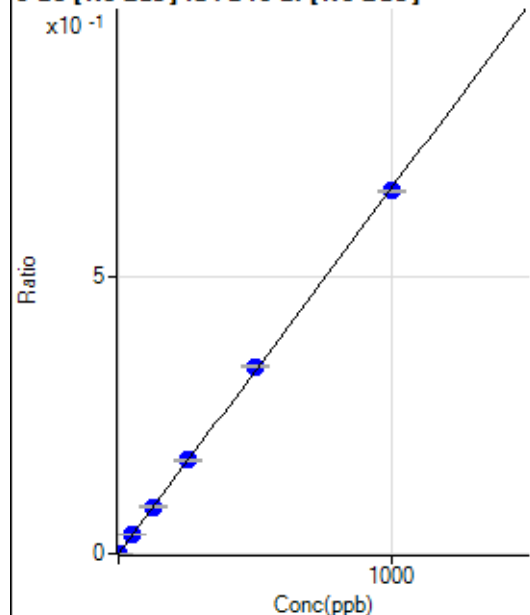


Calibration for 008CALS.d

Batch Folder: D:\ICP-MS Data\P7092919-MS.b\
 Analysis File: P7092919-MS.batch.bin
 DA Date-Time: 2019-09-30 01:02:08
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2019-09-29 14:53:02
2	003CALS.d	S02	2019-09-29 14:56:38
3	004CALS.d	S03	2019-09-29 15:01:13
4	005CALS.d	S04	2019-09-29 15:05:11
5	006CALS.d	S05	2019-09-29 15:09:02
6	007CALS.d	S06	2019-09-29 15:12:52
7	008CALS.d	S07	2019-09-29 15:16:39
8	009CALS.d	S08	2019-09-29 15:20:25

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.89	0.0000	P	2.7
2	☐	1.000	1.010	2051.28	0.0007	P	3.6
3	☐	50.000	51.900	99202.02	0.0344	P	0.5
4	☐	125.000	128.643	239281.29	0.0852	P	0.5
5	☐	250.000	255.218	454164.86	0.1690	P	1.0
6	☐	500.000	510.695	888018.66	0.3381	P	1.1
7	☐	1000.000	992.797	1655599.52	0.6573	P	0.6
8	☐			265.56	0.0001	P	14.5

$$y = 6.6207\text{E-}004 * x + 2.7070\text{E-}005$$

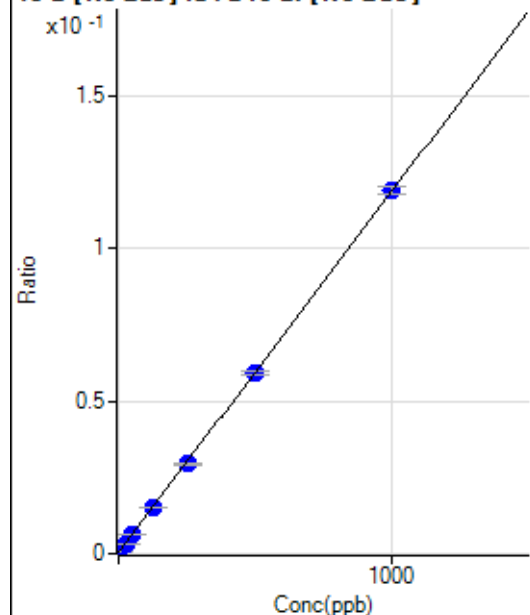
$$R = 0.9999$$

$$DL = 0.003315$$

$$BEC = 0.04089$$

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	1066.76	0.0004	P	18.0
2	☐	25.000	23.546	9275.42	0.0031	P	3.2
3	☐	50.000	50.038	18097.60	0.0063	P	3.4
4	☐	125.000	123.852	42090.01	0.0150	P	1.8
5	☐	250.000	245.445	78841.73	0.0293	P	0.9
6	☐	500.000	498.150	155385.73	0.0592	P	2.7
7	☐	1000.000	1002.242	298878.63	0.1187	P	2.1
8	☐			15814.41	0.0066	P	6.7

$$y = 1.1804\text{E-}004 * x + 3.6618\text{E-}004$$

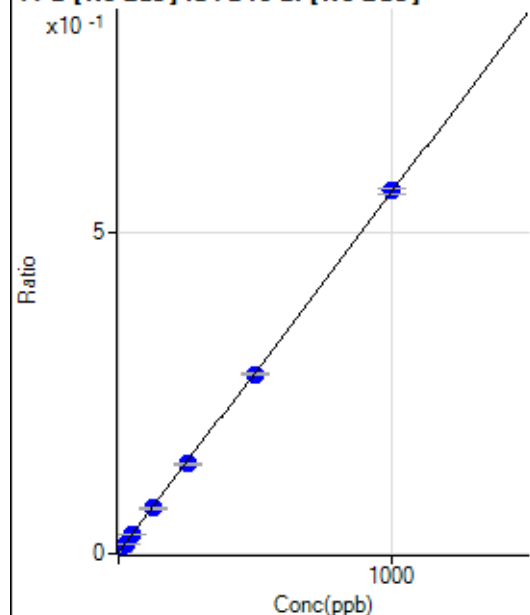
$$R = 1.0000$$

$$DL = 1.678$$

$$BEC = 3.102$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4712.05	0.0016	P	4.4
2	☐	25.000	23.429	43429.96	0.0147	P	1.7
3	☐	50.000	49.395	84408.01	0.0293	P	0.5
4	☐	125.000	122.496	197070.38	0.0702	P	1.6
5	☐	250.000	246.186	374593.30	0.1394	P	1.3
6	☐	500.000	495.662	732729.47	0.2790	P	1.8
7	☐	1000.000	1003.505	1418518.67	0.5632	P	1.6
8	☐			74445.20	0.0310	P	6.7

$$y = 5.5963\text{E-}004 * x + 0.0016$$

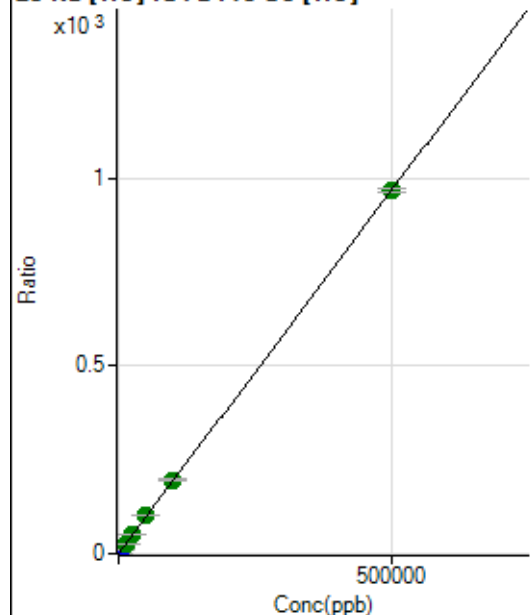
$$R = 1.0000$$

$$DL = 0.3793$$

$$BEC = 2.889$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9948.13	0.0523	P	1.5
2	☐	500.000	507.298	199635.00	1.0332	P	0.7
3	☐	5000.000	5114.559	1833401.41	9.9413	P	0.6
4	☐	12500.000	12852.273	4455218.33	24.9021	A	0.7
5	☐	25000.000	25531.836	8666650.80	49.4180	A	0.7
6	☐	50000.000	51739.926	17143858.37	100.0912	A	0.2
7	☐	100000.00	101574.44	32493962.53	196.4461	A	0.9
8	☐	500000.00	499474.56	165133899.5	965.7843	A	0.9

$$y = 0.0019 * x + 0.0523$$

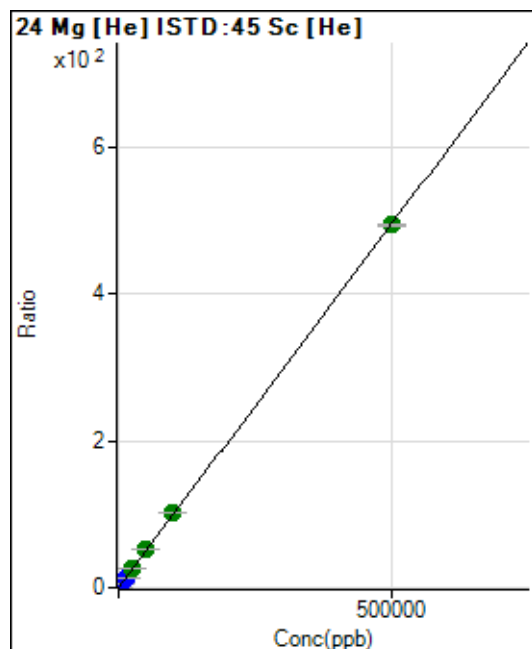
$$R = 1.0000$$

$$DL = 1.199$$

$$BEC = 27.05$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	216.68	0.0011	P	3.9
2	☐	500.000	538.761	103337.90	0.5348	P	0.6
3	☐	5000.000	5277.833	964350.58	5.2290	P	0.5
4	☐	12500.000	13186.175	2337014.98	13.0625	P	0.2
5	☐	25000.000	26244.347	4559286.60	25.9971	A	0.6
6	☐	50000.000	52671.353	8936454.89	52.1739	A	0.2
7	☐	100000.00	103763.34	17001224.69	102.7822	A	0.8
8	☐	500000.00	498898.00	84494942.86	494.1765	A	0.8

$$y = 9.9053\text{E-}004 * x + 0.0011$$

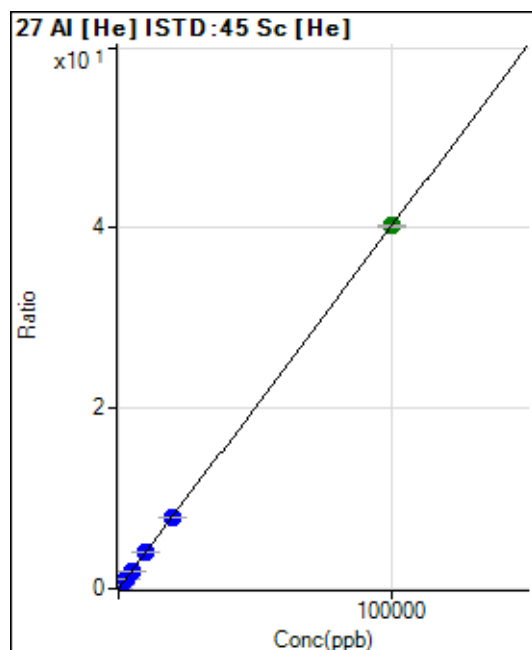
$$R = 1.0000$$

$$DL = 0.1352$$

$$BEC = 1.15$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.11	0.0005	P	45.5
2	☐	20.000	21.154	1730.73	0.0090	P	6.1
3	☐	1000.000	1015.409	75365.10	0.4087	P	1.6
4	☐	2500.000	2546.574	183236.16	1.0242	P	1.3
5	☐	5000.000	4959.023	349709.87	1.9940	P	0.8
6	☐	10000.000	10063.781	693046.79	4.0462	P	0.5
7	☐	20000.000	19750.328	1313369.97	7.9402	P	1.2
8	☐	100000.00	100044.28	6876846.51	40.2190	A	0.7

$$y = 4.0201\text{E-}004 * x + 4.5215\text{E-}004$$

$$R = 1.0000$$

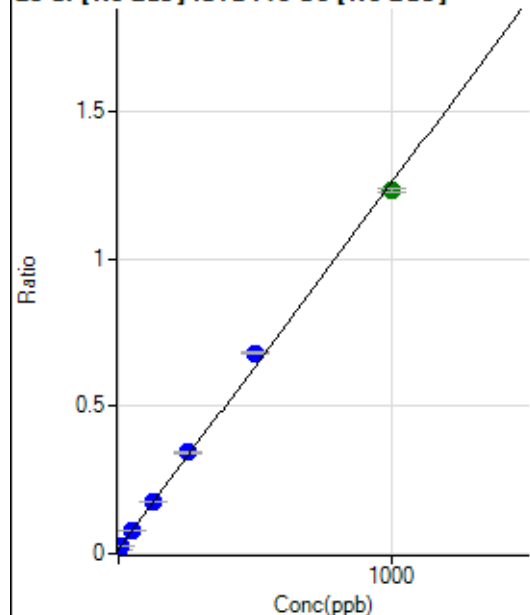
$$DL = 1.534$$

$$BEC = 1.125$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	82667.03	0.0157	P	1.0
2	☐	10.000	7.450	130478.85	0.0250	P	0.3
3	☐	50.000	49.336	390470.94	0.0769	P	1.2
4	☐	125.000	127.815	853463.27	0.1743	P	1.8
5	☐	250.000	263.158	1614418.66	0.3422	P	0.8
6	☐	500.000	535.867	3175409.40	0.6806	P	1.2
7	☐	1000.000	978.484	5566286.63	1.2298	A	0.9
8	☐			329800.75	0.0750	P	1.1

$$y = 0.0012 * x + 0.0157$$

$$R = 0.9989$$

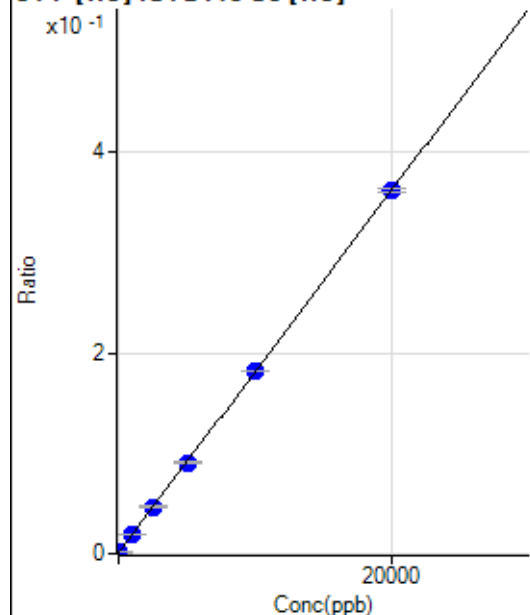
$$DL = 0.3747$$

$$BEC = 12.68$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-29.693	52.78	0.0003	P	23.9
2	☐	0.000	29.693	261.12	0.0014	P	22.4
3	☐	1000.000	1035.013	3600.60	0.0195	P	4.1
4	☐	2500.000	2537.516	8352.64	0.0467	P	4.1
5	☐	5000.000	4974.540	15914.63	0.0907	P	1.8
6	☐	10000.000	10053.597	31266.95	0.1826	P	0.7
7	☐	20000.000	19973.127	59859.60	0.3619	P	1.1
8	☐			61.11	0.0004	P	57.8

$$y = 1.8077E-005 * x + 8.1411E-004$$

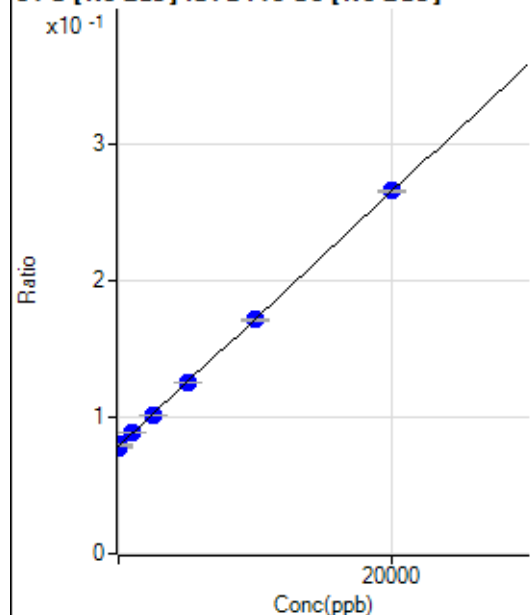
$$R = 1.0000$$

$$DL = 30.58$$

$$BEC = 45.04$$

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	-94.499	410245.80	0.0781	P	0.4
2	☐	0.000	94.499	417055.37	0.0798	P	1.0
3	☐	1000.000	1073.282	451523.21	0.0890	P	1.3
4	☐	2500.000	2467.612	499438.59	0.1020	P	0.3
5	☐	5000.000	4984.171	592180.44	0.1255	P	0.1
6	☐	10000.000	9933.647	801571.01	0.1718	P	0.5
7	☐	20000.000	20037.518	1205177.39	0.2663	P	0.7
8	☐			370240.95	0.0842	P	1.0

$$y = 9.3486\text{E-}006 * x + 0.0789$$

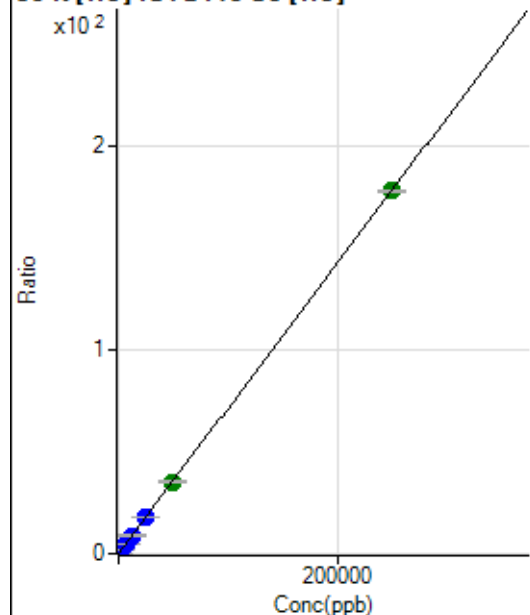
R = 1.0000

DL = 180

BEC = 8444

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	8691.76	0.0457	P	2.5
2	☐	500.000	503.865	78130.69	0.4043	P	1.2
3	☐	2500.000	2526.825	340126.76	1.8443	P	0.6
4	☐	6250.000	6322.248	813297.18	4.5458	P	0.3
5	☐	12500.000	12495.505	1567826.70	8.9399	P	0.8
6	☐	25000.000	25438.595	3109199.92	18.1528	P	0.6
7	☐	50000.000	49528.555	5838923.05	35.2999	A	0.9
8	☐	250000.00	250048.57	30441407.28	178.0289	A	0.8

$$y = 7.1179\text{E-}004 * x + 0.0457$$

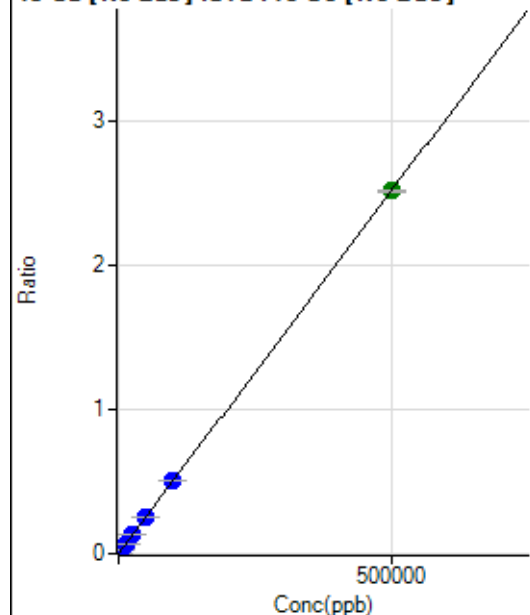
R = 1.0000

DL = 4.776

BEC = 64.2

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	41.7
2	☐	500.000	483.101	12811.63	0.0025	P	2.7
3	☐	5000.000	5088.038	130112.65	0.0256	P	0.5
4	☐	12500.000	12772.484	314951.45	0.0643	P	0.2
5	☐	25000.000	25337.378	601871.95	0.1276	P	0.9
6	☐	50000.000	50953.473	1196996.89	0.2566	P	1.0
7	☐	100000.00	100164.67	2282749.66	0.5043	P	0.9
8	☐	500000.00	499847.17	11067014.65	2.5167	A	0.3

$$y = 5.0349E-006 * x + 1.9560E-005$$

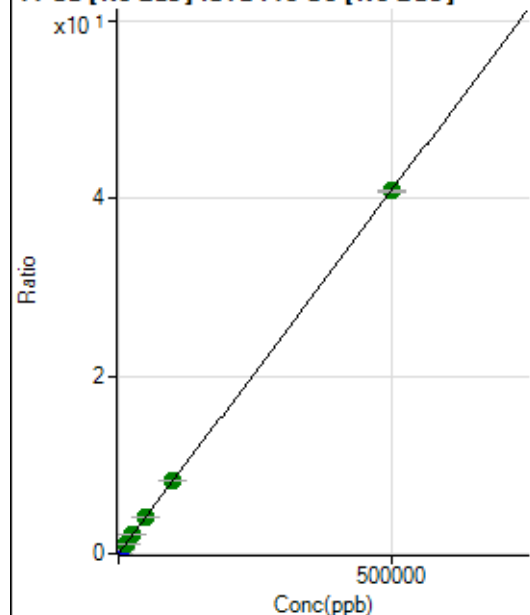
$$R = 1.0000$$

$$DL = 4.864$$

$$BEC = 3.885$$

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	5273.40	0.0010	P	0.7
2	☐	500.000	492.534	215353.66	0.0412	P	0.6
3	☐	5000.000	5076.233	2108495.38	0.4155	P	0.3
4	☐	12500.000	12780.185	5113734.40	1.0445	A	0.6
5	☐	25000.000	25531.418	9838035.12	2.0855	A	0.3
6	☐	50000.000	51151.140	19489477.35	4.1773	A	0.5
7	☐	100000.00	100915.07	37298071.67	8.2403	A	0.6
8	☐	500000.00	499667.54	179406416.5	40.7970	A	0.3

$$y = 8.1646E-005 * x + 0.0010$$

$$R = 1.0000$$

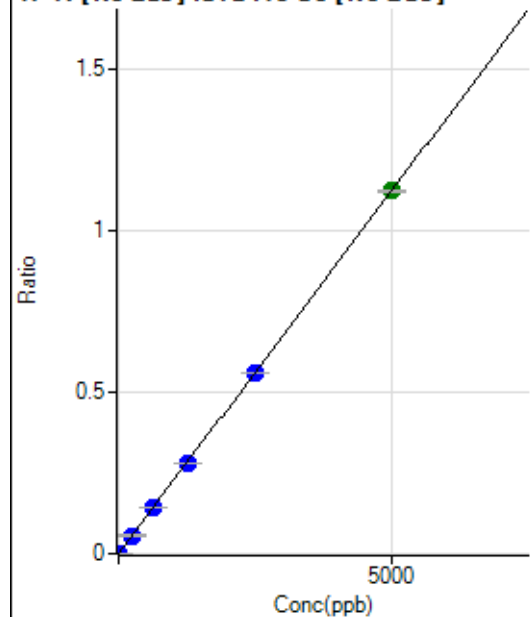
$$DL = 0.2718$$

$$BEC = 12.29$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	46.0
2	☐	5.000	5.287	6268.26	0.0012	P	3.8
3	☐	250.000	250.800	285955.84	0.0563	P	1.1
4	☐	625.000	628.469	691234.63	0.1412	P	0.5
5	☐	1250.000	1250.256	1324838.52	0.2809	P	0.6
6	☐	2500.000	2497.230	2617191.12	0.5610	P	0.3
7	☐	5000.000	5000.847	5084524.37	1.1233	A	0.4
8	☐			1344.56	0.0003	P	10.3

$$y = 2.2463\text{E-}004 * x + 1.2167\text{E-}005$$

$$R = 1.0000$$

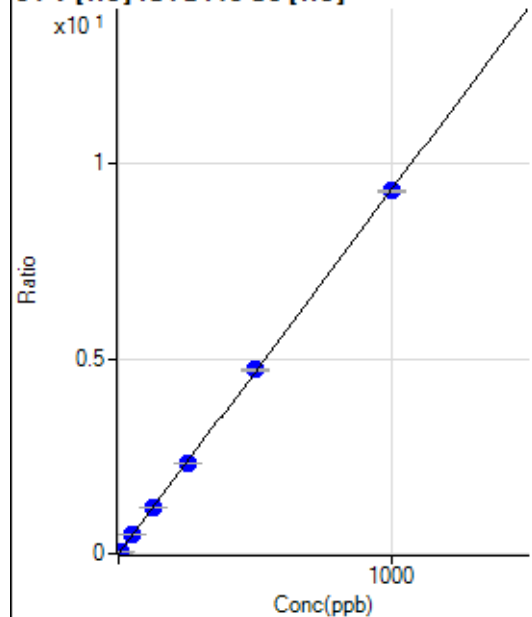
$$DL = 0.07472$$

$$BEC = 0.05417$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.78	0.0000	P	65.3
2	☐	5.000	5.287	9551.01	0.0494	P	1.1
3	☐	50.000	50.471	86958.61	0.4715	P	0.8
4	☐	125.000	126.695	211753.10	1.1836	P	0.7
5	☐	250.000	250.259	410005.63	2.3378	P	0.2
6	☐	500.000	504.871	807812.40	4.7163	P	0.4
7	☐	1000.000	997.263	1540955.41	9.3160	P	0.7
8	☐			458.90	0.0027	P	9.8

$$y = 0.0093 * x + 4.0882\text{E-}005$$

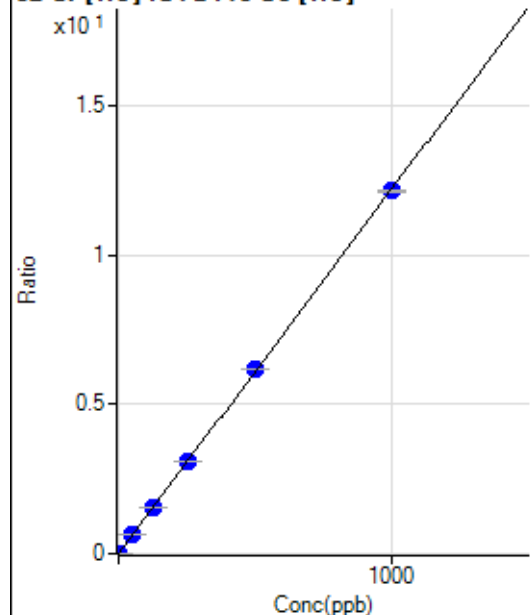
$$R = 1.0000$$

$$DL = 0.008574$$

$$BEC = 0.004376$$

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	407.79	0.0021	P	10.4
2	☐	2.000	2.040	5216.56	0.0270	P	1.8
3	☐	50.000	51.530	116178.80	0.6300	P	0.3
4	☐	125.000	128.436	280341.32	1.5669	P	0.6
5	☐	250.000	252.763	540465.71	3.0817	P	0.1
6	☐	500.000	505.833	1055955.65	6.1650	P	0.2
7	☐	1000.000	995.886	2007334.55	12.1356	P	0.8
8	☐			66826.21	0.3908	P	0.3

$$y = 0.0122 * x + 0.0021$$

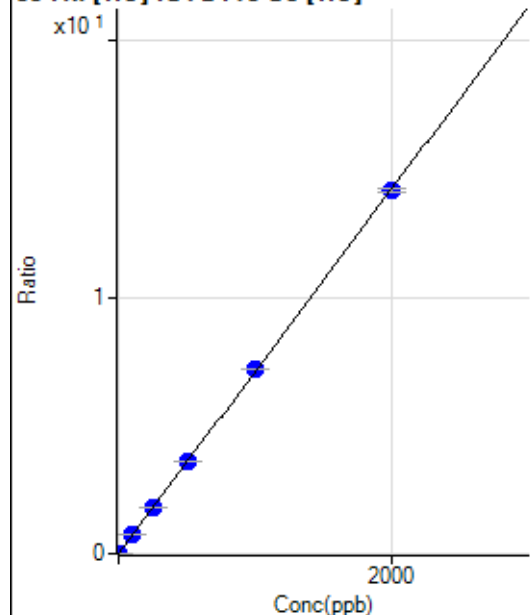
$$R = 1.0000$$

$$DL = 0.05478$$

$$BEC = 0.176$$

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	40.00	0.0002	P	42.1
2	☐	1.000	1.062	1497.88	0.0078	P	1.9
3	☐	100.000	102.720	134602.49	0.7299	P	0.8
4	☐	250.000	255.803	325122.55	1.8172	P	0.2
5	☐	500.000	506.003	630390.94	3.5945	P	0.3
6	☐	1000.000	1013.585	1233226.71	7.1999	P	0.1
7	☐	2000.000	1990.845	2339144.90	14.1416	P	1.0
8	☐			8341.37	0.0488	P	2.3

$$y = 0.0071 * x + 2.1054E-004$$

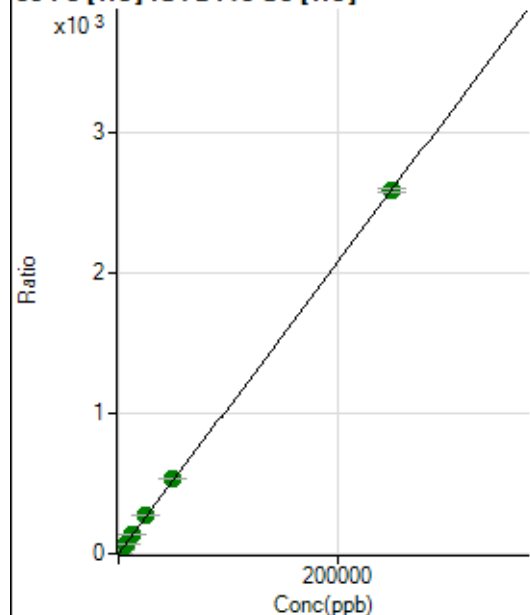
$$R = 1.0000$$

$$DL = 0.03741$$

$$BEC = 0.02964$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1601.99	0.0084	P	5.2
2	☐	50.000	56.698	114848.88	0.5944	P	0.6
3	☐	2500.000	2647.587	5047717.30	27.3703	A	0.3
4	☐	6250.000	6634.745	12268977.47	68.5761	A	0.3
5	☐	12500.000	13134.371	23807224.84	135.7474	A	0.2
6	☐	25000.000	26114.391	46227109.83	269.8912	A	0.4
7	☐	50000.000	51429.104	87916109.37	531.5097	A	1.0
8	☐	250000.00	249559.92	440979165.4	2,579.120	A	1.0

$$y = 0.0103 * x + 0.0084$$

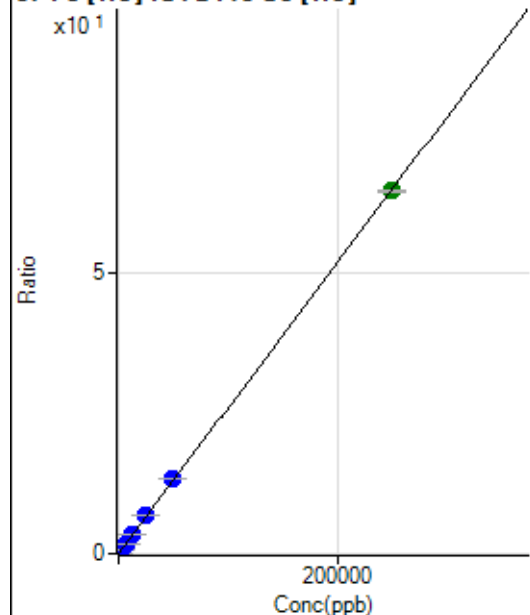
$$R = 1.0000$$

$$DL = 0.1282$$

$$BEC = 0.8149$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0003	P	45.5
2	☐	50.000	55.467	2822.57	0.0146	P	3.9
3	☐	2500.000	2667.154	126996.56	0.6886	P	0.2
4	☐	6250.000	6632.813	306305.27	1.7120	P	0.8
5	☐	12500.000	13154.055	595393.90	3.3950	P	0.9
6	☐	25000.000	26206.478	1158454.45	6.7635	P	0.5
7	☐	50000.000	51432.166	2195515.17	13.2736	P	1.5
8	☐	250000.00	249548.97	11012374.55	64.4024	A	0.6

$$y = 2.5807E-004 * x + 2.9177E-004$$

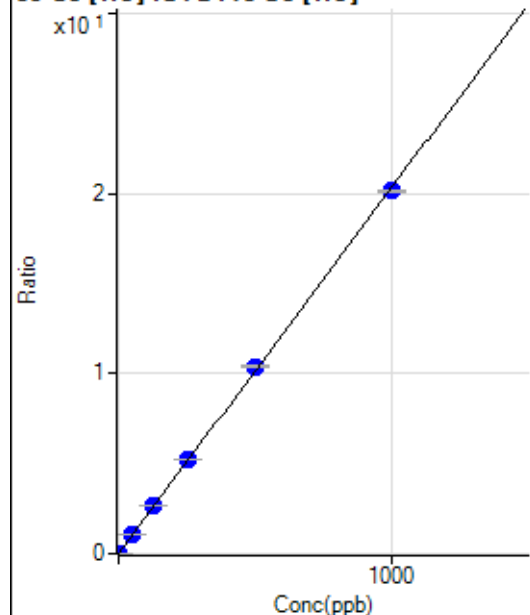
$$R = 1.0000$$

$$DL = 1.544$$

$$BEC = 1.131$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	57.78	0.0003	P	20.2
2	☐	1.000	1.045	4163.99	0.0215	P	1.6
3	☐	50.000	52.990	198766.24	1.0778	P	0.3
4	☐	125.000	131.088	476934.85	2.6658	P	0.5
5	☐	250.000	257.331	917697.40	5.2328	P	0.5
6	☐	500.000	511.115	1780123.64	10.3931	P	0.6
7	☐	1000.000	991.699	3335502.00	20.1651	P	0.7
8	☐			41681.46	0.2438	P	1.0

$$y = 0.0203 * x + 3.0379E-004$$

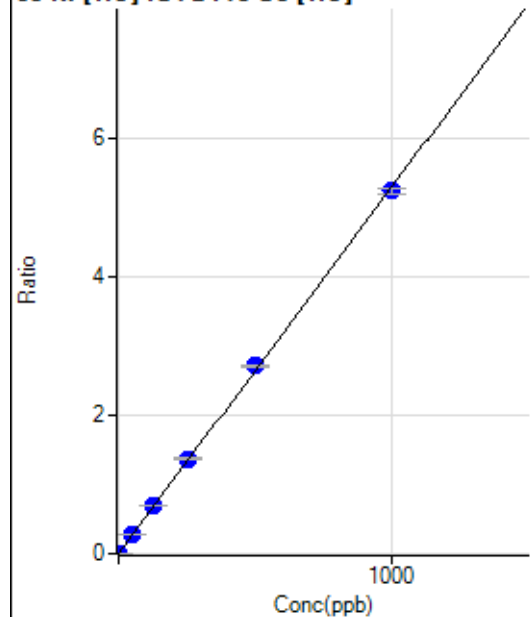
R = 0.9999

DL = 0.009069

BEC = 0.01494

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	131.11	0.0007	P	16.7
2	☐	1.000	1.104	1264.52	0.0065	P	4.1
3	☐	50.000	53.912	52840.50	0.2865	P	0.8
4	☐	125.000	132.998	126275.55	0.7058	P	0.7
5	☐	250.000	259.182	241098.39	1.3748	P	1.2
6	☐	500.000	511.925	464989.80	2.7148	P	0.1
7	☐	1000.000	990.547	868761.26	5.2523	P	1.4
8	☐			26228.09	0.1534	P	0.1

$$y = 0.0053 * x + 6.8916E-004$$

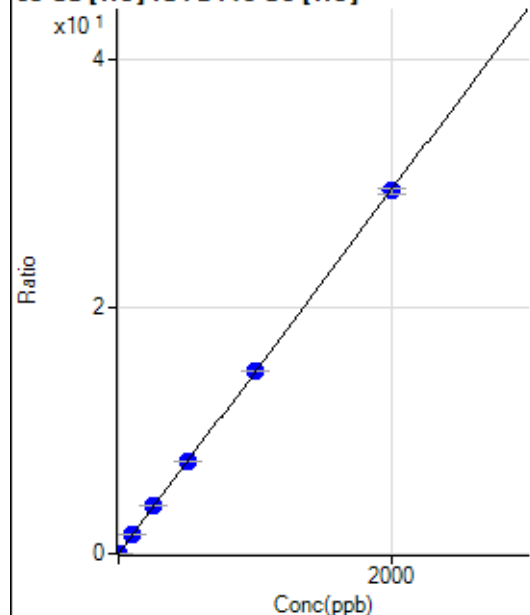
R = 0.9998

DL = 0.06499

BEC = 0.13

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	626.69	0.0033	P	2.6
2	☐	2.000	2.136	6721.64	0.0348	P	3.0
3	☐	100.000	105.212	286672.38	1.5544	P	0.9
4	☐	250.000	261.142	689389.68	3.8533	P	0.5
5	☐	500.000	509.187	1317062.07	7.5102	P	1.1
6	☐	1000.000	1003.979	2535815.48	14.8048	P	0.2
7	☐	2000.000	1994.060	4863148.16	29.4015	P	1.5
8	☐			8967.29	0.0525	P	2.0

$$y = 0.0147 * x + 0.0033$$

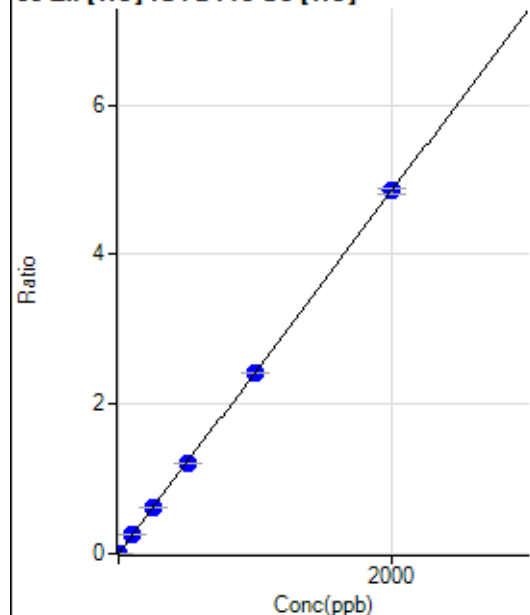
$$R = 1.0000$$

$$DL = 0.01742$$

$$BEC = 0.2235$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	312.23	0.0016	P	13.5
2	☐	2.000	1.998	1252.30	0.0065	P	2.4
3	☐	100.000	102.810	46226.35	0.2507	P	2.1
4	☐	250.000	256.043	111244.16	0.6218	P	0.9
5	☐	500.000	500.631	212940.99	1.2142	P	0.6
6	☐	1000.000	995.762	413380.38	2.4134	P	0.3
7	☐	2000.000	2001.065	801942.94	4.8483	P	1.4
8	☐			9011.80	0.0527	P	3.6

