-1	12613805	12693607	10148088	11818500	12.24	cps
Scandium	45-2	608924	609807	613708	610813	0.42	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	109	80	83	91	17.79	cps
Selenium	82-1	-11	53	121	55	120.61	cps
Silicon	28-1	390721	391516	399080	393772	1.17	cps
Silver	109-1	100	108	125	111	11.46	cps
Silver	107-1	208	175	233	206	14.24	cps
Sodium	23-2	23544	23077	23269	23297	1.01	cps
Strontium	86-1	1125	1017	1208	1117	8.61	cps
Strontium	88-1	242	433	325	333	28.83	cps
Sulfur	34-1	539568	538695	537358	538540	0.21	cps
Terbium	159-1	24857330	25121725	19949032	23309362	12.50	cps
Terbium	159-2	12452442	12465088	12518449	12478660	0.28	cps
Thallium	203-1	275	242	267	261	6.64	cps
Thallium	205-1	608	517	533	553	8.83	cps
Thorium	232-1	1278	1183	1000	1154	12.24	cps
Tin	118-1	2184	2600	2300	2361	9.10	cps
Titanium	47-1	150	208	117	158	29.30	cps
Uranium	238-1	208	208	258	225	12.83	cps
Vanadium	51-2	23	17	0	13	90.13	cps
Yttrium	89-1	20032516	20079973	15961709	18691399	12.65	cps
Yttrium	89-2	3076799	3093041	3109094	3092978	0.52	cps
Zinc	66-2	707	760	733	733	3.64	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:41:42	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2125	2000	1700	1942	11.25	cps
Zirconium	91-1	408	408	325	381	12.64	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 12:45:18 DataFile Name : 017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13756646	13889606	14214137	13953463	1.69	cps
Antimony	121-1	14583	14641	14525	14583	0.40	cps
Arsenic	75-2	157	109	154	140	19.12	cps
Barium	135-1	5009	4909	4793	4904	2.21	cps
Barium	137-1	8903	8370	8378	8550	3.58	cps
Beryllium	9-1	889	872	894	885	1.31	cps
Bismuth	209-1	14047569	14056489	14131291	14078450	0.33	cps
Bismuth	209-2	8020657	7932416	7987099	7980057	0.56	cps
Boron	11-1	11830	11430	11113	11458	3.14	cps
Boron	10-1	2275	2325	2242	2281	1.84	cps
Cadmium	106-1	8586	7961	8253	8267	3.79	cps
Cadmium	108-1	3417	3313	3209	3313	3.15	cps
Cadmium	111-1	7473	6817	7202	7164	4.61	cps
Calcium	43-1	4085719	4097427	4078067	4087071	0.24	cps
Calcium	44-1	67236133	67388514	67574297	67399648	0.25	cps
Chromium	52-2	87089	87022	86931	87014	0.09	cps
Cobalt	59-2	8029	8433	8399	8287	2.70	cps
Copper	63-2	38788	38848	39610	39082	1.17	cps
Dysprosium	156-1	75	83	58	72	17.62	cps
Dysprosium	156-2	30	17	30	26	30.11	cps
Erbium	164-1	83	167	150	133	33.07	cps
Erbium	164-2	70	60	73	68	10.24	cps
Gadolinium	160-1	258	267	267	264	1.82	cps
Gadolinium	160-2	387	367	390	381	3.31	cps
Holmium	165-1	24058590	24636730	24545158	24413493	1.27	cps
Holmium	165-2	12450265	12480572	12526924	12485920	0.31	cps
Indium	115-1	18462478	18731701	18663356	18619178	0.75	cps
Indium	115-2	3755617	3727554	3760213	3747795	0.47	cps
Iron	56-2	368564775	367753786	366762764	367693775	0.25	cps
Iron	57-2	9021128	9117030	9027609	9055256	0.59	cps
Lead	207-1	39258	38289	40490	39346	2.80	cps
Lead	208-1	186207	185659	187936	186601	0.64	cps
Lead	206-1	51310	50825	51924	51353	1.07	cps
Lithium	6-1	4792274	4773179	4734220	4766558	0.62	cps
Magnesium	24-2	33790667	34334343	34793677	34306229	1.46	cps
Manganese	55-2	20565	20571	20825	20654	0.72	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 12:45:18 DataFile Name : 017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	8178457	8234997	8251102	8221519	0.46	cps
Molybdenum	98-1	20983810	21077871	21121028	21060903	0.33	cps
Molybdenum	94-1	7444900	7502499	7552002	7499801	0.71	cps
Molybdenum	95-1	13124384	13225261	13126374	13158673	0.44	cps
Molybdenum	96-1	14057342	14022990	14046090	14042141	0.12	cps
Neodymium	150-1	67	53	133	84	50.75	cps
Neodymium	150-2	23	7	27	19	56.72	cps
Nickel	60-2	10154	10260	9613	10009	3.47	cps
Phosphorus	31-2	824545	829662	844536	832914	1.25	cps
Potassium	39-2	32876397	32989306	33707056	33190919	1.36	cps
Rhodium	103-1	16634951	16665959	16746408	16682439	0.34	cps
Rhodium	103-2	8123141	8120332	8165507	8136326	0.31	cps
Scandium	45-1	11905190	12025353	12033227	11987923	0.60	cps
Scandium	45-2	569275	569028	583319	573874	1.43	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	96	89	87	91	5.40	cps
Selenium	82-1	6	95	153	85	87.83	cps
Silicon	28-1	532614	534810	534448	533957	0.22	cps
Silver	109-1	650	783	1058	831	25.07	cps
Silver	107-1	658	917	1133	903	26.34	cps
Sodium	23-2	65795474	66264937	67461104	66507172	1.29	cps
Strontium	86-1	148603	148349	149748	148900	0.50	cps
Strontium	88-1	1280817	1283846	1289825	1284829	0.36	cps
Sulfur	34-1	6002162	5991631	6008025	6000606	0.14	cps
Terbium	159-1	24606692	24959888	25043450	24870010	0.93	cps
Terbium	159-2	12264554	12296097	12405265	12321972	0.60	cps
Thallium	203-1	1417	1433	1325	1392	4.19	cps
Thallium	205-1	3142	3284	3367	3264	3.49	cps
Thorium	232-1	1411	1372	1295	1359	4.37	cps
Tin	118-1	4109	3867	3834	3937	3.81	cps
Titanium	47-1	3834205	3885501	3856433	3858713	0.67	cps
Uranium	238-1	758	850	933	847	10.33	cps
Vanadium	51-2	597	590	570	586	2.37	cps
Yttrium	89-1	19315353	19428701	19447762	19397272	0.37	cps
Yttrium	89-2	2945997	2952608	2987275	2961960	0.75	cps
Zinc	66-2	8406	8663	8813	8627	2.39	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:45:18	DataFile Name :	017ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3267	3034	2842	3048	6.99	cps
Zirconium	91-1	667	583	617	622	6.74	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 12:48:57 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14076679	13868265	13883173	13942706	0.83	cps
Antimony	121-1	268903	273707	271147	271253	0.89	cps
Arsenic	75-2	9629	9546	9351	9509	1.50	cps
Barium	135-1	72891	71719	73687	72766	1.36	cps
Barium	137-1	124151	125873	127641	125888	1.39	cps
Beryllium	9-1	56957	57147	57515	57206	0.50	cps
Bismuth	209-1	14166112	14181775	14235966	14194618	0.26	cps
Bismuth	209-2	8030966	7975077	8020493	8008845	0.37	cps
Boron	11-1	125426	128089	129686	127734	1.69	cps
Boron	10-1	26966	27234	27510	27236	1.00	cps
Cadmium	106-1	18947	18880	18529	18785	1.19	cps
Cadmium	108-1	9091	9278	8945	9104	1.84	cps
Cadmium	111-1	78826	79968	79697	79497	0.75	cps
Calcium	43-1	4115872	4150783	4149369	4138675	0.48	cps
Calcium	44-1	67137649	68552260	68456293	68048734	1.16	cps
Chromium	52-2	175085	176047	177480	176204	0.68	cps
Cobalt	59-2	149001	151429	149418	149949	0.87	cps
Copper	63-2	137394	138266	139773	138477	0.87	cps
Dysprosium	156-1	58	75	50	61	20.83	cps
Dysprosium	156-2	33	43	27	34	24.35	cps
Erbium	164-1	183	92	192	156	35.67	cps
Erbium	164-2	77	70	53	67	18.03	cps
Gadolinium	160-1	250	250	225	242	5.97	cps
Gadolinium	160-2	397	393	400	397	0.84	cps
Holmium	165-1	24843652	24731129	24886026	24820269	0.32	cps
Holmium	165-2	12557740	12520740	12562026	12546835	0.18	cps
Indium	115-1	18979084	19203256	19087731	19090024	0.59	cps
Indium	115-2	3796461	3787362	3833097	3805640	0.64	cps
Iron	56-2	366681808	368301142	372679319	369220756	0.84	cps
Iron	57-2	9024144	9128594	9258208	9136982	1.28	cps
Lead	207-1	214794	217697	218311	216934	0.87	cps
Lead	208-1	1001642	1004538	1015113	1007098	0.70	cps
Lead	206-1	263280	264581	269318	265726	1.20	cps
Lithium	6-1	4599119	4590598	4584374	4591364	0.16	cps
Magnesium	24-2	34479031	34422517	34203216	34368255	0.42	cps
Manganese	55-2	71513	70843	73325	71893	1.79	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:48:57	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	8555086	8594934	8604839	8584953	0.31	cps
Molybdenum	98-1	22038373	22023807	22050939	22037706	0.06	cps
Molybdenum	94-1	8285040	8386857	8358947	8343615	0.63	cps
Molybdenum	95-1	13600099	13750756	13719422	13690092	0.58	cps
Molybdenum	96-1	14666213	14825491	14769031	14753578	0.55	cps
Neodymium	150-1	87	60	113	87	30.77	cps
Neodymium	150-2	20	23	17	20	16.65	cps
Nickel	60-2	47126	47176	46206	46836	1.17	cps
Phosphorus	31-2	844994	832594	833292	836960	0.83	cps
Potassium	39-2	33577241	33322034	33506558	33468611	0.39	cps
Rhodium	103-1	17021002	16968775	17135552	17041777	0.50	cps
Rhodium	103-2	8243716	8193278	8287944	8241646	0.57	cps
Scandium	45-1	12091509	12158315	12125140	12124988	0.28	cps
Scandium	45-2	588906	581277	589414	586532	0.78	cps
Selenium	77-2	193	270	233	232	16.51	cps
Selenium	78-2	889	954	963	935	4.32	cps
Selenium	82-1	5345	5209	5303	5286	1.32	cps
Silicon	28-1	1085967	1089164	1092770	1089300	0.31	cps
Silver	109-1	309063	310534	311858	310485	0.45	cps
Silver	107-1	323384	329151	325513	326016	0.89	cps
Sodium	23-2	67524474	66501747	66872131	66966117	0.77	cps
Strontium	86-1	416923	412783	415886	415197	0.52	cps
Strontium	88-1	3608717	3626809	3635922	3623816	0.38	cps
Sulfur	34-1	6009673	5968867	6008536	5995692	0.39	cps
Terbium	159-1	25340870	25118193	25240465	25233176	0.44	cps
Terbium	159-2	12458695	12421089	12565264	12481683	0.60	cps
Thallium	203-1	265203	262480	267910	265198	1.02	cps
Thallium	205-1	624135	634157	639364	632552	1.22	cps
Thorium	232-1	1083	1000	1106	1063	5.24	cps
Tin	118-1	662397	666954	668030	665794	0.45	cps
Titanium	47-1	3971310	3978313	3978925	3976183	0.11	cps
Uranium	238-1	2583620	2578814	2573774	2578736	0.19	cps
Vanadium	51-2	71944	71201	71120	71422	0.64	cps
Yttrium	89-1	19770020	19859186	19882803	19837336	0.30	cps
Yttrium	89-2	3013134	2985756	3036381	3011757	0.84	cps
Zinc	66-2	22962	22691	23102	22918	0.91	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:48:57	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1396170	1396002	1407055	1399742	0.45	cps
Zirconium	91-1	312486	315934	315370	314597	0.59	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:52:38	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8348349	8300869	8331339	8326853	0.29	cps
Antimony	121-1	6660602	6658032	6664194	6660943	0.05	cps
Arsenic	75-2	240333	239227	240476	240012	0.28	cps
Barium	135-1	8596357	8648486	8748453	8664432	0.89	cps
Barium	137-1	14868964	15030914	15184869	15028249	1.05	cps
Beryllium	9-1	1443905	1442091	1462691	1449562	0.79	cps
Bismuth	209-1	13598137	13707926	13618474	13641513	0.43	cps
Bismuth	209-2	7638140	7717446	7697920	7684502	0.54	cps
Boron	11-1	933229	953268	990683	959060	3.04	cps
Boron	10-1	196868	201555	209061	202495	3.04	cps
Cadmium	106-1	201638	201947	200954	201513	0.25	cps
Cadmium	108-1	133224	132689	133155	133023	0.22	cps
Cadmium	111-1	1759760	1740880	1754453	1751698	0.56	cps
Calcium	43-1	10602984	10522637	10624090	10583237	0.51	cps
Calcium	44-1	174833108	172883258	175758975	174491780	0.84	cps
Chromium	52-2	2385491	2401273	2377987	2388251	0.50	cps
Cobalt	59-2	3661206	3667739	3647800	3658915	0.28	cps
Copper	63-2	4934254	4942346	4945051	4940551	0.11	cps
Dysprosium	156-1	183	225	275	228	20.15	cps
Dysprosium	156-2	180	167	123	157	18.91	cps
Erbium	164-1	83	75	100	86	14.79	cps
Erbium	164-2	57	60	30	49	33.63	cps
Gadolinium	160-1	267	292	325	294	9.94	cps
Gadolinium	160-2	367	373	303	348	11.11	cps
Holmium	165-1	24317726	24194183	24335248	24282385	0.32	cps
Holmium	165-2	12359052	12434158	12367460	12386890	0.33	cps
Indium	115-1	18355732	18195926	18367701	18306453	0.52	cps
Indium	115-2	3672654	3671949	3689644	3678082	0.27	cps
Iron	56-2	473673166	477416900	474929400	475339822	0.40	cps
Iron	57-2	11736408	11758267	11766825	11753833	0.13	cps
Lead	207-1	4712584	4712147	4723787	4716173	0.14	cps
Lead	208-1	21132902	21237368	21227383	21199218	0.27	cps
Lead	206-1	5275864	5293401	5273952	5281072	0.20	cps
Lithium	6-1	4530644	4531496	4579324	4547155	0.61	cps
Magnesium	24-2	89018623	89047283	88728025	88931310	0.20	cps
Manganese	55-2	2740353	2743449	2748233	2744012	0.14	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:52:38	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	11038943	11017641	11094471	11050352	0.36	cps
Molybdenum	98-1	28379158	28202903	28328568	28303543	0.32	cps
Molybdenum	94-1	14486758	14572962	14616611	14558777	0.45	cps
Molybdenum	95-1	17544980	17659195	17772238	17658804	0.64	cps
Molybdenum	96-1	19564014	19619594	19691889	19625166	0.33	cps
Neodymium	150-1	687	753	640	693	8.22	cps
Neodymium	150-2	70	77	77	74	5.17	cps
Nickel	60-2	960301	962811	968123	963745	0.41	cps
Phosphorus	31-2	91178	88856	88688	89574	1.55	cps
Potassium	39-2	43879782	43279617	43493387	43550929	0.70	cps
Rhodium	103-1	16310235	16267784	16277616	16285212	0.14	cps
Rhodium	103-2	7892019	7855462	7889591	7879024	0.26	cps
Scandium	45-1	11705121	11948423	11947920	11867155	1.18	cps
Scandium	45-2	579735	578721	575862	578106	0.35	cps
Selenium	77-2	6258	6331	6101	6230	1.89	cps
Selenium	78-2	20902	20605	20596	20701	0.84	cps
Selenium	82-1	125581	126290	126885	126252	0.52	cps
Silicon	28-1	4633713	4585650	4668722	4629362	0.90	cps
Silver	109-1	8354985	8262410	8282391	8299929	0.59	cps
Silver	107-1	8719934	8617326	8741971	8693077	0.77	cps
Sodium	23-2	170938570	172684946	171597250	171740255	0.51	cps
Strontium	86-1	2266910	2264103	2286674	2272562	0.54	cps
Strontium	88-1	20037133	19857053	20036376	19976854	0.52	cps
Sulfur	34-1	1134223	1126094	1134716	1131678	0.43	cps
Terbium	159-1	24800548	24788325	24829115	24805996	0.08	cps
Terbium	159-2	12240991	12209435	12286628	12245685	0.32	cps
Thallium	203-1	6707415	6695284	6724711	6709137	0.22	cps
Thallium	205-1	15848019	15722133	15833640	15801264	0.44	cps
Thorium	232-1	23086323	22887781	23193797	23055967	0.67	cps
Tin	118-1	5771776	5764082	5775091	5770316	0.10	cps
Titanium	47-1	4937434	5001005	5027025	4988488	0.92	cps
Uranium	238-1	22131705	21789140	22217259	22046035	1.03	cps
Vanadium	51-2	1871632	1875697	1867092	1871474	0.23	cps
Yttrium	89-1	19442983	19380907	19419075	19414322	0.16	cps
Yttrium	89-2	2964991	2961747	2955359	2960699	0.17	cps
Zinc	66-2	695929	703317	698864	699370	0.53	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 12:52:38	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12246445	12234980	12284901	12255442	0.21	cps
Zirconium	91-1	2723941	2724562	2741686	2730063	0.37	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:01:19	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	125	67	92	32.78	cps
Antimony	121-1	775	850	767	797	5.76	cps
Arsenic	75-2	13	19	15	15	18.35	cps
Barium	135-1	125	108	83	106	19.87	cps
Barium	137-1	142	108	175	142	23.53	cps
Beryllium	9-1	106	117	106	109	5.87	cps
Bismuth	209-1	15447341	15335385	15395478	15392735	0.36	cps
Bismuth	209-2	8674433	8727653	8743805	8715297	0.42	cps
Boron	11-1	11071	11063	10771	10968	1.56	cps
Boron	10-1	2350	2567	2542	2486	4.77	cps
Cadmium	106-1	8361	8586	8962	8636	3.51	cps
Cadmium	108-1	17	13	42	24	66.81	cps
Cadmium	111-1	5874	6035	6261	6057	3.20	cps
Calcium	43-1	325	292	375	331	12.69	cps
Calcium	44-1	17553	17887	17344	17595	1.56	cps
Chromium	52-2	717	720	750	729	2.52	cps
Cobalt	59-2	113	90	130	111	18.08	cps
Copper	63-2	1253	1260	1177	1230	3.77	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	58	108	100	89	30.13	cps
Erbium	164-2	23	27	33	28	18.33	cps
Gadolinium	160-1	183	233	192	203	13.21	cps
Gadolinium	160-2	413	393	290	366	18.11	cps
Holmium	165-1	24942301	24863165	25057373	24954280	0.39	cps
Holmium	165-2	12702281	12733013	12728155	12721150	0.13	cps
Indium	115-1	19988777	20091895	20014568	20031747	0.27	cps
Indium	115-2	4023603	4034160	4031510	4029758	0.14	cps
Iron	56-2	9826	9831	9092	9583	4.44	cps
Iron	57-2	494	417	456	456	8.54	cps
Lead	207-1	483	550	567	533	8.27	cps
Lead	208-1	2333	2389	2539	2421	4.39	cps
Lead	206-1	628	594	611	611	2.73	cps
Lithium	6-1	4869702	4874885	4894401	4879663	0.27	cps
Magnesium	24-2	825	642	625	697	15.92	cps
Manganese	55-2	60	87	53	67	26.46	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:01:19	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1817	2025	1650	1831	10.26	cps
Molybdenum	98-1	4926	4634	4076	4545	9.51	cps
Molybdenum	94-1	2584	2550	2434	2523	3.12	cps
Molybdenum	95-1	3342	2967	2759	3023	9.78	cps
Molybdenum	96-1	3776	3409	2892	3359	13.22	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	63	50	50	54	14.14	cps
Phosphorus	31-2	692	617	658	656	5.73	cps
Potassium	39-2	41024	41091	40406	40840	0.93	cps
Rhodium	103-1	18636777	18600893	18728560	18655410	0.35	cps
Rhodium	103-2	8968768	9047696	9044818	9020427	0.50	cps
Scandium	45-1	12582533	12595450	12691139	12623040	0.47	cps
Scandium	45-2	605036	604247	608600	605961	0.38	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	111	106	104	107	3.61	cps
Selenium	82-1	126	66	159	117	40.30	cps
Silicon	28-1	365156	370439	367762	367786	0.72	cps
Silver	109-1	375	417	375	389	6.19	cps
Silver	107-1	375	433	383	397	7.94	cps
Sodium	23-2	34056	34349	34073	34159	0.48	cps
Strontium	86-1	1150	1042	1167	1120	6.06	cps
Strontium	88-1	283	250	275	269	6.44	cps
Sulfur	34-1	435873	443256	441147	440092	0.86	cps
Terbium	159-1	25538442	25515626	25678194	25577421	0.34	cps
Terbium	159-2	12639711	12699862	12704884	12681486	0.29	cps
Thallium	203-1	992	992	883	956	6.55	cps
Thallium	205-1	2042	2300	1917	2086	9.37	cps
Thorium	232-1	1550	1478	1495	1508	2.51	cps
Tin	118-1	2859	2567	2609	2678	5.89	cps
Titanium	47-1	183	258	158	200	26.02	cps
Uranium	238-1	183	158	192	178	9.76	cps
Vanadium	51-2	7	10	13	10	33.30	cps
Yttrium	89-1	20581244	20375007	20347916	20434722	0.62	cps
Yttrium	89-2	3094260	3097559	3110620	3100813	0.28	cps
Zinc	66-2	617	733	603	651	10.98	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:01:19	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2000	2242	1942	2061	7.72	cps
Zirconium	91-1	417	433	408	419	3.03	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 13:04:53 DataFile Name : 021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3317	3409	3534	3420	3.18	cps
Antimony	121-1	27787	27461	27753	27667	0.65	cps
Arsenic	75-2	528	576	515	540	5.97	cps
Barium	135-1	35062	33809	34226	34366	1.86	cps
Barium	137-1	59218	59629	59670	59506	0.42	cps
Beryllium	9-1	3195	3256	3317	3256	1.88	cps
Bismuth	209-1	15194286	15042137	15144470	15126964	0.51	cps
Bismuth	209-2	8632688	8607051	8666509	8635416	0.35	cps
Boron	11-1	54985	57192	56808	56328	2.09	cps
Boron	10-1	11922	11964	12481	12122	2.57	cps
Cadmium	106-1	9921	9337	9137	9465	4.30	cps
Cadmium	108-1	321	367	363	350	7.24	cps
Cadmium	111-1	10475	9980	9809	10088	3.43	cps
Calcium	43-1	21867	21716	22318	21967	1.42	cps
Calcium	44-1	361669	367000	367204	365291	0.86	cps
Chromium	52-2	11054	10904	11054	11004	0.79	cps
Cobalt	59-2	7826	7796	7906	7842	0.73	cps
Copper	63-2	12409	11938	12249	12199	1.96	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	142	75	50	89	53.31	cps
Erbium	164-2	17	43	47	36	46.24	cps
Gadolinium	160-1	217	183	242	214	13.68	cps
Gadolinium	160-2	357	390	377	374	4.48	cps
Holmium	165-1	24697508	24792792	24675293	24721864	0.25	cps
Holmium	165-2	12672770	12654176	12735857	12687601	0.34	cps
Indium	115-1	20035365	20015641	19933027	19994678	0.27	cps
Indium	115-2	4039163	4031990	4039167	4036773	0.10	cps
Iron	56-2	209400	209727	210121	209750	0.17	cps
Iron	57-2	5512	5446	5540	5499	0.88	cps
Lead	207-1	10621	10310	10232	10388	1.98	cps
Lead	208-1	46839	47240	46683	46921	0.61	cps
Lead	206-1	11350	12050	11822	11741	3.04	cps
Lithium	6-1	4843482	4862104	4851649	4852411	0.19	cps
Magnesium	24-2	185230	183443	185485	184720	0.60	cps
Manganese	55-2	2997	2870	2767	2878	4.00	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:04:53	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	22577	22134	23003	22572	1.92	cps
Molybdenum	98-1	59182	59851	58420	59151	1.21	cps
Molybdenum	94-1	29991	31135	31644	30923	2.74	cps
Molybdenum	95-1	37651	38260	36857	37589	1.87	cps
Molybdenum	96-1	40734	41996	41871	41534	1.67	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2220	2367	2374	2320	3.74	cps
Phosphorus	31-2	650	633	692	658	4.57	cps
Potassium	39-2	216905	217851	218089	217615	0.29	cps
Rhodium	103-1	18602519	18520462	18622825	18581935	0.29	cps
Rhodium	103-2	9001482	9023890	9015047	9013473	0.13	cps
Scandium	45-1	12631918	12718363	12658468	12669583	0.35	cps
Scandium	45-2	609561	607278	608968	608602	0.19	cps
Selenium	77-2	73	80	63	72	11.62	cps
Selenium	78-2	319	330	387	345	10.66	cps
Selenium	82-1	1539	1654	1508	1567	4.90	cps
Silicon	28-1	515672	511700	510952	512775	0.49	cps
Silver	109-1	18454	19180	18296	18644	2.53	cps
Silver	107-1	19247	19647	19072	19322	1.53	cps
Sodium	23-2	383722	382748	380407	382292	0.45	cps
Strontium	86-1	6143	5860	5451	5818	5.98	cps
Strontium	88-1	41528	41244	41293	41355	0.37	cps
Sulfur	34-1	464959	466825	469170	466985	0.45	cps
Terbium	159-1	25550678	25428453	25436446	25471859	0.27	cps
Terbium	159-2	12627048	12617641	12718210	12654299	0.44	cps
Thallium	203-1	14383	14033	14383	14266	1.42	cps
Thallium	205-1	34638	34780	34295	34571	0.72	cps
Thorium	232-1	45146	44711	45575	45144	0.96	cps
Tin	118-1	60682	59602	58832	59705	1.56	cps
Titanium	47-1	10412	11155	10563	10710	3.66	cps
Uranium	238-1	44293	43123	44930	44115	2.08	cps
Vanadium	51-2	18295	18662	18528	18495	1.00	cps
Yttrium	89-1	20558582	20559949	20405362	20507964	0.43	cps
Yttrium	89-2	3136833	3119944	3089979	3115585	0.76	cps
Zinc	66-2	2470	2450	2370	2430	2.18	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:04:53	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	27018	27176	26584	26926	1.14	cps
Zirconium	91-1	5893	6477	5968	6113	5.19	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	PB112561BL	Instrumnet Name :	P7
Client Sample ID :	PB112561BL	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:08:39	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	50	108	81	36.33	cps
Antimony	121-1	350	333	392	358	8.39	cps
Arsenic	75-2	15	15	13	14	7.53	cps
Barium	135-1	25	17	25	22	21.64	cps
Barium	137-1	58	100	92	83	26.45	cps
Beryllium	9-1	72	100	72	81	19.68	cps
Bismuth	209-1	15059121	15085003	15107282	15083802	0.16	cps
Bismuth	209-2	8665115	8685322	8562335	8637591	0.76	cps
Boron	11-1	8720	9337	9512	9189	4.53	cps
Boron	10-1	2209	1959	1917	2028	7.78	cps
Cadmium	106-1	8820	8820	8937	8859	0.76	cps
Cadmium	108-1	13	13	17	14	17.33	cps
Cadmium	111-1	6173	6173	6252	6200	0.73	cps
Calcium	43-1	308	350	292	317	9.49	cps
Calcium	44-1	16577	17011	16552	16713	1.54	cps
Chromium	52-2	783	717	867	789	9.53	cps
Cobalt	59-2	97	97	103	99	3.89	cps
Copper	63-2	980	1280	1047	1102	14.29	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	92	58	25	58	57.14	cps
Erbium	164-2	13	53	57	41	58.66	cps
Gadolinium	160-1	167	192	133	164	17.86	cps
Gadolinium	160-2	413	393	310	372	14.72	cps
Holmium	165-1	24818022	24600261	24695763	24704682	0.44	cps
Holmium	165-2	12718413	12681849	12646371	12682211	0.28	cps
Indium	115-1	20026178	20135867	20006032	20056026	0.35	cps
Indium	115-2	4069515	4089228	4052883	4070542	0.45	cps
Iron	56-2	7619	7385	7441	7482	1.63	cps
Iron	57-2	489	422	417	443	9.08	cps
Lead	207-1	422	400	439	420	4.64	cps
Lead	208-1	1833	1856	1995	1895	4.61	cps
Lead	206-1	422	378	544	448	19.26	cps
Lithium	6-1	4899880	4906947	4918175	4908334	0.19	cps
Magnesium	24-2	358	392	433	394	9.53	cps
Manganese	55-2	57	57	53	56	3.47	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : PB112561BL Instrumnet Name : P7
 Client Sample ID : PB112561BL Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 13:08:39 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	900	867	817	861	4.87	cps
Molybdenum	98-1	2384	2017	2234	2211	8.34	cps
Molybdenum	94-1	1642	1533	1408	1528	7.64	cps
Molybdenum	95-1	1425	1308	1283	1339	5.65	cps
Molybdenum	96-1	1909	1575	1700	1728	9.75	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	73	67	47	62	22.30	cps
Phosphorus	31-2	750	625	517	631	18.52	cps
Potassium	39-2	40690	40089	39646	40141	1.31	cps
Rhodium	103-1	18674668	18796549	18640829	18704016	0.44	cps
Rhodium	103-2	9085868	9133864	9010975	9076902	0.68	cps
Scandium	45-1	12803550	12794679	12667508	12755245	0.60	cps
Scandium	45-2	618172	622084	613797	618018	0.67	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	124	135	119	126	6.74	cps
Selenium	82-1	144	-18	53	60	137.00	cps
Silicon	28-1	381838	381447	381621	381635	0.05	cps
Silver	109-1	150	183	208	181	16.21	cps
Silver	107-1	300	308	242	283	12.82	cps
Sodium	23-2	29146	29438	29171	29252	0.55	cps
Strontium	86-1	1042	1117	1050	1070	3.84	cps
Strontium	88-1	192	167	183	181	7.05	cps
Sulfur	34-1	481268	487296	494385	487650	1.35	cps
Terbium	159-1	25555655	25492529	25353244	25467143	0.41	cps