$$y = 0.0024 * x + 0.0016$$

$$R = 1.0000$$

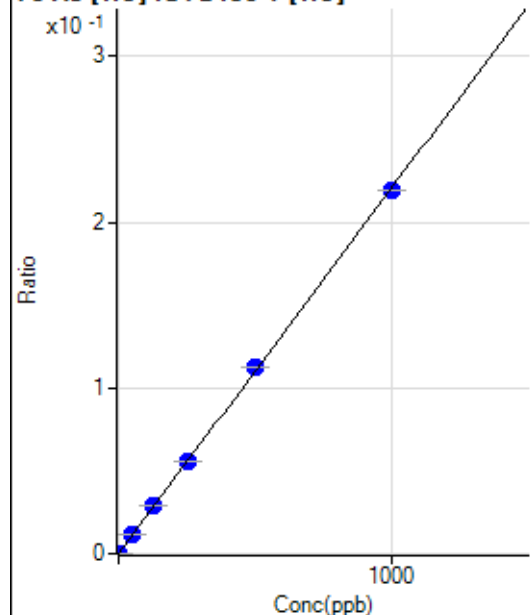
$$DL = 0.2752$$

$$BEC = 0.6775$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.17	0.0000	P	34.7
2	☐	1.000	1.050	241.98	0.0002	P	8.0
3	☐	50.000	52.098	11119.13	0.0115	P	0.5
4	☐	125.000	129.639	26947.20	0.0286	P	0.3
5	☐	250.000	254.852	51936.06	0.0562	P	0.1
6	☐	500.000	510.463	101735.80	0.1125	P	0.5
7	☐	1000.000	992.870	191996.25	0.2188	P	0.1
8	☐			271.61	0.0003	P	10.7

$$y = 2.2040\text{E-}004 * x + 6.1187\text{E-}006$$

$$R = 0.9999$$

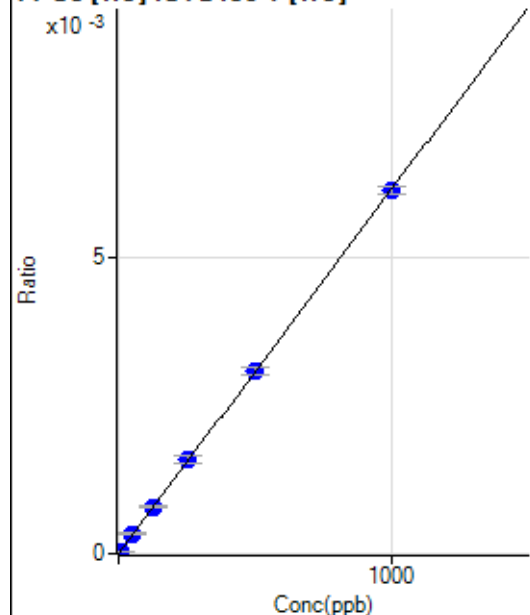
$$DL = 0.02893$$

$$BEC = 0.02776$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.093	25.55	0.0000	P	42.3
3	☐	50.000	55.407	328.90	0.0003	P	1.3
4	☐	125.000	128.559	743.37	0.0008	P	4.3
5	☐	250.000	258.685	1466.76	0.0016	P	6.3
6	☐	500.000	502.386	2785.87	0.0031	P	4.0
7	☐	1000.000	995.925	5358.85	0.0061	P	2.2
8	☐			2.22	0.0000	P	86.6

$$y = 6.1326\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

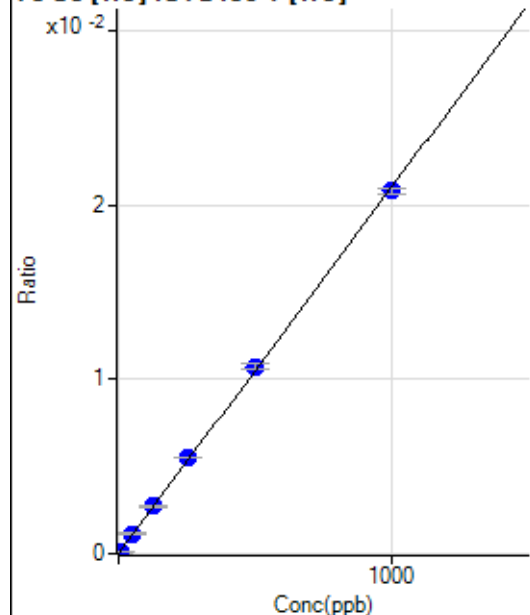
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.34	0.0000	P	7.9
2	☐	5.000	6.029	141.36	0.0001	P	4.0
3	☐	50.000	54.365	1115.49	0.0012	P	2.2
4	☐	125.000	128.347	2550.25	0.0027	P	2.7
5	☐	250.000	261.957	5091.67	0.0055	P	0.9
6	☐	500.000	511.608	9715.06	0.0107	P	2.7
7	☐	1000.000	990.565	18240.56	0.0208	P	1.8
8	☐			27.16	0.0000	P	30.4

$$y = 2.0977\text{E-}005 * x + 1.2228\text{E-}005$$

$$R = 0.9998$$

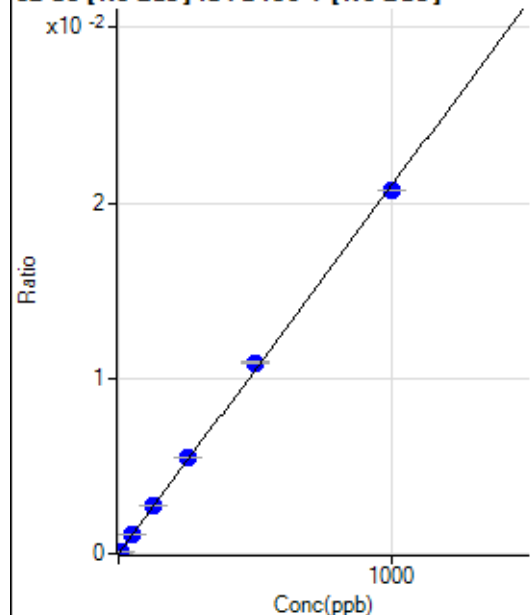
$$DL = 0.1386$$

$$BEC = 0.5829$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.93	0.0000	P	20.0
2	☐	5.000	5.023	1006.94	0.0001	P	5.8
3	☐	50.000	52.844	9955.78	0.0011	P	0.9
4	☐	125.000	131.140	23998.51	0.0028	P	1.1
5	☐	250.000	261.864	46649.78	0.0055	P	0.9
6	☐	500.000	519.745	90757.07	0.0109	P	0.4
7	☐	1000.000	986.251	169085.37	0.0207	P	0.1
8	☐			34.97	0.0000	P	310.

$$y = 2.0976\text{E-}005 * x + 4.3201\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.1233$$

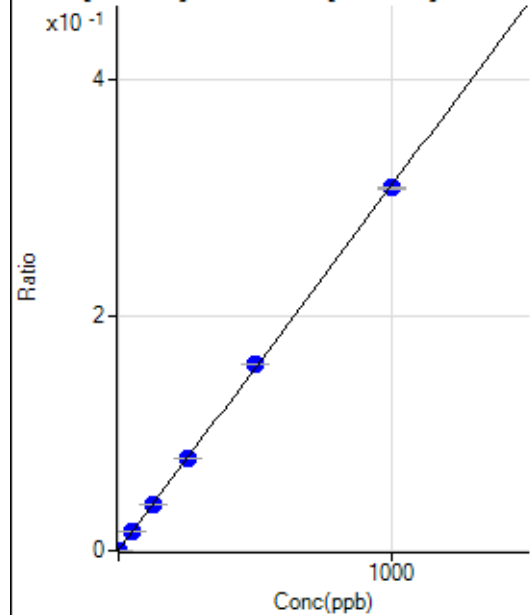
$$BEC = 0.2059$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1783.48		P	3.6
2	☐			1905.72		P	1.6
3	☐			1804.59		P	6.5
4	☐			1723.46		P	6.5
5	☐			1747.91		P	2.9
6	☐			1711.24		P	2.4
7	☐			1629.00		P	2.7
8	☐			1589.00		P	4.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3050.46	0.0003	P	8.3
2	☐	1.000	1.046	5934.78	0.0006	P	2.5
3	☐	50.000	51.111	144731.11	0.0162	P	1.3
4	☐	125.000	127.004	345973.64	0.0397	P	0.6
5	☐	250.000	252.852	668322.02	0.0788	P	0.9
6	☐	500.000	510.968	1321657.71	0.1588	P	0.4
7	☐	1000.000	993.497	2520945.96	0.3085	P	0.5
8	☐			12533.77	0.0016	P	3.5

$$y = 3.1021\text{E-}004 * x + 3.2201\text{E-}004$$

$$R = 0.9999$$

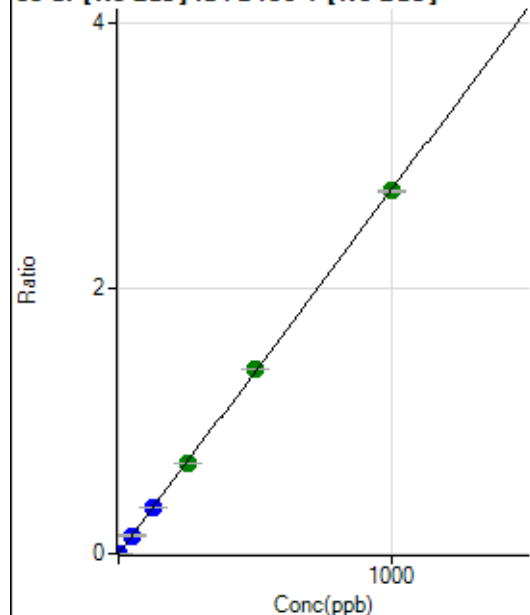
$$DL = 0.2585$$

$$BEC = 1.038$$

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	566.70	0.0001	P	7.8
2	☐	1.000	0.998	25643.25	0.0028	P	1.6
3	☐	50.000	50.142	1229742.07	0.1375	P	0.3
4	☐	125.000	125.783	3002777.54	0.3447	P	0.6
5	☐	250.000	249.156	5794149.65	0.6828	A	0.4
6	☐	500.000	506.650	11553399.82	1.3884	A	0.1
7	☐	1000.000	996.781	22319945.99	2.7315	A	0.4
8	☐			89299.27	0.0113	P	0.4

$$y = 0.0027 * x + 5.9819E-005$$

$$R = 1.0000$$

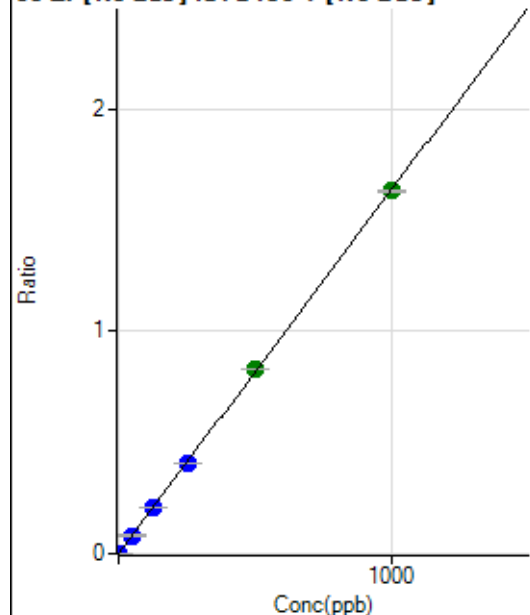
$$DL = 0.005124$$

$$BEC = 0.02183$$

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	825.06	0.0001	P	5.8
2	☐	1.000	0.874	13921.21	0.0015	P	1.5
3	☐	50.000	50.083	733459.65	0.0820	P	1.2
4	☐	125.000	125.977	1795212.26	0.2061	P	0.5
5	☐	250.000	249.696	3465783.41	0.4084	P	0.2
6	☐	500.000	506.376	6891530.19	0.8282	A	0.1
7	☐	1000.000	996.762	13320136.93	1.6301	A	0.5
8	☐			3850.68	0.0005	P	5.5

$$y = 0.0016 * x + 8.7078E-005$$

$$R = 1.0000$$

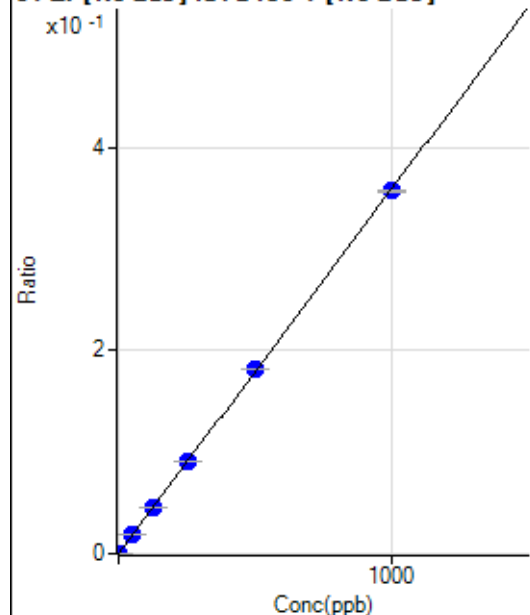
$$DL = 0.009199$$

$$BEC = 0.05325$$

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	155.56	0.0000	P	8.5
2	☐	1.000	0.923	3192.16	0.0003	P	3.4
3	☐	50.000	50.968	163843.58	0.0183	P	1.0
4	☐	125.000	127.927	400193.78	0.0459	P	0.4
5	☐	250.000	253.048	771064.18	0.0909	P	0.6
6	☐	500.000	506.474	1513219.42	0.1819	P	0.3
7	☐	1000.000	995.586	2920782.94	0.3575	P	0.8
8	☐			766.72	0.0001	P	15.1

$$y = 3.5902\text{E-}004 * x + 1.6423\text{E-}005$$

$$R = 1.0000$$

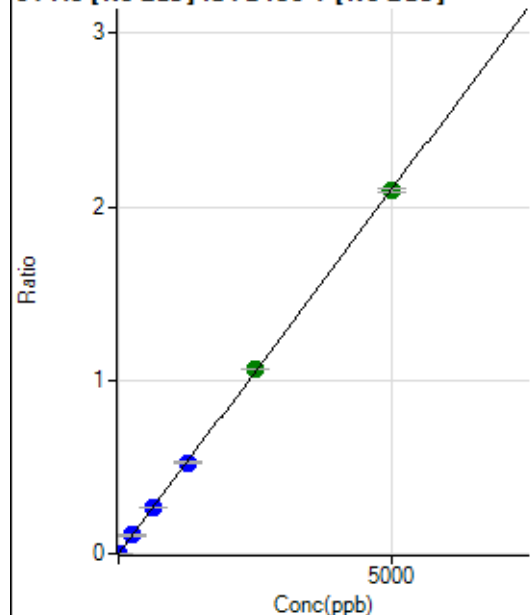
$$DL = 0.01164$$

$$BEC = 0.04574$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	283.35	0.0000	P	2.9
2	☐	5.000	4.849	18963.24	0.0021	P	1.5
3	☐	250.000	251.733	945650.52	0.1057	P	1.0
4	☐	625.000	628.444	2298238.96	0.2639	P	0.6
5	☐	1250.000	1251.600	4458867.11	0.5255	P	0.6
6	☐	2500.000	2532.758	8847881.62	1.0633	A	0.3
7	☐	5000.000	4982.704	17092060.63	2.0918	A	0.9
8	☐			12600.56	0.0016	P	2.8

$$y = 4.1980\text{E-}004 * x + 2.9908\text{E-}005$$

$$R = 1.0000$$

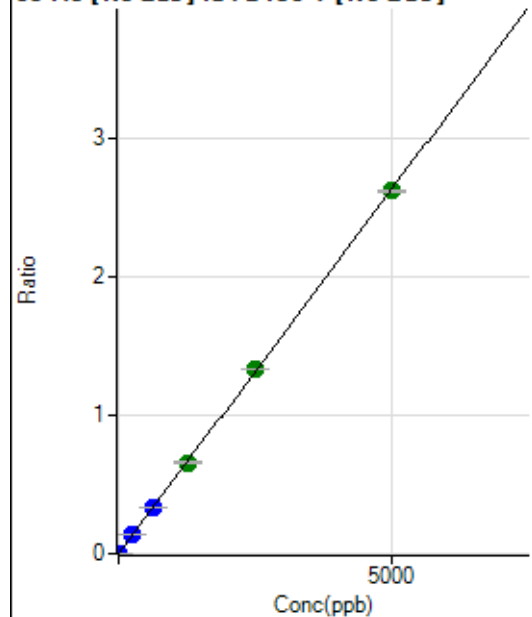
$$DL = 0.006172$$

$$BEC = 0.07124$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	27.9
2	☐	5.000	4.894	23748.37	0.0026	P	0.4
3	☐	250.000	251.152	1183474.92	0.1323	P	0.1
4	☐	625.000	630.979	2894748.35	0.3323	P	0.2
5	☐	1250.000	1253.286	5601364.93	0.6601	A	1.0
6	☐	2500.000	2534.951	11109712.83	1.3351	A	0.6
7	☐	5000.000	4980.898	21436140.58	2.6234	A	0.5
8	☐			20918.84	0.0026	P	4.6

$$y = 5.2668\text{E-}004 * x + 9.0885\text{E-}006$$

$$R = 1.0000$$

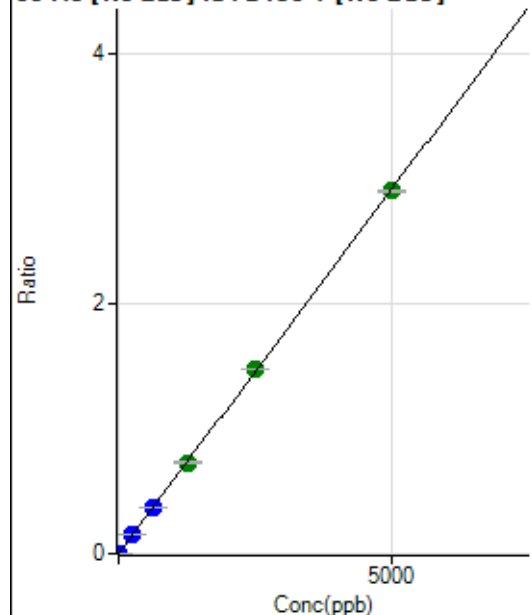
$$DL = 0.01443$$

$$BEC = 0.01726$$

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	169.45	0.0000	P	31.5
2	☐	5.000	4.905	26414.26	0.0029	P	0.3
3	☐	250.000	251.708	1312788.46	0.1467	P	0.3
4	☐	625.000	628.497	3191275.53	0.3664	P	0.8
5	☐	1250.000	1249.044	6178540.33	0.7281	A	1.1
6	☐	2500.000	2536.815	12305286.30	1.4788	A	0.2
7	☐	5000.000	4981.309	23727083.52	2.9037	A	0.4
8	☐			22665.91	0.0029	P	2.2

$$y = 5.8292\text{E-}004 * x + 1.7898\text{E-}005$$

$$R = 1.0000$$

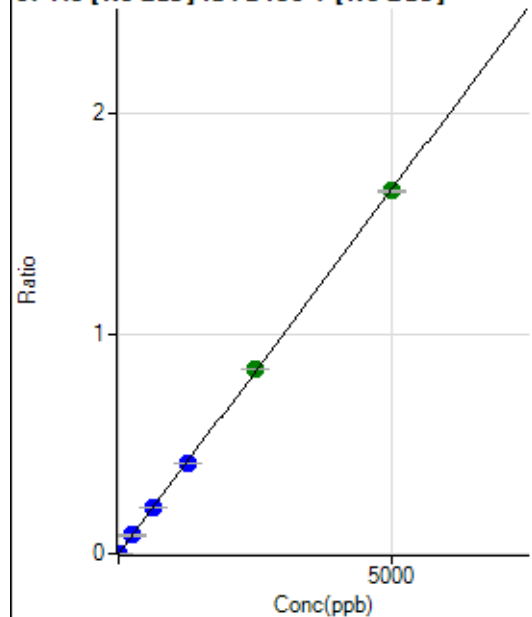
$$DL = 0.02898$$

$$BEC = 0.0307$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	41.9
2	☐	5.000	4.905	14958.33	0.0016	P	1.0
3	☐	250.000	251.257	743659.11	0.0831	P	0.9
4	☐	625.000	631.026	1818410.98	0.2088	P	0.6
5	☐	1250.000	1242.966	3489407.98	0.4112	P	0.7
6	☐	2500.000	2533.619	6974716.30	0.8382	A	0.4
7	☐	5000.000	4984.133	13473435.37	1.6489	A	0.4
8	☐			13162.12	0.0017	P	2.5

$$y = 3.3082\text{E-}004 * x + 6.7431\text{E-}006$$

$$R = 1.0000$$

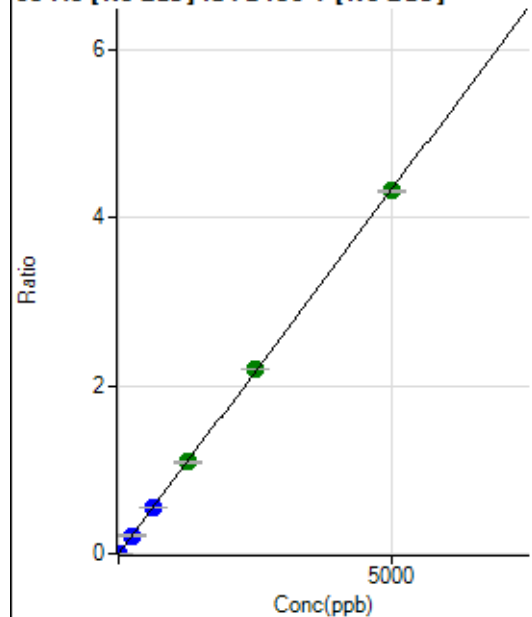
$$DL = 0.02565$$

$$BEC = 0.02038$$

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	163.90	0.0000	P	10.8
2	☐	5.000	4.786	38210.46	0.0042	P	2.2
3	☐	250.000	250.517	1941206.31	0.2170	P	0.4
4	☐	625.000	627.960	4737466.30	0.5439	P	0.3
5	☐	1250.000	1254.511	9220097.17	1.0865	A	0.7
6	☐	2500.000	2531.418	18243774.02	2.1925	A	0.6
7	☐	5000.000	4982.767	35263463.64	4.3156	A	0.5
8	☐			33673.98	0.0042	P	1.7

$$y = 8.6610\text{E-}004 * x + 1.7302\text{E-}005$$

$$R = 1.0000$$

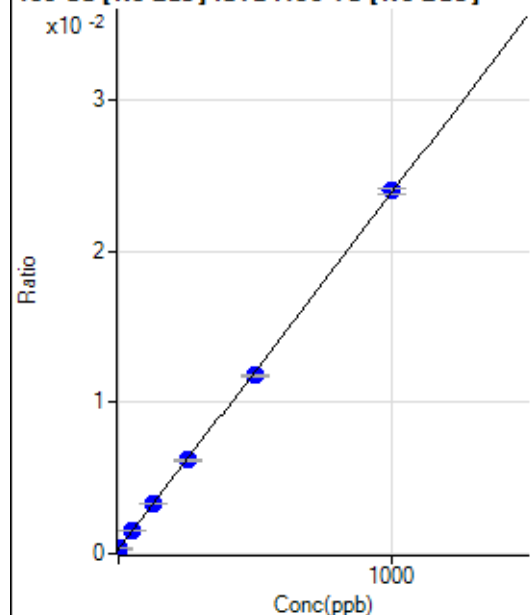
$$DL = 0.006449$$

$$BEC = 0.01998$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4506.46	0.0003	P	2.1
2	☐	1.000	2.433	5120.57	0.0004	P	2.6
3	☐	50.000	53.008	21619.98	0.0015	P	2.2
4	☐	125.000	128.886	45618.64	0.0033	P	1.8
5	☐	250.000	250.101	83998.77	0.0062	P	1.6
6	☐	500.000	486.748	158443.56	0.0118	P	0.1
7	☐	1000.000	1005.963	318079.16	0.0240	P	1.2
8	☐			4275.83	0.0003	P	5.1

$$y = 2.3522\text{E-}005 * x + 3.0107\text{E-}004$$

$$R = 0.9999$$

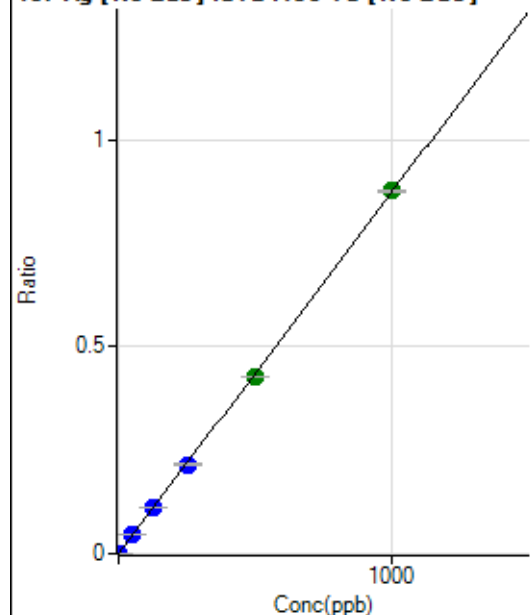
$$DL = 0.8017$$

$$BEC = 12.8$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	20.6
2	☐	1.000	0.872	10979.65	0.0008	P	2.8
3	☐	50.000	52.208	635300.16	0.0455	P	1.3
4	☐	125.000	128.223	1529083.21	0.1117	P	0.4
5	☐	250.000	247.319	2926776.15	0.2155	P	0.5
6	☐	500.000	490.242	5758662.06	0.4271	A	0.3
7	☐	1000.000	1005.036	11621502.00	0.8755	A	0.6
8	☐			1764.07	0.0001	P	5.5

$$y = 8.7114\text{E-}004 * x + 8.5336\text{E-}006$$

$$R = 0.9999$$

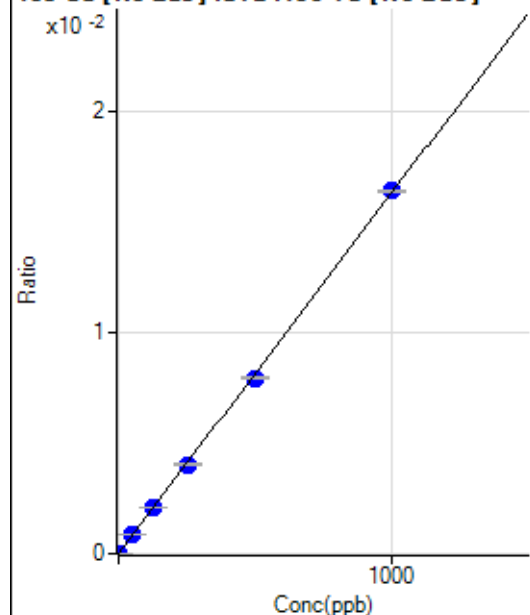
$$DL = 0.006053$$

$$BEC = 0.009796$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.34	0.0000	P	86.6
2	☐	1.000	1.002	241.67	0.0000	P	7.7
3	☐	50.000	51.204	11680.03	0.0008	P	1.2
4	☐	125.000	127.085	28399.59	0.0021	P	1.7
5	☐	250.000	247.836	54956.35	0.0040	P	0.9
6	☐	500.000	487.145	107215.78	0.0080	P	0.7
7	☐	1000.000	1006.648	218093.64	0.0164	P	0.7
8	☐			56.95	0.0000	P	36.2

$$y = 1.6322E-005 * x + 5.5702E-007$$

$$R = 0.9999$$

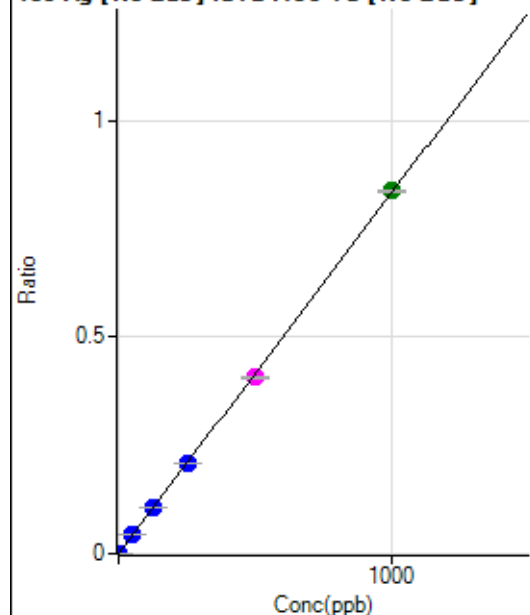
$$DL = 0.08864$$

$$BEC = 0.03413$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.23	0.0000	P	26.5
2	☐	1.000	0.880	10568.28	0.0007	P	2.6
3	☐	50.000	52.683	613161.20	0.0439	P	0.8
4	☐	125.000	128.769	1468669.80	0.1073	P	0.4
5	☐	250.000	249.349	2822115.56	0.2078	P	1.2
6	☐	500.000	487.908	5481491.31	0.4065	M	1.3
7	☐	1000.000	1005.604	11121631.67	0.8379	A	0.3
8	☐			1641.85	0.0001	P	7.3

$$y = 8.3319E-004 * x + 6.4989E-006$$

$$R = 0.9999$$

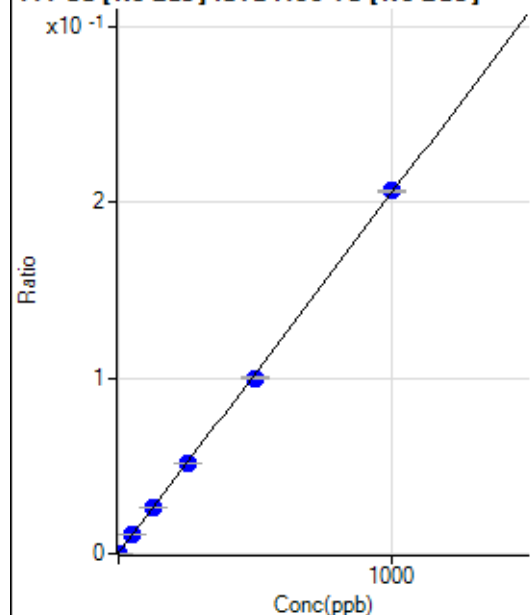
$$DL = 0.006203$$

$$BEC = 0.0078$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3187.58	0.0002	P	2.4
2	☐	1.000	1.118	6312.80	0.0004	P	2.6
3	☐	50.000	51.805	151040.06	0.0108	P	1.0
4	☐	125.000	126.785	358067.81	0.0262	P	0.1
5	☐	250.000	248.222	692916.52	0.0510	P	0.7
6	☐	500.000	486.789	1346112.98	0.0998	P	0.7
7	☐	1000.000	1006.737	2737521.50	0.2062	P	0.3
8	☐			3318.51	0.0003	P	4.8

$$y = 2.0465\text{E-}004 * x + 2.1295\text{E-}004$$

$$R = 0.9999$$

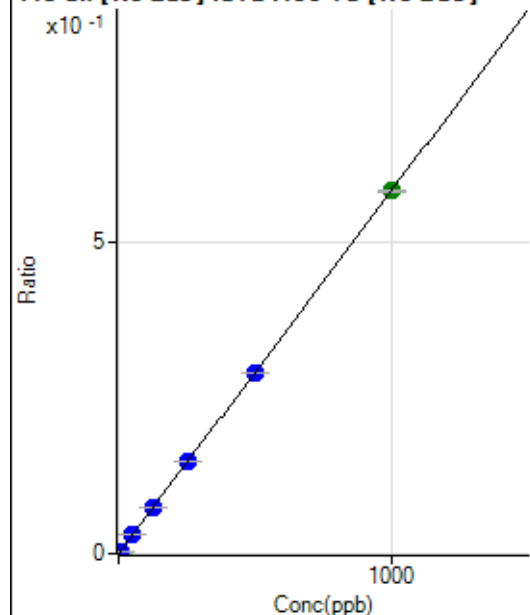
$$DL = 0.07635$$

$$BEC = 1.041$$

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	1250.11	0.0001	P	8.1
2	☐	5.000	5.263	45134.61	0.0032	P	3.9
3	☐	50.000	51.822	424030.77	0.0304	P	0.9
4	☐	125.000	129.073	1033344.64	0.0755	P	0.7
5	☐	250.000	253.291	2011305.88	0.1481	P	0.7
6	☐	500.000	498.094	3924946.14	0.2911	P	0.7
7	☐	1000.000	999.529	7752410.85	0.5840	A	0.5
8	☐			3892.37	0.0003	P	4.2

$$y = 5.8424\text{E-}004 * x + 8.3522\text{E-}005$$

$$R = 1.0000$$

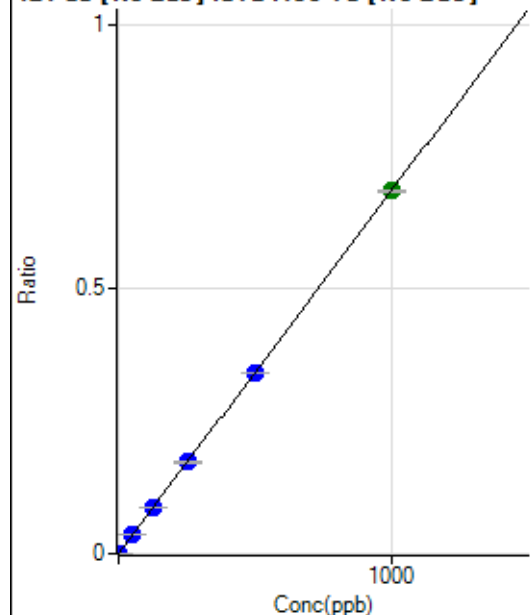
$$DL = 0.03468$$

$$BEC = 0.143$$

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	319.46	0.0000	P	8.2
2	☐	2.000	1.948	19380.69	0.0014	P	0.6
3	☐	50.000	51.205	490373.74	0.0351	P	0.5
4	☐	125.000	127.832	1199327.34	0.0876	P	0.3
5	☐	250.000	252.100	2346892.91	0.1728	P	0.8
6	☐	500.000	498.866	4609745.94	0.3419	P	0.3
7	☐	1000.000	999.628	9092610.45	0.6850	A	0.8
8	☐			12967.62	0.0010	P	5.1

$$y = 6.8525\text{E-}004 * x + 2.1347\text{E-}005$$

$$R = 1.0000$$

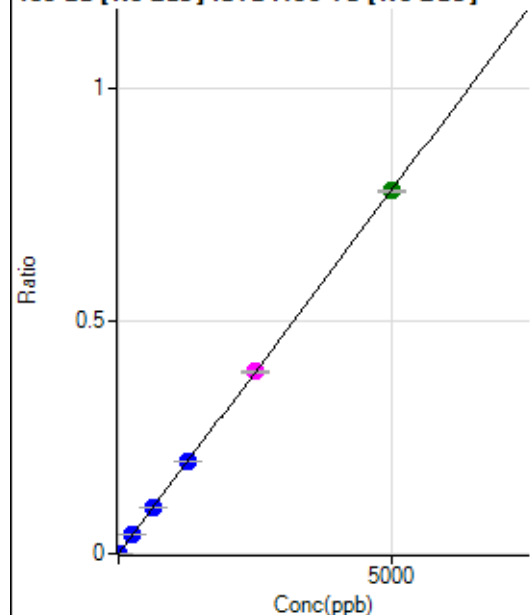
$$DL = 0.007696$$

$$BEC = 0.03115$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	64.0
2	☐	10.000	10.423	23336.98	0.0016	P	2.4
3	☐	250.000	258.055	563506.74	0.0403	P	0.4
4	☐	625.000	642.069	1373993.35	0.1004	P	0.3
5	☐	1250.000	1264.401	2685060.45	0.1977	P	0.8
6	☐	2500.000	2504.372	5278897.73	0.3915	M	1.0
7	☐	5000.000	4991.677	10358181.22	0.7804	A	0.6
8	☐			1339.02	0.0001	P	1.6

$$y = 1.5633\text{E-}004 * x + 3.5288\text{E-}006$$

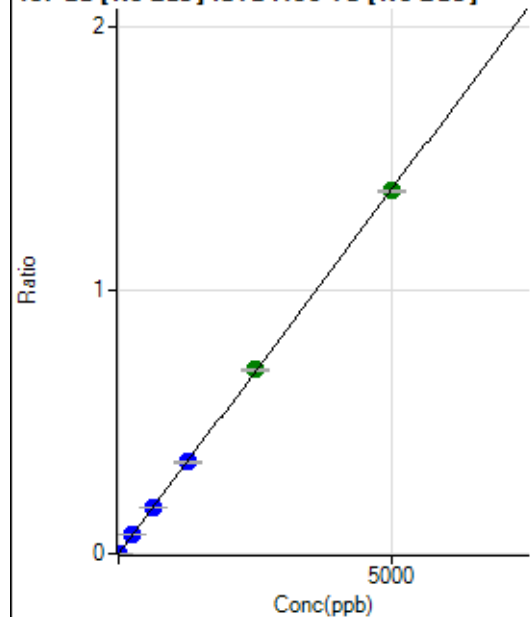
$$R = 1.0000$$

$$DL = 0.04336$$

$$BEC = 0.02257$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	51.1
2	☐	10.000	10.404	41176.03	0.0029	P	2.9
3	☐	250.000	258.708	999544.89	0.0716	P	0.5
4	☐	625.000	640.161	2423808.91	0.1771	P	0.4
5	☐	1250.000	1257.058	4723227.19	0.3477	P	0.6
6	☐	2500.000	2527.982	9428470.87	0.6993	A	0.6
7	☐	5000.000	4981.913	18291305.27	1.3780	A	0.4
8	☐			2517.00	0.0002	P	7.3

$$y = 2.7660E-004 * x + 3.5311E-006$$

$$R = 1.0000$$

$$DL = 0.01959$$

$$BEC = 0.01277$$

Weight: <None>

Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐			20.00		P	33.4
3	☐			93.34		P	25.8
4	☐			157.78		P	20.0
5	☐			257.79		P	24.0
6	☐			682.27		P	16.7
7	☐			953.41		P	4.9
8	☐			111.11		P	25.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	87.7
2	☐			8.89		P	108.
3	☐			12.22		P	15.7
4	☐			22.22		P	22.9
5	☐			37.78		P	41.7
6	☐			107.78		P	8.9
7	☐			55.55		P	19.3
8	☐			45.56		P	27.7