Terbium	159-2	12659727	12731586	12636686	12676000	0.39	cps
Thallium	203-1	533	642	617	597	9.50	cps
Thallium	205-1	1375	1709	1617	1567	10.99	cps
Thorium	232-1	856	778	767	800	6.05	cps
Tin	118-1	2234	1950	2092	2092	6.77	cps
Titanium	47-1	175	83	117	125	37.12	cps
Uranium	238-1	58	67	50	58	14.29	cps
Vanadium	51-2	3	3	20	9	108.30	cps
Yttrium	89-1	20557456	20644281	20567889	20589875	0.23	cps
Yttrium	89-2	3164214	3171533	3133189	3156312	0.64	cps
Zinc	66-2	647	683	700	677	4.03	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	PB112561BL	Instrumnet Name :	P7
Client Sample ID :	PB112561BL	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:08:39	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1867	1742	2050	1886	8.22	cps
Zirconium	91-1	483	350	333	389	21.14	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	PB112561BS	Instrumnet Name :	P7
Client Sample ID :	PB112561BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:12:13	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1536973	1535711	1540244	1537643	0.15	cps
Antimony	121-1	6721916	6738674	6678738	6713109	0.46	cps
Arsenic	75-2	244799	244438	247647	245628	0.72	cps
Barium	135-1	8551356	8549185	8538384	8546309	0.08	cps
Barium	137-1	14885090	14845557	14739990	14823546	0.51	cps
Beryllium	9-1	1523310	1520264	1516045	1519873	0.24	cps
Bismuth	209-1	14516183	14537128	14716972	14590095	0.76	cps
Bismuth	209-2	8097963	8097862	8178895	8124907	0.58	cps
Boron	11-1	970421	1008696	1007940	995686	2.20	cps
Boron	10-1	204371	209553	214621	209515	2.45	cps
Cadmium	106-1	210540	211438	211947	211308	0.34	cps
Cadmium	108-1	140054	139747	138569	139457	0.56	cps
Cadmium	111-1	1845377	1853683	1858319	1852460	0.35	cps
Calcium	43-1	2133547	2127762	2130424	2130578	0.14	cps
Calcium	44-1	35338337	35181375	34941124	35153612	0.57	cps
Chromium	52-2	2228591	2239101	2254683	2240792	0.59	cps
Cobalt	59-2	3612720	3645458	3633604	3630594	0.46	cps
Copper	63-2	5116538	5110125	5100680	5109115	0.16	cps
Dysprosium	156-1	175	83	117	125	37.12	cps
Dysprosium	156-2	120	143	197	153	25.63	cps
Erbium	164-1	92	100	83	92	9.09	cps
Erbium	164-2	43	47	53	48	10.66	cps
Gadolinium	160-1	208	267	325	267	21.88	cps
Gadolinium	160-2	300	347	420	356	17.01	cps
Holmium	165-1	24810588	24585796	24651873	24682752	0.47	cps
Holmium	165-2	12379786	12392155	12524491	12432144	0.65	cps
Indium	115-1	19065280	18949108	18798287	18937559	0.71	cps
Indium	115-2	3743480	3732620	3754655	3743585	0.29	cps
Iron	56-2	94518685	94125663	94717083	94453810	0.32	cps
Iron	57-2	2343880	2325439	2339396	2336238	0.41	cps
Lead	207-1	4812185	4837805	4838259	4829417	0.31	cps
Lead	208-1	21605866	21620245	21841847	21689319	0.61	cps
Lead	206-1	5433062	5399954	5468648	5433888	0.63	cps
Lithium	6-1	4951356	4905513	4889259	4915376	0.66	cps
Magnesium	24-2	17963185	18054632	17980897	17999571	0.27	cps
Manganese	55-2	2680592	2663972	2690151	2678238	0.49	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	PB112561BS	Instrumnet Name :	P7
Client Sample ID :	PB112561BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:12:13	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	11022347	10840276	10884759	10915794	0.87	cps
Molybdenum	98-1	28071330	27902576	27812496	27928801	0.47	cps
Molybdenum	94-1	14353398	14200890	14228664	14260984	0.57	cps
Molybdenum	95-1	17507794	17327227	17392986	17409336	0.52	cps
Molybdenum	96-1	19434696	19181661	19268329	19294895	0.67	cps
Neodymium	150-1	580	573	587	580	1.15	cps
Neodymium	150-2	67	80	77	74	9.32	cps
Nickel	60-2	949113	955063	958105	954094	0.48	cps
Phosphorus	31-2	88378	90600	91086	90021	1.60	cps
Potassium	39-2	8598430	8539369	8536281	8558027	0.41	cps
Rhodium	103-1	17421407	17313076	17420447	17384977	0.36	cps
Rhodium	103-2	8297272	8274200	8311757	8294410	0.23	cps
Scandium	45-1	12129036	12129807	12163620	12140821	0.16	cps
Scandium	45-2	580348	580743	584795	581962	0.42	cps
Selenium	77-2	6502	6241	6712	6485	3.63	cps
Selenium	78-2	22102	21802	22371	22092	1.29	cps
Selenium	82-1	137040	135911	135660	136204	0.54	cps
Silicon	28-1	5128911	5187876	5209121	5175303	0.80	cps
Silver	109-1	8796267	8696674	8667933	8720291	0.77	cps
Silver	107-1	9131056	9083335	9115132	9109841	0.27	cps
Sodium	23-2	34391457	34529520	34406755	34442577	0.22	cps
Strontium	86-1	2252832	2234171	2241372	2242791	0.42	cps
Strontium	88-1	19898149	19657978	19780955	19779027	0.61	cps
Sulfur	34-1	1206826	1180300	1162238	1183121	1.90	cps
Terbium	159-1	25258714	25339225	25293224	25297054	0.16	cps
Terbium	159-2	12290164	12327368	12306605	12308045	0.15	cps
Thallium	203-1	6856455	6806025	6864544	6842341	0.46	cps
Thallium	205-1	16240551	16119075	16276760	16212129	0.51	cps
Thorium	232-1	22846812	22682940	23071475	22867076	0.85	cps
Tin	118-1	5801801	5802686	5725590	5776692	0.77	cps
Titanium	47-1	4945030	4916049	4918270	4926450	0.33	cps
Uranium	238-1	21880443	21789103	21976268	21881938	0.43	cps
Vanadium	51-2	1821353	1818324	1835104	1824927	0.49	cps
Yttrium	89-1	19966018	19853337	19900623	19906659	0.28	cps
Yttrium	89-2	2935239	2923225	2952355	2936940	0.50	cps
Zinc	66-2	745112	748760	750430	748100	0.36	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	PB112561BS	Instrumnet Name :	P7
Client Sample ID :	PB112561BS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:12:13	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12068348	12019095	12093186	12060210	0.31	cps
Zirconium	91-1	2683907	2662464	2658112	2668161	0.52	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01	Instrumnet Name :	P7
Client Sample ID :	FL-0565	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:15:49	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5943	6051	5585	5860	4.17	cps
Antimony	121-1	37978	33341	29766	33695	12.22	cps
Arsenic	75-2	26125	26502	26558	26395	0.89	cps
Barium	135-1	64324	65471	64969	64921	0.89	cps
Barium	137-1	110386	110487	112217	111030	0.93	cps
Beryllium	9-1	211	183	161	185	13.53	cps
Bismuth	209-1	14833553	15086717	15094741	15005004	0.99	cps
Bismuth	209-2	8198416	8239613	8274973	8237667	0.47	cps
Boron	11-1	69795	66548	63216	66520	4.94	cps
Boron	10-1	14774	14449	13256	14160	5.65	cps
Cadmium	106-1	9120	8828	8978	8975	1.63	cps
Cadmium	108-1	367	346	325	346	6.02	cps
Cadmium	111-1	9849	10034	10054	9979	1.13	cps
Calcium	43-1	1415079	1443372	1444503	1434318	1.16	cps
Calcium	44-1	23444884	23741542	23747651	23644692	0.73	cps
Chromium	52-2	4938	4828	4657	4808	2.94	cps
Cobalt	59-2	2000	2010	2010	2007	0.29	cps
Copper	63-2	21446	21009	20608	21021	1.99	cps
Dysprosium	156-1	150	175	200	175	14.28	cps
Dysprosium	156-2	80	110	100	97	15.80	cps
Erbium	164-1	208	292	267	256	16.73	cps
Erbium	164-2	93	103	87	94	8.88	cps
Gadolinium	160-1	383	383	400	389	2.48	cps
Gadolinium	160-2	417	363	373	384	7.37	cps
Holmium	165-1	24073512	24575764	24634892	24428056	1.26	cps
Holmium	165-2	12078689	12158048	12267881	12168206	0.78	cps
Indium	115-1	21145232	21522405	21564861	21410833	1.08	cps
Indium	115-2	4187196	4187664	4183174	4186011	0.06	cps
Iron	56-2	13952023	13989444	13955751	13965739	0.15	cps
Iron	57-2	350275	349661	351217	350384	0.22	cps
Lead	207-1	5246	4896	4862	5001	4.25	cps
Lead	208-1	23653	22580	22480	22905	2.84	cps
Lead	206-1	5907	5890	5768	5855	1.30	cps
Lithium	6-1	5220939	5151411	5135817	5169389	0.88	cps
Magnesium	24-2	2307537	2335061	2310642	2317747	0.65	cps
Manganese	55-2	760830	765712	753824	760122	0.79	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01	Instrumnet Name :	P7
Client Sample ID :	FL-0565	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:15:49	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	18938	17645	16602	17728	6.60	cps
Molybdenum	98-1	47865	46101	43885	45950	4.34	cps
Molybdenum	94-1	18271	18279	16635	17728	5.34	cps
Molybdenum	95-1	30225	29381	26392	28666	7.03	cps
Molybdenum	96-1	31911	31577	29957	31149	3.36	cps
Neodymium	150-1	200	280	320	267	22.91	cps
Neodymium	150-2	113	140	100	118	17.29	cps
Nickel	60-2	1947	1883	1964	1931	2.19	cps
Phosphorus	31-2	1242	1250	1033	1175	10.45	cps
Potassium	39-2	1462963	1465526	1451802	1460097	0.50	cps
Rhodium	103-1	17608301	17953410	17886447	17816052	1.03	cps
Rhodium	103-2	8614665	8673905	8711136	8666568	0.56	cps
Scandium	45-1	12183190	12278503	12264556	12242083	0.42	cps
Scandium	45-2	605725	610561	605378	607221	0.48	cps
Selenium	77-2	7	13	3	8	65.47	cps
Selenium	78-2	126	133	102	120	13.68	cps
Selenium	82-1	118	-4	-6	36	198.68	cps
Silicon	28-1	32269933	32602423	32277703	32383353	0.59	cps
Silver	109-1	9162	9379	9028	9189	1.92	cps
Silver	107-1	9278	10179	8878	9445	7.05	cps
Sodium	23-2	22553557	22738817	22736244	22676206	0.47	cps
Strontium	86-1	617459	634936	639783	630726	1.86	cps
Strontium	88-1	5476654	5515910	5590148	5527571	1.04	cps
Sulfur	34-1	623113	632049	633410	629524	0.89	cps
Terbium	159-1	24797649	24961562	25278750	25012654	0.98	cps
Terbium	159-2	12048026	12168863	12249069	12155320	0.83	cps
Thallium	203-1	7953	5702	3659	5771	37.22	cps
Thallium	205-1	18681	12790	9395	13622	34.49	cps
Thorium	232-1	7541	7074	6057	6891	11.01	cps
Tin	118-1	22944	26042	28329	25772	10.49	cps
Titanium	47-1	4176	4326	4167	4223	2.11	cps
Uranium	238-1	23205	24115	23890	23737	2.00	cps
Vanadium	51-2	1883	1947	2117	1982	6.09	cps
Yttrium	89-1	19790342	20077762	20198308	20022137	1.05	cps
Yttrium	89-2	2988749	3009045	3018892	3005562	0.51	cps
Zinc	66-2	48517	48878	48628	48674	0.38	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01	Instrumnet Name :	P7
Client Sample ID :	FL-0565	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:15:49	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3567	3284	3342	3398	4.41	cps
Zirconium	91-1	875	758	708	781	10.96	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DUP	Instrumnet Name :	P7
Client Sample ID :	FL-0565DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:19:24	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6051	5651	6026	5910	3.79	cps
Antimony	121-1	18154	17753	16953	17620	3.47	cps
Arsenic	75-2	26493	26830	25936	26420	1.71	cps
Barium	135-1	66586	64560	67673	66273	2.38	cps
Barium	137-1	113284	112340	114015	113213	0.74	cps
Beryllium	9-1	122	156	111	130	17.84	cps
Bismuth	209-1	15041848	15042002	15140739	15074863	0.38	cps
Bismuth	209-2	7805730	8242773	8188070	8078858	2.95	cps
Boron	11-1	48479	47040	46490	47336	2.17	cps
Boron	10-1	9854	9428	10045	9776	3.23	cps
Cadmium	106-1	9037	8536	8570	8714	3.21	cps
Cadmium	108-1	346	263	300	303	13.78	cps
Cadmium	111-1	10067	9921	9956	9982	0.76	cps
Calcium	43-1	1444753	1471330	1460739	1458941	0.92	cps
Calcium	44-1	23772225	24084092	24003644	23953321	0.68	cps
Chromium	52-2	4434	4738	4561	4577	3.33	cps
Cobalt	59-2	1907	2067	2074	2016	4.68	cps
Copper	63-2	18982	20031	19426	19480	2.70	cps
Dysprosium	156-1	217	233	167	206	16.88	cps
Dysprosium	156-2	110	97	123	110	12.12	cps
Erbium	164-1	217	167	283	222	26.34	cps
Erbium	164-2	110	113	93	106	10.15	cps
Gadolinium	160-1	358	300	333	331	8.85	cps
Gadolinium	160-2	337	443	340	373	16.24	cps
Holmium	165-1	24834393	25037527	25201472	25024464	0.73	cps
Holmium	165-2	11464244	12134169	12169764	11922726	3.33	cps
Indium	115-1	21448327	21473212	21524107	21481882	0.18	cps
Indium	115-2	3844267	4023314	4040043	3969208	2.73	cps
Iron	56-2	14100182	14134647	13963890	14066240	0.64	cps
Iron	57-2	353999	355819	352259	354026	0.50	cps
Lead	207-1	4056	3979	4023	4019	0.97	cps
Lead	208-1	18795	18633	18500	18643	0.79	cps
Lead	206-1	5057	5023	4673	4918	4.32	cps
Lithium	6-1	4830603	4930980	4896735	4886106	1.04	cps
Magnesium	24-2	2370940	2374655	2349312	2364969	0.58	cps
Manganese	55-2	766548	770477	764892	767305	0.37	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DUP	Instrumnet Name :	P7
Client Sample ID :	FL-0565DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:19:24	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	14116	13073	13624	13604	3.83	cps
Molybdenum	98-1	34819	34743	34460	34674	0.55	cps
Molybdenum	94-1	12923	13432	13515	13290	2.41	cps
Molybdenum	95-1	21826	22861	21542	22076	3.14	cps
Molybdenum	96-1	23796	24380	23312	23829	2.25	cps
Neodymium	150-1	220	327	313	287	20.27	cps
Neodymium	150-2	127	123	127	126	1.53	cps
Nickel	60-2	1940	1800	1990	1910	5.16	cps
Phosphorus	31-2	1167	1133	1367	1222	10.33	cps
Potassium	39-2	1456363	1469809	1453063	1459745	0.61	cps
Rhodium	103-1	17933731	18094136	18352806	18126891	1.17	cps
Rhodium	103-2	8181766	8651380	8656211	8496452	3.21	cps
Scandium	45-1	12172119	12317274	12367504	12285632	0.83	cps
Scandium	45-2	567694	606728	602684	592369	3.62	cps
Selenium	77-2	7	17	10	11	45.82	cps
Selenium	78-2	89	113	109	104	12.50	cps
Selenium	82-1	201	21	17	80	131.89	cps
Silicon	28-1	32381122	32386053	32286560	32351245	0.17	cps
Silver	109-1	6235	6668	6502	6468	3.38	cps
Silver	107-1	6652	6852	6560	6688	2.23	cps
Sodium	23-2	23364494	23399522	23080041	23281352	0.75	cps
Strontium	86-1	644825	649899	652349	649024	0.59	cps
Strontium	88-1	5660405	5673775	5736827	5690336	0.72	cps
Sulfur	34-1	659110	664037	658383	660510	0.47	cps
Terbium	159-1	25362345	25613115	25755928	25577129	0.78	cps
Terbium	159-2	11520413	12073900	12126980	11907098	2.82	cps
Thallium	203-1	1158	833	767	920	22.79	cps
Thallium	205-1	2742	2284	1909	2311	18.06	cps
Thorium	232-1	2739	2700	2417	2619	6.72	cps
Tin	118-1	28505	31695	32455	30885	6.79	cps
Titanium	47-1	4217	4668	4242	4376	5.78	cps
Uranium	238-1	23856	23881	23739	23826	0.32	cps
Vanadium	51-2	2087	2110	2107	2101	0.60	cps
Yttrium	89-1	20268597	20290910	20366810	20308772	0.25	cps
Yttrium	89-2	2804110	3009364	2987067	2933514	3.84	cps
Zinc	66-2	48925	48089	47644	48220	1.35	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DUP	Instrumnet Name :	P7
Client Sample ID :	FL-0565DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:19:24	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3067	2917	2842	2942	3.89	cps
Zirconium	91-1	675	725	842	747	11.45	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01LX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:22:59	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1275	1350	1542	1389	9.90	cps
Antimony	121-1	2525	2584	2425	2511	3.19	cps
Arsenic	75-2	5349	5395	5438	5394	0.82	cps
Barium	135-1	13465	13232	13490	13396	1.06	cps
Barium	137-1	22636	22703	23529	22956	2.17	cps
Beryllium	9-1	139	111	89	113	22.18	cps
Bismuth	209-1	15506721	15636094	15601854	15581556	0.43	cps
Bismuth	209-2	8477037	8480051	8527398	8494829	0.33	cps
Boron	11-1	17886	18078	17886	17950	0.62	cps
Boron	10-1	3676	3726	3917	3773	3.38	cps
Cadmium	106-1	8486	9137	8361	8661	4.81	cps
Cadmium	108-1	75	75	104	85	19.88	cps
Cadmium	111-1	6696	7185	6576	6819	4.73	cps
Calcium	43-1	296061	296987	293226	295425	0.66	cps
Calcium	44-1	4903663	4885973	4855274	4881637	0.50	cps
Chromium	52-2	1900	1920	1920	1913	0.60	cps
Cobalt	59-2	420	443	387	417	6.84	cps
Copper	63-2	5508	5725	5785	5672	2.57	cps
Dysprosium	156-1	58	25	25	36	53.30	cps
Dysprosium	156-2	33	0	23	19	90.56	cps
Erbium	164-1	108	75	150	111	33.82	cps
Erbium	164-2	90	63	40	64	38.82	cps
Gadolinium	160-1	250	200	208	219	12.21	cps
Gadolinium	160-2	277	330	307	304	8.78	cps
Holmium	165-1	25611246	25652729	25595370	25619782	0.12	cps
Holmium	165-2	12610309	12646146	12607376	12621277	0.17	cps
Indium	115-1	20549258	20736440	20769744	20685147	0.57	cps
Indium	115-2	3967117	3990950	3967764	3975277	0.34	cps
Iron	56-2	2858709	2845745	2845444	2849966	0.27	cps
Iron	57-2	71970	72133	72026	72043	0.11	cps
Lead	207-1	1211	1378	1283	1291	6.48	cps
Lead	208-1	6117	6162	5756	6012	3.70	cps
Lead	206-1	1639	1561	1439	1546	6.52	cps
Lithium	6-1	4631880	4614803	4674087	4640257	0.66	cps
Magnesium	24-2	471521	474013	472964	472833	0.26	cps
Manganese	55-2	155781	155721	155212	155571	0.20	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01LX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:22:59	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	3376	3492	3642	3503	3.82	cps
Molybdenum	98-1	8920	7919	8478	8439	5.94	cps
Molybdenum	94-1	3534	3692	3642	3623	2.23	cps
Molybdenum	95-1	5418	5485	4493	5132	10.81	cps
Molybdenum	96-1	5910	5685	5768	5787	1.97	cps
Neodymium	150-1	73	47	80	67	26.46	cps
Neodymium	150-2	13	23	10	16	44.60	cps
Nickel	60-2	587	590	540	572	4.89	cps
Phosphorus	31-2	792	625	658	692	12.75	cps
Potassium	39-2	327210	323159	326915	325761	0.69	cps
Rhodium	103-1	18731895	18811803	18782850	18775516	0.22	cps
Rhodium	103-2	9032861	9023860	9022836	9026519	0.06	cps
Scandium	45-1	12582060	12583799	12601013	12588957	0.08	cps
Scandium	45-2	616508	611872	617839	615407	0.51	cps
Selenium	77-2	3	3	13	7	86.65	cps
Selenium	78-2	139	124	119	127	8.28	cps
Selenium	82-1	28	78	77	61	46.58	cps
Silicon	28-1	6831674	6868789	6874891	6858452	0.34	cps
Silver	109-1	2267	2125	2075	2156	4.61	cps
Silver	107-1	2300	1992	2484	2259	11.00	cps
Sodium	23-2	4706301	4680831	4738618	4708584	0.62	cps
Strontium	86-1	131837	130607	132953	131799	0.89	cps
Strontium	88-1	1121227	1145045	1133002	1133091	1.05	cps
Sulfur	34-1	520966	523587	521197	521916	0.28	cps
Terbium	159-1	26120395	26215426	26065523	26133781	0.29	cps
Terbium	159-2	12565567	12472874	12587271	12541904	0.48	cps
Thallium	203-1	467	442	383	431	9.93	cps
Thallium	205-1	1092	1100	1017	1070	4.29	cps
Thorium	232-1	1361	1306	1161	1276	8.09	cps
Tin	118-1	3392	3634	3851	3626	6.33	cps
Titanium	47-1	992	983	900	958	5.29	cps
Uranium	238-1	5043	5085	4851	4993	2.49	cps
Vanadium	51-2	420	457	513	463	10.15	cps
Yttrium	89-1	20633576	20675932	20759301	20689603	0.31	cps
Yttrium	89-2	3065814	3058005	3084158	3069326	0.44	cps
Zinc	66-2	12182	12245	11758	12062	2.20	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01LX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:22:59	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2034	1909	2100	2014	4.83	cps
Zirconium	91-1	392	433	433	419	5.74	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MS	Instrumnet Name :	P7
Client Sample ID :	FL-0565MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:26:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1503841	1486912	1507492	1499415	0.73	cps
Antimony	121-1	6730601	6762677	6757238	6750172	0.25	cps
Arsenic	75-2	263936	265560	263920	264472	0.36	cps
Barium	135-1	8509172	8508348	8482736	8500085	0.18	cps
Barium	137-1	14647443	14726843	14798984	14724423	0.51	cps
Beryllium	9-1	1308457	1297341	1283526	1296441	0.96	cps
Bismuth	209-1	14932538	14821261	14878908	14877569	0.37	cps
Bismuth	209-2	7846778	7900939	7865092	7870936	0.35	cps
Boron	11-1	890506	916878	940874	916086	2.75	cps
Boron	10-1	184985	192400	191278	189554	2.11	cps
Cadmium	106-1	207499	208555	207523	207859	0.29	cps
Cadmium	108-1	138775	138502	139368	138882	0.32	cps
Cadmium	111-1	1824197	1858039	1857006	1846414	1.04	cps
Calcium	43-1	3602617	3618393	3617785	3612932	0.25	cps
Calcium	44-1	58840201	59480691	59040968	59120620	0.55	cps
Chromium	52-2	2220169	2233128	2226161	2226486	0.29	cps
Cobalt	59-2	3621152	3640113	3621027	3627431	0.30	cps
Copper	63-2	5138628	5135399	5135085	5136371	0.04	cps
Dysprosium	156-1	308	333	242	294	16.09	cps
Dysprosium	156-2	240	187	167	198	19.17	cps
Erbium	164-1	258	192	283	244	19.38	cps
Erbium	164-2	103	113	90	102	11.45	cps
Gadolinium	160-1	292	375	417	361	17.63	cps
Gadolinium	160-2	387	380	407	391	3.55	cps
Holmium	165-1	25179387	25390966	25493460	25354604	0.63	cps
Holmium	165-2	12015737	12029304	12073486	12039509	0.25	cps
Indium	115-1	20604184	20794968	20884699	20761284	0.69	cps
Indium	115-2	3805569	3808332	3814029	3809310	0.11	cps
Iron	56-2	105872800	106566819	105620094	106019904	0.46	cps
Iron	57-2	2611561	2659397	2628765	2633241	0.92	cps
Lead	207-1	4581853	4628894	4634237	4614995	0.62	cps
Lead	208-1	20960000	21077680	21182458	21073379	0.53	cps
Lead	206-1	5279413	5382020	5395722	5352385	1.19	cps
Lithium	6-1	4778065	4738696	4747322	4754694	0.44	cps
Magnesium	24-2	20498843	20605800	20545386	20550010	0.26	cps
Manganese	55-2	3260055	3306719	3296395	3287723	0.75	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MS	Instrumnet Name :	P7
Client Sample ID :	FL-0565MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:26:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	10804553	10770572	10757175	10777433	0.23	cps
Molybdenum	98-1	27891661	27711888	27715219	27772923	0.37	cps
Molybdenum	94-1	14204137	14162060	14181253	14182483	0.15	cps
Molybdenum	95-1	17221146	17279040	17221400	17240529	0.19	cps
Molybdenum	96-1	19071932	19194982	19067320	19111411	0.38	cps
Neodymium	150-1	787	793	853	811	4.53	cps
Neodymium	150-2	127	113	167	136	20.47	cps
Nickel	60-2	950178	962052	964204	958811	0.79	cps
Phosphorus	31-2	1150	1267	1092	1170	7.62	cps
Potassium	39-2	9792069	9798805	9813730	9801535	0.11	cps
Rhodium	103-1	17671982	17707662	17690309	17689984	0.10	cps
Rhodium	103-2	8326758	8361480	8397702	8361980	0.42	cps
Scandium	45-1	12344746	12289765	12286123	12306878	0.27	cps
Scandium	45-2	588387	596182	591319	591963	0.67	cps
Selenium	77-2	6181	6475	6742	6466	4.33	cps
Selenium	78-2	21755	21640	21739	21711	0.29	cps
Selenium	82-1	136606	136902	138472	137327	0.73	cps
Silicon	28-1	34011051	34251323	34254249	34172207	0.41	cps
Silver	109-1	8284998	8227043	8259846	8257296	0.35	cps
Silver	107-1	8685798	8659894	8688156	8677949	0.18	cps
Sodium	23-2	57330151	57576347	57173701	57360067	0.35	cps
Strontium	86-1	2880400	2920218	2936635	2912418	0.99	cps
Strontium	88-1	25035058	25344454	25709766	25363093	1.33	cps
Sulfur	34-1	639067	635875	616147	630363	1.97	cps
Terbium	159-1	25890649	25822155	25993084	25901962	0.33	cps
Terbium	159-2	11929521	11973474	12061761	11988252	0.56	cps
Thallium	203-1	6559673	6580231	6717257	6619054	1.29	cps
Thallium	205-1	15534226	15630682	15861446	15675451	1.07	cps
Thorium	232-1	7124	6880	5840	6615	10.31	cps
Tin	118-1	5598155	5672536	5642307	5637666	0.66	cps
Titanium	47-1	4766059	4753315	4746165	4755180	0.21	cps
Uranium	238-1	21414328	21551245	21608418	21524664	0.46	cps
Vanadium	51-2	1782059	1799112	1787506	1789559	0.49	cps
Yttrium	89-1	20190346	20366974	20393108	20316810	0.54	cps
Yttrium	89-2	2885129	2919874	2917948	2907651	0.67	cps
Zinc	66-2	766934	775237	777515	773229	0.72	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MS	Instrumnet Name :	P7
Client Sample ID :	FL-0565MS	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:26:34	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11881411	12034485	11906223	11940707	0.69	cps
Zirconium	91-1	2570776	2654057	2637610	2620814	1.68	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSD	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:30:15	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1463463	1473193	1437580	1458079	1.26	cps
Antimony	121-1	6513946	6555111	6544087	6537715	0.33	cps
Arsenic	75-2	254847	256511	254529	255296	0.42	cps
Barium	135-1	8227440	8274243	8308708	8270130	0.49	cps
Barium	137-1	14329357	14388191	14510972	14409507	0.64	cps
Beryllium	9-1	1237282	1246763	1258053	1247366	0.83	cps
Bismuth	209-1	14377313	14652046	14701194	14576851	1.20	cps
Bismuth	209-2	7743052	7634204	7658113	7678456	0.75	cps
Boron	11-1	864835	887164	908479	886826	2.46	cps
Boron	10-1	178139	183387	188053	183193	2.71	cps
Cadmium	106-1	199418	204886	204118	202807	1.46	cps
Cadmium	108-1	132697	134215	135538	134150	1.06	cps
Cadmium	111-1	1767471	1803115	1813838	1794808	1.35	cps
Calcium	43-1	3472816	3504547	3511444	3496269	0.59	cps
Calcium	44-1	56759012	57302322	57659910	57240414	0.79	cps
Chromium	52-2	2203654	2172081	2182363	2186033	0.74	cps
Cobalt	59-2	3574590	3539457	3530562	3548203	0.66	cps
Copper	63-2	5019568	4986316	4972457	4992780	0.48	cps
Dysprosium	156-1	292	225	342	286	20.46	cps
Dysprosium	156-2	193	227	197	206	8.93	cps
Erbium	164-1	233	258	250	247	5.15	cps
Erbium	164-2	103	93	100	99	5.15	cps
Gadolinium	160-1	325	325	308	319	3.01	cps
Gadolinium	160-2	393	317	360	357	10.78	cps
Holmium	165-1	24570927	24725027	24975012	24756988	0.82	cps
Holmium	165-2	11882911	11841346	11861179	11861812	0.18	cps
Indium	115-1	19742814	19802110	20237075	19927333	1.35	cps