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	56.8
2	☐			2.78		P	173.
3	☐			38.89		P	24.7
4	☐			55.56		P	56.8
5	☐			66.67		P	37.5
6	☐			263.91		P	16.2
7	☐			219.46		P	28.0
8	☐			88.89		P	23.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	28.6
2	☐			21.11		P	65.7
3	☐			36.67		P	36.4
4	☐			33.33		P	20.0
5	☐			58.89		P	11.8
6	☐			135.56		P	5.1
7	☐			141.11		P	18.3
8	☐			42.22		P	12.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.78		P	12.4
2	☐			86.11		P	59.1
3	☐			100.00		P	28.9
4	☐			80.56		P	23.9
5	☐			80.56		P	33.3
6	☐			177.79		P	9.8
7	☐			111.12		P	11.5
8	☐			100.01		P	43.3

160 Gd [He] No available calibration points

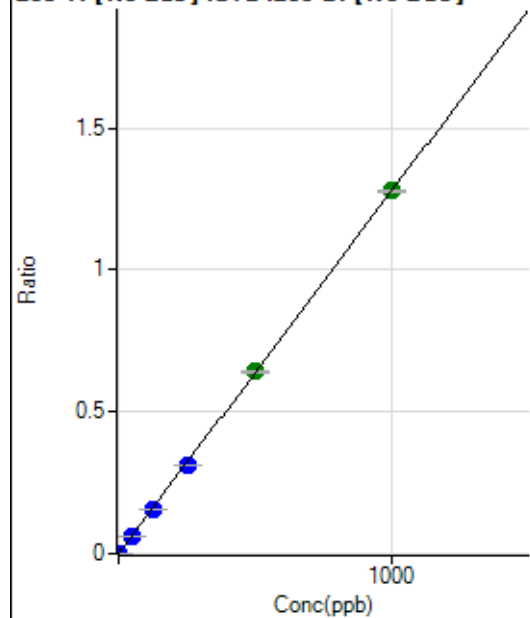
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			180.00		P	4.9
2	☐			173.34		P	6.9
3	☐			150.00		P	17.8
4	☐			150.00		P	2.2
5	☐			177.78		P	11.0
6	☐			193.34		P	7.9
7	☐			166.67		P	18.3
8	☐			177.78		P	13.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	44.1
2	☐			72.23		P	35.3
3	☐			55.56		P	31.2
4	☐			86.12		P	40.3
5	☐			77.78		P	37.6
6	☐			150.01		P	9.6
7	☐			91.67		P	9.1
8	☐			66.67		P	37.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			64.44		P	15.8
2	☐			65.56		P	7.8
3	☐			75.56		P	9.2
4	☐			66.67		P	8.7
5	☐			71.11		P	47.4
6	☐			92.22		P	9.1
7	☐			73.34		P	20.8
8	☐			80.00		P	15.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	950.08	0.0001	P	13.2
2	☐	1.000	0.960	13170.89	0.0013	P	1.2
3	☐	50.000	48.773	609532.96	0.0624	P	0.9
4	☐	125.000	121.781	1488020.37	0.1557	P	0.7
5	☐	250.000	244.823	2930004.15	0.3129	P	0.7
6	☐	500.000	501.997	5900540.06	0.6414	A	0.4
7	☐	1000.000	1000.759	11328725.51	1.2786	A	0.8
8	☐			3639.55	0.0005	P	4.6

$$y = 0.0013 * x + 8.8577E-005$$

$$R = 1.0000$$

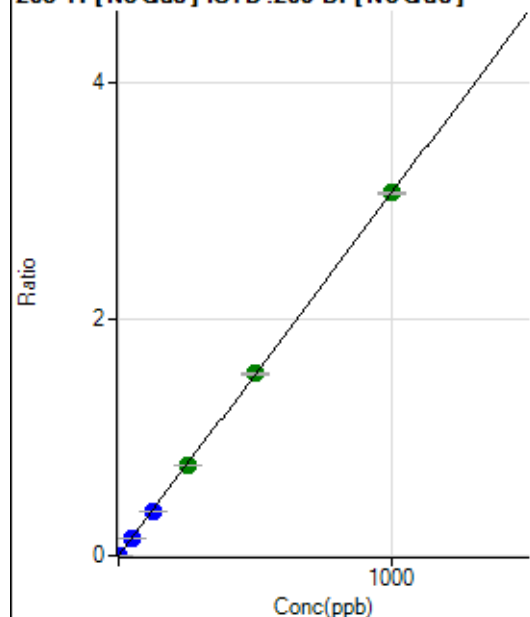
$$DL = 0.02755$$

$$BEC = 0.06933$$

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	1325.13	0.0001	P	14.1
2	☐	1.000	0.961	30742.05	0.0031	P	2.0
3	☐	50.000	49.206	1474393.11	0.1509	P	0.6
4	☐	125.000	122.106	3578515.32	0.3744	P	0.5
5	☐	250.000	246.830	7086251.63	0.7567	A	0.1
6	☐	500.000	502.062	14156893.02	1.5389	A	0.5
7	☐	1000.000	1000.163	27161479.60	3.0656	A	0.4
8	☐			7797.05	0.0010	P	7.7

$$y = 0.0031 * x + 1.2370E-004$$

$$R = 1.0000$$

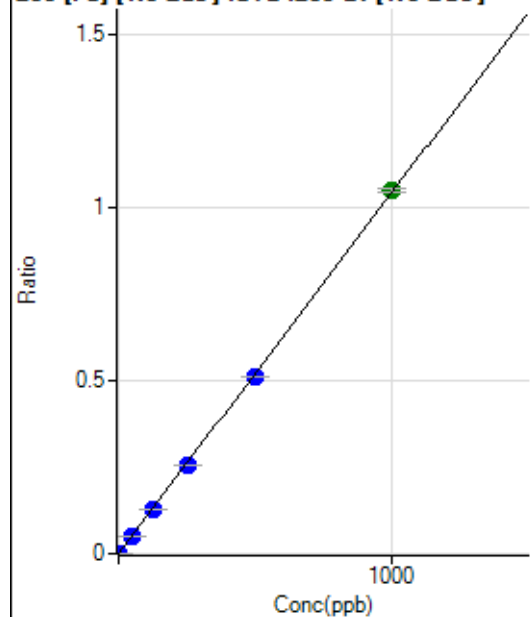
$$DL = 0.01711$$

$$BEC = 0.04036$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1266.76	0.0001	P	9.5
2	☐	1.000	0.915	10728.68	0.0011	P	0.5
3	☐	50.000	49.245	502214.84	0.0514	P	0.8
4	☐	125.000	122.049	1216300.46	0.1272	P	0.8
5	☐	250.000	244.901	2390106.42	0.2552	P	0.1
6	☐	500.000	491.057	4706350.34	0.5116	P	0.7
7	☐	1000.000	1006.153	9286363.52	1.0482	A	1.0
8	☐			8312.09	0.0011	P	1.6

$$y = 0.0010 * x + 1.1812E-004$$

$$R = 0.9999$$

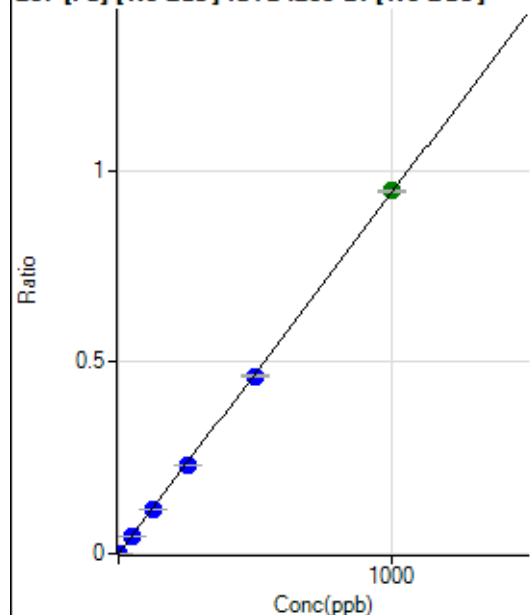
$$DL = 0.03244$$

$$BEC = 0.1134$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1135.27	0.0001	P	5.5
2	☐	1.000	0.985	10346.90	0.0010	P	2.2
3	☐	50.000	49.082	452395.56	0.0463	P	0.4
4	☐	125.000	122.231	1100935.00	0.1152	P	0.5
5	☐	250.000	244.518	2156812.81	0.2303	P	0.4
6	☐	500.000	491.392	4256397.49	0.4627	P	0.9
7	☐	1000.000	1006.067	8392468.65	0.9473	A	0.8
8	☐			7565.37	0.0010	P	1.8

$$y = 9.4143\text{E-}004 * x + 1.0588\text{E-}004$$

$$R = 0.9999$$

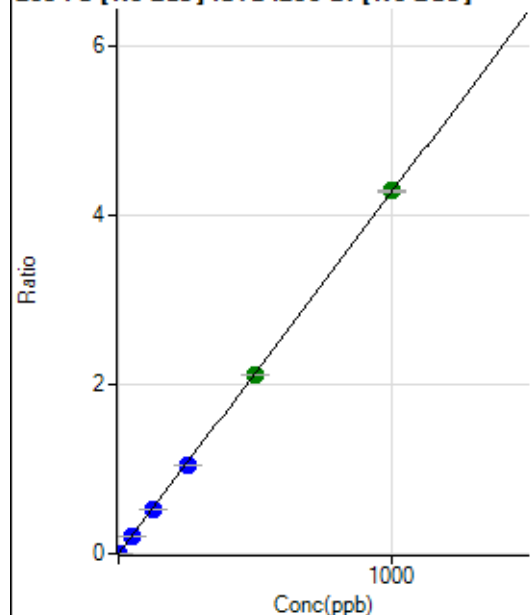
$$DL = 0.01855$$

$$BEC = 0.1125$$

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	4483.74	0.0004	P	2.2
2	☐	1.000	0.952	44910.39	0.0045	P	1.0
3	☐	50.000	49.200	2056745.02	0.2106	P	0.9
4	☐	125.000	122.565	5007798.95	0.5239	P	0.6
5	☐	250.000	245.300	9815805.00	1.0481	P	0.2
6	☐	500.000	495.054	19454486.37	2.1149	A	0.4
7	☐	1000.000	1003.992	37996231.23	4.2886	A	0.8
8	☐			33025.96	0.0043	P	1.8

$$y = 0.0043 * x + 4.1812\text{E-}004$$

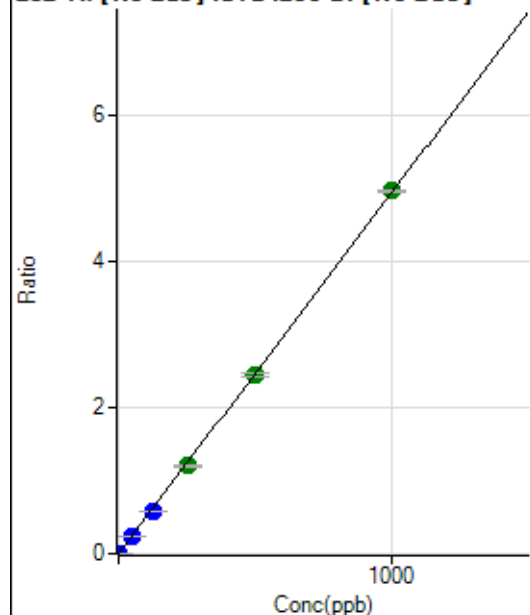
$$R = 1.0000$$

$$DL = 0.006353$$

$$BEC = 0.0979$$

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	3476.49	0.0003	P	6.6
2	☐	1.000	0.811	43428.25	0.0043	P	1.9
3	☐	50.000	46.662	2257864.59	0.2311	P	0.3
4	☐	125.000	118.500	5606025.59	0.5865	P	0.5
5	☐	250.000	242.444	11234440.99	1.1996	A	0.6
6	☐	500.000	495.427	22547519.49	2.4510	A	1.1
7	☐	1000.000	1005.155	44056949.60	4.9725	A	0.5
8	☐			9409.20	0.0012	P	5.2

$$y = 0.0049 * x + 3.2411E-004$$

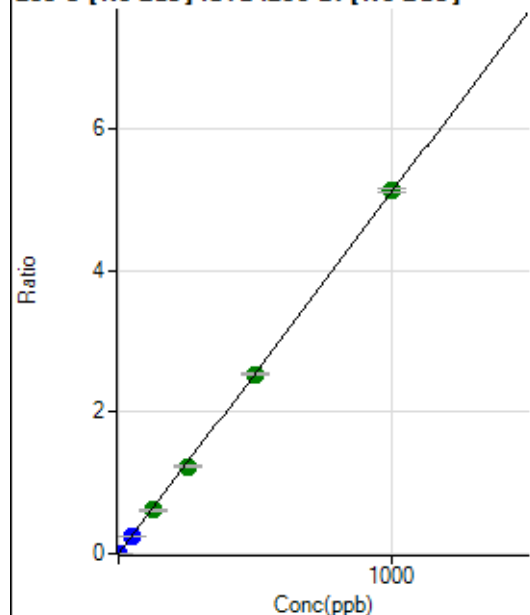
$$R = 0.9999$$

$$DL = 0.01291$$

$$BEC = 0.06552$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3581.20	0.0003	P	6.8
2	☐	1.000	0.900	49394.42	0.0049	P	2.8
3	☐	50.000	47.205	2360034.21	0.2416	P	0.9
4	☐	125.000	119.770	5854354.95	0.6125	A	1.0
5	☐	250.000	242.064	11589225.09	1.2375	A	1.1
6	☐	500.000	496.976	23369505.04	2.5404	A	0.7
7	☐	1000.000	1004.290	45481043.73	5.1334	A	0.9
8	☐			6482.46	0.0008	P	10.2

$$y = 0.0051 * x + 3.3406E-004$$

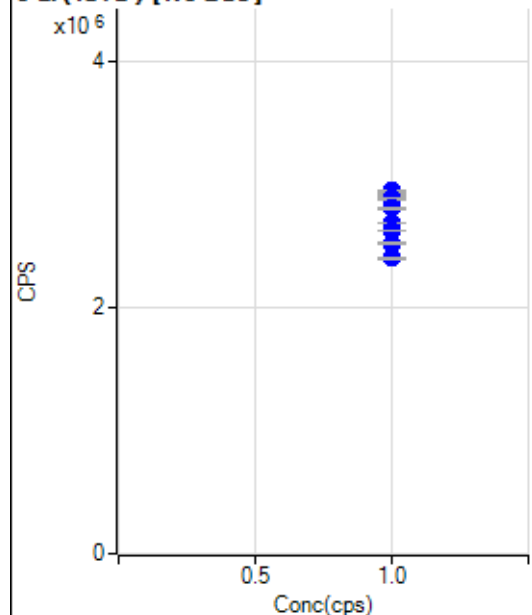
$$R = 1.0000$$

$$DL = 0.01327$$

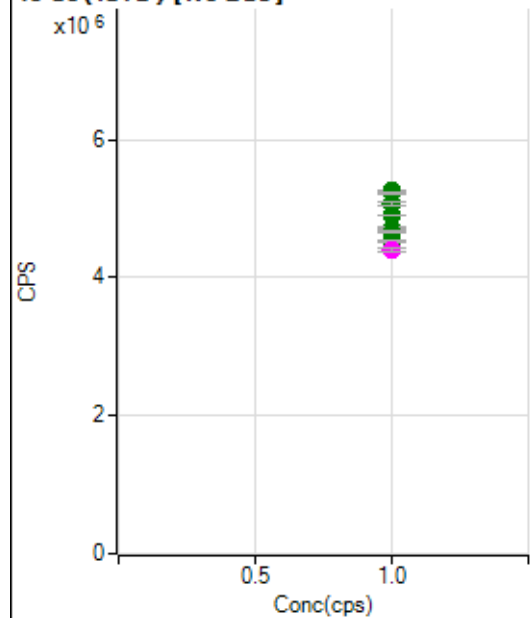
$$BEC = 0.06536$$

Weight: <None>

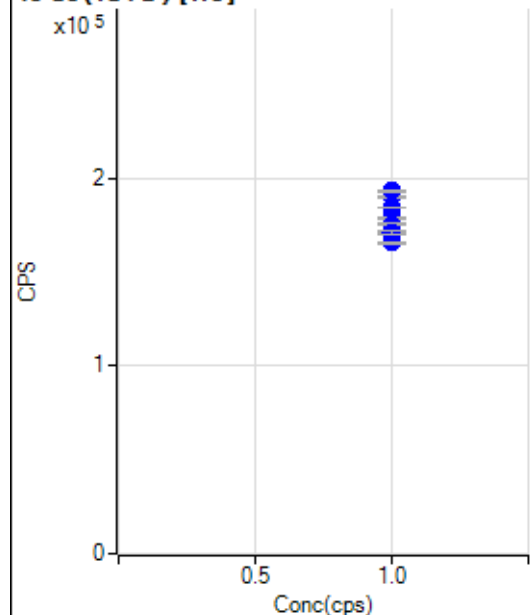
Min Conc: 0

6 Li (ISTD) [No Gas]

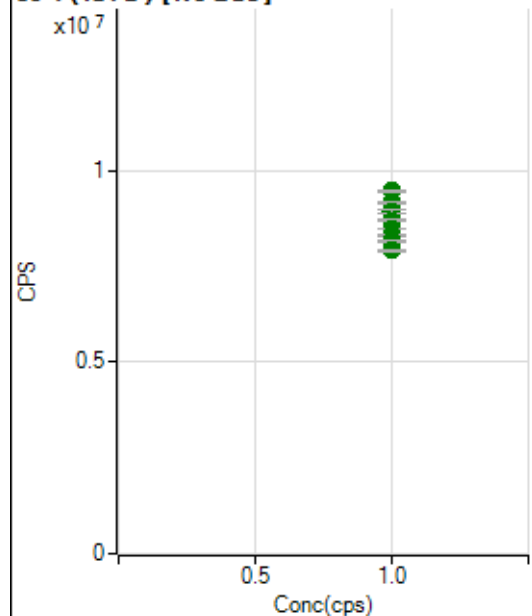
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2914503.64		P	0.6
2	☐	1.000		2948505.33		P	0.7
3	☐	1.000		2884810.89		P	0.7
4	☐	1.000		2808585.36		P	0.5
5	☐	1.000		2687372.04		P	0.0
6	☐	1.000		2626123.33		P	0.4
7	☐	1.000		2518753.04		P	0.7
8	☐	1.000		2404467.27		P	0.6

45 Sc (ISTD) [No Gas]

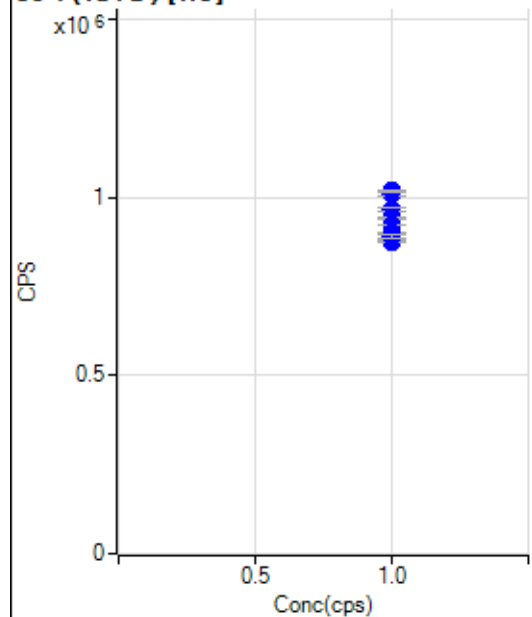
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5255740.05		A	0.3
2	☐	1.000		5224868.65		A	0.3
3	☐	1.000		5075191.95		A	1.1
4	☐	1.000		4896072.64		A	0.2
5	☐	1.000		4717277.14		A	0.4
6	☐	1.000		4665641.03		A	0.5
7	☐	1.000		4526316.68		A	0.3
8	☐	1.000		4397539.51		M	0.9

45 Sc (ISTD) [He]

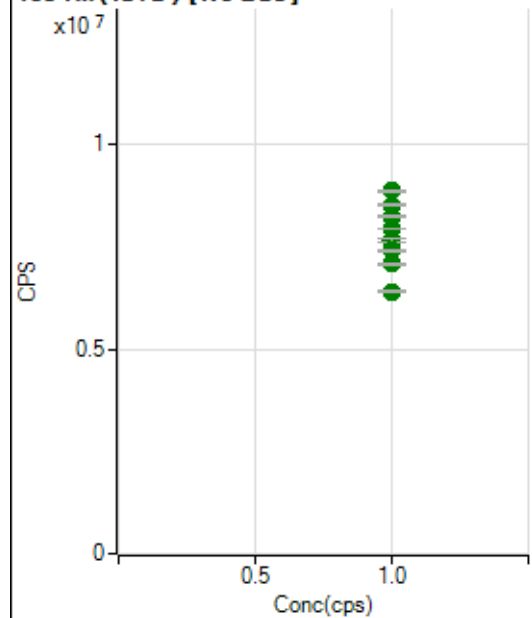
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		190202.59		P	0.4
2	☐	1.000		193229.03		P	0.3
3	☐	1.000		184423.18		P	0.0
4	☐	1.000		178910.94		P	0.2
5	☐	1.000		175379.99		P	0.7
6	☐	1.000		171282.31		P	0.5
7	☐	1.000		165415.22		P	0.7
8	☐	1.000		170996.19		P	1.6

89 Y (ISTD) [No Gas]

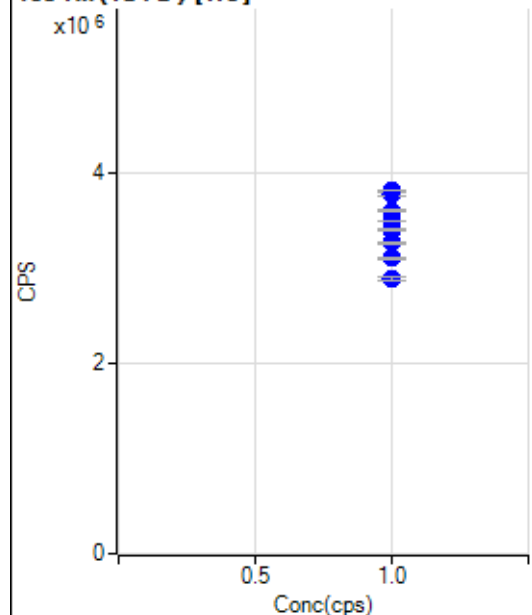
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9473822.08		A	0.3
2	☐	1.000		9180373.75		A	0.4
3	☐	1.000		8946302.92		A	0.8
4	☐	1.000		8710332.09		A	0.1
5	☐	1.000		8485824.60		A	0.4
6	☐	1.000		8321327.65		A	0.7
7	☐	1.000		8171422.52		A	0.7
8	☐	1.000		7930360.58		A	0.7

89 Y (ISTD) [He]

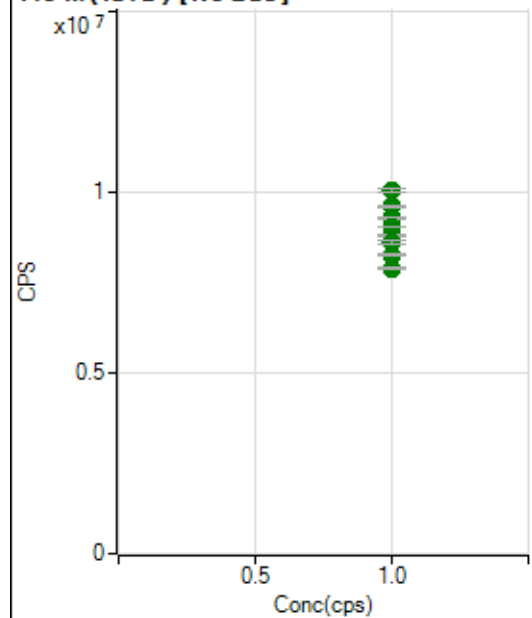
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1009055.79		P	0.9
2	☐	1.000		1019439.84		P	0.8
3	☐	1.000		967881.99		P	0.9
4	☐	1.000		942933.08		P	0.2
5	☐	1.000		924541.65		P	0.2
6	☐	1.000		904233.57		P	0.1
7	☐	1.000		877365.01		P	0.5
8	☐	1.000		891205.02		P	1.0

103 Rh (ISTD) [No Gas]

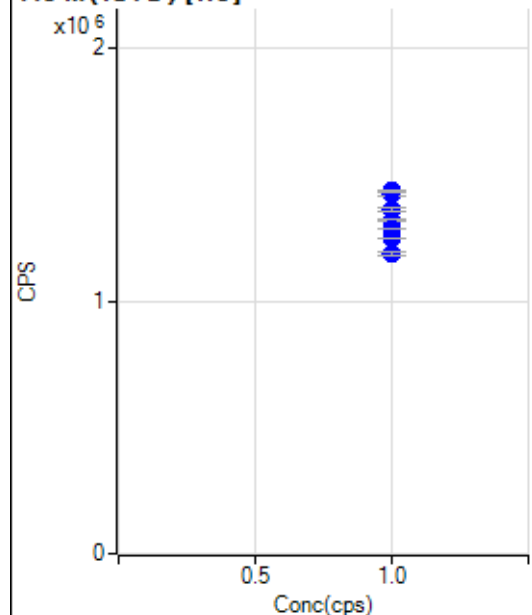
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8859373.55		A	0.6
2	☐	1.000		8514485.09		A	0.7
3	☐	1.000		8230710.43		A	0.4
4	☐	1.000		7943808.86		A	0.2
5	☐	1.000		7648715.19		A	1.0
6	☐	1.000		7412309.54		A	0.5
7	☐	1.000		7083107.02		A	0.6
8	☐	1.000		6407598.75		A	0.6

103 Rh (ISTD) [He]

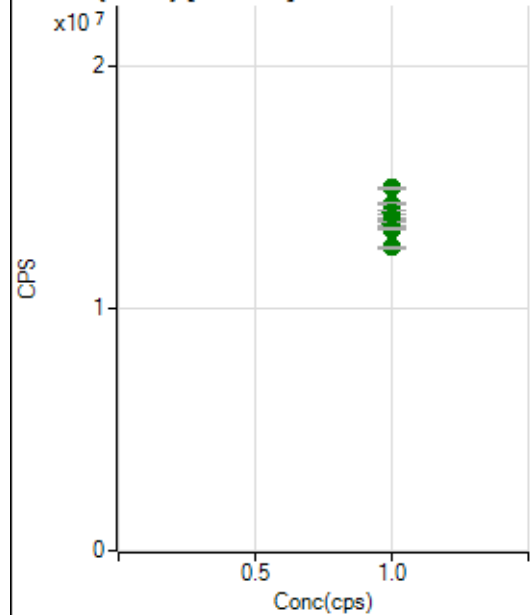
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3781462.41		P	0.7
2	☐	1.000		3815700.95		P	0.1
3	☐	1.000		3604868.80		P	0.4
4	☐	1.000		3496767.90		P	0.3
5	☐	1.000		3405936.83		P	0.3
6	☐	1.000		3269326.38		P	0.2
7	☐	1.000		3110504.54		P	0.4
8	☐	1.000		2899672.77		P	1.3

115 In (ISTD) [No Gas]

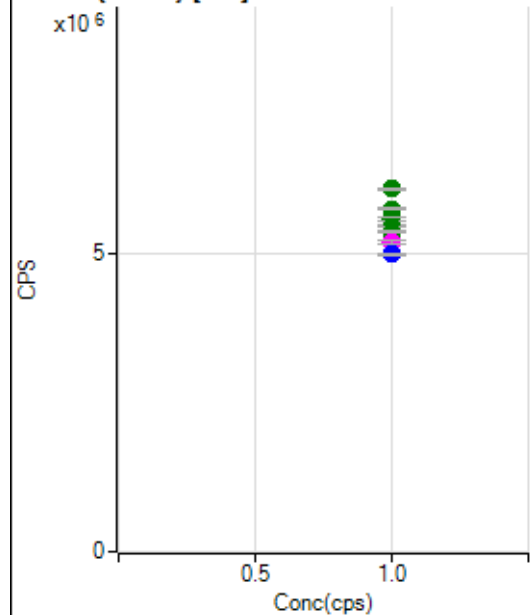
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10046351.72		A	1.0
2	☐	1.000		9619809.79		A	0.6
3	☐	1.000		9309671.29		A	0.8
4	☐	1.000		9043066.22		A	0.3
5	☐	1.000		8811733.38		A	0.8
6	☐	1.000		8633264.13		A	0.9
7	☐	1.000		8264701.03		A	0.5
8	☐	1.000		7890090.80		A	0.9

115 In (ISTD) [He]

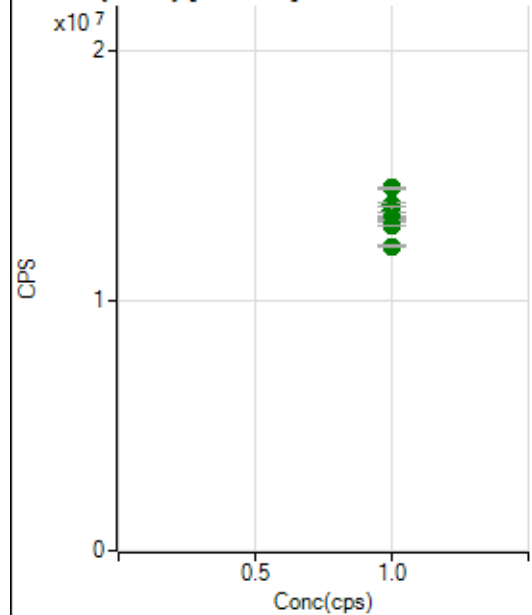
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1424814.33		P	0.9
2	☐	1.000		1435792.09		P	0.7
3	☐	1.000		1361892.16		P	0.7
4	☐	1.000		1319659.19		P	0.4
5	☐	1.000		1285546.90		P	0.3
6	☐	1.000		1246246.94		P	0.3
7	☐	1.000		1187302.17		P	0.8
8	☐	1.000		1185996.73		P	1.4

159 Tb (ISTD) [No Gas]

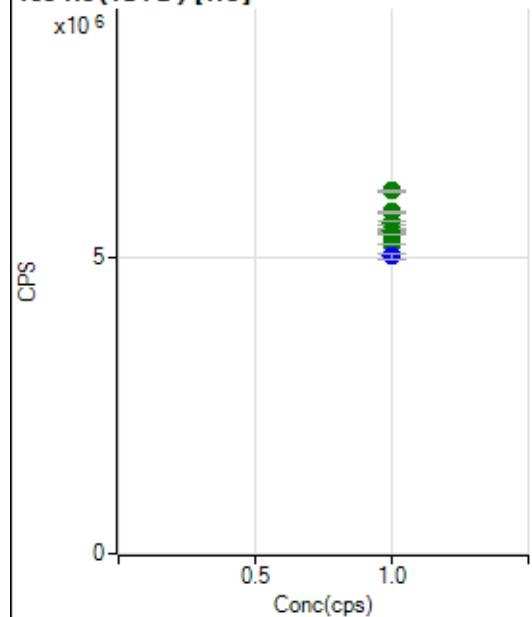
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14967517.69		A	0.4
2	☐	1.000		14291212.01		A	0.5
3	☐	1.000		13967583.82		A	1.3
4	☐	1.000		13688174.10		A	0.2
5	☐	1.000		13584245.77		A	0.8
6	☐	1.000		13484006.60		A	0.7
7	☐	1.000		13273776.89		A	0.5
8	☐	1.000		12498795.37		A	0.3

159 Tb (ISTD) [He]

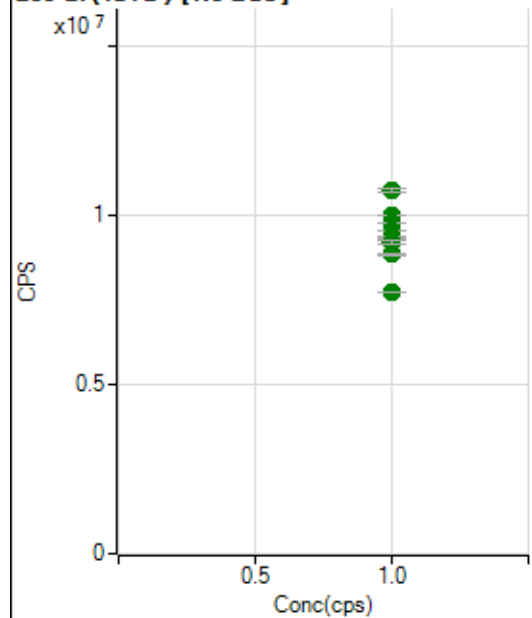
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6101874.29		A	0.2
2	☐	1.000		5768720.68		A	0.4
3	☐	1.000		5594943.35		A	0.7
4	☐	1.000		5478623.77		A	0.4
5	☐	1.000		5464657.35		A	0.3
6	☐	1.000		5377415.30		A	0.6
7	☐	1.000		5213477.53		M	1.1
8	☐	1.000		4997347.53		P	0.9

165 Ho (ISTD) [No Gas]

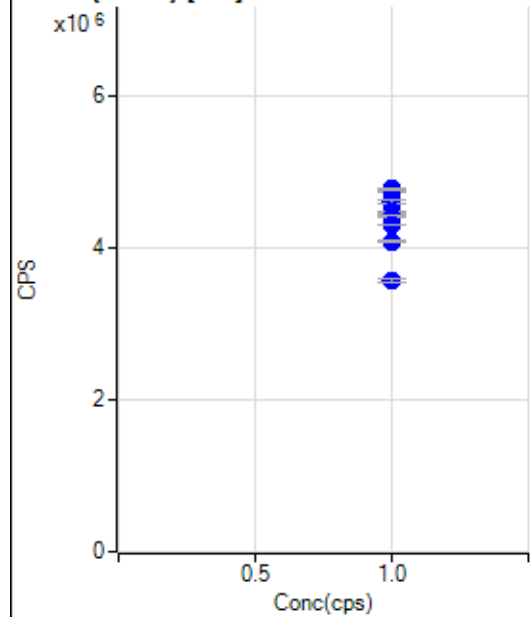
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14531704.40		A	0.6
2	☐	1.000		13876040.68		A	0.8
3	☐	1.000		13659326.87		A	1.4
4	☐	1.000		13308374.86		A	1.1
5	☐	1.000		13245168.61		A	1.1
6	☐	1.000		13203750.21		A	0.7
7	☐	1.000		13014046.47		A	0.3
8	☐	1.000		12201098.10		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6131346.99		A	0.6
2	☐	1.000		5770603.80		A	0.8
3	☐	1.000		5593024.60		A	0.9
4	☐	1.000		5461008.88		A	0.3
5	☐	1.000		5455949.92		A	1.2
6	☐	1.000		5404545.02		A	0.1
7	☐	1.000		5240288.74		A	0.3
8	☐	1.000		5022031.25		P	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10722135.32		A	1.0
2	☐	1.000		10012361.80		A	0.2
3	☐	1.000		9768196.73		A	0.1
4	☐	1.000		9558463.68		A	0.3
5	☐	1.000		9365240.69		A	0.8
6	☐	1.000		9199300.77		A	1.2
7	☐	1.000		8860167.37		A	0.7
8	☐	1.000		7725057.87		A	0.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4740021.21		P	0.3
2	☐	1.000		4774876.60		P	0.6
3	☐	1.000		4599394.21		P	0.9
4	☐	1.000		4471812.29		P	0.4
5	☐	1.000		4405968.02		P	0.6
6	☐	1.000		4297163.55		P	0.2
7	☐	1.000		4082509.73		P	0.5
8	☐	1.000		3565405.68		P	0.9

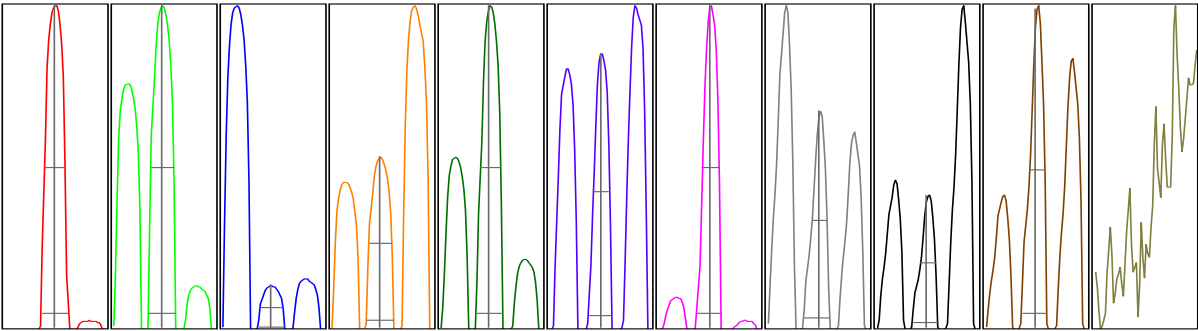
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7092919-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	9558	0.70	5.00	
24	105840	0.94	5.00	
25	14142	0.72	5.00	
26	16537	0.88	5.00	
59	77470	0.46	5.00	
113	11953	0.42	5.00	
115	140342	0.97	5.00	
206	40382	0.59	5.00	
207	36808	0.60	5.00	
208	88878	0.74	5.00	
220	142	2.47		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	9443	9562	9590	9580	9615
24	104102	106208	106637	106274	105979
25	13970	14207	14151	14226	14156
26	16291	16520	16628	16624	16626
59	76929	77669	77881	77467	77402
113	11929	11988	12023	11927	11900
115	141542	141550	140801	139231	138588
206	40019	40529	40636	40285	40438
207	36438	36867	37015	36905	36815
208	87771	89244	89495	88988	88889
220	140	141	144	146	137