Indium	115-2	3683583	3634114	3643732	3653810	0.72	cps
Iron	56-2	104594291	102872700	103087580	103518190	0.91	cps
Iron	57-2	2585494	2562978	2579634	2576036	0.45	cps
Lead	207-1	4508435	4522249	4524577	4518421	0.19	cps
Lead	208-1	20567475	20744351	20783316	20698381	0.56	cps
Lead	206-1	5213884	5275859	5290941	5260228	0.78	cps
Lithium	6-1	4408654	4470975	4459181	4446270	0.74	cps
Magnesium	24-2	20448791	20315702	20017793	20260762	1.09	cps
Manganese	55-2	3228656	3188841	3201319	3206272	0.64	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSD	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:30:15	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	10371684	10422272	10545467	10446474	0.86	cps
Molybdenum	98-1	26710861	26632141	27051976	26798326	0.83	cps
Molybdenum	94-1	13753758	13764509	13982469	13833579	0.93	cps
Molybdenum	95-1	16596918	16663294	16826960	16695724	0.71	cps
Molybdenum	96-1	18367202	18516862	18632624	18505563	0.72	cps
Neodymium	150-1	707	787	927	807	13.80	cps
Neodymium	150-2	107	130	117	118	9.94	cps
Nickel	60-2	938046	932596	939927	936857	0.41	cps
Phosphorus	31-2	1008	892	875	925	7.85	cps
Potassium	39-2	9552511	9525723	9402535	9493590	0.84	cps
Rhodium	103-1	17093898	17208146	17389763	17230602	0.87	cps
Rhodium	103-2	8194384	8115785	8181111	8163760	0.52	cps
Scandium	45-1	11840327	11900234	11811130	11850564	0.38	cps
Scandium	45-2	586322	575511	576175	579336	1.05	cps
Selenium	77-2	6011	6251	6255	6173	2.26	cps
Selenium	78-2	20631	21004	20407	20681	1.46	cps
Selenium	82-1	131150	131530	131766	131482	0.24	cps
Silicon	28-1	32357416	32826060	32723956	32635811	0.76	cps
Silver	109-1	8030572	8049806	7997638	8026005	0.33	cps
Silver	107-1	8384233	8412779	8490491	8429168	0.65	cps
Sodium	23-2	56751101	56097801	55896530	56248478	0.79	cps
Strontium	86-1	2792895	2836897	2850626	2826806	1.07	cps
Strontium	88-1	24440205	24582218	24865743	24629389	0.88	cps
Sulfur	34-1	587236	586837	586867	586980	0.04	cps
Terbium	159-1	25312296	25330020	25655371	25432563	0.76	cps
Terbium	159-2	11863754	11684862	11752518	11767045	0.77	cps
Thallium	203-1	6473296	6567598	6584179	6541691	0.91	cps
Thallium	205-1	15418951	15584602	15547180	15516911	0.56	cps
Thorium	232-1	4534	4529	4556	4540	0.32	cps
Tin	118-1	5445198	5480726	5530061	5485328	0.78	cps
Titanium	47-1	4548552	4600636	4596846	4582011	0.63	cps
Uranium	238-1	21143425	21160559	21334501	21212828	0.50	cps
Vanadium	51-2	1770803	1742428	1761977	1758403	0.83	cps
Yttrium	89-1	19664640	19916080	19905545	19828755	0.72	cps
Yttrium	89-2	2863387	2813302	2845919	2840869	0.89	cps
Zinc	66-2	744917	740552	740870	742113	0.33	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSD	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:30:15	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11513993	11663223	11623037	11600084	0.67	cps
Zirconium	91-1	2525913	2538897	2550916	2538575	0.49	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01A	Instrumnet Name :	P7
Client Sample ID :	FL-0565A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:33:55	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1447022	1484892	1460382	1464099	1.31	cps
Antimony	121-1	6717393	6714191	6698144	6709909	0.15	cps
Arsenic	75-2	258864	258437	259722	259008	0.25	cps
Barium	135-1	8475688	8446451	8442330	8454823	0.22	cps
Barium	137-1	14665704	14774412	14729246	14723121	0.37	cps
Beryllium	9-1	1273815	1272050	1269726	1271863	0.16	cps
Bismuth	209-1	14914472	14497364	14729566	14713801	1.42	cps
Bismuth	209-2	7698553	7757513	7761384	7739150	0.45	cps
Boron	11-1	880302	915055	928924	908094	2.76	cps
Boron	10-1	184662	191002	191093	188919	1.95	cps
Cadmium	106-1	203765	207797	204718	205427	1.03	cps
Cadmium	108-1	137292	140665	137610	138522	1.34	cps
Cadmium	111-1	1835713	1842490	1836278	1838160	0.20	cps
Calcium	43-1	3560504	3549317	3550112	3553311	0.18	cps
Calcium	44-1	57883468	58491493	58400174	58258378	0.56	cps
Chromium	52-2	2200888	2226933	2215477	2214432	0.59	cps
Cobalt	59-2	3579133	3615634	3624951	3606573	0.67	cps
Copper	63-2	5045843	5081227	5098526	5075199	0.53	cps
Dysprosium	156-1	267	333	367	322	15.80	cps
Dysprosium	156-2	223	173	173	190	15.19	cps
Erbium	164-1	183	300	242	242	24.14	cps
Erbium	164-2	137	113	83	111	24.06	cps
Gadolinium	160-1	417	350	325	364	13.02	cps
Gadolinium	160-2	410	427	340	392	11.72	cps
Holmium	165-1	25581882	24712469	25093316	25129222	1.73	cps
Holmium	165-2	11863494	11967888	11919636	11917006	0.44	cps
Indium	115-1	19984926	19706997	19817434	19836452	0.71	cps
Indium	115-2	3651474	3686059	3655165	3664233	0.52	cps
Iron	56-2	104826166	106054027	105176602	105352265	0.60	cps
Iron	57-2	2592206	2613386	2630092	2611895	0.73	cps
Lead	207-1	4609641	4613688	4663921	4629083	0.65	cps
Lead	208-1	21127616	21155062	21306501	21196393	0.45	cps
Lead	206-1	5389860	5392321	5426068	5402750	0.37	cps
Lithium	6-1	4497171	4346910	4379304	4407795	1.79	cps
Magnesium	24-2	20237613	20491701	20228851	20319388	0.73	cps
Manganese	55-2	3236886	3284455	3255463	3258935	0.74	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01A	Instrumnet Name :	P7
Client Sample ID :	FL-0565A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:33:55	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	10681912	10770688	10687035	10713212	0.47	cps
Molybdenum	98-1	27226215	27557508	27440970	27408231	0.61	cps
Molybdenum	94-1	13971059	14105681	14036064	14037601	0.48	cps
Molybdenum	95-1	17034585	17023238	17103043	17053622	0.25	cps
Molybdenum	96-1	18924432	19037703	18915493	18959209	0.36	cps
Neodymium	150-1	860	827	913	867	5.04	cps
Neodymium	150-2	187	133	133	151	20.38	cps
Nickel	60-2	940798	958565	959811	953058	1.12	cps
Phosphorus	31-2	942	917	942	933	1.55	cps
Potassium	39-2	9493339	9608548	9605515	9569134	0.69	cps
Rhodium	103-1	17566221	17135787	17179305	17293771	1.37	cps
Rhodium	103-2	8117447	8218843	8237782	8191357	0.79	cps
Scandium	45-1	12104048	11699526	11886956	11896843	1.70	cps
Scandium	45-2	571147	582524	571103	574925	1.14	cps
Selenium	77-2	6308	6211	5981	6167	2.72	cps
Selenium	78-2	21106	21219	21097	21141	0.32	cps
Selenium	82-1	133467	134883	135212	134520	0.69	cps
Silicon	28-1	32606389	32885455	32768597	32753480	0.43	cps
Silver	109-1	8198218	8273602	8180267	8217362	0.60	cps
Silver	107-1	8629875	8655740	8564009	8616542	0.55	cps
Sodium	23-2	56677774	56709593	56576124	56654497	0.12	cps
Strontium	86-1	2874699	2881745	2879442	2878629	0.12	cps
Strontium	88-1	25055536	25128648	24978205	25054130	0.30	cps
Sulfur	34-1	584409	577144	578029	579861	0.68	cps
Terbium	159-1	25907155	25484644	25825650	25739150	0.87	cps
Terbium	159-2	11793601	11710167	11919726	11807831	0.89	cps
Thallium	203-1	6787415	6739902	6704714	6744010	0.62	cps
Thallium	205-1	15871892	15926998	15943235	15914042	0.23	cps
Thorium	232-1	4017	3923	3423	3788	8.44	cps
Tin	118-1	5558149	5609085	5622846	5596693	0.61	cps
Titanium	47-1	4650139	4676621	4657402	4661387	0.29	cps
Uranium	238-1	21620643	21697667	21966418	21761576	0.83	cps
Vanadium	51-2	1774200	1798554	1784864	1785873	0.68	cps
Yttrium	89-1	20199803	19693313	19766153	19886423	1.38	cps
Yttrium	89-2	2825764	2851209	2821298	2832757	0.57	cps
Zinc	66-2	758523	761135	755245	758301	0.39	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01A	Instrumnet Name :	P7
Client Sample ID :	FL-0565A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:33:55	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11813015	11867973	11830123	11837037	0.24	cps
Zirconium	91-1	2553483	2601955	2638462	2597967	1.64	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:37:34	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1358	1175	1217	1250	7.69	cps
Antimony	121-1	2325	2284	2159	2256	3.85	cps
Arsenic	75-2	5207	5142	5023	5124	1.82	cps
Barium	135-1	13599	13198	13599	13465	1.72	cps
Barium	137-1	23078	24005	22995	23359	2.40	cps
Beryllium	9-1	183	267	233	228	18.41	cps
Bismuth	209-1	15679562	15538226	15724145	15647311	0.62	cps
Bismuth	209-2	8284363	8305939	8289286	8293196	0.14	cps
Boron	11-1	47300	44099	43597	44999	4.46	cps
Boron	10-1	9720	9211	9337	9423	2.81	cps
Cadmium	106-1	8678	8770	8578	8675	1.11	cps
Cadmium	108-1	100	58	71	76	27.99	cps
Cadmium	111-1	6942	7019	6830	6930	1.37	cps
Calcium	43-1	279461	282902	288108	283491	1.54	cps
Calcium	44-1	4720731	4686010	4709823	4705521	0.38	cps
Chromium	52-2	1807	1727	1620	1718	5.45	cps
Cobalt	59-2	420	417	457	431	5.15	cps
Copper	63-2	5114	4918	5091	5041	2.13	cps
Dysprosium	156-1	42	50	50	47	10.18	cps
Dysprosium	156-2	30	20	30	27	21.65	cps
Erbium	164-1	175	117	142	144	20.26	cps
Erbium	164-2	57	50	63	57	11.76	cps
Gadolinium	160-1	208	242	192	214	11.90	cps
Gadolinium	160-2	330	277	320	309	9.18	cps
Holmium	165-1	25624305	25590259	25700988	25638517	0.22	cps
Holmium	165-2	12207647	12227120	12280926	12238564	0.31	cps
Indium	115-1	20340613	20217749	20325812	20294725	0.33	cps
Indium	115-2	3786152	3773554	3768688	3776131	0.24	cps
Iron	56-2	2753634	2740025	2759404	2751021	0.36	cps
Iron	57-2	68621	68381	69425	68809	0.79	cps
Lead	207-1	1189	1083	1028	1100	7.44	cps
Lead	208-1	5634	5534	5306	5491	3.06	cps
Lead	206-1	1428	1422	1528	1459	4.07	cps
Lithium	6-1	4491819	4485970	4541458	4506415	0.68	cps
Magnesium	24-2	456762	452851	455286	454967	0.43	cps
Manganese	55-2	149221	148891	149123	149078	0.11	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:37:34	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	10921	9996	9070	9996	9.26	cps
Molybdenum	98-1	26024	24639	22669	24444	6.90	cps
Molybdenum	94-1	10354	9378	8611	9448	9.25	cps
Molybdenum	95-1	16293	15609	13807	15237	8.43	cps
Molybdenum	96-1	17678	16819	15451	16649	6.75	cps
Neodymium	150-1	73	33	47	51	39.86	cps
Neodymium	150-2	23	17	40	27	45.07	cps
Nickel	60-2	487	470	530	496	6.25	cps
Phosphorus	31-2	708	608	683	667	7.81	cps
Potassium	39-2	309651	307228	306659	307846	0.52	cps
Rhodium	103-1	18246456	18303920	18574793	18375056	0.95	cps
Rhodium	103-2	8680929	8727070	8691119	8699706	0.28	cps
Scandium	45-1	12198663	12081523	12143305	12141164	0.48	cps
Scandium	45-2	582750	586339	584042	584377	0.31	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	85	74	119	93	24.98	cps
Selenium	82-1	127	65	88	93	33.55	cps
Silicon	28-1	6511231	6610410	6648442	6590028	1.07	cps
Silver	109-1	1684	1759	1609	1684	4.46	cps
Silver	107-1	1975	2100	1984	2020	3.46	cps
Sodium	23-2	4540745	4501234	4566980	4536320	0.73	cps
Strontium	86-1	128900	128446	129707	129018	0.49	cps
Strontium	88-1	1103933	1113635	1120859	1112809	0.76	cps
Sulfur	34-1	467320	464335	468733	466796	0.48	cps
Terbium	159-1	26055366	26179246	26273623	26169412	0.42	cps
Terbium	159-2	12175238	12142364	12192440	12170014	0.21	cps
Thallium	203-1	3742	3909	3359	3670	7.69	cps
Thallium	205-1	9162	9696	7661	8840	11.94	cps
Thorium	232-1	394	361	411	389	6.55	cps
Tin	118-1	3992	3901	4276	4056	4.82	cps
Titanium	47-1	1083	992	1058	1045	4.54	cps
Uranium	238-1	4851	5110	5493	5151	6.27	cps
Vanadium	51-2	400	433	433	422	4.56	cps
Yttrium	89-1	20229461	20259686	20320492	20269880	0.23	cps
Yttrium	89-2	2922463	2916154	2915637	2918085	0.13	cps
Zinc	66-2	10561	10481	10938	10660	2.29	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565DL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:37:34	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2034	2459	2384	2292	9.90	cps
Zirconium	91-1	500	558	467	508	9.13	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:42:16	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7813048	7854945	7835427	7834474	0.27	cps
Antimony	121-1	6361409	6474079	6385915	6407134	0.92	cps
Arsenic	75-2	226274	228471	227330	227358	0.48	cps
Barium	135-1	8263767	8426471	8353866	8348035	0.98	cps
Barium	137-1	14301432	14578464	14566395	14482097	1.08	cps
Beryllium	9-1	1375086	1378927	1390131	1381381	0.57	cps
Bismuth	209-1	13885577	13907359	13837531	13876822	0.26	cps
Bismuth	209-2	7402666	7431709	7478556	7437644	0.51	cps
Boron	11-1	923331	957228	969498	950019	2.52	cps
Boron	10-1	193643	197935	200909	197496	1.85	cps