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	16220	9.00	8.9 - 9.1		0.777	0.900	
24	169412	23.95	23.9 - 24.1		0.788	0.900	
25	22652	24.95	24.9 - 25.1		0.785	0.900	
26	26458	25.95	25.9 - 26.1		0.791	0.900	
59	134923	58.95	58.9 - 59.1		0.777	0.900	
113	24293	113.05	112.9 - 113.1		0.687	0.900	
115	285386	115.05	114.9 - 115.1		0.705	0.900	
206	88334	206.05	205.9 - 206.1		0.760	0.900	
207	78480	207.00	206.9 - 207.1		0.733	0.900	
208	188918	208.00	207.9 - 208.1		0.733	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.4	V	Deflect	11.8	V
Extract 2	-120.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	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	140	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	18795	0.62	
89	22972	0.54	
205	32084	0.42	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	18874	18907	18754	18825	18613
89	22961	23186	22945	22901	22869
205	32260	32135	32087	31890	32047

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	6.5	V	Deflect	1.6	V
Extract 2	-130.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-70	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	190	V			

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 14:53:02 DataFile Name : 002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.40	-0.58	0.18	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.02	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.48	0.13	-0.61	0.00	N/A	ppb
Boron	11-1	0.15	-0.07	-0.08	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.03	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.15	0.31	-0.16	0.00	N/A	ppb
Cadmium	108-1	-0.02	-0.02	0.03	0.00	N/A	ppb
Calcium	43-1	1.79	-1.36	-0.43	0.00	N/A	ppb
Calcium	44-1	0.01	0.09	-0.09	0.00	N/A	ppb
Chromium	52-2	-0.02	0.00	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.01	-0.05	0.03	0.00	N/A	ppb
Iron	57-2	0.56	-0.45	-0.11	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.05	0.01	0.04	0.00	N/A	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 14:53:02	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-30.54	-32.86	-25.68	-29.69		ppb
Potassium	39-2	-0.60	-1.20	1.81	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.05	0.02	0.03	0.00	N/A	ppb
Selenium	82-1	-0.04	0.00	0.04	0.00	N/A	ppb
Silicon	28-1	0.14	-0.07	-0.07	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	0.45	-0.30	-0.15	0.00	N/A	ppb
Strontium	86-1	-0.03	-0.07	0.10	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-116.33	-112.61	-54.56	-94.50		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	0.01	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	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	0.02	0.00	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 14:53:02	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.09	-0.10	0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 14:56:38	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.41	19.71	21.34	21.15	6.43	ppb
Antimony	121-1	1.95	1.96	1.93	1.95	0.62	ppb
Arsenic	75-2	1.06	1.13	0.96	1.05	8.25	ppb
Barium	135-1	10.31	10.25	10.71	10.42	2.40	ppb
Barium	137-1	10.08	10.44	10.69	10.40	2.95	ppb
Beryllium	9-1	0.97	1.01	1.05	1.01	3.75	ppb
Bismuth	209-1				93		%
Bismuth	209-2				101		%
Boron	10-1	24.26	22.59	23.79	23.55	3.67	ppb
Boron	11-1	23.62	22.93	23.74	23.43	1.87	ppb
Cadmium	111-1	1.05	1.16	1.14	1.12	5.04	ppb
Cadmium	106-1	2.31	2.12	2.87	2.43	15.97	ppb
Cadmium	108-1	0.94	0.97	1.09	1.00	7.97	ppb
Calcium	43-1	468.18	492.03	489.09	483.10	2.69	ppb
Calcium	44-1	491.91	495.76	489.93	492.53	0.60	ppb
Chromium	52-2	2.09	2.01	2.02	2.04	1.98	ppb
Cobalt	59-2	1.04	1.03	1.06	1.04	1.59	ppb
Copper	63-2	2.22	2.10	2.09	2.14	3.28	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				95		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	56-2	56.31	56.91	56.87	56.70	0.60	ppb
Iron	57-2	57.97	53.74	54.69	55.47	4.00	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.92	0.91	0.92	0.60	ppb
Lead	207-1	1.00	0.96	0.99	0.99	2.49	ppb
Lead	208-1	0.96	0.94	0.96	0.95	1.12	ppb
Lithium	6-1				101		%
Magnesium	24-2	535.01	540.25	541.02	538.76	0.61	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 14:56:38	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.07	1.07	1.06	1.91	ppb
Molybdenum	94-1	4.92	4.77	4.86	4.85	1.57	ppb
Molybdenum	95-1	4.89	4.92	4.88	4.89	0.40	ppb
Molybdenum	96-1	4.92	4.89	4.91	4.91	0.29	ppb
Molybdenum	97-1	4.85	4.92	4.95	4.90	1.03	ppb
Molybdenum	98-1	4.88	4.81	4.67	4.79	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.08	1.07	1.10	4.55	ppb
Phosphorus	31-2	47.74	26.61	14.72	29.69	56.33	ppb
Potassium	39-2	500.89	511.55	499.16	503.87	1.33	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	77-2	4.78	5.38	2.12	4.09	42.34	ppb
Selenium	78-2	5.80	6.32	5.97	6.03	4.42	ppb
Selenium	82-1	5.37	4.80	4.91	5.02	6.01	ppb
Silicon	28-1	7.46	7.50	7.39	7.45	0.73	ppb
Silver	109-1	0.86	0.88	0.90	0.88	2.67	ppb
Silver	107-1	0.86	0.86	0.90	0.87	2.86	ppb
Sodium	23-2	505.43	504.65	511.81	507.30	0.77	ppb
Strontium	86-1	1.06	1.09	0.99	1.05	5.01	ppb
Strontium	88-1	1.02	0.99	0.99	1.00	1.68	ppb
Sulfur	34-1	193.05	42.87	47.58	94.50	90.35	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	0.97	0.95	0.96	0.96	1.34	ppb
Thallium	205-1	0.98	0.95	0.95	0.96	2.08	ppb
Thorium	232-1	0.82	0.82	0.79	0.81	2.10	ppb
Tin	118-1	5.08	5.21	5.50	5.26	4.02	ppb
Titanium	47-1	5.19	5.52	5.15	5.29	3.79	ppb
Uranium	238-1	0.93	0.89	0.88	0.90	3.06	ppb
Vanadium	51-2	5.28	5.35	5.24	5.29	1.06	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 14:56:38	DataFile Name :	003CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.06	2.00	1.93	2.00	3.24	ppb
Zirconium	90-1	0.89	0.87	0.86	0.87	1.64	ppb
Zirconium	91-1	0.89	0.95	0.93	0.92	3.55	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:01:13	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1017.85	1030.07	998.30	1015.41	1.58	ppb
Antimony	121-1	50.91	51.32	51.38	51.20	0.50	ppb
Arsenic	75-2	52.08	52.39	51.83	52.10	0.54	ppb
Barium	135-1	256.94	259.11	258.11	258.05	0.42	ppb
Barium	137-1	257.63	258.30	260.20	258.71	0.51	ppb
Beryllium	9-1	51.61	52.04	52.05	51.90	0.49	ppb
Bismuth	209-1				91		%
Bismuth	209-2				97		%
Boron	10-1	51.42	48.03	50.66	50.04	3.56	ppb
Boron	11-1	49.36	49.69	49.13	49.39	0.57	ppb
Cadmium	111-1	51.22	52.24	51.95	51.80	1.01	ppb
Cadmium	106-1	53.18	54.34	51.51	53.01	2.68	ppb
Cadmium	108-1	50.50	51.49	51.62	51.20	1.20	ppb
Calcium	43-1	5081.96	5063.84	5118.31	5088.04	0.55	ppb
Calcium	44-1	5061.47	5076.84	5090.39	5076.23	0.29	ppb
Chromium	52-2	51.64	51.57	51.38	51.53	0.26	ppb
Cobalt	59-2	53.00	52.84	53.13	52.99	0.28	ppb
Copper	63-2	105.38	104.21	106.04	105.21	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				91		%
Indium	115-1				93		%
Indium	115-2				96		%
Iron	56-2	2654.83	2639.87	2648.06	2647.59	0.28	ppb
Iron	57-2	2672.12	2663.18	2666.16	2667.15	0.17	ppb
Krypton	83-1						cps
Lead	206-1	49.51	48.80	49.43	49.25	0.79	ppb
Lead	207-1	49.28	48.94	49.03	49.08	0.36	ppb
Lead	208-1	49.35	48.72	49.52	49.20	0.85	ppb
Lithium	6-1				99		%
Magnesium	24-2	5255.37	5272.51	5305.62	5277.83	0.48	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:01:13	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.69	102.14	102.33	102.72	0.83	ppb
Molybdenum	94-1	248.72	253.00	253.47	251.73	1.04	ppb
Molybdenum	95-1	251.10	251.30	251.05	251.15	0.05	ppb
Molybdenum	96-1	251.57	252.57	250.98	251.71	0.32	ppb
Molybdenum	97-1	249.52	253.84	250.41	251.26	0.91	ppb
Molybdenum	98-1	249.71	251.65	250.19	250.52	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.40	53.59	53.75	53.91	0.80	ppb
Phosphorus	31-2	997.10	1082.98	1024.95	1035.01	4.23	ppb
Potassium	39-2	2518.70	2545.78	2515.99	2526.83	0.65	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	54.74	55.34	56.14	55.41	1.26	ppb
Selenium	78-2	55.42	54.63	53.04	54.37	2.23	ppb
Selenium	82-1	53.35	52.83	52.35	52.84	0.95	ppb
Silicon	28-1	48.60	49.38	50.03	49.34	1.45	ppb
Silver	109-1	52.28	53.08	52.68	52.68	0.76	ppb
Silver	107-1	51.54	52.89	52.19	52.21	1.29	ppb
Sodium	23-2	5084.49	5114.68	5144.51	5114.56	0.59	ppb
Strontium	86-1	51.20	50.40	51.74	51.11	1.32	ppb
Strontium	88-1	50.04	50.34	50.05	50.14	0.34	ppb
Sulfur	34-1	967.99	1208.01	1043.84	1073.28	11.43	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	48.75	48.36	49.21	48.77	0.87	ppb
Thallium	205-1	49.35	48.84	49.42	49.21	0.64	ppb
Thorium	232-1	46.77	46.73	46.48	46.66	0.34	ppb
Tin	118-1	51.71	52.33	51.43	51.82	0.89	ppb
Titanium	47-1	247.66	252.80	251.94	250.80	1.10	ppb
Uranium	238-1	47.70	46.88	47.03	47.20	0.93	ppb
Vanadium	51-2	50.84	50.54	50.03	50.47	0.81	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:01:13	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	103.74	100.32	104.37	102.81	2.12	ppb
Zirconium	90-1	49.40	50.54	50.31	50.08	1.20	ppb
Zirconium	91-1	50.39	51.37	51.15	50.97	1.01	ppb

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 15:05:11 DataFile Name : 005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2554.71	2575.95	2509.07	2546.57	1.34	ppb
Antimony	121-1	128.23	127.86	127.41	127.83	0.32	ppb
Arsenic	75-2	129.98	129.78	129.15	129.64	0.33	ppb
Barium	135-1	641.63	644.38	640.19	642.07	0.33	ppb
Barium	137-1	641.41	641.80	637.28	640.16	0.39	ppb
Beryllium	9-1	127.97	128.71	129.25	128.64	0.50	ppb
Bismuth	209-1				89		%
Bismuth	209-2				94		%
Boron	10-1	124.17	125.99	121.39	123.85	1.87	ppb
Boron	11-1	120.13	123.65	123.71	122.50	1.68	ppb
Cadmium	111-1	126.97	126.68	126.70	126.78	0.13	ppb
Cadmium	106-1	129.95	130.72	125.99	128.89	1.97	ppb
Cadmium	108-1	127.34	129.12	124.80	127.08	1.71	ppb
Calcium	43-1	12773.85	12792.77	12750.82	12772.48	0.16	ppb
Calcium	44-1	12841.60	12800.86	12698.10	12780.18	0.58	ppb
Chromium	52-2	128.35	129.27	127.68	128.44	0.62	ppb
Cobalt	59-2	131.68	131.25	130.33	131.09	0.52	ppb
Copper	63-2	260.99	262.54	259.89	261.14	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				89		%
Indium	115-1				90		%
Indium	115-2				93		%
Iron	56-2	6657.67	6627.28	6619.29	6634.74	0.31	ppb
Iron	57-2	6664.77	6573.99	6659.68	6632.81	0.77	ppb
Krypton	83-1						cps
Lead	206-1	121.66	121.32	123.17	122.05	0.81	ppb
Lead	207-1	121.76	122.06	122.87	122.23	0.47	ppb
Lead	208-1	122.06	122.25	123.38	122.57	0.58	ppb
Lithium	6-1				96		%
Magnesium	24-2	13204.46	13201.89	13152.17	13186.18	0.22	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:05:11	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	255.84	256.29	255.28	255.80	0.20	ppb
Molybdenum	94-1	633.05	625.90	626.38	628.44	0.64	ppb
Molybdenum	95-1	630.20	632.43	630.30	630.98	0.20	ppb
Molybdenum	96-1	630.13	632.21	623.15	628.50	0.75	ppb
Molybdenum	97-1	630.85	634.99	627.24	631.03	0.61	ppb
Molybdenum	98-1	626.65	630.21	627.02	627.96	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.00	133.88	132.12	133.00	0.66	ppb
Phosphorus	31-2	2554.48	2423.96	2634.10	2537.52	4.18	ppb
Potassium	39-2	6320.70	6344.71	6301.34	6322.25	0.34	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	77-2	129.52	133.54	122.62	128.56	4.29	ppb
Selenium	78-2	132.27	127.21	125.56	128.35	2.73	ppb
Selenium	82-1	130.20	130.34	132.88	131.14	1.15	ppb
Silicon	28-1	125.25	127.97	130.23	127.81	1.95	ppb
Silver	109-1	128.90	129.27	128.14	128.77	0.45	ppb
Silver	107-1	128.02	128.81	127.84	128.22	0.40	ppb
Sodium	23-2	12926.46	12874.69	12755.67	12852.27	0.68	ppb
Strontium	86-1	126.55	126.59	127.87	127.00	0.59	ppb
Strontium	88-1	126.27	124.94	126.14	125.78	0.58	ppb
Sulfur	34-1	2502.73	2467.09	2433.02	2467.61	1.41	ppb
Terbium	159-1				91		%
Terbium	159-2				90		%
Thallium	203-1	122.65	121.03	121.67	121.78	0.67	ppb
Thallium	205-1	122.10	121.48	122.75	122.11	0.52	ppb
Thorium	232-1	118.45	119.12	117.93	118.50	0.50	ppb
Tin	118-1	129.08	129.92	128.22	129.07	0.66	ppb
Titanium	47-1	631.92	625.81	627.68	628.47	0.50	ppb
Uranium	238-1	119.01	121.10	119.20	119.77	0.97	ppb
Vanadium	51-2	125.77	127.38	126.93	126.70	0.66	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:05:11	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	257.43	257.44	253.26	256.04	0.94	ppb
Zirconium	90-1	125.36	125.97	126.60	125.98	0.49	ppb
Zirconium	91-1	128.20	128.19	127.39	127.93	0.36	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:09:02	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4984.29	4912.47	4980.31	4959.02	0.81	ppb
Antimony	121-1	253.60	252.77	249.92	252.10	0.77	ppb
Arsenic	75-2	255.17	254.61	254.78	254.85	0.11	ppb
Barium	135-1	1266.29	1273.60	1253.31	1264.40	0.81	ppb
Barium	137-1	1257.51	1264.64	1249.03	1257.06	0.62	ppb
Beryllium	9-1	256.52	256.80	252.33	255.22	0.98	ppb
Bismuth	209-1				87		%
Bismuth	209-2				93		%
Boron	10-1	243.11	245.86	247.37	245.44	0.88	ppb
Boron	11-1	243.18	245.58	249.79	246.19	1.36	ppb
Cadmium	111-1	249.57	248.79	246.31	248.22	0.69	ppb
Cadmium	106-1	253.99	250.82	245.50	250.10	1.71	ppb
Cadmium	108-1	246.18	250.23	247.10	247.84	0.86	ppb
Calcium	43-1	25535.99	25394.42	25081.73	25337.38	0.92	ppb
Calcium	44-1	25532.51	25600.86	25460.88	25531.42	0.27	ppb
Chromium	52-2	252.70	252.57	253.02	252.76	0.09	ppb
Cobalt	59-2	256.25	256.90	258.83	257.33	0.52	ppb
Copper	63-2	504.01	508.12	515.43	509.19	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				89		%
Indium	115-1				88		%
Indium	115-2				90		%
Iron	56-2	13124.78	13120.56	13157.78	13134.37	0.16	ppb
Iron	57-2	13093.27	13079.29	13289.60	13154.05	0.89	ppb
Krypton	83-1						cps
Lead	206-1	245.21	244.97	244.52	244.90	0.14	ppb
Lead	207-1	245.63	243.81	244.11	244.52	0.40	ppb
Lead	208-1	245.93	245.21	244.77	245.30	0.24	ppb
Lithium	6-1				92		%
Magnesium	24-2	26237.84	26100.72	26394.48	26244.35	0.56	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:09:02	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	505.48	504.96	507.57	506.00	0.27	ppb
Molybdenum	94-1	1246.38	1248.09	1260.33	1251.60	0.61	ppb
Molybdenum	95-1	1241.77	1250.83	1267.26	1253.29	1.03	ppb
Molybdenum	96-1	1233.97	1251.48	1261.68	1249.04	1.12	ppb
Molybdenum	97-1	1238.01	1238.11	1252.78	1242.97	0.68	ppb
Molybdenum	98-1	1249.64	1249.17	1264.72	1254.51	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	256.75	258.18	262.61	259.18	1.18	ppb
Phosphorus	31-2	5003.55	5045.83	4874.24	4974.54	1.80	ppb
Potassium	39-2	12425.20	12453.14	12608.18	12495.50	0.79	ppb
Rhodium	103-1				86		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	77-2	276.41	255.17	244.47	258.68	6.29	ppb
Selenium	78-2	259.57	261.89	264.41	261.96	0.92	ppb
Selenium	82-1	259.69	264.21	261.69	261.86	0.86	ppb
Silicon	28-1	260.53	264.62	264.32	263.16	0.87	ppb
Silver	109-1	250.12	251.86	246.07	249.35	1.19	ppb
Silver	107-1	247.21	248.59	246.15	247.32	0.49	ppb
Sodium	23-2	25407.21	25458.39	25729.91	25531.84	0.68	ppb
Strontium	86-1	252.70	250.60	255.25	252.85	0.92	ppb
Strontium	88-1	249.87	247.97	249.62	249.16	0.42	ppb
Sulfur	34-1	4990.93	4986.52	4975.06	4984.17	0.16	ppb
Terbium	159-1				91		%
Terbium	159-2				90		%
Thallium	203-1	246.74	244.37	243.36	244.82	0.71	ppb
Thallium	205-1	247.19	246.47	246.83	246.83	0.15	ppb
Thorium	232-1	243.98	241.06	242.29	242.44	0.60	ppb
Tin	118-1	255.40	252.75	251.72	253.29	0.75	ppb
Titanium	47-1	1251.58	1256.83	1242.37	1250.26	0.59	ppb
Uranium	238-1	244.60	242.08	239.51	242.06	1.05	ppb
Vanadium	51-2	249.62	250.56	250.60	250.26	0.22	ppb
Yttrium	89-1				90		%
Yttrium	89-2				92		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:09:02	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	498.00	500.38	503.52	500.63	0.55	ppb
Zirconium	90-1	249.48	249.30	250.31	249.70	0.22	ppb
Zirconium	91-1	252.19	252.30	254.66	253.05	0.55	ppb

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 15:12:52 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10075.63	10103.03	10012.69	10063.78	0.46	ppb
Antimony	121-1	498.28	497.58	500.74	498.87	0.33	ppb
Arsenic	75-2	510.37	513.28	507.74	510.46	0.54	ppb
Barium	135-1	2532.73	2481.78	2498.60	2504.37	1.04	ppb
Barium	137-1	2545.02	2523.36	2515.57	2527.98	0.60	ppb
Beryllium	9-1	504.54	512.76	514.79	510.70	1.06	ppb
Bismuth	209-1				86		%
Bismuth	209-2				91		%
Boron	10-1	482.56	505.63	506.26	498.15	2.71	ppb
Boron	11-1	485.40	502.06	499.53	495.66	1.81	ppb
Cadmium	111-1	487.83	483.00	489.54	486.79	0.70	ppb
Cadmium	106-1	486.40	486.47	487.37	486.75	0.11	ppb
Cadmium	108-1	491.16	484.41	485.86	487.15	0.73	ppb
Calcium	43-1	50751.85	50591.87	51516.70	50953.47	0.97	ppb
Calcium	44-1	51004.14	50974.55	51474.73	51151.14	0.55	ppb
Chromium	52-2	506.83	505.61	505.06	505.83	0.18	ppb
Cobalt	59-2	508.84	510.22	514.29	511.12	0.56	ppb
Copper	63-2	1006.80	1002.70	1002.43	1003.98	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				88		%
Indium	115-1				86		%
Indium	115-2				87		%
Iron	56-2	26025.78	26093.83	26223.56	26114.39	0.38	ppb
Iron	57-2	26073.65	26208.79	26336.99	26206.48	0.50	ppb
Krypton	83-1						cps
Lead	206-1	491.62	487.25	494.30	491.06	0.73	ppb
Lead	207-1	494.95	486.44	492.79	491.39	0.90	ppb
Lead	208-1	496.94	492.68	495.54	495.05	0.44	ppb
Lithium	6-1				90		%
Magnesium	24-2	52561.73	52736.42	52715.91	52671.35	0.18	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:12:52	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1013.48	1014.65	1012.62	1013.59	0.10	ppb
Molybdenum	94-1	2536.73	2524.59	2536.95	2532.76	0.28	ppb
Molybdenum	95-1	2548.51	2516.61	2539.73	2534.95	0.65	ppb
Molybdenum	96-1	2537.60	2532.66	2540.18	2536.81	0.15	ppb
Molybdenum	97-1	2542.66	2521.74	2536.46	2533.62	0.42	ppb
Molybdenum	98-1	2544.69	2516.02	2533.55	2531.42	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.12	511.17	512.48	511.92	0.13	ppb
Phosphorus	31-2	10036.96	9995.62	10128.21	10053.60	0.67	ppb
Potassium	39-2	25496.15	25276.25	25543.39	25438.60	0.56	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	77-2	516.96	479.15	511.05	502.39	4.05	ppb
Selenium	78-2	523.75	514.70	496.38	511.61	2.73	ppb
Selenium	82-1	521.53	517.68	520.03	519.75	0.37	ppb
Silicon	28-1	528.82	537.61	541.18	535.87	1.19	ppb
Silver	109-1	492.35	490.56	480.81	487.91	1.27	ppb
Silver	107-1	491.40	488.44	490.88	490.24	0.32	ppb
Sodium	23-2	51826.47	51674.89	51718.42	51739.93	0.15	ppb
Strontium	86-1	512.68	511.82	508.41	510.97	0.44	ppb
Strontium	88-1	506.51	506.95	506.49	506.65	0.05	ppb
Sulfur	34-1	9869.50	9897.81	10033.63	9933.65	0.88	ppb
Terbium	159-1				90		%
Terbium	159-2				88		%
Thallium	203-1	504.20	499.94	501.85	502.00	0.43	ppb
Thallium	205-1	502.50	499.47	504.21	502.06	0.48	ppb
Thorium	232-1	493.60	490.93	501.75	495.43	1.14	ppb
Tin	118-1	499.27	494.21	500.80	498.09	0.69	ppb
Titanium	47-1	2498.74	2490.05	2502.90	2497.23	0.26	ppb
Uranium	238-1	497.42	493.54	499.96	496.98	0.65	ppb
Vanadium	51-2	502.32	506.00	506.29	504.87	0.44	ppb
Yttrium	89-1				88		%
Yttrium	89-2				90		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:12:52	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	999.07	993.66	994.56	995.76	0.29	ppb
Zirconium	90-1	506.75	506.42	505.95	506.38	0.08	ppb
Zirconium	91-1	508.23	505.36	505.83	506.47	0.30	ppb

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 15:16:39 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19524.09	19741.34	19985.56	19750.33	1.17	ppb
Antimony	121-1	1004.96	1002.94	990.97	999.63	0.76	ppb
Arsenic	75-2	993.18	991.34	994.09	992.87	0.14	ppb
Barium	135-1	5010.82	5006.22	4957.99	4991.68	0.59	ppb
Barium	137-1	5001.29	4984.35	4960.09	4981.91	0.42	ppb
Beryllium	9-1	994.49	985.81	998.09	992.80	0.64	ppb
Bismuth	209-1				83		%
Bismuth	209-2				86		%
Boron	10-1	983.35	999.07	1024.30	1002.24	2.06	ppb
Boron	11-1	989.69	999.80	1021.03	1003.50	1.59	ppb
Cadmium	111-1	1010.38	1005.48	1004.36	1006.74	0.32	ppb
Cadmium	106-1	1017.12	1008.55	992.22	1005.96	1.26	ppb
Cadmium	108-1	1013.87	1000.07	1006.01	1006.65	0.69	ppb
Calcium	43-1	101008.04	99209.07	100276.90	100164.67	0.90	ppb
Calcium	44-1	101435.97	100308.76	101000.50	100915.08	0.56	ppb
Chromium	52-2	986.24	1000.36	1001.06	995.89	0.84	ppb
Cobalt	59-2	983.91	993.12	998.07	991.70	0.72	ppb
Copper	63-2	1963.94	1993.93	2024.31	1994.06	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				85		%
Indium	115-1				82		%
Indium	115-2				83		%
Iron	56-2	50859.81	51639.83	51787.67	51429.10	0.97	ppb
Iron	57-2	50583.01	51704.06	52009.43	51432.17	1.46	ppb
Krypton	83-1						cps
Lead	206-1	1010.82	994.55	1013.09	1006.15	1.01	ppb
Lead	207-1	1007.62	997.00	1013.58	1006.07	0.83	ppb
Lead	208-1	1008.95	994.56	1008.47	1003.99	0.81	ppb
Lithium	6-1				86		%
Magnesium	24-2	103045.01	103645.19	104599.82	103763.34	0.76	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:16:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1967.46	2003.02	2002.06	1990.85	1.02	ppb
Molybdenum	94-1	4982.42	4938.10	5027.59	4982.70	0.90	ppb
Molybdenum	95-1	4980.31	4958.75	5003.64	4980.90	0.45	ppb
Molybdenum	96-1	5000.38	4957.61	4985.94	4981.31	0.44	ppb
Molybdenum	97-1	4991.36	4962.87	4998.17	4984.13	0.38	ppb
Molybdenum	98-1	4991.50	4953.04	5003.76	4982.77	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	979.08	986.68	1005.88	990.55	1.39	ppb
Phosphorus	31-2	20091.61	20104.12	19723.65	19973.13	1.08	ppb
Potassium	39-2	49032.35	49787.87	49765.44	49528.55	0.87	ppb
Rhodium	103-1				80		%
Rhodium	103-2				82		%
Scandium	45-1				86		%
Scandium	45-2				87		%
Selenium	77-2	1008.72	970.26	1008.79	995.93	2.23	ppb
Selenium	78-2	1009.49	989.01	973.20	990.56	1.84	ppb
Selenium	82-1	986.41	985.14	987.21	986.25	0.11	ppb
Silicon	28-1	970.68	976.07	988.70	978.48	0.95	ppb
Silver	109-1	1006.57	1007.68	1002.56	1005.60	0.27	ppb
Silver	107-1	1009.39	997.74	1007.98	1005.04	0.63	ppb
Sodium	23-2	100670.76	101610.93	102441.63	101574.44	0.87	ppb
Strontium	86-1	991.45	990.06	998.97	993.50	0.48	ppb
Strontium	88-1	1000.25	993.06	997.04	996.78	0.36	ppb
Sulfur	34-1	20241.37	19863.08	20008.10	20037.52	0.95	ppb
Terbium	159-1				89		%
Terbium	159-2				85		%
Thallium	203-1	1008.00	992.73	1001.55	1000.76	0.77	ppb
Thallium	205-1	1003.79	995.71	1000.99	1000.16	0.41	ppb
Thorium	232-1	999.31	1006.77	1009.38	1005.16	0.52	ppb
Tin	118-1	1003.18	1001.65	993.76	999.53	0.51	ppb
Titanium	47-1	5020.56	4977.97	5004.01	5000.85	0.43	ppb
Uranium	238-1	998.05	1000.26	1014.55	1004.29	0.89	ppb
Vanadium	51-2	989.45	1000.71	1001.63	997.26	0.68	ppb
Yttrium	89-1				86		%
Yttrium	89-2				87		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:16:39	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1969.34	2013.14	2020.71	2001.07	1.39	ppb
Zirconium	90-1	998.07	991.68	1000.53	996.76	0.46	ppb
Zirconium	91-1	997.41	987.11	1002.23	995.59	0.78	ppb

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 15:20:25 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99914.54	100820.11	99398.21	100044.29	0.72	ppb
Antimony	121-1	1.39	1.53	1.52	1.48	5.16	ppb
Arsenic	75-2	1.19	1.46	1.42	1.35	10.87	ppb
Barium	135-1	0.68	0.66	0.65	0.66	1.66	ppb
Barium	137-1	0.75	0.74	0.65	0.72	7.39	ppb
Beryllium	9-1	0.14	0.13	0.10	0.13	19.19	ppb
Bismuth	209-1				72		%
Bismuth	209-2				75		%
Boron	10-1	56.76	51.69	49.45	52.63	7.11	ppb
Boron	11-1	56.25	52.27	48.84	52.45	7.07	ppb
Cadmium	111-1	0.32	0.19	0.26	0.26	24.25	ppb
Cadmium	106-1	2.17	0.88	2.18	1.75	42.71	ppb
Cadmium	108-1	0.29	0.13	0.31	0.25	41.28	ppb
Calcium	43-1	500457.64	501135.50	497948.38	499847.17	0.34	ppb
Calcium	44-1	498406.25	501437.85	499158.53	499667.54	0.32	ppb
Chromium	52-2	31.89	32.02	31.80	31.90	0.35	ppb
Cobalt	59-2	11.91	12.12	11.89	11.97	1.05	ppb
Copper	63-2	3.40	3.34	3.26	3.33	2.15	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				84		%
Holmium	165-2				82		%
Indium	115-1				79		%
Indium	115-2				83		%
Iron	56-2	248979.49	252413.04	247287.24	249559.93	1.05	ppb
Iron	57-2	248296.26	251027.44	249323.22	249548.97	0.55	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.93	0.90	0.92	1.84	ppb
Lead	207-1	0.94	0.91	0.94	0.93	2.05	ppb
Lead	208-1	0.91	0.91	0.88	0.90	1.96	ppb
Lithium	6-1				83		%
Magnesium	24-2	500973.94	501651.75	494068.33	498898.01	0.84	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:20:25	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.02	6.73	6.77	6.84	2.27	ppb
Molybdenum	94-1	3.83	3.64	3.67	3.71	2.81	ppb
Molybdenum	95-1	5.20	5.03	4.74	4.99	4.66	ppb
Molybdenum	96-1	4.99	4.83	4.79	4.87	2.20	ppb
Molybdenum	97-1	4.92	5.14	4.93	5.00	2.53	ppb
Molybdenum	98-1	4.95	4.92	4.79	4.88	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	28.76	28.82	28.83	28.80	0.13	ppb
Phosphorus	31-2	-28.76	-12.31	-34.44	-25.17		ppb
Potassium	39-2	248347.56	252192.84	249605.32	250048.57	0.78	ppb
Rhodium	103-1				72		%
Rhodium	103-2				77		%
Scandium	45-1				84		%
Scandium	45-2				90		%
Selenium	77-2	0.61	0.61	0.00	0.41	86.60	ppb
Selenium	78-2	0.61	0.61	1.38	0.87	50.77	ppb
Selenium	82-1	-0.28	-0.45	0.74	0.00	36787.41	ppb
Silicon	28-1	48.06	48.23	47.02	47.77	1.37	ppb
Silver	109-1	0.16	0.14	0.16	0.15	7.64	ppb
Silver	107-1	0.16	0.15	0.15	0.15	5.85	ppb
Sodium	23-2	497780.51	504485.12	496158.07	499474.57	0.88	ppb
Strontium	86-1	3.88	4.04	4.24	4.06	4.42	ppb
Strontium	88-1	4.09	4.07	4.11	4.09	0.41	ppb
Sulfur	34-1	468.82	563.83	651.56	561.40	16.28	ppb
Terbium	159-1				84		%
Terbium	159-2				82		%
Thallium	203-1	0.30	0.32	0.28	0.30	5.67	ppb
Thallium	205-1	0.31	0.30	0.26	0.29	8.79	ppb
Thorium	232-1	0.19	0.18	0.17	0.18	7.02	ppb
Tin	118-1	0.39	0.37	0.41	0.39	5.74	ppb
Titanium	47-1	1.44	1.16	1.32	1.31	10.68	ppb
Uranium	238-1	0.12	0.10	0.08	0.10	16.97	ppb
Vanadium	51-2	0.26	0.31	0.28	0.28	9.95	ppb
Yttrium	89-1				84		%
Yttrium	89-2				88		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:20:25	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	20.28	21.86	21.10	21.08	3.74	ppb
Zirconium	90-1	0.26	0.23	0.24	0.24	6.73	ppb
Zirconium	91-1	0.23	0.26	0.18	0.22	18.18	ppb

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 15:32:14 DataFile Name : 010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	476.08	467.65	473.79	472.51	0.92	ppb
Antimony	121-1	198.14	199.72	197.75	198.54	0.53	ppb
Arsenic	75-2	203.65	202.77	204.22	203.55	0.36	ppb
Barium	135-1	101.20	103.06	101.97	102.08	0.92	ppb
Barium	137-1	100.71	102.02	101.58	101.44	0.66	ppb
Beryllium	9-1	97.78	97.13	96.24	97.05	0.80	ppb
Bismuth	209-1				90		%
Bismuth	209-2				95		%
Boron	10-1	488.75	506.70	500.46	498.64	1.83	ppb
Boron	11-1	479.52	499.18	496.57	491.76	2.17	ppb
Cadmium	111-1	106.03	106.66	106.59	106.43	0.33	ppb
Cadmium	106-1	198.88	202.05	199.95	200.29	0.81	ppb
Cadmium	108-1	174.60	177.13	178.42	176.72	1.10	ppb
Calcium	43-1	2211.68	2170.73	2147.31	2176.58	1.50	ppb
Calcium	44-1	2096.35	2088.29	2080.79	2088.48	0.37	ppb
Chromium	52-2	98.29	97.38	97.16	97.61	0.61	ppb
Cobalt	59-2	101.92	101.92	100.56	101.47	0.78	ppb
Copper	63-2	101.64	101.27	100.53	101.15	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				90		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	56-2	1047.68	1042.04	1032.19	1040.63	0.75	ppb
Iron	57-2	1044.98	1048.06	1045.74	1046.26	0.15	ppb
Krypton	83-1						cps
Lead	206-1	189.80	190.72	190.31	190.28	0.24	ppb
Lead	207-1	188.33	189.07	188.62	188.67	0.20	ppb
Lead	208-1	188.60	189.66	188.82	189.03	0.30	ppb
Lithium	6-1				97		%
Magnesium	24-2	1272.21	1249.41	1243.06	1254.89	1.22	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:32:14	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.47	96.49	96.86	96.94	0.51	ppb
Molybdenum	94-1	2330.36	2341.58	2339.99	2337.31	0.26	ppb
Molybdenum	95-1	2324.62	2323.13	2331.85	2326.53	0.20	ppb
Molybdenum	96-1	2320.67	2324.20	2328.88	2324.58	0.18	ppb
Molybdenum	97-1	2316.72	2315.12	2346.06	2325.97	0.75	ppb
Molybdenum	98-1	2290.34	2298.20	2330.26	2306.26	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.11	103.86	103.60	103.86	0.25	ppb
Phosphorus	31-2	-17.35	-32.36	-12.66	-20.79		ppb
Potassium	39-2	1980.58	2009.99	1957.40	1982.65	1.33	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	222.06	227.28	195.66	215.00	7.88	ppb
Selenium	78-2	213.45	204.98	213.35	210.59	2.31	ppb
Selenium	82-1	206.70	207.74	207.94	207.46	0.32	ppb
Silicon	28-1	7.70	8.77	9.56	8.68	10.78	ppb
Silver	109-1	94.05	95.41	93.92	94.46	0.87	ppb
Silver	107-1	94.81	95.21	94.35	94.79	0.46	ppb
Sodium	23-2	2079.64	2057.81	2045.82	2061.09	0.83	ppb
Strontium	86-1	477.44	477.47	484.38	479.76	0.83	ppb
Strontium	88-1	476.43	478.51	482.56	479.16	0.65	ppb
Sulfur	34-1	-38.53	-97.39	-239.38	-125.10		ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	192.05	189.98	190.90	190.98	0.54	ppb
Thallium	205-1	193.39	194.54	194.34	194.09	0.32	ppb
Thorium	232-1	235.33	231.54	234.19	233.69	0.83	ppb
Tin	118-1	468.20	472.72	472.79	471.24	0.56	ppb
Titanium	47-1	2524.11	2521.16	2517.02	2520.76	0.14	ppb
Uranium	238-1	487.13	486.37	491.33	488.28	0.55	ppb
Vanadium	51-2	95.55	96.40	95.51	95.82	0.52	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:32:14	DataFile Name :	010ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	202.68	202.80	201.67	202.38	0.31	ppb
Zirconium	90-1	477.74	480.49	477.15	478.46	0.37	ppb
Zirconium	91-1	479.85	478.99	477.48	478.77	0.25	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:47:24	DataFile Name :	011LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.70	21.98	21.23	20.97	5.55	ppb
Antimony	121-1	2.15	2.03	2.07	2.08	2.99	ppb
Arsenic	75-2	1.01	1.15	1.02	1.06	7.09	ppb
Barium	135-1	10.44	10.61	10.67	10.57	1.13	ppb
Barium	137-1	10.28	10.57	10.34	10.39	1.48	ppb
Beryllium	9-1	1.09	1.04	0.99	1.04	4.81	ppb
Bismuth	209-1				91		%
Bismuth	209-2				100		%
Boron	10-1	28.19	31.48	29.65	29.77	5.53	ppb
Boron	11-1	29.07	30.09	29.76	29.64	1.74	ppb
Cadmium	111-1	1.17	1.10	1.10	1.12	3.52	ppb
Cadmium	106-1	1.50	1.53	1.64	1.56	4.86	ppb
Cadmium	108-1	0.93	1.00	1.12	1.02	9.22	ppb
Calcium	43-1	478.78	500.10	496.14	491.67	2.31	ppb
Calcium	44-1	507.54	508.46	505.31	507.11	0.32	ppb
Chromium	52-2	2.04	2.08	2.07	2.06	1.01	ppb
Cobalt	59-2	1.06	0.97	1.00	1.01	4.58	ppb
Copper	63-2	2.08	2.02	2.09	2.06	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	56-2	57.22	56.71	57.57	57.17	0.76	ppb
Iron	57-2	66.69	54.49	56.27	59.15	11.14	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.95	1.02	1.00	3.95	ppb
Lead	207-1	1.02	1.03	1.02	1.02	0.48	ppb
Lead	208-1	0.99	1.00	0.97	0.99	1.15	ppb
Lithium	6-1				102		%
Magnesium	24-2	553.92	552.74	543.73	550.13	1.01	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:47:24	DataFile Name :	011LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.13	1.14	1.10	1.12	2.01	ppb
Molybdenum	94-1	5.09	4.89	4.99	4.99	2.03	ppb
Molybdenum	95-1	4.87	4.96	4.87	4.90	1.06	ppb
Molybdenum	96-1	4.82	4.97	4.95	4.92	1.61	ppb
Molybdenum	97-1	4.76	5.03	4.82	4.87	2.94	ppb
Molybdenum	98-1	4.80	5.01	4.85	4.89	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.19	1.12	1.14	3.51	ppb
Phosphorus	31-2	29.79	11.01	40.93	27.24	55.50	ppb
Potassium	39-2	512.19	522.50	520.77	518.49	1.06	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	4.21	5.84	4.72	4.92	16.94	ppb
Selenium	78-2	4.88	6.14	6.66	5.90	15.47	ppb
Selenium	82-1	5.10	4.72	4.99	4.94	3.93	ppb
Silicon	28-1	6.68	7.53	7.19	7.13	5.96	ppb
Silver	109-1	0.81	0.86	0.79	0.82	4.11	ppb
Silver	107-1	0.85	0.82	0.78	0.82	4.19	ppb
Sodium	23-2	530.71	521.97	520.72	524.47	1.04	ppb
Strontium	86-1	0.99	1.14	1.12	1.09	7.55	ppb
Strontium	88-1	1.00	1.02	1.03	1.02	1.57	ppb
Sulfur	34-1	637.51	625.35	640.42	634.42	1.26	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	1.03	0.95	1.00	1.00	4.04	ppb
Thallium	205-1	1.01	0.96	0.98	0.99	2.46	ppb
Thorium	232-1	0.89	0.90	0.89	0.89	0.49	ppb
Tin	118-1	5.49	5.56	5.41	5.49	1.41	ppb
Titanium	47-1	5.33	4.99	4.93	5.09	4.26	ppb
Uranium	238-1	0.91	0.89	0.91	0.90	0.92	ppb
Vanadium	51-2	5.16	5.33	5.25	5.25	1.63	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:47:24	DataFile Name :	011LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.33	1.80	1.87	2.00	14.41	ppb
Zirconium	90-1	0.99	0.94	0.97	0.97	2.75	ppb
Zirconium	91-1	0.97	0.91	0.96	0.94	3.22	ppb

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 15:51:01 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	-0.29	-0.18	-0.14		ppb
Antimony	121-1	0.01	0.00	0.01	0.01	85.19	ppb
Arsenic	75-2	-0.01	-0.01	0.01	0.00		ppb
Barium	135-1	-0.02	0.01	0.00	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	29.18	ppb
Bismuth	209-1				92		%
Bismuth	209-2				99		%
Boron	10-1	5.28	4.57	4.58	4.81	8.50	ppb
Boron	11-1	5.92	5.44	5.24	5.53	6.29	ppb
Cadmium	111-1	0.03	0.15	0.08	0.08	75.88	ppb
Cadmium	106-1	0.18	1.72	0.95	0.95	81.04	ppb
Cadmium	108-1	0.00	0.00	0.07	0.03	157.38	ppb
Calcium	43-1	-0.08	-0.15	1.72	0.50	212.97	ppb
Calcium	44-1	2.88	2.38	2.24	2.50	13.51	ppb
Chromium	52-2	0.02	-0.01	0.02	0.01	236.99	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.00	-0.01	0.01	0.00	2070.93	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				93		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	56-2	0.04	0.03	-0.01	0.02	108.11	ppb
Iron	57-2	0.76	-0.15	0.18	0.26	174.93	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.03	0.03	25.10	ppb
Lead	207-1	0.04	0.02	0.04	0.03	25.31	ppb
Lead	208-1	0.02	0.02	0.02	0.02	4.36	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.02	0.47	0.51	0.33	81.15	ppb

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 15:51:01 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	0.02	0.00	312.50	ppb
Molybdenum	94-1	0.08	0.06	0.04	0.06	33.86	ppb
Molybdenum	95-1	0.02	0.04	0.03	0.03	27.93	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	46.95	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	24.81	ppb
Molybdenum	98-1	0.03	0.03	0.01	0.02	42.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-21.24	-19.36	-26.33	-22.31		ppb
Potassium	39-2	11.72	12.95	14.15	12.94	9.39	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.20	0.45	0.36	0.33	38.41	ppb
Selenium	82-1	-0.31	0.13	-0.75	-0.31		ppb
Silicon	28-1	0.64	0.63	0.29	0.52	38.87	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.01	0.00	0.00	79.17	ppb
Sodium	23-2	12.09	10.15	11.81	11.35	9.24	ppb
Strontium	86-1	0.08	0.08	0.12	0.09	23.48	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	307.41	ppb
Sulfur	34-1	872.72	623.14	637.53	711.13	19.70	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.02	0.02	0.02	23.13	ppb
Thallium	205-1	0.02	0.03	0.01	0.02	38.49	ppb
Thorium	232-1	0.01	0.01	0.02	0.02	27.58	ppb
Tin	118-1	0.02	0.01	0.02	0.02	7.17	ppb
Titanium	47-1	0.02	0.01	0.03	0.02	52.02	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	58.75	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:51:01	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.17	-0.17	-0.29	-0.21		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	17.89	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	69.60	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:54:38	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90109.26	91725.35	90762.59	90865.73	0.89	ppb
Antimony	121-1	1.20	1.10	1.16	1.15	4.38	ppb
Arsenic	75-2	0.45	0.36	0.35	0.39	14.35	ppb
Barium	135-1	1.62	1.63	1.65	1.63	0.73	ppb
Barium	137-1	1.55	1.64	1.49	1.56	4.82	ppb
Beryllium	9-1	0.30	0.29	0.28	0.29	4.82	ppb
Bismuth	209-1				81		%
Bismuth	209-2				89		%
Boron	10-1	4.23	4.68	4.64	4.52	5.56	ppb
Boron	11-1	5.47	4.47	4.80	4.91	10.41	ppb
Cadmium	111-1	1.01	0.76	0.79	0.85	15.85	ppb
Cadmium	106-1	1.75	-1.12	-0.94	-0.11		ppb
Cadmium	108-1	25.90	25.00	23.25	24.71	5.46	ppb
Calcium	43-1	103271.42	100432.52	99189.64	100964.53	2.07	ppb
Calcium	44-1	103943.79	100807.03	100182.31	101644.38	1.98	ppb
Chromium	52-2	21.15	22.02	21.65	21.61	2.02	ppb
Cobalt	59-2	1.24	1.19	1.23	1.22	2.32	ppb
Copper	63-2	7.44	7.76	7.69	7.63	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				90		%
Indium	115-1				88		%
Indium	115-2				93		%
Iron	56-2	101367.94	103131.96	101830.89	102110.26	0.90	ppb
Iron	57-2	101082.05	101822.98	100637.64	101180.89	0.59	ppb
Krypton	83-1						cps
Lead	206-1	5.09	4.83	4.86	4.93	2.91	ppb
Lead	207-1	4.60	4.41	4.34	4.45	2.96	ppb
Lead	208-1	4.77	4.53	4.52	4.61	3.00	ppb
Lithium	6-1				92		%
Magnesium	24-2	102711.95	104233.93	102899.48	103281.79	0.80	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:54:38	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.56	8.95	8.76	8.76	2.26	ppb
Molybdenum	94-1	1351.53	1315.22	1301.19	1322.64	1.96	ppb
Molybdenum	95-1	1899.89	1864.98	1850.34	1871.74	1.36	ppb
Molybdenum	96-1	1840.75	1794.95	1785.17	1806.95	1.64	ppb
Molybdenum	97-1	1897.79	1868.23	1843.97	1870.00	1.44	ppb
Molybdenum	98-1	1901.24	1862.51	1842.84	1868.86	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.62	6.27	6.48	6.46	2.70	ppb
Phosphorus	31-2	97750.66	100510.35	100006.54	99422.52	1.48	ppb
Potassium	39-2	98896.20	100474.51	100116.84	99829.18	0.83	ppb
Rhodium	103-1				84		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.56	0.00	0.19	173.21	ppb
Selenium	78-2	0.24	0.78	0.59	0.53	50.93	ppb
Selenium	82-1	-0.55	-0.12	-0.92	-0.53		ppb
Silicon	28-1	22.22	20.77	20.62	21.21	4.17	ppb
Silver	109-1	0.04	0.04	0.03	0.04	4.89	ppb
Silver	107-1	0.05	0.03	0.04	0.04	26.36	ppb
Sodium	23-2	101164.41	102632.26	102129.13	101975.27	0.73	ppb
Strontium	86-1	35.95	35.33	35.06	35.45	1.29	ppb
Strontium	88-1	35.92	35.30	34.36	35.19	2.24	ppb
Sulfur	34-1	82865.11	79689.59	79066.67	80540.46	2.53	ppb
Terbium	159-1				91		%
Terbium	159-2				91		%
Thallium	203-1	0.11	0.11	0.13	0.12	8.21	ppb
Thallium	205-1	0.11	0.12	0.13	0.12	6.69	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	8.11	ppb
Tin	118-1	0.21	0.22	0.21	0.21	2.67	ppb
Titanium	47-1	2156.27	2073.37	2048.44	2092.69	2.70	ppb
Uranium	238-1	0.05	0.04	0.05	0.05	13.25	ppb
Vanadium	51-2	0.16	0.19	0.19	0.18	8.15	ppb
Yttrium	89-1				92		%
Yttrium	89-2				97		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:54:38	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.81	11.00	11.55	11.45	3.61	ppb
Zirconium	90-1	0.06	0.06	0.08	0.07	21.98	ppb
Zirconium	91-1	0.10	0.04	0.07	0.07	38.00	ppb

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 15:58:16 DataFile Name : 014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89983.05	90375.42	89333.74	89897.40	0.59	ppb
Antimony	121-1	22.10	20.88	21.11	21.36	3.04	ppb
Arsenic	75-2	19.81	19.70	20.98	20.16	3.51	ppb
Barium	135-1	22.62	21.52	22.22	22.12	2.53	ppb
Barium	137-1	22.39	21.71	21.47	21.85	2.18	ppb
Beryllium	9-1	20.69	19.88	20.42	20.33	2.03	ppb
Bismuth	209-1				84		%
Bismuth	209-2				89		%
Boron	10-1	61.03	62.73	61.53	61.76	1.41	ppb
Boron	11-1	63.12	62.03	61.43	62.19	1.38	ppb
Cadmium	111-1	20.49	20.30	20.13	20.31	0.89	ppb
Cadmium	106-1	30.50	28.84	28.03	29.12	4.31	ppb
Cadmium	108-1	46.94	44.02	44.86	45.27	3.32	ppb
Calcium	43-1	102229.69	98775.23	97599.94	99534.96	2.42	ppb
Calcium	44-1	102285.91	99370.05	99364.12	100340.03	1.68	ppb
Chromium	52-2	40.80	41.28	39.71	40.60	1.97	ppb
Cobalt	59-2	20.98	20.95	20.96	20.96	0.08	ppb
Copper	63-2	27.02	26.91	26.93	26.95	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				91		%
Indium	115-2				94		%
Iron	56-2	100874.70	100380.32	99830.08	100361.70	0.52	ppb
Iron	57-2	100685.54	100556.79	99727.18	100323.17	0.52	ppb
Krypton	83-1						cps
Lead	206-1	26.07	25.27	24.87	25.40	2.41	ppb
Lead	207-1	24.79	23.90	23.47	24.05	2.79	ppb
Lead	208-1	25.11	24.43	24.09	24.54	2.12	ppb
Lithium	6-1				94		%
Magnesium	24-2	101946.55	101946.19	101543.35	101812.03	0.23	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:58:16	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.83	27.78	27.54	27.71	0.56	ppb
Molybdenum	94-1	1467.82	1419.74	1418.38	1435.31	1.96	ppb
Molybdenum	95-1	1948.88	1889.30	1887.67	1908.62	1.83	ppb
Molybdenum	96-1	1891.41	1821.50	1822.89	1845.27	2.17	ppb
Molybdenum	97-1	1943.48	1874.01	1869.07	1895.52	2.19	ppb
Molybdenum	98-1	1938.69	1877.45	1876.47	1897.54	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.39	26.03	25.62	26.02	1.48	ppb
Phosphorus	31-2	98302.50	99144.58	97122.72	98189.93	1.03	ppb
Potassium	39-2	99818.48	99138.77	98711.38	99222.88	0.56	ppb
Rhodium	103-1				87		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	19.97	22.89	24.74	22.54	10.67	ppb
Selenium	78-2	20.14	19.07	18.35	19.19	4.70	ppb
Selenium	82-1	20.12	18.62	19.80	19.51	4.04	ppb
Silicon	28-1	66.43	64.85	63.66	64.98	2.13	ppb
Silver	109-1	18.76	18.52	18.44	18.57	0.89	ppb
Silver	107-1	18.85	18.43	18.63	18.63	1.12	ppb
Sodium	23-2	100417.54	101276.08	99238.17	100310.60	1.02	ppb
Strontium	86-1	93.47	91.37	90.45	91.77	1.69	ppb
Strontium	88-1	92.22	89.34	88.94	90.16	1.99	ppb
Sulfur	34-1	80320.32	79272.43	76596.86	78729.87	2.44	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	20.93	20.51	20.11	20.51	2.00	ppb
Thallium	205-1	21.39	20.73	20.54	20.88	2.14	ppb
Thorium	232-1	0.69	0.68	0.68	0.68	0.51	ppb
Tin	118-1	57.25	55.14	55.96	56.12	1.90	ppb
Titanium	47-1	2159.05	2088.87	2057.39	2101.77	2.48	ppb
Uranium	238-1	55.89	54.86	54.39	55.04	1.39	ppb
Vanadium	51-2	19.72	19.95	19.58	19.75	0.93	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:58:16	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	30.69	30.53	30.56	30.59	0.27	ppb
Zirconium	90-1	57.78	55.91	55.44	56.38	2.20	ppb
Zirconium	91-1	58.51	56.01	57.31	57.28	2.18	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:02:14	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47599.87	49260.35	50041.84	48967.35	2.55	ppb
Antimony	121-1	478.54	472.45	467.54	472.84	1.17	ppb
Arsenic	75-2	502.28	516.13	525.09	514.50	2.23	ppb
Barium	135-1	2491.69	2481.56	2442.85	2472.03	1.04	ppb
Barium	137-1	2481.89	2473.16	2442.33	2465.80	0.84	ppb
Beryllium	9-1	481.39	480.34	481.46	481.06	0.13	ppb
Bismuth	209-1				82		%
Bismuth	209-2				86		%
Boron	10-1	485.47	486.35	491.87	487.90	0.71	ppb
Boron	11-1	478.07	485.12	487.98	483.73	1.05	ppb
Cadmium	111-1	520.36	515.61	507.33	514.43	1.28	ppb
Cadmium	106-1	520.45	514.14	508.31	514.30	1.18	ppb
Cadmium	108-1	512.15	511.68	505.27	509.70	0.75	ppb
Calcium	43-1	231958.99	234213.59	233440.15	233204.24	0.49	ppb
Calcium	44-1	234629.11	231885.48	232674.33	233062.97	0.61	ppb
Chromium	52-2	471.22	482.58	494.70	482.84	2.43	ppb
Cobalt	59-2	457.63	473.92	482.36	471.30	2.67	ppb
Copper	63-2	939.37	972.26	993.59	968.41	2.82	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				94		%
Holmium	165-2				91		%
Indium	115-1				89		%
Indium	115-2				92		%
Iron	56-2	116995.68	119532.25	120769.25	119099.06	1.62	ppb
Iron	57-2	116124.25	119297.88	122197.16	119206.43	2.55	ppb
Krypton	83-1						cps
Lead	206-1	480.54	479.03	484.85	481.47	0.63	ppb
Lead	207-1	484.73	479.33	484.89	482.98	0.66	ppb
Lead	208-1	490.73	485.87	489.77	488.79	0.53	ppb
Lithium	6-1				93		%
Magnesium	24-2	237075.45	240040.77	246509.20	241208.47	2.00	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:02:14	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	917.96	949.03	962.55	943.18	2.42	ppb
Molybdenum	94-1	2463.91	2427.68	2411.76	2434.45	1.10	ppb
Molybdenum	95-1	2449.24	2427.76	2412.73	2429.91	0.76	ppb
Molybdenum	96-1	2449.55	2423.82	2411.80	2428.39	0.79	ppb
Molybdenum	97-1	2458.44	2434.63	2408.38	2433.82	1.03	ppb
Molybdenum	98-1	2437.17	2415.79	2405.69	2419.55	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	459.79	471.64	481.96	471.13	2.35	ppb
Phosphorus	31-2	9282.61	9746.02	9487.90	9505.51	2.44	ppb
Potassium	39-2	118353.83	121109.97	123887.30	121117.03	2.28	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	479.01	501.77	515.68	498.82	3.71	ppb
Selenium	78-2	473.34	490.50	498.83	487.56	2.67	ppb
Selenium	82-1	484.63	482.57	475.87	481.02	0.95	ppb
Silicon	28-1	449.80	465.11	463.94	459.62	1.85	ppb
Silver	109-1	500.84	502.15	495.56	499.52	0.70	ppb
Silver	107-1	500.89	496.96	496.29	498.04	0.50	ppb
Sodium	23-2	235330.46	240213.24	246384.70	240642.80	2.30	ppb
Strontium	86-1	494.13	487.55	484.22	488.64	1.03	ppb
Strontium	88-1	491.30	485.82	483.22	486.78	0.85	ppb
Sulfur	34-1	9371.23	9418.59	9529.04	9439.62	0.86	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	483.59	483.18	479.03	481.93	0.52	ppb
Thallium	205-1	493.70	491.78	493.27	492.92	0.20	ppb
Thorium	232-1	509.69	504.83	502.41	505.64	0.73	ppb
Tin	118-1	486.60	484.57	476.21	482.46	1.14	ppb
Titanium	47-1	2385.23	2375.65	2392.13	2384.34	0.35	ppb
Uranium	238-1	503.91	498.54	501.66	501.37	0.54	ppb
Vanadium	51-2	472.68	479.87	492.78	481.78	2.11	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:02:14	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	947.97	979.56	995.29	974.27	2.47	ppb
Zirconium	90-1	492.39	486.66	487.00	488.68	0.66	ppb
Zirconium	91-1	493.72	486.48	485.94	488.71	0.89	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:16:25	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.45	22.65	24.43	22.85	6.55	ppb
Antimony	121-1	2.07	2.05	2.08	2.07	0.76	ppb
Arsenic	75-2	1.05	1.04	1.15	1.08	5.51	ppb
Barium	135-1	10.73	10.35	10.45	10.51	1.85	ppb
Barium	137-1	10.71	10.59	10.42	10.57	1.39	ppb
Beryllium	9-1	0.95	1.13	0.96	1.01	10.34	ppb
Bismuth	209-1				95		%
Bismuth	209-2				102		%
Boron	10-1	25.45	27.13	27.23	26.60	3.76	ppb
Boron	11-1	26.01	26.53	26.84	26.46	1.59	ppb
Cadmium	111-1	1.13	1.11	1.08	1.11	2.49	ppb
Cadmium	106-1	2.46	2.19	2.18	2.27	7.07	ppb
Cadmium	108-1	0.81	1.08	0.97	0.96	14.30	ppb
Calcium	43-1	507.32	486.59	515.01	502.97	2.92	ppb
Calcium	44-1	500.10	496.55	500.21	498.95	0.42	ppb
Chromium	52-2	2.00	2.03	1.98	2.01	1.34	ppb
Cobalt	59-2	1.04	1.04	1.03	1.04	0.58	ppb
Copper	63-2	2.12	2.05	2.20	2.12	3.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	56-2	57.42	56.72	57.00	57.05	0.62	ppb
Iron	57-2	58.20	57.06	58.27	57.85	1.17	ppb
Krypton	83-1						cps
Lead	206-1	1.01	0.97	0.97	0.99	2.10	ppb
Lead	207-1	0.98	1.01	1.02	1.00	2.24	ppb
Lead	208-1	0.99	0.99	1.01	0.99	1.03	ppb
Lithium	6-1				109		%
Magnesium	24-2	547.56	540.56	541.65	543.26	0.69	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:16:25	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.12	1.10	1.07	1.10	2.39	ppb
Molybdenum	94-1	4.70	4.73	4.86	4.77	1.81	ppb
Molybdenum	95-1	4.92	4.87	4.79	4.86	1.38	ppb
Molybdenum	96-1	4.98	4.87	4.92	4.92	1.11	ppb
Molybdenum	97-1	4.94	4.84	4.72	4.83	2.37	ppb
Molybdenum	98-1	4.84	4.89	4.78	4.83	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.04	1.11	1.07	3.67	ppb
Phosphorus	31-2	19.89	24.31	34.60	26.27	28.73	ppb
Potassium	39-2	539.70	525.77	526.47	530.65	1.48	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	77-2	7.00	4.50	3.47	4.99	36.39	ppb
Selenium	78-2	6.48	4.61	5.78	5.63	16.80	ppb
Selenium	82-1	5.25	4.67	5.31	5.08	6.92	ppb
Silicon	28-1	6.60	6.89	6.68	6.72	2.20	ppb
Silver	109-1	0.82	0.90	0.82	0.85	5.15	ppb
Silver	107-1	0.86	0.83	0.84	0.84	1.69	ppb
Sodium	23-2	544.52	535.16	540.69	540.12	0.87	ppb
Strontium	86-1	1.14	1.06	1.08	1.09	3.85	ppb
Strontium	88-1	1.06	0.99	0.99	1.01	3.74	ppb
Sulfur	34-1	642.58	668.21	545.44	618.74	10.47	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.98	0.94	0.96	0.96	1.90	ppb
Thallium	205-1	0.99	0.98	1.00	0.99	1.00	ppb
Thorium	232-1	0.89	0.86	0.86	0.87	1.83	ppb
Tin	118-1	5.33	5.39	5.30	5.34	0.87	ppb
Titanium	47-1	5.39	5.07	4.82	5.09	5.59	ppb
Uranium	238-1	0.89	0.87	0.89	0.89	1.14	ppb
Vanadium	51-2	5.34	5.16	5.25	5.25	1.68	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:16:25	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.73	1.84	1.67	1.75	4.96	ppb
Zirconium	90-1	0.98	0.96	0.97	0.97	1.31	ppb
Zirconium	91-1	1.01	0.93	0.88	0.94	6.75	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:20:01	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.34	0.15	-0.15	-0.11		ppb
Antimony	121-1	0.01	0.01	0.02	0.01	44.40	ppb
Arsenic	75-2	0.00	-0.02	-0.03	-0.02		ppb
Barium	135-1	0.01	0.02	0.00	0.01	107.79	ppb
Barium	137-1	0.00	0.00	0.01	0.00	302.32	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	58.21	ppb
Bismuth	209-1				95		%
Bismuth	209-2				103		%
Boron	10-1	4.01	3.79	2.91	3.57	16.21	ppb
Boron	11-1	3.90	3.81	3.17	3.63	11.04	ppb
Cadmium	111-1	0.10	0.09	0.21	0.13	51.97	ppb
Cadmium	106-1	1.17	1.07	2.50	1.58	50.46	ppb
Cadmium	108-1	0.00	0.02	0.00	0.01	171.36	ppb
Calcium	43-1	0.69	-0.48	2.95	1.05	165.38	ppb
Calcium	44-1	2.09	2.01	1.87	1.99	5.61	ppb
Chromium	52-2	0.01	0.00	0.00	0.00	571.55	ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	0.03	0.03	0.00	0.02	101.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	56-2	0.12	0.16	0.21	0.16	29.75	ppb
Iron	57-2	-0.32	-0.01	-0.42	-0.25		ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.03	0.03	32.06	ppb
Lead	207-1	0.04	0.04	0.03	0.04	22.05	ppb
Lead	208-1	0.03	0.03	0.03	0.03	11.58	ppb
Lithium	6-1				110		%
Magnesium	24-2	1.51	0.41	1.10	1.00	55.37	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:20:01	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	287.60	ppb
Molybdenum	94-1	0.04	0.05	0.05	0.05	21.67	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	5.66	ppb
Molybdenum	96-1	0.03	0.02	0.01	0.02	39.96	ppb
Molybdenum	97-1	0.01	0.02	0.00	0.01	93.99	ppb
Molybdenum	98-1	0.01	0.02	0.03	0.02	36.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.04	-0.02		ppb
Phosphorus	31-2	-34.18	-25.36	-27.73	-29.09		ppb
Potassium	39-2	21.23	23.36	18.29	20.96	12.15	ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.26	-0.18	0.63	0.07	756.56	ppb
Selenium	82-1	-0.62	-0.50	-0.60	-0.57		ppb
Silicon	28-1	0.20	-0.18	0.35	0.12	225.16	ppb
Silver	109-1	0.01	0.01	0.00	0.01	45.74	ppb
Silver	107-1	0.01	0.01	0.01	0.01	40.35	ppb
Sodium	23-2	21.33	20.62	20.55	20.83	2.09	ppb
Strontium	86-1	0.01	0.11	0.11	0.08	75.73	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	761.56	635.32	579.49	658.79	14.16	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.02	0.04	0.03	35.24	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	8.75	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	37.00	ppb
Tin	118-1	0.00	0.01	0.03	0.02	100.28	ppb
Titanium	47-1	0.00	0.02	0.03	0.02	72.14	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.33	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:20:01	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.24	-0.21	-0.18	-0.21		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	72.80	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	63.84	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:23:37	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.38	19.15	19.29	19.61	3.44	ppb
Antimony	121-1	2.04	2.05	2.01	2.03	1.18	ppb
Arsenic	75-2	1.25	1.15	0.85	1.08	19.06	ppb
Barium	135-1	11.39	10.67	10.66	10.91	3.82	ppb
Barium	137-1	10.72	10.49	10.60	10.60	1.08	ppb
Beryllium	9-1	1.01	1.03	0.96	1.00	3.58	ppb
Bismuth	209-1				97		%
Bismuth	209-2				106		%
Boron	10-1	24.38	23.37	25.36	24.37	4.08	ppb
Boron	11-1	24.95	25.02	25.58	25.18	1.37	ppb
Cadmium	111-1	1.10	1.07	1.13	1.10	2.54	ppb
Cadmium	106-1	1.51	1.95	2.74	2.06	30.06	ppb
Cadmium	108-1	1.20	1.24	0.98	1.14	12.36	ppb
Calcium	43-1	500.85	494.10	474.48	489.81	2.80	ppb
Calcium	44-1	499.41	502.36	501.16	500.98	0.30	ppb
Chromium	52-2	2.07	1.94	2.04	2.02	3.53	ppb
Cobalt	59-2	0.99	1.00	0.97	0.98	1.72	ppb
Copper	63-2	2.09	2.06	1.96	2.04	3.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				109		%
Iron	56-2	55.98	56.34	53.88	55.40	2.39	ppb
Iron	57-2	57.08	54.64	58.40	56.71	3.36	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.95	1.00	0.98	2.78	ppb
Lead	207-1	1.00	0.96	0.97	0.98	1.85	ppb
Lead	208-1	0.98	0.97	0.98	0.98	0.75	ppb
Lithium	6-1				111		%
Magnesium	24-2	534.71	543.83	525.59	534.71	1.71	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:23:37	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	1.04	1.04	1.03	1.77	ppb
Molybdenum	94-1	4.90	4.78	4.61	4.76	3.04	ppb
Molybdenum	95-1	4.84	4.86	4.91	4.87	0.77	ppb
Molybdenum	96-1	4.80	4.82	4.82	4.81	0.24	ppb
Molybdenum	97-1	4.63	4.72	4.65	4.67	1.01	ppb
Molybdenum	98-1	4.86	4.77	4.88	4.84	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.95	1.11	1.03	8.14	ppb
Phosphorus	31-2	22.69	23.33	27.86	24.63	11.46	ppb
Potassium	39-2	516.77	536.06	504.97	519.27	3.02	ppb
Rhodium	103-1				105		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				115		%
Selenium	77-2	2.95	3.92	8.05	4.97	54.52	ppb
Selenium	78-2	6.03	7.05	5.88	6.32	10.08	ppb
Selenium	82-1	5.71	5.47	4.44	5.20	12.99	ppb
Silicon	28-1	7.75	7.43	7.06	7.41	4.64	ppb
Silver	109-1	0.85	0.86	0.80	0.84	3.68	ppb
Silver	107-1	0.82	0.81	0.81	0.81	0.72	ppb
Sodium	23-2	538.22	529.71	516.80	528.24	2.04	ppb
Strontium	86-1	1.02	1.11	1.01	1.05	5.09	ppb
Strontium	88-1	1.06	1.03	0.99	1.03	3.60	ppb
Sulfur	34-1	814.30	657.46	623.26	698.34	14.59	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.97	0.93	0.96	0.95	2.59	ppb
Thallium	205-1	0.98	0.98	0.97	0.98	0.28	ppb
Thorium	232-1	0.85	0.84	0.83	0.84	1.24	ppb
Tin	118-1	5.34	5.33	5.22	5.30	1.22	ppb
Titanium	47-1	5.23	5.31	5.29	5.28	0.81	ppb
Uranium	238-1	0.89	0.89	0.88	0.89	1.11	ppb
Vanadium	51-2	5.10	5.31	5.15	5.19	2.16	ppb
Yttrium	89-1				107		%
Yttrium	89-2				111		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:23:37	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.81	1.92	1.99	1.90	4.89	ppb
Zirconium	90-1	0.97	0.94	0.92	0.94	2.82	ppb
Zirconium	91-1	0.98	1.01	0.96	0.98	2.38	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:27:13	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2852.75	2830.68	2819.14	2834.19	0.60	ppb
Antimony	121-1	825.86	831.86	818.09	825.27	0.84	ppb
Arsenic	75-2	535.47	534.08	535.16	534.90	0.14	ppb
Barium	135-1	1748.60	1742.51	1709.60	1733.57	1.21	ppb
Barium	137-1	1778.20	1759.73	1759.94	1765.96	0.60	ppb
Beryllium	9-1	223.89	222.64	222.96	223.16	0.29	ppb
Bismuth	209-1				95		%
Bismuth	209-2				101		%
Boron	10-1	853.73	862.57	870.59	862.29	0.98	ppb
Boron	11-1	849.75	861.20	867.26	859.41	1.03	ppb
Cadmium	111-1	363.47	363.23	358.09	361.60	0.84	ppb
Cadmium	106-1	276.74	275.51	275.30	275.85	0.28	ppb
Cadmium	108-1	301.17	297.55	293.06	297.26	1.37	ppb
Calcium	43-1	55.17	49.03	50.21	51.47	6.34	ppb
Calcium	44-1	34.84	31.41	33.86	33.37	5.29	ppb
Chromium	52-2	396.06	395.22	395.67	395.65	0.11	ppb
Cobalt	59-2	154.41	153.17	152.28	153.29	0.70	ppb
Copper	63-2	427.60	427.43	424.10	426.38	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	2658.42	2637.44	2655.26	2650.37	0.43	ppb
Iron	57-2	2655.18	2638.63	2653.31	2649.04	0.34	ppb
Krypton	83-1						cps
Lead	206-1	1039.40	1047.01	1035.61	1040.67	0.56	ppb
Lead	207-1	1029.97	1036.25	1018.19	1028.14	0.89	ppb
Lead	208-1	1032.26	1036.99	1029.89	1033.04	0.35	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.42	0.67	0.81	0.63	30.66	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:27:13	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1182.86	1173.15	1174.39	1176.80	0.45	ppb
Molybdenum	94-1	65.36	64.12	63.55	64.34	1.44	ppb
Molybdenum	95-1	90.92	89.92	89.03	89.96	1.05	ppb
Molybdenum	96-1	87.36	87.16	86.58	87.03	0.47	ppb
Molybdenum	97-1	91.01	89.85	88.94	89.93	1.15	ppb
Molybdenum	98-1	90.36	89.02	89.39	89.59	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1684.77	1682.90	1677.43	1681.70	0.23	ppb
Phosphorus	31-2	-26.89	-24.68	-1.72	-17.76		ppb
Potassium	39-2	15.33	17.29	18.52	17.05	9.45	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	253.34	267.92	281.54	267.60	5.27	ppb
Selenium	78-2	249.02	255.13	251.24	251.80	1.23	ppb
Selenium	82-1	257.28	253.84	250.41	253.85	1.35	ppb
Silicon	28-1	71.31	69.87	70.24	70.47	1.06	ppb
Silver	109-1	705.00	700.39	701.81	702.40	0.34	ppb
Silver	107-1	701.94	697.61	698.59	699.38	0.32	ppb
Sodium	23-2	35.45	35.26	33.96	34.89	2.33	ppb
Strontium	86-1	96.87	97.02	95.33	96.41	0.97	ppb
Strontium	88-1	96.29	95.22	93.96	95.16	1.22	ppb
Sulfur	34-1	-25.13	-455.14	-741.16	-407.14		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	412.34	409.46	405.11	408.97	0.89	ppb
Thallium	205-1	422.77	423.36	421.00	422.38	0.29	ppb
Thorium	232-1	0.00	0.01	0.00	0.01	31.28	ppb
Tin	118-1	0.00	0.02	-0.01	0.00	232.87	ppb
Titanium	47-1	0.11	0.06	0.08	0.08	28.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	22.21	ppb
Vanadium	51-2	289.20	284.53	287.44	287.05	0.82	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:27:13	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1343.26	1329.88	1332.44	1335.19	0.53	ppb
Zirconium	90-1	0.10	0.09	0.11	0.10	11.61	ppb
Zirconium	91-1	0.54	0.50	0.45	0.50	8.69	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:30:49	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.76	32.11	29.29	30.05	5.99	ppb
Antimony	121-1	0.40	0.43	0.42	0.41	4.48	ppb
Arsenic	75-2	0.04	0.05	0.07	0.05	33.02	ppb
Barium	135-1	0.16	0.13	0.19	0.16	21.12	ppb
Barium	137-1	0.18	0.11	0.14	0.14	24.25	ppb
Beryllium	9-1	0.01	0.04	0.02	0.02	66.02	ppb
Bismuth	209-1				94		%
Bismuth	209-2				99		%
Boron	10-1	140.23	138.17	135.92	138.11	1.56	ppb
Boron	11-1	139.19	138.93	138.36	138.83	0.31	ppb
Cadmium	111-1	0.16	0.11	0.19	0.15	26.06	ppb
Cadmium	106-1	1.89	1.15	2.01	1.68	27.71	ppb
Cadmium	108-1	0.26	0.23	0.28	0.26	11.04	ppb
Calcium	43-1	8.41	10.22	7.82	8.82	14.16	ppb
Calcium	44-1	15.30	14.48	15.01	14.93	2.78	ppb
Chromium	52-2	0.08	0.05	0.09	0.07	30.36	ppb
Cobalt	59-2	0.00	0.01	0.02	0.01	50.59	ppb
Copper	63-2	0.07	0.09	0.07	0.08	15.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	0.98	0.79	0.77	0.85	13.41	ppb
Iron	57-2	0.92	0.82	0.49	0.74	30.53	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.20	0.24	0.21	13.02	ppb
Lead	207-1	0.20	0.22	0.22	0.21	5.85	ppb
Lead	208-1	0.19	0.20	0.22	0.21	7.32	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.25	1.14	1.08	1.16	7.38	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:30:49	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.04	0.03	0.04	17.72	ppb
Molybdenum	94-1	0.99	1.10	1.17	1.09	8.04	ppb
Molybdenum	95-1	0.05	0.03	0.04	0.04	20.55	ppb
Molybdenum	96-1	0.15	0.17	0.15	0.15	7.22	ppb
Molybdenum	97-1	0.05	0.03	0.02	0.03	46.29	ppb
Molybdenum	98-1	0.05	0.03	0.03	0.04	28.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.10	0.06	0.09	30.91	ppb
Phosphorus	31-2	-31.19	-28.77	-26.57	-28.84		ppb
Potassium	39-2	21.76	18.52	19.77	20.02	8.15	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.16	-0.15	0.70	0.13	373.97	ppb
Selenium	82-1	0.07	-1.26	-0.11	-0.43		ppb
Silicon	28-1	607.65	608.21	605.00	606.95	0.28	ppb
Silver	109-1	0.05	0.04	0.03	0.04	21.22	ppb
Silver	107-1	0.06	0.04	0.04	0.04	24.40	ppb
Sodium	23-2	100.95	103.88	104.95	103.26	2.00	ppb
Strontium	86-1	0.04	0.12	0.06	0.08	54.83	ppb
Strontium	88-1	0.05	0.04	0.04	0.04	9.72	ppb
Sulfur	34-1	-771.53	-901.04	-986.31	-886.30		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.11	0.10	0.09	0.10	8.86	ppb
Thallium	205-1	0.11	0.09	0.08	0.09	14.23	ppb
Thorium	232-1	0.01	0.00	0.01	0.01	35.62	ppb
Tin	118-1	522.69	513.40	521.47	519.19	0.97	ppb
Titanium	47-1	160.84	161.61	162.05	161.50	0.38	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	197.24	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	48.62	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:30:49	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.16	-0.16	-0.22	-0.18		ppb
Zirconium	90-1	0.72	0.72	0.71	0.72	0.74	ppb
Zirconium	91-1	0.79	0.66	0.75	0.73	8.83	ppb