Cadmium	106-1	191957	196942	197839	195579	1.62	cps
Cadmium	108-1	130296	131478	131764	131179	0.59	cps
Cadmium	111-1	1699975	1714884	1717069	1710642	0.54	cps
Calcium	43-1	9908309	10118460	10068653	10031807	1.09	cps
Calcium	44-1	163939537	165756737	166314216	165336830	0.75	cps
Chromium	52-2	2263487	2275122	2272445	2270351	0.27	cps
Cobalt	59-2	3482146	3532992	3496654	3503931	0.75	cps
Copper	63-2	4729661	4749897	4737595	4739051	0.22	cps
Dysprosium	156-1	142	158	275	192	37.91	cps
Dysprosium	156-2	140	147	170	152	10.35	cps
Erbium	164-1	92	67	92	83	17.32	cps
Erbium	164-2	33	80	40	51	49.39	cps
Gadolinium	160-1	242	283	208	244	15.37	cps
Gadolinium	160-2	370	403	373	382	4.80	cps
Holmium	165-1	24585542	24744644	24672378	24667521	0.32	cps
Holmium	165-2	11915076	12089433	12063771	12022760	0.78	cps
Indium	115-1	18131652	18094333	18108983	18111656	0.10	cps
Indium	115-2	3455820	3496112	3512665	3488199	0.84	cps
Iron	56-2	450508999	449267310	451018310	450264873	0.20	cps
Iron	57-2	11099109	11167297	11096578	11120994	0.36	cps
Lead	207-1	4701136	4740200	4753938	4731758	0.58	cps
Lead	208-1	21204575	21337117	21264667	21268786	0.31	cps
Lead	206-1	5295804	5345231	5291369	5310801	0.56	cps
Lithium	6-1	4415458	4400353	4411636	4409149	0.18	cps
Magnesium	24-2	84783896	85581742	85315550	85227062	0.48	cps
Manganese	55-2	2524932	2539867	2542855	2535885	0.38	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:42:16	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	10559382	10670058	10697972	10642471	0.69	cps
Molybdenum	98-1	26981967	27352656	27396004	27243542	0.84	cps
Molybdenum	94-1	13832352	14032707	14068785	13977948	0.91	cps
Molybdenum	95-1	16822447	17091063	17049043	16987518	0.85	cps
Molybdenum	96-1	18669776	18895886	18915823	18827162	0.73	cps
Neodymium	150-1	593	647	620	620	4.30	cps
Neodymium	150-2	53	57	47	52	9.75	cps
Nickel	60-2	918186	923222	921061	920823	0.27	cps
Phosphorus	31-2	83433	83685	82311	83143	0.88	cps
Potassium	39-2	40496577	41000318	40688389	40728428	0.62	cps
Rhodium	103-1	15965609	15947636	16151007	16021418	0.70	cps
Rhodium	103-2	7666324	7733354	7759969	7719882	0.63	cps
Scandium	45-1	11472230	11576980	11635426	11561545	0.72	cps
Scandium	45-2	556687	557275	556708	556890	0.06	cps
Selenium	77-2	5838	5735	5675	5749	1.44	cps
Selenium	78-2	19218	19348	19576	19381	0.94	cps
Selenium	82-1	120100	122010	122048	121386	0.92	cps
Silicon	28-1	4992055	5173691	5253458	5139735	2.61	cps
Silver	109-1	8022822	8110697	8093053	8075524	0.58	cps
Silver	107-1	8325515	8401515	8431921	8386317	0.65	cps
Sodium	23-2	165582033	166896779	166258104	166245638	0.40	cps
Strontium	86-1	2140599	2193980	2178708	2171096	1.27	cps
Strontium	88-1	19040806	19185924	19197213	19141314	0.46	cps
Sulfur	34-1	1137311	1146693	1140960	1141654	0.41	cps
Terbium	159-1	25004170	25150881	24877461	25010838	0.55	cps
Terbium	159-2	11832507	11854232	11843932	11843557	0.09	cps
Thallium	203-1	6724928	6764719	6760868	6750171	0.33	cps
Thallium	205-1	15829937	15972181	15892735	15898284	0.45	cps
Thorium	232-1	22950493	23163643	23089093	23067743	0.47	cps
Tin	118-1	5575157	5635299	5599532	5603329	0.54	cps
Titanium	47-1	4655138	4723717	4717284	4698713	0.81	cps
Uranium	238-1	22046752	22312794	22119625	22159724	0.62	cps
Vanadium	51-2	1765222	1777192	1780784	1774400	0.46	cps
Yttrium	89-1	18979799	19095874	19046271	19040648	0.31	cps
Yttrium	89-2	2798436	2827053	2816915	2814135	0.52	cps
Zinc	66-2	658860	663646	669712	664072	0.82	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV76	Instrumnet Name :	P7
Client Sample ID :	CCV76	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:42:16	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11555892	11743260	11778547	11692567	1.02	cps
Zirconium	91-1	2521140	2559884	2579799	2553608	1.17	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : CCB76 Instrumnet Name : P7
 Client Sample ID : CCB76 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 13:52:59 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	58	117	97	34.64	cps
Antimony	121-1	975	617	883	825	22.56	cps
Arsenic	75-2	11	19	7	12	45.82	cps
Barium	135-1	83	67	42	64	32.83	cps
Barium	137-1	108	108	33	83	51.97	cps
Beryllium	9-1	117	111	100	109	7.77	cps
Bismuth	209-1	14482426	15591631	15122739	15065599	3.70	cps
Bismuth	209-2	8083601	8377793	8229571	8230322	1.79	cps
Boron	11-1	14449	14991	14891	14777	1.95	cps
Boron	10-1	3084	3376	3184	3214	4.61	cps
Cadmium	106-1	8186	8486	9354	8675	6.99	cps
Cadmium	108-1	33	17	29	26	32.86	cps
Cadmium	111-1	5744	5979	6556	6093	6.86	cps
Calcium	43-1	275	275	250	267	5.41	cps
Calcium	44-1	14049	14550	14650	14416	2.23	cps
Chromium	52-2	840	647	670	719	14.68	cps
Cobalt	59-2	107	120	73	100	24.04	cps
Copper	63-2	1193	1243	1197	1211	2.31	cps
Dysprosium	156-1	33	17	17	22	43.30	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	50	83	33	56	45.83	cps
Erbium	164-2	27	33	33	31	12.36	cps
Gadolinium	160-1	217	167	150	178	19.52	cps
Gadolinium	160-2	243	387	313	314	22.79	cps
Holmium	165-1	23848443	25434502	24910815	24731253	3.27	cps
Holmium	165-2	11880046	12305386	12152141	12112525	1.78	cps
Indium	115-1	18936414	20294541	19753548	19661501	3.48	cps
Indium	115-2	3688724	3847086	3796041	3777284	2.14	cps
Iron	56-2	8836	8508	7680	8342	7.14	cps
Iron	57-2	439	350	333	374	15.17	cps
Lead	207-1	856	872	756	828	7.62	cps
Lead	208-1	3678	4061	3923	3887	4.99	cps
Lead	206-1	845	1006	1156	1002	15.53	cps
Lithium	6-1	4496615	4732155	4675733	4634835	2.65	cps
Magnesium	24-2	875	583	450	636	34.17	cps
Manganese	55-2	83	53	113	83	36.01	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:52:59	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1592	1525	1533	1550	2.34	cps
Molybdenum	98-1	3859	3567	3642	3690	4.11	cps
Molybdenum	94-1	1934	2125	1792	1950	8.58	cps
Molybdenum	95-1	2525	2367	2359	2417	3.89	cps
Molybdenum	96-1	2834	2584	2692	2703	4.64	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	60	43	47	50	17.64	cps
Phosphorus	31-2	475	508	433	472	7.96	cps
Potassium	39-2	37448	36663	37699	37270	1.45	cps
Rhodium	103-1	17613071	18765638	18443775	18274162	3.25	cps
Rhodium	103-2	8412128	8839071	8672484	8641228	2.49	cps
Scandium	45-1	11748639	12606551	12344827	12233339	3.59	cps
Scandium	45-2	561182	589566	578648	576465	2.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	107	83	93	14.00	cps
Selenium	82-1	57	32	131	73	70.58	cps
Silicon	28-1	374460	376241	375773	375492	0.25	cps
Silver	109-1	575	625	767	656	15.17	cps
Silver	107-1	500	650	783	644	22.00	cps
Sodium	23-2	29021	29363	28219	28868	2.03	cps
Strontium	86-1	967	1033	1067	1022	4.98	cps
Strontium	88-1	300	158	292	250	31.80	cps
Sulfur	34-1	478733	483692	486431	482952	0.81	cps
Terbium	159-1	24305885	26063422	25632741	25334016	3.62	cps
Terbium	159-2	11706424	12285026	12022371	12004607	2.41	cps
Thallium	203-1	975	1067	875	972	9.86	cps
Thallium	205-1	2134	2075	2517	2242	10.70	cps
Thorium	232-1	995	1283	1095	1124	13.05	cps
Tin	118-1	2459	1975	2225	2220	10.89	cps
Titanium	47-1	142	83	175	133	34.80	cps
Uranium	238-1	125	133	75	111	28.40	cps
Vanadium	51-2	23	27	20	23	14.29	cps
Yttrium	89-1	19080263	20668595	20155478	19968112	4.06	cps
Yttrium	89-2	2846347	2952618	2918160	2905708	1.87	cps
Zinc	66-2	780	780	687	749	7.20	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCB76	Instrumnet Name :	P7
Client Sample ID :	CCB76	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 13:52:59	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1809	2109	1975	1964	7.65	cps
Zirconium	91-1	450	342	292	361	22.41	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:56:33	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1342	1275	1392	1336	4.38	cps
Antimony	121-1	2175	2459	2542	2392	8.04	cps
Arsenic	75-2	5603	5623	5625	5617	0.22	cps
Barium	135-1	14324	13724	14133	14060	2.18	cps
Barium	137-1	23713	24005	23846	23855	0.61	cps
Beryllium	9-1	106	100	117	107	7.90	cps
Bismuth	209-1	15175327	15212120	15204341	15197263	0.13	cps
Bismuth	209-2	8307418	8184801	8343487	8278568	1.00	cps
Boron	11-1	19480	20590	20682	20250	3.30	cps
Boron	10-1	4001	4292	4092	4129	3.61	cps
Cadmium	106-1	8862	8595	8286	8581	3.36	cps
Cadmium	108-1	88	117	42	82	46.14	cps
Cadmium	111-1	6942	6839	6700	6827	1.78	cps
Calcium	43-1	307233	310027	307715	308325	0.48	cps
Calcium	44-1	5109064	5137952	5119934	5122317	0.28	cps
Chromium	52-2	1770	1820	1927	1839	4.35	cps
Cobalt	59-2	490	390	497	459	13.02	cps
Copper	63-2	5094	5371	5244	5237	2.65	cps
Dysprosium	156-1	83	67	50	67	25.00	cps
Dysprosium	156-2	30	30	30	30	0.00	cps
Erbium	164-1	25	142	133	100	65.09	cps
Erbium	164-2	40	57	53	50	17.64	cps
Gadolinium	160-1	217	275	292	261	15.08	cps
Gadolinium	160-2	350	330	313	331	5.54	cps
Holmium	165-1	25015614	24881656	24665426	24854232	0.71	cps
Holmium	165-2	12303828	12283980	12290991	12292933	0.08	cps
Indium	115-1	19981502	20153677	20317120	20150766	0.83	cps
Indium	115-2	3905969	3864722	3871586	3880759	0.57	cps
Iron	56-2	2998786	2959697	2964431	2974305	0.72	cps
Iron	57-2	75086	75516	74136	74913	0.94	cps
Lead	207-1	1878	1628	1622	1709	8.54	cps
Lead	208-1	8123	7573	6873	7523	8.33	cps
Lead	206-1	2050	1756	1689	1832	10.49	cps
Lithium	6-1	4634523	4587519	4579338	4600460	0.65	cps
Magnesium	24-2	494381	486251	486836	489156	0.93	cps
Manganese	55-2	161252	160256	161316	160941	0.37	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:56:33	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	3784	3542	3492	3606	4.33	cps
Molybdenum	98-1	9153	8828	8786	8923	2.25	cps
Molybdenum	94-1	4142	3884	3876	3967	3.82	cps
Molybdenum	95-1	6002	5726	5376	5701	5.50	cps
Molybdenum	96-1	6218	6477	5668	6121	6.75	cps
Neodymium	150-1	93	33	67	64	46.65	cps
Neodymium	150-2	23	33	10	22	52.68	cps
Nickel	60-2	530	500	520	517	2.96	cps
Phosphorus	31-2	767	750	583	700	14.48	cps
Potassium	39-2	337298	332408	339515	336407	1.08	cps
Rhodium	103-1	18445604	18382920	18559855	18462793	0.49	cps
Rhodium	103-2	8856120	8866199	8942832	8888384	0.53	cps
Scandium	45-1	12512309	12442098	12486896	12480434	0.28	cps
Scandium	45-2	601765	593201	601345	598771	0.81	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	115	124	128	122	5.46	cps
Selenium	82-1	168	115	134	139	19.27	cps
Silicon	28-1	7293016	7302447	7244209	7279891	0.43	cps
Silver	109-1	1759	1809	2084	1884	9.29	cps
Silver	107-1	1842	2117	2109	2022	7.74	cps
Sodium	23-2	4894580	4856153	4851090	4867274	0.49	cps
Strontium	86-1	137402	137031	133591	136008	1.55	cps
Strontium	88-1	1165063	1179173	1183563	1175933	0.82	cps
Sulfur	34-1	535600	535496	537902	536333	0.25	cps
Terbium	159-1	25540623	25541545	25686220	25589463	0.33	cps
Terbium	159-2	12323204	12119420	12240296	12227640	0.84	cps
Thallium	203-1	2050	1800	1584	1811	12.90	cps
Thallium	205-1	5268	4618	4092	4659	12.64	cps
Thorium	232-1	750	678	794	741	7.95	cps
Tin	118-1	3134	2992	3117	3081	2.51	cps
Titanium	47-1	1050	1008	1025	1028	2.04	cps
Uranium	238-1	5101	5468	5210	5260	3.58	cps
Vanadium	51-2	430	487	370	429	13.60	cps
Yttrium	89-1	20306124	20295994	20435997	20346038	0.38	cps
Yttrium	89-2	3016678	2992634	3006655	3005322	0.40	cps
Zinc	66-2	10958	11111	10791	10953	1.46	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565DUPDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 13:56:33	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1875	2134	2034	2014	6.47	cps
Zirconium	91-1	442	417	517	458	11.36	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	FL-0565LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-04 14:00:07	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483	550	417	483	13.79	cps
Antimony	121-1	483	608	467	519	14.91	cps
Arsenic	75-2	954	1039	1070	1021	5.91	cps
Barium	135-1	2675	2742	2625	2681	2.18	cps
Barium	137-1	4459	4901	4509	4623	5.23	cps
Beryllium	9-1	128	117	189	144	26.93	cps
Bismuth	209-1	14737329	15173796	15297976	15069701	1.95	cps
Bismuth	209-2	8044730	8315334	8327228	8229097	1.94	cps
Boron	11-1	12964	12539	12064	12522	3.60	cps
Boron	10-1	2534	2392	2450	2459	2.90	cps
Cadmium	106-1	8561	8786	8528	8625	1.63	cps
Cadmium	108-1	38	38	38	38	0.00	cps
Cadmium	111-1	6163	6270	6114	6182	1.29	cps
Calcium	43-1	58400	57680	57404	57828	0.89	cps
Calcium	44-1	944960	948466	944015	945814	0.25	cps
Chromium	52-2	1003	1067	1120	1063	5.49	cps
Cobalt	59-2	137	173	147	152	12.45	cps
Copper	63-2	2330	2234	2250	2271	2.28	cps
Dysprosium	156-1	42	17	42	33	43.30	cps
Dysprosium	156-2	10	7	20	12	56.76	cps
Erbium	164-1	83	100	108	97	13.09	cps
Erbium	164-2	30	70	13	38	77.10	cps
Gadolinium	160-1	117	308	175	200	49.13	cps
Gadolinium	160-2	327	297	360	328	9.66	cps
Holmium	165-1	24155419	25196302	25101954	24817892	2.32	cps
Holmium	165-2	11889064	12293273	12352443	12178260	2.07	cps
Indium	115-1	19400495	20037622	20040248	19826122	1.86	cps
Indium	115-2	3744061	3862938	3886115	3831038	1.99	cps
Iron	56-2	554586	556976	558395	556652	0.35	cps
Iron	57-2	14152	14263	14508	14307	1.27	cps
Lead	207-1	1389	1472	1472	1445	3.33	cps
Lead	208-1	6256	6529	6340	6375	2.19	cps
Lead	206-1	1622	1711	1556	1630	4.79	cps
Lithium	6-1	4547149	4652541	4613637	4604442	1.16	cps
Magnesium	24-2	90405	91999	91973	91459	1.00	cps
Manganese	55-2	30422	29944	29767	30044	1.13	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	FL-0565LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-04 14:00:07	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	1483	1225	1100	1270	15.40	cps
Molybdenum	98-1	3209	3326	2975	3170	5.62	cps
Molybdenum	94-1	1709	1725	1725	1720	0.56	cps
Molybdenum	95-1	2100	1959	2150	2070	4.80	cps
Molybdenum	96-1	2575	2159	2617	2450	10.35	cps
Neodymium	150-1	7	7	27	13	86.58	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	190	173	197	187	6.44	cps
Phosphorus	31-2	608	533	442	528	15.82	cps
Potassium	39-2	93468	91976	92521	92655	0.81	cps
Rhodium	103-1	18003754	18576930	18512314	18364333	1.71	cps
Rhodium	103-2	8584350	8835905	8835455	8751904	1.66	cps
Scandium	45-1	12075715	12370065	12353484	12266421	1.35	cps
Scandium	45-2	575038	598853	599895	591262	2.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	70	74	94	80	16.28	cps
Selenium	82-1	7	59	60	42	71.60	cps
Silicon	28-1	1817881	1810114	1812176	1813390	0.22	cps
Silver	109-1	717	792	700	736	6.63	cps
Silver	107-1	817	917	933	889	7.10	cps
Sodium	23-2	906220	904087	907467	905925	0.19	cps
Strontium	86-1	25849	25791	25649	25763	0.40	cps
Strontium	88-1	217746	217797	221384	218976	0.95	cps
Sulfur	34-1	512514	509119	511816	511150	0.35	cps
Terbium	159-1	24921720	25840282	25623293	25461765	1.89	cps
Terbium	159-2	11856296	12208464	12245173	12103311	1.77	cps
Thallium	203-1	550	475	608	544	12.28	cps
Thallium	205-1	1200	1258	1192	1217	2.99	cps
Thorium	232-1	517	678	750	648	18.43	cps
Tin	118-1	2517	2584	2475	2525	2.16	cps
Titanium	47-1	600	325	450	458	30.04	cps
Uranium	238-1	1067	1050	1142	1086	4.50	cps
Vanadium	51-2	80	110	77	89	20.65	cps
Yttrium	89-1	19581565	20290878	20397460	20089968	2.21	cps
Yttrium	89-2	2909506	2994960	3000846	2968437	1.72	cps
Zinc	66-2	3070	2817	3104	2997	5.23	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01LDLX25	Instrumnet Name :	P7
Client Sample ID :	FL-0565LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-09-04 14:00:07	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1817	1792	1934	1847	4.09	cps
Zirconium	91-1	383	292	375	350	14.48	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:03:41	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	326000	327746	328281	327343	0.36	cps
Antimony	121-1	1427805	1455965	1464968	1449579	1.34	cps
Arsenic	75-2	57876	58013	58091	57993	0.19	cps
Barium	135-1	1811697	1821313	1845379	1826130	0.95	cps
Barium	137-1	3153455	3182367	3178178	3171333	0.49	cps
Beryllium	9-1	314116	317470	310163	313917	1.17	cps
Bismuth	209-1	15332331	14972502	14980418	15095084	1.36	cps
Bismuth	209-2	7991398	8187948	8075746	8085031	1.22	cps
Boron	11-1	215689	220214	226332	220745	2.42	cps
Boron	10-1	45244	46314	47518	46358	2.45	cps
Cadmium	106-1	53042	53720	53126	53296	0.69	cps
Cadmium	108-1	30963	30771	31435	31057	1.10	cps
Cadmium	111-1	418138	423576	419744	420486	0.66	cps
Calcium	43-1	787647	789257	790043	788982	0.15	cps
Calcium	44-1	12977254	13019998	12877580	12958277	0.56	cps
Chromium	52-2	491095	493090	493784	492656	0.28	cps
Cobalt	59-2	804210	801562	798215	801329	0.37	cps
Copper	63-2	1123519	1110184	1136673	1123459	1.18	cps
Dysprosium	156-1	92	133	92	106	22.79	cps
Dysprosium	156-2	47	50	63	53	16.53	cps
Erbium	164-1	100	83	100	94	10.19	cps
Erbium	164-2	50	67	40	52	25.80	cps
Gadolinium	160-1	292	200	258	250	18.56	cps
Gadolinium	160-2	293	343	347	328	9.12	cps
Holmium	165-1	25768666	25080807	24987933	25279135	1.69	cps
Holmium	165-2	12140690	12277347	12124570	12180869	0.69	cps
Indium	115-1	20518685	19988844	19903886	20137139	1.65	cps
Indium	115-2	3787044	3821669	3751929	3786880	0.92	cps
Iron	56-2	23400734	23318260	23310502	23343165	0.21	cps
Iron	57-2	585700	577926	579132	580919	0.72	cps
Lead	207-1	1001574	998539	1002191	1000768	0.20	cps
Lead	208-1	4545173	4560249	4563819	4556414	0.22	cps
Lead	206-1	1154941	1155623	1164554	1158372	0.46	cps
Lithium	6-1	4744415	4619006	4583034	4648818	1.82	cps
Magnesium	24-2	4431204	4450994	4462939	4448379	0.36	cps
Manganese	55-2	715249	727098	726319	722889	0.92	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:03:41	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2301062	2318004	2298942	2306003	0.45	cps
Molybdenum	98-1	5916688	5917494	5935233	5923139	0.18	cps
Molybdenum	94-1	3026669	3062138	3055029	3047945	0.62	cps
Molybdenum	95-1	3658800	3706116	3704224	3689714	0.73	cps
Molybdenum	96-1	4071243	4094654	4114627	4093508	0.53	cps
Neodymium	150-1	187	207	153	182	14.79	cps
Neodymium	150-2	27	43	37	36	23.58	cps
Nickel	60-2	214323	214688	215198	214736	0.20	cps
Phosphorus	31-2	808	692	708	736	8.57	cps
Potassium	39-2	2110654	2150674	2134711	2132013	0.94	cps
Rhodium	103-1	18885433	18168970	18091830	18382077	2.38	cps
Rhodium	103-2	8650504	8738829	8579719	8656351	0.92	cps
Scandium	45-1	12961000	12454358	12304678	12573345	2.74	cps
Scandium	45-2	593281	604756	587661	595233	1.46	cps
Selenium	77-2	1433	1383	1413	1410	1.79	cps
Selenium	78-2	4882	4921	4829	4877	0.95	cps
Selenium	82-1	29851	30203	30638	30230	1.30	cps
Silicon	28-1	8047534	8101022	8050901	8066486	0.37	cps
Silver	109-1	1814246	1822463	1825157	1820622	0.31	cps
Silver	107-1	1892267	1909453	1903861	1901860	0.46	cps
Sodium	23-2	12265140	12349754	12253135	12289343	0.43	cps
Strontium	86-1	621043	629427	621374	623948	0.76	cps
Strontium	88-1	5374926	5447077	5442856	5421620	0.75	cps
Sulfur	34-1	538242	538933	534568	537248	0.44	cps
Terbium	159-1	26433181	25685409	25558489	25892360	1.83	cps
Terbium	159-2	12090896	12291587	11986754	12123079	1.28	cps
Thallium	203-1	1417116	1438499	1436824	1430813	0.83	cps
Thallium	205-1	3394043	3416125	3423273	3411147	0.45	cps
Thorium	232-1	2072	1917	1989	1993	3.91	cps
Tin	118-1	1209356	1224620	1229596	1221191	0.86	cps
Titanium	47-1	1043163	1031320	1035491	1036658	0.58	cps
Uranium	238-1	4639528	4654484	4669844	4654619	0.33	cps
Vanadium	51-2	392206	396362	392372	393646	0.60	cps
Yttrium	89-1	20925386	20261878	20305423	20497562	1.81	cps
Yttrium	89-2	2944783	2971917	2937356	2951352	0.62	cps
Zinc	66-2	174880	175178	174826	174961	0.11	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:03:41	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2518744	2549705	2532157	2533536	0.61	cps
Zirconium	91-1	565011	570106	572920	569346	0.70	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:07:16	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	323516	324001	323251	323589	0.12	cps
Antimony	121-1	1440635	1437676	1438934	1439082	0.10	cps
Arsenic	75-2	57294	57165	56952	57137	0.30	cps
Barium	135-1	1819139	1815195	1822978	1819104	0.21	cps
Barium	137-1	3156892	3097594	3140251	3131579	0.98	cps
Beryllium	9-1	313728	313132	310167	312343	0.61	cps
Bismuth	209-1	15045654	15107369	15180731	15111251	0.45	cps
Bismuth	209-2	7904128	7577729	8267417	7916424	4.36	cps
Boron	11-1	224017	224611	227396	225341	0.80	cps
Boron	10-1	46949	46657	48161	47256	1.69	cps
Cadmium	106-1	52950	52633	52331	52638	0.59	cps
Cadmium	108-1	31160	30855	30032	30682	1.90	cps
Cadmium	111-1	416744	422088	419583	419472	0.64	cps
Calcium	43-1	780902	783375	781274	781851	0.17	cps
Calcium	44-1	12798786	12865963	12808389	12824379	0.28	cps
Chromium	52-2	489901	488468	487035	488468	0.29	cps
Cobalt	59-2	796070	788512	785697	790093	0.68	cps
Copper	63-2	1118859	1112447	1103978	1111761	0.67	cps
Dysprosium	156-1	75	83	100	86	14.78	cps
Dysprosium	156-2	53	43	40	46	15.23	cps
Erbium	164-1	183	75	150	136	40.77	cps
Erbium	164-2	60	70	40	57	26.96	cps
Gadolinium	160-1	233	225	133	197	28.13	cps
Gadolinium	160-2	290	290	377	319	15.69	cps
Holmium	165-1	25356506	25240898	25323103	25306836	0.24	cps
Holmium	165-2	11982803	11339012	12485421	11935745	4.81	cps
Indium	115-1	19972613	19924773	20012591	19969993	0.22	cps
Indium	115-2	3681134	3468440	3829760	3659778	4.96	cps
Iron	56-2	23069862	23208941	22861378	23046727	0.76	cps
Iron	57-2	574463	578126	573942	575511	0.40	cps
Lead	207-1	1004478	1003895	1003629	1004000	0.04	cps
Lead	208-1	4578580	4573979	4572989	4575183	0.07	cps
Lead	206-1	1155974	1166111	1159644	1160576	0.44	cps
Lithium	6-1	4612999	4629792	4635933	4626241	0.26	cps
Magnesium	24-2	4446237	4434903	4416444	4432528	0.34	cps
Manganese	55-2	716793	718097	713687	716192	0.32	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:07:16	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2268201	2282284	2273041	2274509	0.31	cps
Molybdenum	98-1	5846752	5871734	5861129	5859872	0.21	cps
Molybdenum	94-1	3008277	3012698	2979902	3000292	0.59	cps
Molybdenum	95-1	3637048	3662588	3673038	3657558	0.51	cps
Molybdenum	96-1	4036089	4050807	4080530	4055809	0.56	cps
Neodymium	150-1	127	180	113	140	25.20	cps
Neodymium	150-2	30	27	30	29	6.65	cps
Nickel	60-2	214055	212759	210170	212328	0.93	cps
Phosphorus	31-2	708	533	617	619	14.13	cps
Potassium	39-2	2090069	2112678	2074163	2092303	0.93	cps
Rhodium	103-1	18257234	18275247	18415641	18316041	0.47	cps
Rhodium	103-2	8441923	7970387	8818908	8410406	5.05	cps
Scandium	45-1	12454870	12458862	12447063	12453599	0.05	cps
Scandium	45-2	573589	548268	599997	573951	4.51	cps
Selenium	77-2	1280	1223	1440	1315	8.55	cps
Selenium	78-2	4792	4775	4729	4765	0.68	cps
Selenium	82-1	29948	30220	30628	30265	1.13	cps
Silicon	28-1	7890234	7913059	7878467	7893920	0.22	cps
Silver	109-1	1801516	1821171	1796550	1806412	0.72	cps
Silver	107-1	1904386	1896046	1881751	1894061	0.60	cps
Sodium	23-2	12267258	12226175	12232559	12241998	0.18	cps
Strontium	86-1	625111	622665	621577	623118	0.29	cps
Strontium	88-1	5375130	5367336	5383689	5375385	0.15	cps
Sulfur	34-1	511577	517127	510867	513190	0.67	cps
Terbium	159-1	25960820	26092578	25989585	26014328	0.27	cps
Terbium	159-2	11849569	11239581	12288131	11792427	4.47	cps
Thallium	203-1	1433820	1443499	1426347	1434556	0.60	cps
Thallium	205-1	3433914	3454806	3405897	3431539	0.72	cps
Thorium	232-1	1317	1450	1306	1358	5.92	cps
Tin	118-1	1221825	1208679	1210432	1213645	0.59	cps
Titanium	47-1	1022172	1021785	1022430	1022129	0.03	cps
Uranium	238-1	4651811	4663738	4677259	4664269	0.27	cps
Vanadium	51-2	389739	391315	388300	389785	0.39	cps
Yttrium	89-1	20170361	20289712	20438262	20299445	0.66	cps
Yttrium	89-2	2867725	2713697	2992644	2858022	4.89	cps
Zinc	66-2	172069	171355	170678	171368	0.41	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565MSDDL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:07:16	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2498851	2495813	2488864	2494509	0.21	cps
Zirconium	91-1	566676	566858	564540	566025	0.23	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:10:51	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	312356	309919	316409	312895	1.05	cps
Antimony	121-1	1395367	1395203	1390410	1393660	0.20	cps
Arsenic	75-2	55795	54700	55922	55472	1.21	cps
Barium	135-1	1772005	1768526	1764340	1768290	0.22	cps