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : K4842-06 Instrumnet Name : P7
 Client Sample ID : PT-MIN2-WP Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 16:34:26 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.96	-1.05	-0.56	-0.86		ppb
Antimony	121-1	0.02	0.01	0.02	0.02	22.12	ppb
Arsenic	75-2	-0.01	0.00	-0.02	-0.01		ppb
Barium	135-1	0.39	0.42	0.41	0.41	4.42	ppb
Barium	137-1	0.43	0.44	0.49	0.45	7.76	ppb
Beryllium	9-1	0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				118		%
Bismuth	209-2				123		%
Boron	10-1	16.99	15.89	14.35	15.74	8.40	ppb
Boron	11-1	15.89	15.16	15.65	15.57	2.39	ppb
Cadmium	111-1	0.14	0.13	0.13	0.13	7.26	ppb
Cadmium	106-1	1.68	1.41	1.49	1.53	8.90	ppb
Cadmium	108-1	0.07	-0.02	0.05	0.03	143.07	ppb
Calcium	43-1	30664.25	30865.95	32253.99	31261.40	2.77	ppb
Calcium	44-1	31358.34	31731.21	32893.99	31994.52	2.50	ppb
Chromium	52-2	-0.13	-0.13	-0.13	-0.13		ppb
Cobalt	59-2	0.01	0.00	0.01	0.00	100.32	ppb
Copper	63-2	-0.03	0.00	0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				126		%
Holmium	165-2				121		%
Indium	115-1				127		%
Indium	115-2				127		%
Iron	56-2	-0.25	-0.31	-0.22	-0.26		ppb
Iron	57-2	83.24	78.49	82.69	81.47	3.19	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.22	0.21	0.22	3.50	ppb
Lead	207-1	0.20	0.23	0.24	0.22	8.22	ppb
Lead	208-1	0.22	0.22	0.23	0.22	2.96	ppb
Lithium	6-1				139		%
Magnesium	24-2	19515.79	19294.32	19472.39	19427.50	0.60	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:34:26	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.19	0.14	0.15	0.16	14.80	ppb
Molybdenum	94-1	0.15	0.16	0.15	0.15	3.07	ppb
Molybdenum	95-1	0.22	0.23	0.23	0.23	2.90	ppb
Molybdenum	96-1	0.23	0.24	0.21	0.22	6.84	ppb
Molybdenum	97-1	0.24	0.24	0.23	0.24	1.30	ppb
Molybdenum	98-1	0.25	0.24	0.24	0.24	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.05	-0.03	-0.04		ppb
Phosphorus	31-2	-27.17	-37.96	-37.90	-34.34		ppb
Potassium	39-2	5553.22	5493.16	5549.74	5532.04	0.61	ppb
Rhodium	103-1				126		%
Rhodium	103-2				126		%
Scandium	45-1				137		%
Scandium	45-2				136		%
Selenium	77-2	0.00	0.41	0.00	0.14	173.21	ppb
Selenium	78-2	-0.05	-0.18	-0.05	-0.10		ppb
Selenium	82-1	0.10	-0.20	-1.07	-0.39		ppb
Silicon	28-1	-5.49	-5.27	-4.72	-5.16		ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.94	ppb
Silver	107-1	0.01	0.01	0.02	0.02	39.56	ppb
Sodium	23-2	80306.35	79178.81	80514.18	79999.78	0.90	ppb
Strontium	86-1	3.51	3.54	3.66	3.57	2.19	ppb
Strontium	88-1	3.62	3.67	3.75	3.68	1.76	ppb
Sulfur	34-1	-2021.61	-1635.65	-1046.44	-1567.90		ppb
Terbium	159-1				126		%
Terbium	159-2				123		%
Thallium	203-1	0.04	0.02	0.03	0.03	38.32	ppb
Thallium	205-1	0.05	0.03	0.03	0.04	32.00	ppb
Thorium	232-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.03	-0.05	-0.02	-0.03		ppb
Titanium	47-1	0.03	0.00	0.00	0.01	162.22	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				132		%
Yttrium	89-2				132		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:34:26	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.26	-0.25	-0.14	-0.22		ppb
Zirconium	90-1	-0.01	-0.02	-0.02	-0.01		ppb
Zirconium	91-1	0.00	-0.01	0.00	-0.01		ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:38:53	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.25	29.77	29.84	30.96	6.43	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	17.45	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00		ppb
Barium	135-1	0.05	0.07	0.07	0.06	18.97	ppb
Barium	137-1	0.08	0.08	0.09	0.08	9.21	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	74.58	ppb
Bismuth	209-1				94		%
Bismuth	209-2				99		%
Boron	10-1	107.40	108.55	113.68	109.88	3.04	ppb
Boron	11-1	106.92	108.75	112.64	109.43	2.67	ppb
Cadmium	111-1	0.09	0.06	0.12	0.09	34.00	ppb
Cadmium	106-1	1.18	0.67	1.34	1.06	32.58	ppb
Cadmium	108-1	0.09	0.11	0.14	0.11	25.17	ppb
Calcium	43-1	10.89	11.19	8.37	10.15	15.25	ppb
Calcium	44-1	16.00	16.07	15.84	15.97	0.74	ppb
Chromium	52-2	0.06	0.09	0.05	0.06	37.95	ppb
Cobalt	59-2	0.02	0.00	0.01	0.01	63.91	ppb
Copper	63-2	0.08	0.09	0.07	0.08	10.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	0.73	0.78	0.72	0.74	4.12	ppb
Iron	57-2	1.28	0.71	0.29	0.76	65.14	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.22	0.23	0.22	4.69	ppb
Lead	207-1	0.21	0.23	0.25	0.23	7.84	ppb
Lead	208-1	0.20	0.22	0.24	0.22	7.49	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.37	1.56	1.12	1.35	16.56	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:38:53	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.02	0.01	49.88	ppb
Molybdenum	94-1	0.98	0.89	0.95	0.94	4.82	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	51.81	ppb
Molybdenum	96-1	0.13	0.13	0.10	0.12	15.23	ppb
Molybdenum	97-1	0.03	0.01	0.03	0.02	61.69	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	58.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.04	0.02	96.09	ppb
Phosphorus	31-2	-26.28	-28.79	-33.32	-29.46		ppb
Potassium	39-2	20.04	22.72	19.83	20.86	7.70	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.11	-0.24	-0.06	-0.06		ppb
Selenium	82-1	-0.69	-0.56	0.24	-0.34		ppb
Silicon	28-1	601.24	608.60	607.86	605.90	0.67	ppb
Silver	109-1	0.02	0.01	0.01	0.01	22.81	ppb
Silver	107-1	0.02	0.02	0.02	0.02	1.53	ppb
Sodium	23-2	114.79	117.24	113.11	115.05	1.81	ppb
Strontium	86-1	0.04	0.04	0.13	0.07	78.68	ppb
Strontium	88-1	0.03	0.03	0.04	0.03	12.55	ppb
Sulfur	34-1	694.21	693.11	428.82	605.38	25.26	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.02	0.02	0.02	10.07	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	11.72	ppb
Thorium	232-1	0.01	0.00	0.01	0.00	65.19	ppb
Tin	118-1	518.06	520.97	525.12	521.38	0.68	ppb
Titanium	47-1	159.70	164.59	165.24	163.18	1.86	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	78.45	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	38.14	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:38:53	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.19	-0.13	-0.10	-0.14		ppb
Zirconium	90-1	0.64	0.66	0.66	0.66	1.61	ppb
Zirconium	91-1	0.66	0.64	0.69	0.67	3.73	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:42:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2882.33	2891.71	2900.88	2891.64	0.32	ppb
Antimony	121-1	830.61	839.42	834.71	834.91	0.53	ppb
Arsenic	75-2	541.35	543.85	546.95	544.05	0.52	ppb
Barium	135-1	1747.05	1762.85	1772.56	1760.82	0.73	ppb
Barium	137-1	1769.94	1807.86	1786.28	1788.03	1.06	ppb
Beryllium	9-1	229.58	228.76	226.83	228.39	0.62	ppb
Bismuth	209-1				95		%
Bismuth	209-2				101		%
Boron	10-1	865.25	893.48	899.17	885.97	2.05	ppb
Boron	11-1	862.82	888.66	910.03	887.17	2.66	ppb
Cadmium	111-1	358.11	361.34	357.88	359.11	0.54	ppb
Cadmium	106-1	277.50	282.92	276.64	279.02	1.22	ppb
Cadmium	108-1	292.96	298.00	298.20	296.39	1.00	ppb
Calcium	43-1	54.69	57.06	53.75	55.17	3.09	ppb
Calcium	44-1	33.67	34.53	33.87	34.03	1.32	ppb
Chromium	52-2	406.28	408.70	406.02	407.00	0.36	ppb
Cobalt	59-2	157.19	156.86	157.47	157.18	0.19	ppb
Copper	63-2	436.94	440.39	440.96	439.43	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				98		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	2735.14	2725.95	2719.06	2726.72	0.30	ppb
Iron	57-2	2693.83	2714.82	2715.03	2707.89	0.45	ppb
Krypton	83-1						cps
Lead	206-1	1067.46	1068.23	1080.15	1071.95	0.66	ppb
Lead	207-1	1044.41	1047.67	1070.19	1054.09	1.33	ppb
Lead	208-1	1050.12	1045.93	1063.74	1053.27	0.88	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.83	0.92	0.71	0.82	13.13	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:42:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1218.34	1216.17	1218.91	1217.81	0.12	ppb
Molybdenum	94-1	64.49	64.43	65.85	64.92	1.23	ppb
Molybdenum	95-1	91.36	92.42	91.91	91.90	0.58	ppb
Molybdenum	96-1	88.19	87.69	88.66	88.18	0.55	ppb
Molybdenum	97-1	91.74	90.62	90.92	91.09	0.64	ppb
Molybdenum	98-1	90.55	91.15	90.64	90.78	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1722.56	1727.74	1734.44	1728.24	0.34	ppb
Phosphorus	31-2	-16.71	-21.40	-23.75	-20.62		ppb
Potassium	39-2	18.14	14.09	12.60	14.94	19.21	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	253.49	282.26	263.72	266.49	5.47	ppb
Selenium	78-2	267.67	266.83	267.56	267.36	0.17	ppb
Selenium	82-1	257.83	256.81	258.35	257.66	0.30	ppb
Silicon	28-1	70.53	70.87	70.55	70.65	0.27	ppb
Silver	109-1	695.70	701.37	700.53	699.20	0.44	ppb
Silver	107-1	701.31	694.00	696.80	697.37	0.53	ppb
Sodium	23-2	38.90	39.20	38.24	38.78	1.27	ppb
Strontium	86-1	98.67	97.21	98.07	97.99	0.75	ppb
Strontium	88-1	96.83	97.17	96.40	96.80	0.40	ppb
Sulfur	34-1	-489.24	-606.05	-819.38	-638.22		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	420.76	413.26	421.42	418.48	1.08	ppb
Thallium	205-1	430.04	430.43	435.05	431.84	0.65	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.28	0.23	0.27	0.26	9.44	ppb
Titanium	47-1	0.08	0.06	0.09	0.08	17.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	295.36	295.06	295.71	295.38	0.11	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:42:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1373.00	1380.50	1382.83	1378.78	0.37	ppb
Zirconium	90-1	0.06	0.05	0.07	0.06	12.66	ppb
Zirconium	91-1	0.49	0.54	0.49	0.51	4.94	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:46:06	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.96	-1.04	-0.80	-0.94		ppb
Antimony	121-1	0.13	0.13	0.11	0.12	6.66	ppb
Arsenic	75-2	0.04	0.01	0.04	0.03	52.77	ppb
Barium	135-1	0.58	0.57	0.48	0.54	10.55	ppb
Barium	137-1	0.53	0.51	0.49	0.51	3.78	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	34.85	ppb
Bismuth	209-1				119		%
Bismuth	209-2				124		%
Boron	10-1	32.87	32.82	32.69	32.80	0.28	ppb
Boron	11-1	31.80	33.21	30.63	31.88	4.05	ppb
Cadmium	111-1	0.15	0.15	0.04	0.11	57.23	ppb
Cadmium	106-1	1.46	1.53	0.10	1.03	78.59	ppb
Cadmium	108-1	0.06	0.10	0.01	0.06	84.89	ppb
Calcium	43-1	30917.42	31065.91	31104.93	31029.42	0.32	ppb
Calcium	44-1	31390.10	31591.33	31759.03	31580.15	0.58	ppb
Chromium	52-2	-0.12	-0.12	-0.11	-0.12		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	85.07	ppb
Copper	63-2	-0.01	0.01	-0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				127		%
Holmium	165-2				123		%
Indium	115-1				127		%
Indium	115-2				126		%
Iron	56-2	-0.31	-0.25	-0.29	-0.28		ppb
Iron	57-2	78.42	73.08	82.84	78.11	6.26	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.27	0.26	0.27	1.28	ppb
Lead	207-1	0.27	0.26	0.27	0.26	2.62	ppb
Lead	208-1	0.27	0.26	0.25	0.26	3.44	ppb
Lithium	6-1				134		%
Magnesium	24-2	19303.62	19377.40	19470.93	19383.99	0.43	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:46:06	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.20	0.21	0.19	0.20	4.35	ppb
Molybdenum	94-1	0.15	0.17	0.18	0.17	8.52	ppb
Molybdenum	95-1	0.26	0.22	0.24	0.24	8.38	ppb
Molybdenum	96-1	0.23	0.25	0.25	0.24	5.33	ppb
Molybdenum	97-1	0.23	0.26	0.19	0.23	14.92	ppb
Molybdenum	98-1	0.26	0.25	0.26	0.26	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	0.01	0.01	234.19	ppb
Phosphorus	31-2	-28.80	-32.43	-30.55	-30.59		ppb
Potassium	39-2	5504.33	5546.55	5557.75	5536.21	0.51	ppb
Rhodium	103-1				125		%
Rhodium	103-2				124		%
Scandium	45-1				135		%
Scandium	45-2				134		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.18	-0.04	-0.11	-0.11		ppb
Selenium	82-1	-0.14	-0.56	-0.51	-0.40		ppb
Silicon	28-1	-5.45	-5.14	-5.15	-5.25		ppb
Silver	109-1	0.06	0.07	0.05	0.06	18.30	ppb
Silver	107-1	0.08	0.05	0.05	0.06	24.36	ppb
Sodium	23-2	80181.23	79775.24	79961.69	79972.72	0.25	ppb
Strontium	86-1	3.55	3.61	3.42	3.53	2.62	ppb
Strontium	88-1	3.72	3.68	3.63	3.68	1.34	ppb
Sulfur	34-1	-1994.10	-1657.27	-1489.97	-1713.78		ppb
Terbium	159-1				127		%
Terbium	159-2				123		%
Thallium	203-1	0.05	0.05	0.05	0.05	9.04	ppb
Thallium	205-1	0.07	0.05	0.05	0.06	20.89	ppb
Thorium	232-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.09	-0.09	-0.09	-0.09		ppb
Titanium	47-1	-0.01	0.03	-0.01	0.00	646.57	ppb
Uranium	238-1	-0.02	-0.02	-0.01	-0.02		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	27.96	ppb
Yttrium	89-1				131		%
Yttrium	89-2				129		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:46:06	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.09	-0.36	-0.19	-0.21		ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-09-29 16:53:24	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1396.54	1431.57	1438.46	1422.19	1.58	ppb
Antimony	121-1	400.79	395.56	403.32	399.89	0.99	ppb
Arsenic	75-2	268.00	269.81	268.43	268.75	0.35	ppb
Barium	135-1	878.34	868.24	877.63	874.74	0.64	ppb
Barium	137-1	879.24	861.34	869.05	869.88	1.03	ppb
Beryllium	9-1	113.11	112.40	111.12	112.21	0.90	ppb
Bismuth	209-1				95		%
Bismuth	209-2				103		%
Boron	10-1	448.21	446.74	455.65	450.20	1.06	ppb
Boron	11-1	441.90	457.99	454.96	451.62	1.89	ppb
Cadmium	111-1	180.56	178.47	180.58	179.87	0.67	ppb
Cadmium	106-1	137.62	137.20	140.98	138.60	1.49	ppb
Cadmium	108-1	146.52	144.79	146.11	145.81	0.62	ppb
Calcium	43-1	29.19	29.99	28.57	29.25	2.44	ppb
Calcium	44-1	20.53	20.89	21.75	21.06	2.98	ppb
Chromium	52-2	197.71	199.29	200.55	199.18	0.72	ppb
Cobalt	59-2	77.27	77.17	78.11	77.52	0.66	ppb
Copper	63-2	213.53	215.22	216.63	215.13	0.72	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				98		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	1330.55	1329.69	1337.51	1332.58	0.32	ppb
Iron	57-2	1331.96	1318.79	1337.99	1329.58	0.74	ppb
Krypton	83-1						cps
Lead	206-1	504.52	508.04	507.51	506.69	0.37	ppb
Lead	207-1	501.45	500.96	504.32	502.24	0.36	ppb
Lead	208-1	506.61	509.20	511.53	509.11	0.48	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.65	0.80	0.69	1.04	50.38	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-09-29 16:53:24	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	589.99	592.57	592.23	591.60	0.24	ppb
Molybdenum	94-1	32.30	32.39	32.20	32.30	0.29	ppb
Molybdenum	95-1	45.20	45.30	44.74	45.08	0.67	ppb
Molybdenum	96-1	44.39	43.48	43.73	43.87	1.08	ppb
Molybdenum	97-1	45.27	45.81	45.26	45.45	0.69	ppb
Molybdenum	98-1	44.70	44.74	44.60	44.68	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	841.84	855.10	851.62	849.52	0.81	ppb
Phosphorus	31-2	-31.51	-31.42	-10.73	-24.55		ppb
Potassium	39-2	10.93	9.84	13.08	11.28	14.58	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	145.49	141.50	118.31	135.10	10.86	ppb
Selenium	78-2	132.82	130.88	133.27	132.32	0.96	ppb
Selenium	82-1	126.57	126.28	125.46	126.10	0.46	ppb
Silicon	28-1	35.02	34.75	34.57	34.78	0.66	ppb
Silver	109-1	338.09	334.49	335.42	336.00	0.56	ppb
Silver	107-1	336.31	330.45	334.20	333.65	0.89	ppb
Sodium	23-2	32.46	30.93	31.60	31.66	2.43	ppb
Strontium	86-1	47.96	47.98	47.59	47.85	0.46	ppb
Strontium	88-1	47.72	47.52	47.71	47.65	0.24	ppb
Sulfur	34-1	185.61	-95.43	-413.95	-107.93		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	206.57	206.99	208.78	207.45	0.57	ppb
Thallium	205-1	211.06	211.74	211.91	211.57	0.21	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.04	0.04	0.05	0.05	13.33	ppb
Titanium	47-1	0.09	0.09	0.07	0.08	10.19	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	228.54	ppb
Vanadium	51-2	144.17	144.58	145.10	144.62	0.32	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-09-29 16:53:24	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	668.18	672.86	675.00	672.01	0.52	ppb
Zirconium	90-1	0.04	0.04	0.02	0.03	24.38	ppb
Zirconium	91-1	0.25	0.24	0.27	0.25	7.01	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-09-29 16:57:02	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.21	1.82	2.51	1.85	35.21	ppb
Antimony	121-1	0.19	0.23	0.25	0.22	13.03	ppb
Arsenic	75-2	0.02	-0.01	0.00	0.00	502.06	ppb
Barium	135-1	0.13	0.10	0.07	0.10	31.23	ppb
Barium	137-1	0.11	0.13	0.13	0.12	6.39	ppb
Beryllium	9-1	-0.01	0.02	-0.01	0.00	1594.83	ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Boron	10-1	30.71	28.06	26.50	28.42	7.49	ppb
Boron	11-1	30.88	29.57	27.43	29.29	5.94	ppb
Cadmium	111-1	0.06	0.15	0.13	0.11	40.54	ppb
Cadmium	106-1	0.72	1.66	1.52	1.30	39.17	ppb
Cadmium	108-1	0.10	0.05	0.10	0.08	35.02	ppb
Calcium	43-1	6143.98	6197.02	6187.05	6176.02	0.46	ppb
Calcium	44-1	6141.13	6190.26	6132.98	6154.79	0.50	ppb
Chromium	52-2	-0.01	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.05	0.04	0.05	0.05	19.26	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				102		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	0.13	0.10	0.17	0.13	28.55	ppb
Iron	57-2	15.45	16.43	13.78	15.22	8.80	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.10	0.10	1.97	ppb
Lead	207-1	0.10	0.12	0.13	0.11	10.61	ppb
Lead	208-1	0.10	0.10	0.10	0.10	2.58	ppb
Lithium	6-1				108		%
Magnesium	24-2	3723.76	3747.35	3729.61	3733.57	0.33	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-09-29 16:57:02	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.07	0.05	0.06	20.40	ppb
Molybdenum	94-1	0.03	0.06	0.05	0.05	32.94	ppb
Molybdenum	95-1	0.04	0.05	0.05	0.04	8.72	ppb
Molybdenum	96-1	0.06	0.06	0.07	0.06	8.99	ppb
Molybdenum	97-1	0.07	0.04	0.06	0.06	26.07	ppb
Molybdenum	98-1	0.06	0.06	0.05	0.06	11.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.03	-0.01		ppb
Phosphorus	31-2	-25.55	-34.10	-31.91	-30.52		ppb
Potassium	39-2	1080.28	1104.05	1082.40	1088.91	1.21	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.15	0.14	0.15	0.15	3.64	ppb
Selenium	82-1	0.40	0.20	-0.85	-0.08		ppb
Silicon	28-1	-1.52	-1.83	-1.64	-1.67		ppb
Silver	109-1	0.02	0.03	0.02	0.02	26.84	ppb
Silver	107-1	0.02	0.03	0.02	0.02	20.29	ppb
Sodium	23-2	15602.97	15608.14	15551.64	15587.58	0.20	ppb
Strontium	86-1	0.83	0.78	0.82	0.81	3.52	ppb
Strontium	88-1	0.74	0.75	0.75	0.75	0.68	ppb
Sulfur	34-1	-682.25	-584.49	-542.74	-603.16		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.02	0.05	0.04	42.09	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	10.92	ppb
Thorium	232-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.02	0.01	0.01	0.00	1124.68	ppb
Titanium	47-1	0.02	0.01	0.01	0.01	31.01	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	455.05	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	4.20	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-09-29 16:57:02	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.28	-0.16	-0.21	-0.21		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	81.91	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-09-29 17:00:37	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.82	0.66	-0.19	0.43	125.63	ppb
Antimony	121-1	0.03	0.03	0.05	0.04	26.28	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00		ppb
Barium	135-1	0.24	0.26	0.26	0.25	4.98	ppb
Barium	137-1	0.24	0.18	0.23	0.22	16.84	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				107		%
Boron	10-1	15.30	13.98	13.57	14.28	6.31	ppb
Boron	11-1	14.55	14.25	13.82	14.21	2.61	ppb
Cadmium	111-1	0.15	0.02	0.09	0.09	75.23	ppb
Cadmium	106-1	1.86	0.19	0.98	1.01	82.43	ppb
Cadmium	108-1	0.05	0.05	0.06	0.05	18.77	ppb
Calcium	43-1	15513.18	15793.40	15433.74	15580.11	1.21	ppb
Calcium	44-1	15586.93	15771.76	15771.68	15710.12	0.68	ppb
Chromium	52-2	-0.08	-0.06	-0.07	-0.07		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.04	0.03	0.04	5.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	56-2	-0.15	0.04	-0.01	-0.04		ppb
Iron	57-2	36.16	41.47	37.87	38.50	7.04	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.13	0.14	0.12	15.34	ppb
Lead	207-1	0.11	0.14	0.14	0.13	14.30	ppb
Lead	208-1	0.10	0.12	0.14	0.12	13.12	ppb
Lithium	6-1				114		%
Magnesium	24-2	9273.96	9365.66	9350.07	9329.90	0.53	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-09-29 17:00:37	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.08	0.06	0.07	15.40	ppb
Molybdenum	94-1	0.08	0.07	0.06	0.07	14.95	ppb
Molybdenum	95-1	0.10	0.12	0.13	0.12	12.71	ppb
Molybdenum	96-1	0.10	0.10	0.09	0.10	7.85	ppb
Molybdenum	97-1	0.10	0.10	0.13	0.11	12.74	ppb
Molybdenum	98-1	0.11	0.13	0.11	0.12	8.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.03	-0.03		ppb
Phosphorus	31-2	-32.66	-40.85	-34.62	-36.04		ppb
Potassium	39-2	2723.32	2704.78	2729.73	2719.27	0.48	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				116		%
Scandium	45-2				117		%
Selenium	77-2	0.48	0.00	0.00	0.16	173.21	ppb
Selenium	78-2	0.11	0.20	0.12	0.14	32.82	ppb
Selenium	82-1	-0.09	0.51	-0.43	-0.01		ppb
Silicon	28-1	-3.19	-2.89	-2.81	-2.96		ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.76	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.81	ppb
Sodium	23-2	38900.84	39225.73	39143.15	39089.90	0.43	ppb
Strontium	86-1	1.78	2.00	1.84	1.87	6.02	ppb
Strontium	88-1	1.82	1.86	1.87	1.85	1.16	ppb
Sulfur	34-1	-404.91	-150.24	19.27	-178.63		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.01	0.01	0.02	52.38	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	17.59	ppb
Thorium	232-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	-0.04	-0.05	-0.04	-0.04		ppb
Titanium	47-1	0.01	0.04	0.03	0.03	51.64	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-09-29 17:00:37	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.25	-0.33	-0.18	-0.25		ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.02	-0.02	0.01	-0.01		ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:04:14	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50885.92	49678.82	49799.72	50121.49	1.33	ppb
Antimony	121-1	503.31	504.33	503.61	503.75	0.10	ppb
Arsenic	75-2	520.02	524.75	519.23	521.33	0.57	ppb
Barium	135-1	2520.75	2516.21	2518.82	2518.59	0.09	ppb
Barium	137-1	2514.62	2515.50	2519.74	2516.62	0.11	ppb
Beryllium	9-1	490.95	488.80	491.86	490.54	0.32	ppb
Bismuth	209-1				82		%
Bismuth	209-2				87		%
Boron	10-1	490.68	487.06	495.76	491.16	0.89	ppb
Boron	11-1	484.72	489.78	498.60	491.03	1.43	ppb
Cadmium	111-1	516.64	518.07	516.95	517.22	0.15	ppb
Cadmium	106-1	518.59	531.23	523.34	524.39	1.22	ppb
Cadmium	108-1	520.74	521.20	510.90	517.61	1.12	ppb
Calcium	43-1	238202.73	238676.90	240740.99	239206.88	0.56	ppb
Calcium	44-1	238322.98	238723.14	240219.29	239088.47	0.42	ppb
Chromium	52-2	498.24	492.45	494.47	495.05	0.59	ppb
Cobalt	59-2	512.65	503.62	504.17	506.81	1.00	ppb
Copper	63-2	994.81	985.96	982.78	987.85	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				91		%
Iron	56-2	123974.93	121378.16	121485.19	122279.43	1.20	ppb
Iron	57-2	124354.01	121186.50	122426.11	122655.54	1.30	ppb
Krypton	83-1						cps
Lead	206-1	495.60	493.59	491.98	493.72	0.37	ppb
Lead	207-1	494.28	492.58	490.66	492.50	0.37	ppb
Lead	208-1	498.71	498.95	497.81	498.49	0.12	ppb
Lithium	6-1				93		%
Magnesium	24-2	250696.82	245021.13	243963.55	246560.50	1.47	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:04:14	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	968.51	953.06	958.17	959.91	0.82	ppb
Molybdenum	94-1	2493.91	2466.52	2481.43	2480.62	0.55	ppb
Molybdenum	95-1	2495.06	2452.43	2476.00	2474.49	0.86	ppb
Molybdenum	96-1	2499.26	2452.81	2476.53	2476.20	0.94	ppb
Molybdenum	97-1	2506.57	2450.39	2479.46	2478.81	1.13	ppb
Molybdenum	98-1	2513.00	2450.45	2480.16	2481.20	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.30	501.99	500.72	504.00	0.92	ppb
Phosphorus	31-2	9875.47	9980.67	9654.48	9836.87	1.69	ppb
Potassium	39-2	125528.18	123850.75	122685.37	124021.43	1.15	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	563.22	537.95	525.76	542.31	3.52	ppb
Selenium	78-2	513.43	514.21	510.62	512.75	0.37	ppb
Selenium	82-1	509.52	498.46	499.82	502.60	1.20	ppb
Silicon	28-1	456.19	462.36	473.93	464.16	1.94	ppb
Silver	109-1	510.02	515.31	508.36	511.23	0.71	ppb
Silver	107-1	508.45	513.15	504.77	508.79	0.83	ppb
Sodium	23-2	252971.74	244537.96	245729.50	247746.40	1.84	ppb
Strontium	86-1	497.75	487.88	493.61	493.08	1.00	ppb
Strontium	88-1	498.73	493.32	495.20	495.75	0.55	ppb
Sulfur	34-1	10359.83	10198.95	10376.06	10311.61	0.95	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	507.27	494.44	511.32	504.34	1.75	ppb
Thallium	205-1	509.12	504.79	509.69	507.87	0.53	ppb
Thorium	232-1	512.67	513.26	508.89	511.61	0.46	ppb
Tin	118-1	527.58	530.42	533.08	530.36	0.52	ppb
Titanium	47-1	2424.25	2421.91	2440.79	2428.99	0.42	ppb
Uranium	238-1	505.60	510.77	506.99	507.79	0.53	ppb
Vanadium	51-2	494.66	490.02	490.18	491.62	0.54	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:04:14	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	993.82	980.59	988.34	987.58	0.67	ppb
Zirconium	90-1	500.95	495.72	500.95	499.20	0.60	ppb
Zirconium	91-1	499.86	497.76	499.83	499.15	0.24	ppb

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : CCB87 Instrumnet Name : P7
 Client Sample ID : CCB87 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 17:15:35 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.83	2.30	1.65	1.93	17.45	ppb
Antimony	121-1	0.11	0.12	0.12	0.12	4.13	ppb
Arsenic	75-2	0.01	-0.01	0.02	0.00	323.35	ppb
Barium	135-1	0.02	0.04	0.05	0.04	31.44	ppb
Barium	137-1	0.03	0.03	0.05	0.04	27.28	ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	74.21	ppb
Bismuth	209-1				94		%
Bismuth	209-2				106		%
Boron	10-1	8.24	7.34	8.67	8.08	8.39	ppb
Boron	11-1	8.41	8.47	9.17	8.68	4.86	ppb
Cadmium	111-1	0.17	0.04	0.11	0.11	57.98	ppb
Cadmium	106-1	1.96	0.30	1.31	1.19	70.06	ppb
Cadmium	108-1	0.10	0.02	0.00	0.04	130.23	ppb
Calcium	43-1	6.36	12.00	7.95	8.77	33.12	ppb
Calcium	44-1	8.12	7.71	9.52	8.45	11.29	ppb
Chromium	52-2	0.01	-0.04	0.02	0.00		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00	3443.13	ppb
Copper	63-2	0.02	0.00	0.01	0.01	76.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				109		%
Iron	56-2	1.19	1.24	1.19	1.21	2.70	ppb
Iron	57-2	0.85	2.43	1.25	1.51	54.20	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.06	0.04	42.21	ppb
Lead	207-1	0.06	0.05	0.04	0.05	18.70	ppb
Lead	208-1	0.04	0.03	0.05	0.04	22.80	ppb
Lithium	6-1				107		%
Magnesium	24-2	2.61	1.94	2.81	2.45	18.54	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P7
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:15:35	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.00	0.00	216.45	ppb
Molybdenum	94-1	0.10	0.08	0.10	0.10	9.74	ppb
Molybdenum	95-1	0.07	0.06	0.07	0.07	5.27	ppb
Molybdenum	96-1	0.07	0.07	0.08	0.07	9.13	ppb
Molybdenum	97-1	0.06	0.06	0.07	0.06	8.59	ppb
Molybdenum	98-1	0.04	0.04	0.06	0.05	27.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	-0.05	-0.04		ppb
Phosphorus	31-2	-28.05	-23.87	-34.40	-28.78		ppb
Potassium	39-2	19.03	17.37	19.11	18.50	5.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				114		%
Selenium	77-2	0.00	0.48	0.48	0.32	86.60	ppb
Selenium	78-2	0.06	0.05	0.20	0.10	86.81	ppb
Selenium	82-1	-0.56	-0.60	-0.90	-0.69		ppb
Silicon	28-1	-0.72	-0.88	0.72	-0.30		ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.26	ppb
Silver	107-1	0.02	0.02	0.03	0.02	13.43	ppb
Sodium	23-2	28.67	26.63	25.93	27.08	5.25	ppb
Strontium	86-1	0.09	0.14	0.27	0.17	56.48	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	3.61	ppb
Sulfur	34-1	541.83	524.13	1630.72	898.89	70.51	ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.05	0.04	13.02	ppb
Thallium	205-1	0.04	0.05	0.06	0.05	16.62	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	31.89	ppb
Tin	118-1	0.00	0.04	0.05	0.03	84.98	ppb
Titanium	47-1	0.04	0.02	0.02	0.03	25.35	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	120.13	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	75.25	ppb
Yttrium	89-1				102		%
Yttrium	89-2				111		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P7
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:15:35	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.21	-0.16	-0.18	-0.19		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	55.75	ppb
Zirconium	91-1	0.02	0.02	0.05	0.03	66.53	ppb