Barium	137-1	3088223	3068102	3063617	3073314	0.43	cps
Beryllium	9-1	301737	299256	298251	299748	0.60	cps
Bismuth	209-1	14896787	14811997	14721452	14810079	0.59	cps
Bismuth	209-2	7991592	7923812	7932876	7949427	0.46	cps
Boron	11-1	214683	219450	214770	216301	1.26	cps
Boron	10-1	44675	46414	45419	45503	1.92	cps
Cadmium	106-1	52306	51352	51796	51818	0.92	cps
Cadmium	108-1	29794	29848	30349	29997	1.02	cps
Cadmium	111-1	405276	404397	408005	405893	0.46	cps
Calcium	43-1	757433	759142	762045	759540	0.31	cps
Calcium	44-1	12408341	12387182	12423794	12406439	0.15	cps
Chromium	52-2	471569	471979	477401	473650	0.69	cps
Cobalt	59-2	760965	766168	769524	765553	0.56	cps
Copper	63-2	1095328	1085129	1091614	1090690	0.47	cps
Dysprosium	156-1	58	100	142	100	41.66	cps
Dysprosium	156-2	50	67	57	58	14.52	cps
Erbium	164-1	125	75	125	108	26.65	cps
Erbium	164-2	63	77	57	66	15.54	cps
Gadolinium	160-1	233	192	208	211	9.93	cps
Gadolinium	160-2	280	353	387	340	16.05	cps
Holmium	165-1	24945179	24888924	24737592	24857232	0.43	cps
Holmium	165-2	12038969	11928908	11838869	11935582	0.84	cps
Indium	115-1	19693032	19605381	19415458	19571291	0.73	cps
Indium	115-2	3696950	3689233	3681061	3689081	0.22	cps
Iron	56-2	22359213	22337721	22517703	22404879	0.44	cps
Iron	57-2	554779	556253	564019	558350	0.89	cps
Lead	207-1	978940	973304	976169	976138	0.29	cps
Lead	208-1	4447506	4430404	4436508	4438139	0.20	cps
Lead	206-1	1120657	1129754	1127178	1125863	0.42	cps
Lithium	6-1	4536615	4490950	4484359	4503975	0.63	cps
Magnesium	24-2	4245353	4313883	4307760	4288999	0.88	cps
Manganese	55-2	691814	694536	696528	694293	0.34	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:10:51	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	2222149	2198378	2213925	2211484	0.55	cps
Molybdenum	98-1	5728406	5682262	5695306	5701991	0.42	cps
Molybdenum	94-1	2951304	2927732	2915220	2931419	0.63	cps
Molybdenum	95-1	3566460	3543710	3586578	3565583	0.60	cps
Molybdenum	96-1	3934388	3920514	3953943	3936282	0.43	cps
Neodymium	150-1	220	160	193	191	15.73	cps
Neodymium	150-2	40	40	30	37	15.75	cps
Nickel	60-2	202401	207283	209016	206233	1.66	cps
Phosphorus	31-2	650	783	617	683	12.91	cps
Potassium	39-2	2023207	2027100	2046823	2032377	0.62	cps
Rhodium	103-1	17958824	17886204	17776813	17873947	0.51	cps
Rhodium	103-2	8548366	8473025	8441141	8487510	0.65	cps
Scandium	45-1	12178322	12017986	12134552	12110287	0.68	cps
Scandium	45-2	576018	581126	581243	579462	0.51	cps
Selenium	77-2	1417	1440	1453	1437	1.29	cps
Selenium	78-2	4434	4714	4662	4603	3.23	cps
Selenium	82-1	29373	29219	28973	29188	0.69	cps
Silicon	28-1	7736457	7699910	7581659	7672676	1.05	cps
Silver	109-1	1751656	1750727	1751177	1751187	0.03	cps
Silver	107-1	1843603	1835880	1840320	1839934	0.21	cps
Sodium	23-2	11845272	11870024	11949831	11888376	0.46	cps
Strontium	86-1	599210	606209	613160	606193	1.15	cps
Strontium	88-1	5210747	5250368	5274812	5245309	0.62	cps
Sulfur	34-1	494480	491771	486570	490940	0.82	cps
Terbium	159-1	25476405	25253825	25209140	25313124	0.57	cps
Terbium	159-2	11826207	11848028	11789950	11821395	0.25	cps
Thallium	203-1	1392655	1409072	1383659	1395128	0.92	cps
Thallium	205-1	3289127	3345507	3326614	3320416	0.86	cps
Thorium	232-1	1239	1283	1083	1202	8.74	cps
Tin	118-1	1187393	1186051	1173749	1182398	0.64	cps
Titanium	47-1	1000074	985948	989653	991892	0.74	cps
Uranium	238-1	4542248	4480540	4541759	4521516	0.78	cps
Vanadium	51-2	374951	375838	380047	376945	0.72	cps
Yttrium	89-1	19953715	19860202	19880667	19898195	0.25	cps
Yttrium	89-2	2880724	2885026	2875872	2880541	0.16	cps
Zinc	66-2	169390	166382	166275	167349	1.06	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	J4494-01ADLX5	Instrumnet Name :	P7
Client Sample ID :	FL-0565ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-09-04 14:10:51	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2458773	2434607	2440765	2444715	0.51	cps
Zirconium	91-1	548462	547203	550017	548561	0.26	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 14:33:58	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7580439	7580138	7655154	7605244	0.57	cps
Antimony	121-1	6164618	6140037	6146916	6150524	0.21	cps
Arsenic	75-2	216779	217666	218804	217750	0.47	cps
Barium	135-1	7922202	7980183	7953690	7952025	0.37	cps
Barium	137-1	13730019	13895820	13794324	13806721	0.61	cps
Beryllium	9-1	1410752	1398085	1421933	1410256	0.85	cps
Bismuth	209-1	13182262	13081921	13133298	13132494	0.38	cps
Bismuth	209-2	7088149	7085820	7197947	7123972	0.90	cps
Boron	11-1	922317	934840	955003	937387	1.76	cps
Boron	10-1	194226	197120	205700	199015	3.00	cps
Cadmium	106-1	188277	188858	191763	189633	0.99	cps
Cadmium	108-1	122911	124037	125597	124181	1.09	cps
Cadmium	111-1	1629760	1635376	1656061	1640399	0.84	cps
Calcium	43-1	9617604	9644046	9692260	9651303	0.39	cps
Calcium	44-1	158196408	158922070	159077079	158731852	0.30	cps
Chromium	52-2	2185167	2190058	2201848	2192358	0.39	cps
Cobalt	59-2	3356855	3358361	3379442	3364886	0.38	cps
Copper	63-2	4514280	4524031	4550802	4529705	0.42	cps
Dysprosium	156-1	200	142	183	175	17.17	cps
Dysprosium	156-2	150	123	130	134	10.32	cps
Erbium	164-1	133	117	92	114	18.41	cps
Erbium	164-2	80	33	33	49	55.12	cps
Gadolinium	160-1	208	125	225	186	28.79	cps
Gadolinium	160-2	320	390	360	357	9.85	cps
Holmium	165-1	23127899	23254827	23274741	23219156	0.34	cps
Holmium	165-2	11529427	11537901	11649076	11572135	0.58	cps
Indium	115-1	17051369	17046222	17210869	17102820	0.55	cps
Indium	115-2	3334577	3364138	3387888	3362201	0.79	cps
Iron	56-2	432025665	434864732	436075599	434321999	0.48	cps
Iron	57-2	10681231	10755505	10771337	10736024	0.45	cps
Lead	207-1	4477413	4505352	4451560	4478109	0.60	cps
Lead	208-1	20170787	20274887	20152957	20199544	0.33	cps
Lead	206-1	5052061	5086428	5081324	5073271	0.37	cps
Lithium	6-1	4461206	4451123	4431370	4447900	0.34	cps
Magnesium	24-2	81296533	81724350	82600121	81873668	0.81	cps
Manganese	55-2	2441700	2448902	2461352	2450651	0.41	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 14:33:58	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	10053296	10106521	10165185	10108334	0.55	cps
Molybdenum	98-1	25832219	25978421	26035387	25948676	0.40	cps
Molybdenum	94-1	13259501	13336569	13383088	13326386	0.47	cps
Molybdenum	95-1	16079063	16206081	16239026	16174723	0.52	cps
Molybdenum	96-1	17844111	17942047	18106862	17964340	0.74	cps
Neodymium	150-1	693	640	653	662	4.19	cps
Neodymium	150-2	57	70	50	59	17.29	cps
Nickel	60-2	873300	881799	889532	881544	0.92	cps
Phosphorus	31-2	82788	82084	82369	82414	0.43	cps
Potassium	39-2	38834238	39048813	39396283	39093112	0.73	cps
Rhodium	103-1	15136855	15195574	15360121	15230850	0.76	cps
Rhodium	103-2	7356061	7290694	7423518	7356758	0.90	cps
Scandium	45-1	11013567	11039348	11143998	11065637	0.62	cps
Scandium	45-2	529087	531828	537943	532953	0.85	cps
Selenium	77-2	5348	5681	5771	5600	3.98	cps
Selenium	78-2	18582	19077	18890	18850	1.33	cps
Selenium	82-1	115156	117544	118051	116917	1.32	cps
Silicon	28-1	4870518	5032091	5051051	4984553	1.99	cps
Silver	109-1	7661406	7721130	7706695	7696410	0.40	cps
Silver	107-1	7968369	8017281	8053611	8013087	0.53	cps
Sodium	23-2	159483762	158929224	159317558	159243515	0.18	cps
Strontium	86-1	2044218	2057825	2085283	2062442	1.01	cps
Strontium	88-1	18282511	18375015	18366004	18341177	0.28	cps
Sulfur	34-1	1156422	1149248	1156848	1154173	0.37	cps
Terbium	159-1	23633645	23675590	23810950	23706728	0.39	cps
Terbium	159-2	11322254	11363893	11466069	11384072	0.65	cps
Thallium	203-1	6364473	6413245	6431319	6403012	0.54	cps
Thallium	205-1	15121348	15176750	15245134	15181077	0.41	cps
Thorium	232-1	22224658	22187560	22012003	22141407	0.51	cps
Tin	118-1	5320765	5306280	5301378	5309475	0.19	cps
Titanium	47-1	4512264	4539667	4585530	4545820	0.81	cps
Uranium	238-1	21155475	21341895	21056917	21184763	0.68	cps
Vanadium	51-2	1712767	1707501	1720305	1713524	0.38	cps
Yttrium	89-1	18074299	18053461	18075648	18067803	0.07	cps
Yttrium	89-2	2658767	2667455	2692929	2673050	0.66	cps
Zinc	66-2	639033	640146	645040	641406	0.50	cps

LB Number :	LB97710	Operator :	Jaswal
Lab Sample ID :	CCV77	Instrumnet Name :	P7
Client Sample ID :	CCV77	Dilution Factor :	1
Date & Time Acquired ::	2018-09-04 14:33:58	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11137441	11272693	11174811	11194982	0.62	cps
Zirconium	91-1	2421972	2440994	2459692	2440886	0.77	cps

LB Number : LB97710 Operator : Jaswal
 Lab Sample ID : CCB77 Instrumnet Name : P7
 Client Sample ID : CCB77 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-04 14:51:07 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	192	200	203	6.28	cps
Antimony	121-1	333	425	392	383	12.10	cps
Arsenic	75-2	15	9	6	10	47.14	cps
Barium	135-1	58	50	67	58	14.29	cps
Barium	137-1	92	92	83	89	5.41	cps
Beryllium	9-1	94	94	78	89	10.83	cps
Bismuth	209-1	14299984	14319059	14314988	14311344	0.07	cps
Bismuth	209-2	8016961	8171776	8112343	8100360	0.96	cps
Boron	11-1	8411	8553	8553	8506	0.96	cps
Boron	10-1	1825	1984	1575	1795	11.47	cps
Cadmium	106-1	7811	7728	7444	7661	2.51	cps
Cadmium	108-1	13	29	21	21	40.01	cps
Cadmium	111-1	5476	5401	5246	5374	2.18	cps
Calcium	43-1	225	258	208	231	11.04	cps
Calcium	44-1	13457	13390	13774	13540	1.51	cps
Chromium	52-2	790	687	710	729	7.43	cps
Cobalt	59-2	73	83	93	83	12.01	cps
Copper	63-2	1030	993	973	999	2.88	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	42	108	50	67	54.49	cps
Erbium	164-2	20	30	23	24	20.83	cps
Gadolinium	160-1	175	208	200	194	8.92	cps
Gadolinium	160-2	327	340	313	327	4.08	cps
Holmium	165-1	23465282	23263058	23213497	23313946	0.57	cps
Holmium	165-2	11860942	12039935	12053428	11984768	0.90	cps
Indium	115-1	18585387	18566241	18527206	18559611	0.16	cps
Indium	115-2	3693754	3760060	3748184	3734000	0.95	cps
Iron	56-2	7997	8036	8253	8095	1.70	cps
Iron	57-2	433	350	422	402	11.26	cps
Lead	207-1	506	550	422	493	13.17	cps
Lead	208-1	2233	2256	2217	2235	0.87	cps
Lead	206-1	572	522	617	570	8.28	cps
Lithium	6-1	4749122	4688657	4765208	4734329	0.85	cps
Magnesium	24-2	550	533	550	544	1.77	cps
Manganese	55-2	87	103	43	78	39.83	cps

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Lab Sample ID :	CCB77	Instrumnet Name :	P7
Client Sample ID :	CCB77	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	97-1	783	717	592	697	13.96	cps
Molybdenum	98-1	1625	1442	1483	1517	6.34	cps
Molybdenum	94-1	1125	983	967	1025	8.49	cps
Molybdenum	95-1	883	1058	833	925	12.77	cps
Molybdenum	96-1	1100	1158	1050	1103	4.92	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	67	40	63	57	25.64	cps
Phosphorus	31-2	450	650	667	589	20.48	cps
Potassium	39-2	35802	36872	36320	36331	1.47	cps
Rhodium	103-1	17253987	17147823	17271737	17224516	0.39	cps
Rhodium	103-2	8442924	8598994	8548374	8530098	0.93	cps
Scandium	45-1	11685957	11657962	11677919	11673946	0.12	cps
Scandium	45-2	565798	577046	583240	575361	1.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	70	94	80	81	14.91	cps
Selenium	82-1	43	18	80	47	67.30	cps
Silicon	28-1	379665	381402	379853	380307	0.25	cps
Silver	109-1	192	283	258	244	19.38	cps
Silver	107-1	350	333	325	336	3.79	cps
Sodium	23-2	24512	25272	25138	24974	1.62	cps
Strontium	86-1	992	1017	858	956	8.91	cps
Strontium	88-1	175	258	250	228	20.15	cps
Sulfur	34-1	524079	527846	528237	526721	0.44	cps
Terbium	159-1	24029003	23877120	24008746	23971623	0.34	cps
Terbium	159-2	11728243	11950781	11979726	11886250	1.16	cps
Thallium	203-1	683	600	600	628	7.66	cps
Thallium	205-1	1467	1667	1542	1559	6.48	cps
Thorium	232-1	717	606	644	656	8.60	cps
Tin	118-1	1592	1750	1792	1711	6.17	cps
Titanium	47-1	175	150	117	147	19.88	cps
Uranium	238-1	75	83	75	78	6.19	cps
Vanadium	51-2	7	23	3	11	96.43	cps
Yttrium	89-1	18905901	18906165	18900247	18904104	0.02	cps
Yttrium	89-2	2843366	2915675	2898654	2885898	1.31	cps
Zinc	66-2	1233	1203	1110	1182	5.44	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1817	1784	1759	1786	1.64	cps
Zirconium	91-1	450	383	383	406	9.49	cps