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : PB123355BL Instrumnet Name : P7
 Client Sample ID : PB123355BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 17:19:11 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.04	0.89	1.48	1.47	39.34	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	33.36	ppb
Arsenic	75-2	0.00	0.01	-0.03	0.00		ppb
Barium	135-1	0.02	-0.01	0.00	0.00	388.61	ppb
Barium	137-1	0.01	0.02	0.01	0.01	40.30	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	31.63	ppb
Bismuth	209-1				99		%
Bismuth	209-2				106		%
Boron	10-1	4.98	5.32	4.86	5.05	4.64	ppb
Boron	11-1	5.53	5.57	5.59	5.56	0.50	ppb
Cadmium	111-1	0.08	0.04	0.06	0.06	37.06	ppb
Cadmium	106-1	0.99	0.39	0.69	0.69	43.47	ppb
Cadmium	108-1	0.08	0.02	0.02	0.04	100.81	ppb
Calcium	43-1	5.77	6.11	6.49	6.12	5.88	ppb
Calcium	44-1	4.38	5.82	5.11	5.10	14.09	ppb
Chromium	52-2	0.00	0.02	0.00	0.01	249.12	ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	0.01	-0.01	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	0.08	0.09	0.13	0.10	27.01	ppb
Iron	57-2	0.26	-0.34	0.27	0.07	525.82	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.02	0.02	28.37	ppb
Lead	207-1	0.03	0.04	0.03	0.04	15.42	ppb
Lead	208-1	0.02	0.02	0.02	0.02	3.23	ppb
Lithium	6-1				113		%
Magnesium	24-2	0.29	0.36	0.41	0.36	17.58	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123355BL	Instrumnet Name :	P7
Client Sample ID :	PB123355BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:19:11	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	94-1	0.03	0.02	0.03	0.03	32.54	ppb
Molybdenum	95-1	0.03	0.02	0.01	0.02	44.67	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	17.46	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	14.55	ppb
Molybdenum	98-1	0.02	0.03	0.01	0.02	66.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.04	-0.05	-0.05		ppb
Phosphorus	31-2	-30.11	-34.39	-36.47	-33.66		ppb
Potassium	39-2	20.80	19.14	17.52	19.15	8.59	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.10	0.37	0.14	0.14	175.68	ppb
Selenium	82-1	-0.09	-0.61	-0.52	-0.40		ppb
Silicon	28-1	-1.09	-1.10	-1.08	-1.09		ppb
Silver	109-1	0.00	0.01	0.00	0.00	33.18	ppb
Silver	107-1	0.01	0.00	0.01	0.01	77.39	ppb
Sodium	23-2	20.99	20.05	19.64	20.22	3.43	ppb
Strontium	86-1	-0.04	0.13	0.11	0.07	141.22	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	10.35	ppb
Sulfur	34-1	394.07	318.69	442.23	385.00	16.17	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.02	0.02	14.70	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	10.91	ppb
Thorium	232-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.00	-0.01	0.03	0.01	269.96	ppb
Titanium	47-1	0.03	0.04	0.05	0.04	27.45	ppb
Uranium	238-1	-0.01	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				110		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123355BL	Instrumnet Name :	P7
Client Sample ID :	PB123355BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:19:11	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.16	-0.33	-0.30	-0.26		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	40.38	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	344.85	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123360BL	Instrumnet Name :	P7
Client Sample ID :	PB123360BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:22:47	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.92	1.82	2.14	1.96	8.25	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	137.30	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00		ppb
Barium	135-1	0.01	0.01	0.02	0.01	65.43	ppb
Barium	137-1	0.01	0.00	0.01	0.01	111.61	ppb
Beryllium	9-1	0.01	0.02	0.00	0.01	93.55	ppb
Bismuth	209-1				98		%
Bismuth	209-2				105		%
Boron	10-1	3.69	3.53	3.95	3.72	5.61	ppb
Boron	11-1	3.83	3.83	3.72	3.79	1.65	ppb
Cadmium	111-1	0.07	0.09	0.13	0.10	32.57	ppb
Cadmium	106-1	0.87	1.10	1.56	1.18	29.73	ppb
Cadmium	108-1	-0.03	0.03	-0.03	-0.01		ppb
Calcium	43-1	5.58	5.89	4.15	5.21	17.82	ppb
Calcium	44-1	4.66	6.01	4.70	5.12	15.02	ppb
Chromium	52-2	-0.01	0.01	0.02	0.01	208.22	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	200.93	ppb
Copper	63-2	-0.02	-0.02	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	-0.06	0.04	0.06	0.01	422.91	ppb
Iron	57-2	-0.14	0.05	0.17	0.03	607.34	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.03	0.02	36.66	ppb
Lead	207-1	0.04	0.02	0.01	0.02	71.16	ppb
Lead	208-1	0.02	0.01	0.01	0.02	23.76	ppb
Lithium	6-1				113		%
Magnesium	24-2	0.36	0.47	0.91	0.58	50.83	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123360BL	Instrumnet Name :	P7
Client Sample ID :	PB123360BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:22:47	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	0.01	0.00	1531.35	ppb
Molybdenum	94-1	0.01	0.02	0.03	0.02	42.28	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	35.02	ppb
Molybdenum	96-1	0.00	0.02	0.02	0.01	70.95	ppb
Molybdenum	97-1	0.01	0.03	0.02	0.02	58.89	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	136.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.06	-0.05	-0.06		ppb
Phosphorus	31-2	-28.11	-28.12	-13.02	-23.08		ppb
Potassium	39-2	16.98	13.91	11.83	14.24	18.20	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.44	0.13	-0.26	0.10	341.28	ppb
Selenium	82-1	-0.56	-0.01	1.02	0.15	534.36	ppb
Silicon	28-1	-1.04	-1.11	-1.34	-1.16		ppb
Silver	109-1	0.00	0.00	0.01	0.00	143.31	ppb
Silver	107-1	0.01	0.01	0.00	0.01	38.20	ppb
Sodium	23-2	15.09	15.48	15.84	15.47	2.41	ppb
Strontium	86-1	0.06	0.03	0.04	0.04	27.36	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	5.34	ppb
Sulfur	34-1	458.56	541.81	472.08	490.82	9.10	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.01	0.02	22.44	ppb
Thallium	205-1	0.03	0.02	0.03	0.02	6.29	ppb
Thorium	232-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.02	0.02	0.00	0.01	96.61	ppb
Titanium	47-1	0.01	0.05	-0.01	0.02	194.52	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				108		%
Yttrium	89-2				110		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123360BL	Instrumnet Name :	P7
Client Sample ID :	PB123360BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:22:47	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.24	-0.25	-0.28	-0.25		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	96.56	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123355BS	Instrumnet Name :	P7
Client Sample ID :	PB123355BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:26:24	DataFile Name :	032DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9835.03	9850.62	9911.69	9865.78	0.41	ppb
Antimony	121-1	475.69	497.70	495.01	489.47	2.45	ppb
Arsenic	75-2	514.46	514.52	508.06	512.34	0.73	ppb
Barium	135-1	2470.96	2561.73	2578.15	2536.95	2.28	ppb
Barium	137-1	2454.58	2550.62	2547.41	2517.53	2.17	ppb
Beryllium	9-1	488.14	494.38	503.45	495.32	1.55	ppb
Bismuth	209-1				92		%
Bismuth	209-2				96		%
Boron	10-1	466.25	480.25	488.43	478.31	2.34	ppb
Boron	11-1	463.50	474.73	494.37	477.53	3.27	ppb
Cadmium	111-1	463.67	482.11	478.51	474.77	2.06	ppb
Cadmium	106-1	474.18	491.94	489.88	485.33	2.00	ppb
Cadmium	108-1	473.88	480.53	486.00	480.14	1.26	ppb
Calcium	43-1	48052.89	49332.34	49412.00	48932.41	1.56	ppb
Calcium	44-1	48679.35	50248.36	50336.12	49754.61	1.87	ppb
Chromium	52-2	491.78	495.43	494.53	493.91	0.39	ppb
Cobalt	59-2	491.84	500.48	503.00	498.44	1.17	ppb
Copper	63-2	966.44	973.41	980.06	973.30	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	25682.33	25567.40	25740.13	25663.29	0.34	ppb
Iron	57-2	25461.89	25596.52	25513.06	25523.82	0.27	ppb
Krypton	83-1						cps
Lead	206-1	466.39	478.95	474.73	473.36	1.35	ppb
Lead	207-1	465.69	477.95	474.36	472.67	1.33	ppb
Lead	208-1	471.77	485.36	481.76	479.63	1.47	ppb
Lithium	6-1				101		%
Magnesium	24-2	52416.11	52316.14	52282.22	52338.15	0.13	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123355BS	Instrumnet Name :	P7
Client Sample ID :	PB123355BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:26:24	DataFile Name :	032DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	982.69	980.32	984.55	982.52	0.22	ppb
Molybdenum	94-1	2391.66	2478.33	2477.56	2449.18	2.03	ppb
Molybdenum	95-1	2398.11	2480.20	2479.81	2452.71	1.93	ppb
Molybdenum	96-1	2378.99	2466.82	2473.20	2439.67	2.16	ppb
Molybdenum	97-1	2383.24	2469.04	2471.40	2441.23	2.06	ppb
Molybdenum	98-1	2383.37	2474.75	2493.29	2450.47	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.34	503.69	502.99	499.67	1.27	ppb
Phosphorus	31-2	10347.90	9988.16	10176.12	10170.73	1.77	ppb
Potassium	39-2	25098.25	25024.86	25284.88	25136.00	0.53	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	521.76	544.78	531.26	532.60	2.17	ppb
Selenium	78-2	511.71	510.15	503.64	508.50	0.84	ppb
Selenium	82-1	485.94	506.42	505.45	499.27	2.31	ppb
Silicon	28-1	487.07	504.98	515.91	502.65	2.90	ppb
Silver	109-1	480.42	497.06	497.00	491.49	1.95	ppb
Silver	107-1	475.51	495.35	494.32	488.39	2.29	ppb
Sodium	23-2	51452.63	51435.18	51767.37	51551.73	0.36	ppb
Strontium	86-1	480.80	494.76	496.21	490.59	1.73	ppb
Strontium	88-1	478.27	498.38	497.86	491.50	2.33	ppb
Sulfur	34-1	9643.09	9983.09	10219.63	9948.60	2.91	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	485.70	494.28	494.18	491.39	1.00	ppb
Thallium	205-1	478.73	494.13	493.87	488.91	1.80	ppb
Thorium	232-1	471.44	480.50	480.57	477.50	1.10	ppb
Tin	118-1	475.75	498.53	497.46	490.58	2.62	ppb
Titanium	47-1	2387.52	2444.78	2436.72	2423.01	1.28	ppb
Uranium	238-1	466.03	474.50	469.25	469.93	0.91	ppb
Vanadium	51-2	489.91	494.82	496.33	493.69	0.68	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123355BS	Instrumnet Name :	P7
Client Sample ID :	PB123355BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:26:24	DataFile Name :	032DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	944.07	948.77	957.81	950.22	0.73	ppb
Zirconium	90-1	479.99	498.00	497.28	491.76	2.07	ppb
Zirconium	91-1	477.82	496.78	496.41	490.34	2.21	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123360BS	Instrumnet Name :	P7
Client Sample ID :	PB123360BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:30:00	DataFile Name :	033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9773.74	9851.02	9721.07	9781.94	0.67	ppb
Antimony	121-1	491.15	487.45	488.03	488.87	0.41	ppb
Arsenic	75-2	520.30	511.50	515.16	515.65	0.86	ppb
Barium	135-1	2552.87	2535.27	2526.96	2538.37	0.52	ppb
Barium	137-1	2521.06	2510.88	2516.32	2516.09	0.20	ppb
Beryllium	9-1	498.52	495.69	501.00	498.40	0.53	ppb
Bismuth	209-1				92		%
Bismuth	209-2				97		%
Boron	10-1	486.83	500.23	514.24	500.43	2.74	ppb
Boron	11-1	489.22	499.10	511.43	499.91	2.23	ppb
Cadmium	111-1	481.96	474.81	472.19	476.32	1.06	ppb
Cadmium	106-1	485.64	485.09	476.96	482.56	1.01	ppb
Cadmium	108-1	477.80	473.64	480.09	477.18	0.68	ppb
Calcium	43-1	49548.92	49484.50	49198.27	49410.56	0.38	ppb
Calcium	44-1	49876.67	50638.54	50055.55	50190.26	0.79	ppb
Chromium	52-2	493.26	486.67	495.65	491.86	0.95	ppb
Cobalt	59-2	493.00	490.89	496.14	493.34	0.53	ppb
Copper	63-2	973.37	958.35	977.05	969.59	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	25777.08	25414.67	25650.28	25614.01	0.72	ppb
Iron	57-2	25203.63	25191.05	25489.07	25294.58	0.67	ppb
Krypton	83-1						cps
Lead	206-1	486.38	475.76	476.34	479.49	1.25	ppb
Lead	207-1	484.55	472.45	470.46	475.82	1.60	ppb
Lead	208-1	487.25	483.00	481.02	483.76	0.66	ppb
Lithium	6-1				99		%
Magnesium	24-2	52116.46	51372.49	52551.74	52013.56	1.15	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123360BS	Instrumnet Name :	P7
Client Sample ID :	PB123360BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:30:00	DataFile Name :	033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	982.15	977.32	987.41	982.29	0.51	ppb
Molybdenum	94-1	2445.08	2455.88	2433.82	2444.93	0.45	ppb
Molybdenum	95-1	2455.72	2466.02	2447.01	2456.25	0.39	ppb
Molybdenum	96-1	2451.40	2447.01	2431.59	2443.33	0.43	ppb
Molybdenum	97-1	2453.87	2440.99	2438.60	2444.48	0.34	ppb
Molybdenum	98-1	2440.62	2438.35	2439.79	2439.59	0.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.15	490.83	499.52	495.83	0.91	ppb
Phosphorus	31-2	10343.51	10145.09	9791.84	10093.48	2.77	ppb
Potassium	39-2	24873.72	24618.77	25227.20	24906.56	1.23	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	513.90	506.40	524.62	514.97	1.78	ppb
Selenium	78-2	523.46	507.12	522.03	517.53	1.75	ppb
Selenium	82-1	502.68	503.40	498.82	501.63	0.49	ppb
Silicon	28-1	498.99	506.61	509.61	505.07	1.08	ppb
Silver	109-1	491.84	492.44	482.91	489.06	1.09	ppb
Silver	107-1	488.73	484.88	486.02	486.54	0.41	ppb
Sodium	23-2	51539.94	50818.11	51310.11	51222.72	0.72	ppb
Strontium	86-1	489.76	490.93	486.25	488.98	0.50	ppb
Strontium	88-1	493.85	499.29	492.18	495.11	0.75	ppb
Sulfur	34-1	9929.34	9986.12	9986.19	9967.22	0.33	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	498.89	498.54	495.47	497.63	0.38	ppb
Thallium	205-1	494.46	491.36	489.72	491.85	0.49	ppb
Thorium	232-1	481.19	474.77	476.32	477.43	0.70	ppb
Tin	118-1	492.43	490.90	488.33	490.55	0.42	ppb
Titanium	47-1	2422.67	2424.91	2437.45	2428.34	0.33	ppb
Uranium	238-1	475.18	473.91	470.77	473.29	0.48	ppb
Vanadium	51-2	492.33	487.75	495.68	491.92	0.81	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123360BS	Instrumnet Name :	P7
Client Sample ID :	PB123360BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:30:00	DataFile Name :	033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	954.94	931.86	948.93	945.24	1.27	ppb
Zirconium	90-1	492.98	491.32	486.96	490.42	0.63	ppb
Zirconium	91-1	491.51	491.85	481.41	488.26	1.22	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:33:37	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50117.79	49787.97	51294.83	50400.19	1.57	ppb
Antimony	121-1	495.86	500.28	499.61	498.58	0.48	ppb
Arsenic	75-2	518.09	515.62	517.13	516.95	0.24	ppb
Barium	135-1	2502.41	2522.28	2521.49	2515.40	0.45	ppb
Barium	137-1	2464.63	2486.51	2499.51	2483.55	0.71	ppb
Beryllium	9-1	489.11	490.98	489.43	489.84	0.20	ppb
Bismuth	209-1				83		%
Bismuth	209-2				87		%
Boron	10-1	506.44	512.68	527.56	515.56	2.10	ppb
Boron	11-1	509.28	514.16	528.83	517.42	1.97	ppb
Cadmium	111-1	502.96	503.46	507.09	504.50	0.45	ppb
Cadmium	106-1	504.33	508.07	499.66	504.02	0.84	ppb
Cadmium	108-1	510.38	507.91	512.84	510.38	0.48	ppb
Calcium	43-1	239355.40	240642.89	237539.19	239179.16	0.65	ppb
Calcium	44-1	238324.36	238433.01	239381.02	238712.80	0.24	ppb
Chromium	52-2	492.25	496.96	504.45	497.89	1.24	ppb
Cobalt	59-2	504.64	505.71	512.15	507.50	0.80	ppb
Copper	63-2	986.77	981.28	997.68	988.58	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	56-2	121671.04	122909.72	123557.07	122712.61	0.78	ppb
Iron	57-2	121330.26	122447.70	123702.06	122493.34	0.97	ppb
Krypton	83-1						cps
Lead	206-1	487.61	491.36	486.62	488.53	0.51	ppb
Lead	207-1	485.57	490.58	484.81	486.99	0.64	ppb
Lead	208-1	492.49	499.34	492.73	494.85	0.79	ppb
Lithium	6-1				92		%
Magnesium	24-2	246700.47	248976.51	251226.06	248967.68	0.91	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:33:37	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	949.19	965.42	969.26	961.29	1.11	ppb
Molybdenum	94-1	2479.16	2451.84	2458.71	2463.24	0.58	ppb
Molybdenum	95-1	2486.56	2449.80	2470.69	2469.01	0.75	ppb
Molybdenum	96-1	2477.33	2465.79	2455.10	2466.07	0.45	ppb
Molybdenum	97-1	2494.83	2476.62	2475.27	2482.24	0.44	ppb
Molybdenum	98-1	2486.00	2453.74	2468.05	2469.27	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.80	508.18	515.58	509.18	1.17	ppb
Phosphorus	31-2	9858.87	9391.35	10371.63	9873.95	4.97	ppb
Potassium	39-2	124229.33	124548.03	126478.46	125085.27	0.97	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	499.39	505.30	521.47	508.72	2.25	ppb
Selenium	78-2	507.89	509.99	491.24	503.04	2.04	ppb
Selenium	82-1	498.54	500.51	500.94	499.99	0.26	ppb
Silicon	28-1	461.63	469.77	465.84	465.74	0.87	ppb
Silver	109-1	501.86	500.20	503.91	501.99	0.37	ppb
Silver	107-1	496.93	500.50	503.52	500.32	0.66	ppb
Sodium	23-2	246768.99	248392.34	251079.30	248746.88	0.88	ppb
Strontium	86-1	497.50	492.11	487.31	492.31	1.04	ppb
Strontium	88-1	494.37	494.01	490.89	493.09	0.39	ppb
Sulfur	34-1	9968.52	10186.64	10012.73	10055.96	1.15	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	485.63	515.91	486.97	496.17	3.45	ppb
Thallium	205-1	502.95	510.22	502.02	505.06	0.89	ppb
Thorium	232-1	512.37	514.65	508.26	511.76	0.63	ppb
Tin	118-1	524.82	520.63	526.90	524.12	0.61	ppb
Titanium	47-1	2419.62	2416.61	2404.79	2413.68	0.32	ppb
Uranium	238-1	502.39	507.92	500.02	503.44	0.80	ppb
Vanadium	51-2	487.46	490.68	499.16	492.43	1.23	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:33:37	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	986.06	979.97	1003.93	989.98	1.26	ppb
Zirconium	90-1	501.41	495.30	493.25	496.65	0.85	ppb
Zirconium	91-1	498.01	494.51	491.30	494.61	0.68	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P7
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:47:07	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.00	2.79	1.46	1.75	53.20	ppb
Antimony	121-1	0.10	0.11	0.12	0.11	9.79	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	3.70	ppb
Barium	135-1	0.04	0.04	0.02	0.03	46.09	ppb
Barium	137-1	0.03	0.05	0.02	0.03	44.70	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	1.51	ppb
Bismuth	209-1				97		%
Bismuth	209-2				105		%
Boron	10-1	9.41	8.89	7.63	8.64	10.61	ppb
Boron	11-1	8.80	8.41	7.67	8.29	6.90	ppb
Cadmium	111-1	0.06	0.08	0.09	0.08	18.13	ppb
Cadmium	106-1	0.69	0.96	0.94	0.86	17.45	ppb
Cadmium	108-1	0.02	0.03	0.03	0.03	32.98	ppb
Calcium	43-1	5.21	3.87	5.74	4.94	19.48	ppb
Calcium	44-1	7.48	7.47	7.03	7.33	3.55	ppb
Chromium	52-2	0.00	0.02	0.00	0.00	232.35	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	355.62	ppb
Copper	63-2	-0.01	-0.02	0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	56-2	0.78	0.79	0.88	0.82	6.56	ppb
Iron	57-2	0.78	-0.32	1.15	0.54	142.06	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.03	0.02	50.88	ppb
Lead	207-1	0.02	0.01	0.04	0.02	69.23	ppb
Lead	208-1	0.02	0.01	0.03	0.02	32.08	ppb
Lithium	6-1				108		%
Magnesium	24-2	2.14	2.07	1.92	2.04	5.66	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P7
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:47:07	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.01	0.01	0.00	261.74	ppb
Molybdenum	94-1	0.09	0.10	0.07	0.09	14.83	ppb
Molybdenum	95-1	0.10	0.07	0.06	0.08	30.08	ppb
Molybdenum	96-1	0.07	0.06	0.08	0.07	17.20	ppb
Molybdenum	97-1	0.06	0.08	0.07	0.07	10.53	ppb
Molybdenum	98-1	0.08	0.07	0.06	0.07	15.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.05	-0.06	-0.05		ppb
Phosphorus	31-2	-32.15	-23.25	-32.27	-29.22		ppb
Potassium	39-2	23.85	28.00	23.30	25.05	10.26	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.06	0.22	0.22	0.17	54.59	ppb
Selenium	82-1	-0.62	-0.29	-0.49	-0.47		ppb
Silicon	28-1	-0.33	-0.80	-0.81	-0.65		ppb
Silver	109-1	0.00	0.01	0.00	0.00	27.87	ppb
Silver	107-1	0.02	0.01	0.01	0.01	47.61	ppb
Sodium	23-2	29.58	29.65	29.79	29.67	0.37	ppb
Strontium	86-1	0.12	-0.04	0.12	0.06	139.40	ppb
Strontium	88-1	0.03	0.02	0.02	0.02	20.59	ppb
Sulfur	34-1	713.79	523.41	356.40	531.20	33.66	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.02	0.03	0.03	31.13	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	12.52	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	23.50	ppb
Tin	118-1	0.03	0.03	0.02	0.03	25.49	ppb
Titanium	47-1	0.06	0.00	0.01	0.03	129.63	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	264.99	ppb
Yttrium	89-1				106		%
Yttrium	89-2				109		%

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P7
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:47:07	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.26	-0.29	-0.32	-0.29		ppb
Zirconium	90-1	0.01	0.01	0.02	0.02	9.02	ppb
Zirconium	91-1	-0.01	0.03	0.03	0.02	136.66	ppb

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 14:53:02	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	42	100	86	45.73	cps
Antimony	121-1	325	292	342	319	7.97	cps
Arsenic	75-2	7	7	4	6	34.70	cps
Barium	135-1	83	58	17	53	63.81	cps
Barium	137-1	83	33	42	53	50.75	cps
Beryllium	9-1	80	80	77	79	2.44	cps
Bismuth	209-1	10601230	10793345	10771832	10722135	0.98	cps
Bismuth	209-2	4730708	4754106	4735249	4740021	0.26	cps
Boron	10-1	1225	1117	858	1067	17.66	cps
Boron	11-1	4918	4626	4593	4712	3.80	cps
Cadmium	111-1	3126	3291	3146	3188	2.83	cps
Cadmium	106-1	4434	4634	4451	4506	2.46	cps
Cadmium	108-1	4	4	17	8	86.57	cps
Calcium	43-1	150	67	92	103	41.61	cps
Calcium	44-1	5268	5301	5251	5273	0.48	cps
Chromium	52-2	363	413	447	408	10.29	cps
Cobalt	59-2	47	57	70	58	20.26	cps
Copper	63-2	620	613	647	627	2.81	cps
Dysprosium	156-1	17	25	50	31	56.77	cps
Dysprosium	156-2	17	23	30	23	28.56	cps
Erbium	164-1	42	75	33	50	44.10	cps
Erbium	164-2	67	73	53	64	15.80	cps
Gadolinium	160-1	117	100	92	103	12.38	cps
Gadolinium	160-2	170	187	183	180	4.90	cps
Holmium	165-1	14427224	14557911	14609978	14531704	0.65	cps
Holmium	165-2	6090389	6149500	6154152	6131347	0.58	cps
Indium	115-1	9953667	10146854	10038534	10046352	0.96	cps
Indium	115-2	1409632	1430262	1434549	1424814	0.93	cps
Iron	56-2	1633	1500	1672	1602	5.64	cps
Iron	57-2	83	33	50	56	45.83	cps
Krypton	83-1	1843	1717	1790	1783	3.57	cps
Lead	206-1	1200	1189	1411	1267	9.89	cps
Lead	207-1	1122	1206	1078	1135	5.71	cps
Lead	208-1	4328	4534	4589	4484	3.07	cps
Lithium	6-1	2895192	2926721	2921598	2914504	0.58	cps
Magnesium	24-2	208	217	225	217	3.85	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 14:53:02	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	57	40	40	41.68	cps
Molybdenum	94-1	275	283	292	283	2.94	cps
Molybdenum	95-1	100	100	58	86	27.93	cps
Molybdenum	96-1	200	108	200	169	31.23	cps
Molybdenum	97-1	83	75	33	64	41.93	cps
Molybdenum	98-1	183	158	150	164	10.58	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	17	0	20	12	87.67	cps
Nickel	60-2	157	120	117	131	16.93	cps
Phosphorus	31-2	50	42	67	53	24.12	cps
Potassium	39-2	8636	8486	8953	8692	2.74	cps
Rhodium	103-1	8803008	8893557	8881555	8859374	0.56	cps
Rhodium	103-2	3752541	3792393	3799453	3781462	0.67	cps
Scandium	45-1	5246806	5246477	5273937	5255740	0.30	cps
Scandium	45-2	190788	189251	190568	190203	0.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	13	13	12	8.65	cps
Selenium	82-1	33	40	49	41	19.96	cps
Silicon	28-1	83466	82050	82485	82667	0.88	cps
Silver	109-1	125	92	75	97	26.19	cps
Silver	107-1	117	158	108	128	20.96	cps
Sodium	23-2	10145	9787	9912	9948	1.83	cps
Strontium	86-1	2950	2867	3334	3050	8.16	cps
Strontium	88-1	533	550	617	567	7.78	cps
Sulfur	34-1	408474	408631	413632	410246	0.72	cps
Terbium	159-1	14906265	15030440	14965848	14967518	0.41	cps
Terbium	159-2	6095740	6095136	6114747	6101874	0.18	cps
Thallium	203-1	867	883	1100	950	13.70	cps
Thallium	205-1	1525	1233	1217	1325	13.09	cps
Thorium	232-1	3195	3534	3701	3476	7.41	cps
Tin	118-1	1308	1308	1133	1250	8.08	cps
Titanium	47-1	92	67	33	64	45.80	cps
Uranium	238-1	3676	3751	3317	3581	6.47	cps
Vanadium	51-2	3	7	13	8	65.47	cps
Yttrium	89-1	9450042	9507229	9464195	9473822	0.31	cps
Yttrium	89-2	999985	1017835	1009348	1009056	0.88	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 14:53:02	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	353	267	317	312	13.93	cps
Zirconium	90-1	775	875	825	825	6.06	cps
Zirconium	91-1	167	142	158	156	8.18	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 14:56:38	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1834	1617	1742	1731	6.28	cps
Antimony	121-1	19531	19389	19222	19381	0.80	cps
Arsenic	75-2	246	257	222	242	7.43	cps
Barium	135-1	23220	22844	23946	23337	2.40	cps
Barium	137-1	40126	41154	42249	41176	2.58	cps
Beryllium	9-1	1977	2040	2137	2051	3.93	cps
Bismuth	209-1	10027983	10024764	9984339	10012362	0.24	cps
Bismuth	209-2	4805263	4766794	4752572	4774877	0.57	cps
Boron	10-1	9528	8878	9420	9275	3.76	cps
Boron	11-1	43773	42302	44215	43430	2.31	cps
Cadmium	111-1	6162	6411	6365	6313	2.10	cps
Cadmium	106-1	5109	4993	5260	5121	2.61	cps
Cadmium	108-1	229	233	263	242	7.52	cps
Calcium	43-1	12372	13073	12990	12812	2.99	cps
Calcium	44-1	214288	217180	214593	215354	0.74	cps
Chromium	52-2	5341	5148	5161	5217	2.07	cps
Cobalt	59-2	4161	4104	4227	4164	1.48	cps
Copper	63-2	6972	6608	6585	6722	3.23	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	17	37	10	21	65.74	cps
Erbium	164-1	100	50	67	72	35.26	cps
Erbium	164-2	70	67	60	66	7.77	cps
Gadolinium	160-1	75	42	142	86	59.13	cps
Gadolinium	160-2	187	170	163	173	6.93	cps
Holmium	165-1	13935985	13936899	13755238	13876041	0.75	cps
Holmium	165-2	5824842	5755060	5731910	5770604	0.84	cps
Indium	115-1	9625233	9554853	9679344	9619810	0.65	cps
Indium	115-2	1446375	1434227	1426774	1435792	0.69	cps
Iron	56-2	114403	115170	114974	114849	0.35	cps
Iron	57-2	2956	2734	2778	2823	4.17	cps
Krypton	83-1	1934	1910	1873	1906	1.59	cps
Lead	206-1	10799	10749	10638	10729	0.77	cps
Lead	207-1	10543	10099	10399	10347	2.19	cps
Lead	208-1	45098	44464	45170	44910	0.87	cps
Lithium	6-1	2950353	2927917	2967246	2948505	0.67	cps
Magnesium	24-2	102919	103522	103572	103338	0.35	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 14:56:38	DataFile Name :	003CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1470	1513	1510	1498	1.61	cps
Molybdenum	94-1	19222	18605	19063	18963	1.69	cps
Molybdenum	95-1	23678	23787	23779	23748	0.26	cps
Molybdenum	96-1	26459	26258	26526	26414	0.53	cps
Molybdenum	97-1	14775	14950	15150	14958	1.26	cps
Molybdenum	98-1	38904	38302	37425	38210	1.95	cps
Neodymium	150-1	13	20	27	20	33.35	cps
Neodymium	150-2	3	3	20	9	108.30	cps
Nickel	60-2	1327	1243	1223	1265	4.33	cps
Phosphorus	31-2	325	250	208	261	22.64	cps
Potassium	39-2	77947	79111	77334	78131	1.15	cps
Rhodium	103-1	8508072	8454855	8580528	8514485	0.74	cps
Rhodium	103-2	3811299	3821078	3814726	3815701	0.13	cps
Scandium	45-1	5205463	5235765	5233378	5224869	0.32	cps
Scandium	45-2	193790	193040	192858	193229	0.26	cps
Selenium	77-2	30	33	13	26	41.94	cps
Selenium	78-2	137	146	141	141	3.30	cps
Selenium	82-1	1072	961	989	1007	5.75	cps
Silicon	28-1	130078	131053	130305	130479	0.39	cps
Silver	109-1	10338	10546	10821	10568	2.30	cps
Silver	107-1	10896	10721	11322	10980	2.81	cps
Sodium	23-2	199517	198453	200935	199635	0.62	cps
Strontium	86-1	5968	6043	5793	5935	2.16	cps
Strontium	88-1	26099	25373	25457	25643	1.55	cps
Sulfur	34-1	420311	415407	415448	417055	0.68	cps
Terbium	159-1	14373891	14227752	14271993	14291212	0.52	cps
Terbium	159-2	5779581	5745342	5781239	5768721	0.35	cps
Thallium	203-1	13357	13023	13132	13171	1.29	cps
Thallium	205-1	31497	30369	30361	30742	2.13	cps
Thorium	232-1	44103	43835	42347	43428	2.18	cps
Tin	118-1	43886	44496	47022	45135	3.68	cps
Titanium	47-1	6135	6552	6118	6268	3.92	cps
Uranium	238-1	51093	48750	48340	49394	3.01	cps
Vanadium	51-2	9563	9650	9440	9551	1.11	cps
Yttrium	89-1	9170619	9153874	9216628	9180374	0.35	cps
Yttrium	89-2	1023877	1010335	1024107	1019440	0.77	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 14:56:38	DataFile Name :	003CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1287	1250	1220	1252	2.67	cps
Zirconium	90-1	14149	13807	13807	13921	1.42	cps
Zirconium	91-1	3067	3267	3242	3192	3.41	cps

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 15:01:13 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75575	76420	74101	75365	1.56	cps
Antimony	121-1	494341	485801	490979	490374	0.88	cps
Arsenic	75-2	11062	11119	11177	11119	0.52	cps
Barium	135-1	568846	559251	562423	563507	0.87	cps
Barium	137-1	1009137	986387	1003111	999545	1.18	cps
Beryllium	9-1	99375	98859	99372	99202	0.30	cps
Bismuth	209-1	9780340	9771432	9752818	9768197	0.14	cps
Bismuth	209-2	4600916	4558065	4639202	4599394	0.88	cps
Boron	10-1	18704	17302	18287	18098	3.98	cps
Boron	11-1	84981	84361	83882	84408	0.65	cps
Cadmium	111-1	151451	150527	151142	151040	0.31	cps
Cadmium	106-1	21976	21801	21083	21620	2.19	cps
Cadmium	108-1	11680	11609	11751	11680	0.61	cps
Calcium	43-1	131582	128612	130144	130113	1.14	cps
Calcium	44-1	2128686	2094403	2102397	2108495	0.85	cps
Chromium	52-2	116462	116220	115855	116179	0.26	cps
Cobalt	59-2	198871	198115	199313	198766	0.30	cps
Copper	63-2	287245	283829	288944	286672	0.91	cps
Dysprosium	156-1	50	33	33	39	24.74	cps
Dysprosium	156-2	37	50	23	37	36.37	cps
Erbium	164-1	75	50	42	56	31.22	cps
Erbium	164-2	73	83	70	76	9.18	cps
Gadolinium	160-1	117	67	117	100	28.87	cps
Gadolinium	160-2	150	123	177	150	17.78	cps
Holmium	165-1	13779364	13446344	13752272	13659327	1.35	cps
Holmium	165-2	5628970	5532042	5618063	5593025	0.95	cps
Indium	115-1	9381260	9241608	9306146	9309671	0.75	cps
Indium	115-2	1355177	1357829	1372670	1361892	0.69	cps
Iron	56-2	5063428	5030858	5048866	5047717	0.32	cps
Iron	57-2	127281	126753	126956	126997	0.21	cps
Krypton	83-1	1707	1773	1933	1805	6.46	cps
Lead	206-1	505528	497863	503253	502215	0.78	cps
Lead	207-1	454749	451201	451237	452396	0.45	cps
Lead	208-1	2065714	2037609	2066911	2056745	0.81	cps
Lithium	6-1	2906089	2866870	2881475	2884811	0.69	cps
Magnesium	24-2	960609	962967	969475	964351	0.48	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:01:13	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	135927	133782	134098	134602	0.86	cps
Molybdenum	94-1	942127	942900	951925	945651	0.58	cps
Molybdenum	95-1	1193045	1174765	1182615	1183475	0.77	cps
Molybdenum	96-1	1322921	1306824	1308620	1312788	0.67	cps
Molybdenum	97-1	744676	745356	740945	743659	0.32	cps
Molybdenum	98-1	1951014	1934538	1938067	1941206	0.45	cps
Neodymium	150-1	120	73	87	93	25.75	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	53337	52501	52684	52840	0.83	cps
Phosphorus	31-2	3476	3759	3567	3601	4.02	cps
Potassium	39-2	339188	342470	338722	340127	0.60	cps
Rhodium	103-1	8269172	8196089	8226871	8230710	0.45	cps
Rhodium	103-2	3593943	3598515	3622148	3604869	0.42	cps
Scandium	45-1	5138606	5040587	5046383	5075192	1.08	cps
Scandium	45-2	184493	184345	184432	184423	0.04	cps
Selenium	77-2	323	327	337	329	2.11	cps
Selenium	78-2	1132	1115	1100	1115	1.41	cps
Selenium	82-1	10134	9874	9859	9956	1.55	cps
Silicon	28-1	390667	388131	392614	390471	0.58	cps
Silver	109-1	616954	610675	611854	613161	0.54	cps
Silver	107-1	635895	636189	633817	635300	0.20	cps
Sodium	23-2	1823367	1832663	1844174	1833401	0.57	cps
Strontium	86-1	146162	141610	146422	144731	1.87	cps
Strontium	88-1	1237397	1224733	1227096	1229742	0.55	cps
Sulfur	34-1	452140	454826	447604	451523	0.81	cps
Terbium	159-1	14160596	13805141	13937015	13967584	1.29	cps
Terbium	159-2	5607353	5553128	5624349	5594943	0.66	cps
Thallium	203-1	610044	604575	613980	609533	0.77	cps
Thallium	205-1	1480659	1463991	1478529	1474393	0.62	cps
Thorium	232-1	2266117	2261813	2245664	2257865	0.48	cps
Tin	118-1	428947	423195	419950	424031	1.07	cps
Titanium	47-1	285930	286288	285649	285956	0.11	cps
Uranium	238-1	2387871	2344763	2347469	2360034	1.02	cps
Vanadium	51-2	87631	87038	86206	86959	0.82	cps
Yttrium	89-1	9020352	8875067	8943489	8946303	0.81	cps
Yttrium	89-2	963156	962552	977939	967882	0.90	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:01:13	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	46661	45093	46925	46226	2.14	cps
Zirconium	90-1	729492	734257	736630	733460	0.50	cps
Zirconium	91-1	163329	163828	164374	163844	0.32	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:05:11	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183544	185175	180989	183236	1.15	cps
Antimony	121-1	1203811	1196991	1197180	1199327	0.32	cps
Arsenic	75-2	27059	26901	26882	26947	0.36	cps
Barium	135-1	1373920	1375962	1372097	1373993	0.14	cps
Barium	137-1	2430054	2424748	2416625	2423809	0.28	cps
Beryllium	9-1	239015	239870	238959	239281	0.21	cps
Bismuth	209-1	9570204	9526427	9578761	9558464	0.29	cps
Bismuth	209-2	4462465	4490188	4462784	4471812	0.36	cps
Boron	10-1	42368	42878	41024	42090	2.28	cps
Boron	11-1	194148	199270	197793	197070	1.34	cps
Cadmium	111-1	358816	356993	358394	358068	0.27	cps
Cadmium	106-1	45992	46109	44755	45619	1.64	cps
Cadmium	108-1	28475	28792	27932	28400	1.53	cps
Calcium	43-1	314307	316303	314244	314951	0.37	cps
Calcium	44-1	5127236	5135837	5078130	5113734	0.61	cps
Chromium	52-2	279733	281895	279396	280341	0.48	cps
Cobalt	59-2	478355	477080	475370	476935	0.31	cps
Copper	63-2	687942	692423	687804	689390	0.38	cps
Dysprosium	156-1	92	42	33	56	56.79	cps
Dysprosium	156-2	27	33	40	33	20.00	cps
Erbium	164-1	58	75	125	86	40.29	cps
Erbium	164-2	63	73	63	67	8.66	cps
Gadolinium	160-1	92	58	92	81	23.89	cps
Gadolinium	160-2	153	147	150	150	2.22	cps
Holmium	165-1	13380264	13140502	13404359	13308375	1.10	cps
Holmium	165-2	5470404	5472032	5440591	5461009	0.32	cps
Indium	115-1	9064346	9048377	9016476	9043066	0.27	cps
Indium	115-2	1325285	1315697	1317995	1319659	0.38	cps
Iron	56-2	12292671	12243515	12270747	12268977	0.20	cps
Iron	57-2	307311	303298	308306	306305	0.87	cps
Krypton	83-1	1750	1820	1600	1723	6.52	cps
Lead	206-1	1213880	1204947	1230075	1216300	1.05	cps
Lead	207-1	1098073	1095664	1109068	1100935	0.65	cps
Lead	208-1	4993291	4978310	5051796	5007799	0.78	cps
Lithium	6-1	2820153	2813914	2791689	2808585	0.53	cps
Magnesium	24-2	2336703	2337573	2336769	2337015	0.02	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:05:11	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	324671	325433	325264	325123	0.12	cps
Molybdenum	94-1	2314915	2287767	2292035	2298239	0.64	cps
Molybdenum	95-1	2890962	2899951	2893332	2894748	0.16	cps
Molybdenum	96-1	3199336	3208502	3165988	3191276	0.70	cps
Molybdenum	97-1	1817762	1828909	1808562	1818411	0.56	cps
Molybdenum	98-1	4727178	4752076	4733145	4737466	0.27	cps
Neodymium	150-1	193	147	133	158	19.97	cps
Neodymium	150-2	17	23	27	22	22.91	cps
Nickel	60-2	126083	126994	125750	126276	0.51	cps
Phosphorus	31-2	8394	7977	8686	8353	4.26	cps
Potassium	39-2	811865	815381	812645	813297	0.23	cps
Rhodium	103-1	7930128	7965132	7936167	7943809	0.24	cps
Rhodium	103-2	3506920	3493057	3490327	3496768	0.25	cps
Scandium	45-1	4885543	4909298	4893377	4896073	0.25	cps
Scandium	45-2	178639	178740	179354	178911	0.22	cps
Selenium	77-2	750	770	710	743	4.11	cps
Selenium	78-2	2632	2521	2498	2550	2.80	cps
Selenium	82-1	23826	23840	24330	23999	1.20	cps
Silicon	28-1	836042	856693	867655	853463	1.88	cps
Silver	109-1	1471086	1471210	1463714	1468670	0.29	cps
Silver	107-1	1527643	1532777	1526829	1529083	0.21	cps
Sodium	23-2	4474107	4458754	4432794	4455218	0.47	cps
Strontium	86-1	344715	344677	348529	345974	0.64	cps
Strontium	88-1	3014160	2981241	3012932	3002778	0.62	cps
Sulfur	34-1	499969	500764	497582	499439	0.33	cps
Terbium	159-1	13696692	13658508	13709322	13688174	0.19	cps
Terbium	159-2	5485293	5494614	5455965	5478624	0.37	cps
Thallium	203-1	1500457	1473830	1489775	1488020	0.90	cps
Thallium	205-1	3582568	3548073	3604905	3578515	0.80	cps
Thorium	232-1	5610520	5616420	5591137	5606026	0.24	cps
Tin	118-1	1034037	1037878	1028118	1033345	0.48	cps
Titanium	47-1	693538	690177	689989	691235	0.29	cps
Uranium	238-1	5824439	5899671	5838954	5854355	0.68	cps
Vanadium	51-2	209890	212694	212676	211753	0.76	cps
Yttrium	89-1	8709638	8705941	8715417	8710332	0.05	cps
Yttrium	89-2	944319	940291	944190	942933	0.24	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:05:11	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	111676	111743	110313	111244	0.73	cps
Zirconium	90-1	1786230	1794220	1805187	1795212	0.53	cps
Zirconium	91-1	401014	400804	398763	400194	0.31	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:09:02	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	353954	346676	348499	349710	1.08	cps
Antimony	121-1	2352411	2340593	2347675	2346893	0.25	cps
Arsenic	75-2	52096	51766	51946	51936	0.32	cps
Barium	135-1	2679436	2690166	2685580	2685060	0.20	cps
Barium	137-1	4707914	4726320	4735448	4723227	0.30	cps
Beryllium	9-1	456546	457019	448929	454165	1.00	cps
Bismuth	209-1	9291017	9358999	9445705	9365241	0.83	cps
Bismuth	209-2	4424488	4415451	4377965	4405968	0.56	cps
Boron	10-1	78111	78981	79434	78842	0.85	cps
Boron	11-1	370125	373718	379937	374593	1.33	cps
Cadmium	111-1	694157	690780	693813	692917	0.27	cps
Cadmium	106-1	84938	83781	83278	83999	1.01	cps
Cadmium	108-1	54392	55191	55287	54956	0.89	cps
Calcium	43-1	607962	600192	597462	601872	0.91	cps
Calcium	44-1	9860717	9815149	9838240	9838035	0.23	cps
Chromium	52-2	544111	540445	536842	540466	0.67	cps
Cobalt	59-2	920284	916853	915955	917697	0.25	cps
Copper	63-2	1312891	1315308	1322987	1317062	0.40	cps
Dysprosium	156-1	67	42	92	67	37.50	cps
Dysprosium	156-2	53	67	57	59	11.79	cps
Erbium	164-1	108	50	75	78	37.63	cps
Erbium	164-2	53	110	50	71	47.42	cps
Gadolinium	160-1	92	100	50	81	33.25	cps
Gadolinium	160-2	200	170	163	178	10.99	cps
Holmium	165-1	13168832	13159530	13407144	13245169	1.06	cps
Holmium	165-2	5514306	5468204	5385339	5455950	1.20	cps
Indium	115-1	8842177	8729573	8863450	8811733	0.82	cps
Indium	115-2	1283224	1283803	1289615	1285547	0.27	cps
Iron	56-2	23956646	23799366	23665662	23807225	0.61	cps
Iron	57-2	596818	592457	596907	595394	0.43	cps
Krypton	83-1	1807	1713	1723	1748	2.93	cps
Lead	206-1	2374161	2389252	2406906	2390106	0.69	cps
Lead	207-1	2149489	2149191	2171758	2156813	0.60	cps
Lead	208-1	9762964	9805764	9878688	9815805	0.60	cps
Lithium	6-1	2687731	2687609	2686777	2687372	0.02	cps
Magnesium	24-2	4590164	4537657	4550039	4559287	0.60	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:09:02	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	634158	629543	627472	630391	0.54	cps
Molybdenum	94-1	4438110	4463070	4475421	4458867	0.43	cps
Molybdenum	95-1	5547217	5611403	5645476	5601365	0.89	cps
Molybdenum	96-1	6100998	6213836	6220788	6178540	1.09	cps
Molybdenum	97-1	3473823	3488843	3505558	3489408	0.45	cps
Molybdenum	98-1	9179882	9215391	9265019	9220097	0.46	cps
Neodymium	150-1	287	300	187	258	24.03	cps
Neodymium	150-2	50	20	43	38	41.70	cps
Nickel	60-2	240526	240356	242413	241098	0.47	cps
Phosphorus	31-2	16118	16151	15475	15915	2.39	cps
Potassium	39-2	1570030	1563714	1569736	1567827	0.23	cps
Rhodium	103-1	7616634	7592621	7736891	7648715	1.01	cps
Rhodium	103-2	3394134	3417042	3406635	3405937	0.34	cps
Scandium	45-1	4727917	4693510	4730404	4717277	0.44	cps
Scandium	45-2	176609	175505	174026	175380	0.74	cps
Selenium	77-2	1570	1443	1387	1467	6.40	cps
Selenium	78-2	5055	5079	5142	5092	0.88	cps
Selenium	82-1	46239	47243	46467	46650	1.13	cps
Silicon	28-1	1602678	1614835	1625743	1614419	0.71	cps
Silver	109-1	2820712	2835338	2810296	2822116	0.45	cps
Silver	107-1	2914965	2926078	2939286	2926776	0.42	cps
Sodium	23-2	8685085	8648208	8666659	8666651	0.21	cps
Strontium	86-1	667608	664892	672466	668322	0.57	cps
Strontium	88-1	5808039	5788204	5786206	5794150	0.21	cps
Sulfur	34-1	593815	589300	593426	592180	0.42	cps
Terbium	159-1	13534964	13511246	13706527	13584246	0.78	cps
Terbium	159-2	5478449	5466681	5448842	5464657	0.27	cps
Thallium	203-1	2929653	2922771	2937588	2930004	0.25	cps
Thallium	205-1	7040371	7071308	7147076	7086252	0.77	cps
Thorium	232-1	11216258	11163256	11323809	11234441	0.73	cps
Tin	118-1	2020762	1996251	2016904	2011306	0.66	cps
Titanium	47-1	1329248	1325108	1320160	1324839	0.34	cps
Uranium	238-1	11618594	11583027	11566054	11589225	0.23	cps
Vanadium	51-2	411826	410800	407391	410006	0.57	cps
Yttrium	89-1	8481633	8517611	8458231	8485825	0.35	cps
Yttrium	89-2	926245	922404	924977	924542	0.21	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:09:02	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	213311	212992	212520	212941	0.19	cps
Zirconium	90-1	3461035	3473295	3463021	3465783	0.19	cps
Zirconium	91-1	768065	771681	773447	771064	0.36	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:12:52	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	694975	698440	685725	693047	0.95	cps
Antimony	121-1	4567337	4627598	4634303	4609746	0.80	cps
Arsenic	75-2	101611	102295	101302	101736	0.50	cps
Barium	135-1	5296075	5265358	5275261	5278898	0.30	cps
Barium	137-1	9416006	9472289	9397118	9428471	0.41	cps
Beryllium	9-1	874672	895782	893602	888019	1.31	cps
Bismuth	209-1	9080148	9305257	9212497	9199301	1.23	cps
Bismuth	209-2	4292683	4293122	4305686	4297164	0.17	cps
Boron	10-1	150096	158438	157623	155386	2.96	cps
Boron	11-1	715476	745586	737126	732729	2.12	cps
Cadmium	111-1	1338177	1344312	1355850	1346113	0.67	cps
Cadmium	106-1	157061	159380	158890	158444	0.77	cps
Cadmium	108-1	107236	107306	107105	107216	0.10	cps
Calcium	43-1	1192309	1194323	1204359	1196997	0.54	cps
Calcium	44-1	19434001	19517055	19517375	19489477	0.25	cps
Chromium	52-2	1059739	1059588	1048541	1055956	0.61	cps
Cobalt	59-2	1775079	1783920	1781372	1780124	0.26	cps
Copper	63-2	2547048	2542415	2517983	2535815	0.62	cps
Dysprosium	156-1	275	300	217	264	16.21	cps
Dysprosium	156-2	133	143	130	136	5.12	cps
Erbium	164-1	167	142	142	150	9.63	cps
Erbium	164-2	100	93	83	92	9.10	cps
Gadolinium	160-1	158	192	183	178	9.76	cps
Gadolinium	160-2	207	177	197	193	7.90	cps
Holmium	165-1	13113055	13203052	13295144	13203750	0.69	cps
Holmium	165-2	5409178	5396714	5407743	5404545	0.13	cps
Indium	115-1	8545351	8665025	8689417	8633264	0.89	cps
Indium	115-2	1243044	1250256	1245441	1246247	0.29	cps
Iron	56-2	46145284	46370543	46165502	46227110	0.27	cps
Iron	57-2	1154461	1163069	1157833	1158454	0.37	cps
Krypton	83-1	1700	1677	1757	1711	2.40	cps
Lead	206-1	4650835	4723802	4744413	4706350	1.04	cps
Lead	207-1	4231939	4262327	4274927	4256397	0.52	cps
Lead	208-1	19276178	19584934	19502347	19454486	0.82	cps
Lithium	6-1	2618262	2638453	2621655	2626123	0.41	cps
Magnesium	24-2	8932294	8982242	8894828	8936455	0.49	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:12:52	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1235094	1239317	1225270	1233227	0.58	cps
Molybdenum	94-1	8789334	8870452	8883859	8847882	0.58	cps
Molybdenum	95-1	11078054	11093435	11157649	11109713	0.38	cps
Molybdenum	96-1	12208436	12356224	12351199	12305286	0.68	cps
Molybdenum	97-1	6942475	6982279	6999394	6974716	0.42	cps
Molybdenum	98-1	18189892	18238096	18303334	18243774	0.31	cps
Neodymium	150-1	573	673	800	682	16.65	cps
Neodymium	150-2	113	113	97	108	8.93	cps
Nickel	60-2	465924	466110	462936	464990	0.38	cps
Phosphorus	31-2	31267	31209	31325	31267	0.19	cps
Potassium	39-2	3121304	3101447	3104849	3109200	0.34	cps
Rhodium	103-1	7376254	7446531	7414143	7412310	0.47	cps
Rhodium	103-2	3269888	3276081	3262010	3269326	0.22	cps
Scandium	45-1	4665692	4688351	4642881	4665641	0.49	cps
Scandium	45-2	171559	171947	170340	171282	0.49	cps
Selenium	77-2	2864	2657	2837	2786	4.04	cps
Selenium	78-2	9935	9774	9436	9715	2.62	cps
Selenium	82-1	90324	90922	91025	90757	0.42	cps
Silicon	28-1	3134654	3201026	3190548	3175409	1.12	cps
Silver	109-1	5487072	5547013	5410389	5481491	1.25	cps
Silver	107-1	5726029	5774704	5775254	5758662	0.49	cps
Sodium	23-2	17200304	17188798	17042474	17143858	0.51	cps
Strontium	86-1	1315238	1331520	1318215	1321658	0.66	cps
Strontium	88-1	11455779	11627005	11577415	11553400	0.76	cps
Sulfur	34-1	798791	803912	802010	801571	0.32	cps
Terbium	159-1	13375714	13571152	13505153	13484007	0.74	cps
Terbium	159-2	5417040	5355769	5359437	5377415	0.64	cps
Thallium	203-1	5849892	5944213	5907515	5900540	0.81	cps
Thallium	205-1	13986089	14246435	14238154	14156893	1.05	cps
Thorium	232-1	22173771	22600398	22868389	22547519	1.55	cps
Tin	118-1	3902722	3919604	3952512	3924946	0.65	cps
Titanium	47-1	2618826	2622392	2610356	2617191	0.24	cps
Uranium	238-1	23088192	23476097	23544226	23369505	1.05	cps
Vanadium	51-2	805037	812771	805629	807812	0.53	cps
Yttrium	89-1	8253260	8369453	8341270	8321328	0.73	cps
Yttrium	89-2	903280	904214	905208	904234	0.11	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:12:52	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	415422	414109	410611	413380	0.60	cps
Zirconium	90-1	6840283	6932072	6902236	6891530	0.68	cps
Zirconium	91-1	1506071	1518656	1514932	1513219	0.43	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:16:39	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1307807	1310423	1321880	1313370	0.57	cps
Antimony	121-1	9089416	9159254	9029161	9092610	0.72	cps
Arsenic	75-2	191595	190984	193409	191996	0.66	cps
Barium	135-1	10339013	10429868	10305662	10358181	0.62	cps
Barium	137-1	18258500	18373414	18242001	18291305	0.39	cps
Beryllium	9-1	1658046	1656087	1652665	1655600	0.16	cps
Bismuth	209-1	8848084	8928884	8803534	8860167	0.72	cps
Bismuth	209-2	4065266	4079351	4102912	4082510	0.47	cps
Boron	10-1	293205	300145	303286	298879	1.73	cps
Boron	11-1	1398756	1423755	1433044	1418519	1.25	cps
Cadmium	111-1	2731853	2745032	2735680	2737522	0.25	cps
Cadmium	106-1	319747	320167	314323	318079	1.02	cps
Cadmium	108-1	218417	217537	218326	218094	0.22	cps
Calcium	43-1	2300792	2268490	2278967	2282750	0.72	cps
Calcium	44-1	37471220	37197101	37225895	37298072	0.40	cps
Chromium	52-2	2002384	2012708	2006911	2007335	0.26	cps
Cobalt	59-2	3333396	3334250	3338860	3335502	0.09	cps
Copper	63-2	4824744	4854201	4910499	4863148	0.90	cps
Dysprosium	156-1	242	150	267	219	27.99	cps
Dysprosium	156-2	170	133	120	141	18.35	cps
Erbium	164-1	100	83	92	92	9.09	cps
Erbium	164-2	57	77	87	73	20.83	cps
Gadolinium	160-1	125	100	108	111	11.46	cps
Gadolinium	160-2	160	200	140	167	18.33	cps
Holmium	165-1	13050323	13026606	12965210	13014046	0.34	cps
Holmium	165-2	5223306	5248695	5248865	5240289	0.28	cps
Indium	115-1	8261135	8305199	8227769	8264701	0.47	cps
Indium	115-2	1181598	1181487	1198821	1187302	0.84	cps
Iron	56-2	87577216	88117730	88053383	87916109	0.34	cps
Iron	57-2	2175067	2203203	2208275	2195515	0.81	cps
Krypton	83-1	1670	1583	1633	1629	2.67	cps
Lead	206-1	9317175	9250904	9291012	9286364	0.36	cps
Lead	207-1	8394310	8381701	8401395	8392469	0.12	cps
Lead	208-1	38133077	37932551	37923066	37996231	0.31	cps
Lithium	6-1	2518105	2537271	2500882	2518753	0.72	cps
Magnesium	24-2	17006510	16951165	17045999	17001225	0.28	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:16:39	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2328531	2349222	2339681	2339145	0.44	cps
Molybdenum	94-1	17098035	17062631	17115516	17092061	0.16	cps
Molybdenum	95-1	21441840	21496031	21370550	21436141	0.29	cps
Molybdenum	96-1	23826872	23785729	23568649	23727084	0.58	cps
Molybdenum	97-1	13498104	13513454	13408748	13473435	0.42	cps
Molybdenum	98-1	35338969	35308080	35143342	35263464	0.30	cps
Neodymium	150-1	900	973	987	953	4.90	cps
Neodymium	150-2	63	60	43	56	19.29	cps
Nickel	60-2	864982	863827	877475	868761	0.87	cps
Phosphorus	31-2	60649	60139	58792	59860	1.60	cps
Potassium	39-2	5822637	5858875	5835256	5838923	0.32	cps
Rhodium	103-1	7066264	7130481	7052576	7083107	0.59	cps
Rhodium	103-2	3120174	3095088	3116252	3110505	0.43	cps
Scandium	45-1	4523943	4541308	4513700	4526317	0.31	cps
Scandium	45-2	166615	165111	164520	165415	0.65	cps
Selenium	77-2	5414	5201	5461	5359	2.59	cps
Selenium	78-2	18545	18145	18032	18241	1.48	cps
Selenium	82-1	169174	170119	167963	169085	0.64	cps
Silicon	28-1	5519615	5571206	5608039	5566287	0.80	cps
Silver	109-1	11069217	11189070	11106608	11121632	0.55	cps
Silver	107-1	11605868	11583316	11675322	11621502	0.41	cps
Sodium	23-2	32439741	32447080	32595066	32493963	0.27	cps
Strontium	86-1	2516734	2530517	2515587	2520946	0.33	cps
Strontium	88-1	22405982	22397961	22155895	22319946	0.64	cps
Sulfur	34-1	1213175	1201772	1200585	1205177	0.58	cps
Terbium	159-1	13198506	13326713	13296111	13273777	0.50	cps
Terbium	159-2	5152492	5219657	5268284	5213478	1.12	cps
Thallium	203-1	11395418	11325236	11265523	11328726	0.57	cps
Thallium	205-1	27223180	27250591	27010668	27161480	0.48	cps
Thorium	232-1	43741319	44470108	43959422	44056950	0.85	cps
Tin	118-1	7736672	7799885	7720676	7752411	0.54	cps
Titanium	47-1	5101921	5078057	5073595	5084524	0.30	cps
Uranium	238-1	45138318	45651268	45653546	45481044	0.65	cps
Vanadium	51-2	1540013	1543491	1539362	1540955	0.14	cps
Yttrium	89-1	8174384	8230666	8109218	8171423	0.74	cps
Yttrium	89-2	875263	874089	882743	877365	0.54	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:16:39	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	795006	805345	805477	801943	0.75	cps
Zirconium	90-1	13342753	13348650	13269007	13320137	0.33	cps
Zirconium	91-1	2927313	2917034	2918002	2920783	0.19	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:20:25	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6824367	6852094	6954079	6876847	0.99	cps
Antimony	121-1	12164	13415	13323	12968	5.38	cps
Arsenic	75-2	237	291	287	272	11.04	cps
Barium	135-1	1358	1333	1325	1339	1.30	cps
Barium	137-1	2617	2625	2309	2517	7.17	cps
Beryllium	9-1	293	280	223	266	14.00	cps
Bismuth	209-1	7697409	7715522	7762242	7725058	0.43	cps
Bismuth	209-2	3550109	3542809	3603300	3565406	0.93	cps
Boron	10-1	16868	15583	14991	15814	6.07	cps
Boron	11-1	79006	74375	69954	74445	6.08	cps
Cadmium	111-1	3464	3167	3324	3319	4.47	cps
Cadmium	106-1	4384	4034	4409	4276	4.91	cps
Cadmium	108-1	67	33	71	57	36.10	cps
Calcium	43-1	10996074	11072441	11132528	11067015	0.62	cps
Calcium	44-1	177586387	179664025	180968837	179406417	0.95	cps
Chromium	52-2	66379	66312	67788	66826	1.25	cps
Cobalt	59-2	41208	41709	42127	41681	1.10	cps
Copper	63-2	9086	8876	8939	8967	1.20	cps
Dysprosium	156-1	67	108	92	89	23.59	cps
Dysprosium	156-2	43	37	47	42	12.06	cps
Erbium	164-1	42	67	92	67	37.50	cps
Erbium	164-2	93	70	77	80	15.03	cps
Gadolinium	160-1	50	125	125	100	43.30	cps
Gadolinium	160-2	173	157	203	178	13.30	cps
Holmium	165-1	12245562	12134608	12223125	12201098	0.48	cps
Holmium	165-2	5002034	4951141	5112919	5022031	1.65	cps
Indium	115-1	7857607	7844494	7968171	7890091	0.86	cps
Indium	115-2	1172143	1182206	1203641	1185997	1.36	cps
Iron	56-2	437174965	441007588	444754943	440979165	0.86	cps
Iron	57-2	10887076	10952288	11197760	11012375	1.49	cps
Krypton	83-1	1583	1667	1517	1589	4.73	cps
Lead	206-1	8386	8353	8197	8312	1.21	cps
Lead	207-1	7630	7397	7669	7565	1.95	cps
Lead	208-1	33278	33289	32511	33026	1.35	cps
Lithium	6-1	2387324	2409520	2416557	2404467	0.63	cps
Magnesium	24-2	84310244	84005966	85168619	84494943	0.71	cps

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 15:20:25 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8503	8116	8406	8341	2.41	cps
Molybdenum	94-1	12915	12331	12556	12601	2.34	cps
Molybdenum	95-1	21667	21066	20023	20919	3.98	cps
Molybdenum	96-1	23086	22443	22468	22666	1.61	cps
Molybdenum	97-1	12873	13532	13082	13162	2.56	cps
Molybdenum	98-1	33900	33866	33256	33674	1.08	cps
Neodymium	150-1	80	120	133	111	24.98	cps
Neodymium	150-2	60	37	40	46	27.70	cps
Nickel	60-2	26020	25946	26718	26228	1.62	cps
Phosphorus	31-2	50	100	33	61	56.78	cps
Potassium	39-2	30041513	30355370	30927338	30441407	1.48	cps
Rhodium	103-1	6395448	6376949	6450399	6407599	0.60	cps
Rhodium	103-2	2868420	2888368	2942230	2899673	1.32	cps
Scandium	45-1	4363946	4388309	4440363	4397540	0.89	cps
Scandium	45-2	169901	169059	174029	170996	1.56	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	22	22	37	27	31.50	cps
Selenium	82-1	-13	-41	159	35	308.86	cps
Silicon	28-1	328890	331602	328910	329801	0.47	cps
Silver	109-1	1700	1508	1717	1642	7.05	cps
Silver	107-1	1867	1734	1692	1764	5.18	cps
Sodium	23-2	163530845	164912062	166958791	165133900	1.04	cps
Strontium	86-1	12031	12489	13081	12534	4.20	cps
Strontium	88-1	88690	88874	90334	89299	1.01	cps
Sulfur	34-1	363614	369542	377567	370241	1.89	cps
Terbium	159-1	12450950	12532866	12512570	12498795	0.34	cps
Terbium	159-2	4990753	4955560	5045730	4997348	0.91	cps
Thallium	203-1	3592	3817	3509	3640	4.38	cps
Thallium	205-1	8278	7944	7169	7797	7.30	cps
Thorium	232-1	9910	9276	9042	9409	4.77	cps
Tin	118-1	3909	3726	4042	3892	4.09	cps
Titanium	47-1	1467	1200	1367	1345	10.02	cps
Uranium	238-1	7177	6344	5927	6482	9.82	cps
Vanadium	51-2	413	500	463	459	9.48	cps
Yttrium	89-1	7880376	7923170	7987536	7930361	0.68	cps
Yttrium	89-2	885665	886106	901844	891205	1.03	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:20:25	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8626	9230	9180	9012	3.72	cps
Zirconium	90-1	4051	3651	3851	3851	5.20	cps
Zirconium	91-1	775	875	650	767	14.70	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:32:14	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35142	34273	35343	34919	1.63	cps
Antimony	121-1	1908531	1878173	1867179	1884627	1.14	cps
Arsenic	75-2	43186	42332	43270	42929	1.21	cps
Barium	135-1	222405	221119	219661	221062	0.62	cps
Barium	137-1	391557	387254	387153	388655	0.65	cps
Beryllium	9-1	186819	181378	179772	182657	2.02	cps
Bismuth	209-1	9758589	9608068	9661723	9676127	0.79	cps
Bismuth	209-2	4568796	4482088	4524051	4524979	0.96	cps
Boron	10-1	167469	169650	167635	168251	0.72	cps
Boron	11-1	778745	792130	788304	786393	0.88	cps
Cadmium	111-1	307954	302439	303459	304617	0.96	cps
Cadmium	106-1	69981	69345	68943	69423	0.75	cps
Cadmium	108-1	40061	39677	40128	39955	0.61	cps
Calcium	43-1	57731	55605	54602	55979	2.85	cps
Calcium	44-1	890993	871003	861516	874504	1.72	cps
Chromium	52-2	219768	216170	219537	218492	0.92	cps
Cobalt	59-2	379692	376971	378557	378407	0.36	cps
Copper	63-2	275103	272119	274977	274066	0.62	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	20	33	30	28	24.98	cps
Erbium	164-1	200	158	208	189	14.18	cps
Erbium	164-2	80	93	90	88	7.91	cps
Gadolinium	160-1	100	75	75	83	17.33	cps
Gadolinium	160-2	150	153	163	156	4.46	cps
Holmium	165-1	13436216	13351241	13426550	13404669	0.35	cps
Holmium	165-2	5546076	5462405	5528287	5512256	0.80	cps
Indium	115-1	9410571	9329966	9322963	9354500	0.52	cps
Indium	115-2	1334651	1332041	1332966	1333219	0.10	cps
Iron	56-2	1984967	1960075	1976256	1973766	0.64	cps
Iron	57-2	49456	49244	50013	49571	0.80	cps
Krypton	83-1	1893	1707	1797	1799	5.19	cps
Lead	206-1	1930421	1909872	1916371	1918888	0.55	cps
Lead	207-1	1731217	1711207	1716664	1719696	0.60	cps
Lead	208-1	7865036	7787223	7795798	7816019	0.55	cps
Lithium	6-1	2884555	2819233	2820278	2841355	1.32	cps
Magnesium	24-2	231054	225283	228145	228161	1.26	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:32:14	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	126865	124683	127402	126316	1.14	cps
Molybdenum	94-1	8942181	8843635	8773220	8853012	0.96	cps
Molybdenum	95-1	11190960	11007543	10968306	11055603	1.08	cps
Molybdenum	96-1	12364817	12188500	12124013	12225777	1.02	cps
Molybdenum	97-1	7005453	6890289	6931500	6942414	0.84	cps
Molybdenum	98-1	18131394	17906944	18024356	18020898	0.62	cps
Neodymium	150-1	60	47	20	42	48.24	cps
Neodymium	150-2	13	7	27	16	65.47	cps
Nickel	60-2	101239	100267	101800	101102	0.77	cps
Phosphorus	31-2	92	42	108	81	43.07	cps
Potassium	39-2	266620	268508	266377	267168	0.44	cps
Rhodium	103-1	8318900	8208133	8159867	8228967	0.99	cps
Rhodium	103-2	3576451	3559173	3576339	3570654	0.28	cps
Scandium	45-1	5175293	5078613	5041284	5098397	1.36	cps
Scandium	45-2	183186	181868	185118	183390	0.89	cps
Selenium	77-2	1310	1320	1153	1261	7.41	cps
Selenium	78-2	4319	4084	4314	4239	3.17	cps
Selenium	82-1	39671	39241	38992	39301	0.87	cps
Silicon	28-1	130843	135155	139117	135039	3.06	cps
Silver	109-1	1101472	1090852	1078202	1090175	1.07	cps
Silver	107-1	1160994	1138234	1132425	1143884	1.32	cps
Sodium	23-2	746168	733119	741929	740406	0.90	cps
Strontium	86-1	1356680	1335398	1344796	1345625	0.79	cps
Strontium	88-1	11933600	11796751	11809872	11846741	0.64	cps
Sulfur	34-1	406671	396279	386675	396542	2.52	cps
Terbium	159-1	14054682	13721411	13776829	13850974	1.29	cps
Terbium	159-2	5573427	5492493	5580493	5548804	0.88	cps
Thallium	203-1	2395250	2332942	2357231	2361808	1.33	cps
Thallium	205-1	5785546	5730176	5756216	5757313	0.48	cps
Thorium	232-1	11363184	11007947	11195655	11188929	1.59	cps
Tin	118-1	3845690	3790718	3806585	3814331	0.74	cps
Titanium	47-1	2934355	2876167	2850348	2886957	1.49	cps
Uranium	238-1	24300080	23887706	24266289	24151359	0.95	cps
Vanadium	51-2	163521	163777	165176	164158	0.54	cps
Yttrium	89-1	9140342	8996304	8930727	9022458	1.19	cps
Yttrium	89-2	962027	947101	961239	956789	0.88	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:32:14	DataFile Name :	010ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	90226	89630	90726	90194	0.61	cps
Zirconium	90-1	7141753	7069737	6969420	7060303	1.23	cps
Zirconium	91-1	1574802	1547228	1531092	1551041	1.43	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:47:24	DataFile Name :	011LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1650	1834	1784	1756	5.40	cps
Antimony	121-1	20916	19815	20366	20366	2.70	cps
Arsenic	75-2	237	265	239	247	6.29	cps
Barium	135-1	22861	23304	23663	23276	1.73	cps
Barium	137-1	39783	41037	40535	40452	1.56	cps
Beryllium	9-1	2214	2107	2027	2116	4.43	cps
Bismuth	209-1	9695631	9877760	9772585	9781992	0.93	cps
Bismuth	209-2	4728662	4721972	4715231	4721955	0.14	cps
Boron	10-1	10921	12039	11480	11480	4.87	cps
Boron	11-1	52885	54424	54265	53858	1.57	cps
Cadmium	111-1	6312	6130	6201	6214	1.47	cps
Cadmium	106-1	4701	4726	4809	4745	1.20	cps
Cadmium	108-1	221	238	267	242	9.60	cps
Calcium	43-1	12889	13423	13432	13248	2.35	cps
Calcium	44-1	225114	224918	225468	225166	0.12	cps
Chromium	52-2	5321	5421	5434	5392	1.15	cps
Cobalt	59-2	4327	3967	4107	4134	4.39	cps
Copper	63-2	6688	6518	6768	6658	1.92	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	17	27	30	24	28.38	cps
Erbium	164-1	75	67	75	72	6.66	cps
Erbium	164-2	100	67	53	73	32.78	cps
Gadolinium	160-1	92	108	117	106	12.06	cps
Gadolinium	160-2	147	157	183	162	11.68	cps
Holmium	165-1	13587696	13483547	13634293	13568512	0.57	cps
Holmium	165-2	5764190	5776486	5765941	5768872	0.12	cps
Indium	115-1	9622215	9707091	9691386	9673564	0.47	cps
Indium	115-2	1447425	1446864	1439610	1444633	0.30	cps
Iron	56-2	118250	117365	119739	118451	1.01	cps
Iron	57-2	3451	2834	2939	3074	10.73	cps
Krypton	83-1	1990	1957	1903	1950	2.24	cps
Lead	206-1	11444	10944	11505	11298	2.73	cps
Lead	207-1	10315	10582	10388	10428	1.32	cps
Lead	208-1	45058	46121	44724	45301	1.61	cps
Lithium	6-1	2956506	2949217	2969457	2958393	0.35	cps
Magnesium	24-2	108399	108306	107097	107934	0.67	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:47:24	DataFile Name :	011LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1627	1637	1587	1617	1.64	cps
Molybdenum	94-1	20015	19314	19739	19689	1.79	cps
Molybdenum	95-1	23787	24330	23904	24007	1.19	cps
Molybdenum	96-1	26150	27035	26985	26723	1.86	cps
Molybdenum	97-1	14625	15517	14858	15000	3.09	cps
Molybdenum	98-1	38570	40458	39164	39397	2.45	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	10	17	20	16	32.73	cps
Nickel	60-2	1303	1377	1310	1330	3.05	cps
Phosphorus	31-2	267	200	308	258	21.15	cps
Potassium	39-2	80887	82438	82622	81982	1.16	cps
Rhodium	103-1	8467578	8592629	8554422	8538210	0.75	cps
Rhodium	103-2	3842436	3812415	3830731	3828527	0.40	cps
Scandium	45-1	5303965	5290005	5335211	5309727	0.44	cps
Scandium	45-2	197156	197406	198430	197664	0.34	cps
Selenium	77-2	27	37	30	31	16.37	cps
Selenium	78-2	119	144	157	140	14.13	cps
Selenium	82-1	1029	960	1012	1000	3.60	cps
Silicon	28-1	127405	132609	131540	130518	2.11	cps
Silver	109-1	9554	10129	9454	9712	3.75	cps
Silver	107-1	10496	10187	9787	10157	3.50	cps
Sodium	23-2	212619	209551	210159	210776	0.77	cps
Strontium	86-1	5818	6277	6227	6107	4.12	cps
Strontium	88-1	25858	26525	26776	26386	1.80	cps
Sulfur	34-1	450303	448516	453101	450640	0.51	cps
Terbium	159-1	13978166	14021651	14157969	14052595	0.67	cps
Terbium	159-2	5840679	5791059	5803149	5811629	0.45	cps
Thallium	203-1	13674	12924	13399	13332	2.85	cps
Thallium	205-1	31288	30411	30703	30801	1.45	cps
Thorium	232-1	45686	46962	46204	46284	1.39	cps
Tin	118-1	46001	46729	45901	46210	0.98	cps
Titanium	47-1	6418	5993	5976	6129	4.09	cps
Uranium	238-1	48350	48475	48608	48478	0.27	cps
Vanadium	51-2	9510	9837	9740	9696	1.73	cps
Yttrium	89-1	9240277	9280752	9285975	9269001	0.27	cps
Yttrium	89-2	1033320	1024002	1036259	1031193	0.62	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:47:24	DataFile Name :	011LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1437	1183	1227	1282	10.57	cps
Zirconium	90-1	15751	15025	15551	15442	2.43	cps
Zirconium	91-1	3359	3184	3342	3295	2.93	cps

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 15:51:01 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	67	75	78	16.37	cps
Antimony	121-1	400	308	358	356	12.91	cps
Arsenic	75-2	4	4	9	6	57.80	cps
Barium	135-1	0	67	42	36	93.26	cps
Barium	137-1	42	50	42	44	10.82	cps
Beryllium	9-1	107	123	133	121	11.12	cps
Bismuth	209-1	9648400	9847258	9952782	9816147	1.57	cps
Bismuth	209-2	4685420	4685178	4735414	4702004	0.62	cps
Boron	10-1	2884	2684	2709	2759	3.95	cps
Boron	11-1	14357	13807	13590	13918	2.84	cps
Cadmium	111-1	3036	3424	3243	3235	6.00	cps
Cadmium	106-1	4251	4793	4593	4545	6.03	cps
Cadmium	108-1	8	8	25	14	69.31	cps
Calcium	43-1	100	100	150	117	24.75	cps
Calcium	44-1	6468	6360	6310	6379	1.27	cps
Chromium	52-2	453	390	477	440	10.19	cps
Cobalt	59-2	67	57	37	53	28.64	cps
Copper	63-2	640	620	683	648	5.00	cps
Dysprosium	156-1	17	58	25	33	66.14	cps
Dysprosium	156-2	30	20	30	27	21.65	cps
Erbium	164-1	83	83	67	78	12.37	cps
Erbium	164-2	80	67	87	78	13.09	cps
Gadolinium	160-1	83	117	75	92	24.05	cps
Gadolinium	160-2	153	157	180	163	8.89	cps
Holmium	165-1	13214097	13437995	13718615	13456902	1.88	cps
Holmium	165-2	5738973	5735446	5779129	5751183	0.42	cps
Indium	115-1	9517650	9615398	9763905	9632318	1.29	cps
Indium	115-2	1421530	1438327	1440699	1433519	0.73	cps
Iron	56-2	1711	1728	1650	1696	2.41	cps
Iron	57-2	94	50	67	70	31.91	cps
Krypton	83-1	1970	1827	1893	1897	3.78	cps
Lead	206-1	1522	1406	1461	1463	3.99	cps
Lead	207-1	1356	1267	1433	1352	6.17	cps
Lead	208-1	4945	5056	5178	5060	2.31	cps
Lithium	6-1	2912911	2963245	2986562	2954239	1.27	cps
Magnesium	24-2	225	317	325	289	19.21	cps

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 15:51:01 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	30	70	48	42.63	cps
Molybdenum	94-1	567	517	425	503	14.29	cps
Molybdenum	95-1	192	267	208	222	17.72	cps
Molybdenum	96-1	275	242	208	242	13.79	cps
Molybdenum	97-1	108	108	133	117	12.37	cps
Molybdenum	98-1	367	408	258	344	22.48	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	20	10	10	13	43.30	cps
Nickel	60-2	113	110	110	111	1.74	cps
Phosphorus	31-2	83	92	67	81	15.80	cps
Potassium	39-2	10471	10846	10996	10771	2.51	cps
Rhodium	103-1	8392648	8539923	8654035	8528869	1.54	cps
Rhodium	103-2	3781218	3833001	3838574	3817598	0.83	cps
Scandium	45-1	5222512	5311325	5319460	5284432	1.02	cps
Scandium	45-2	193772	197507	197181	196153	1.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	22	20	20	14.31	cps
Selenium	82-1	-21	65	-106	-21	-414.32	cps
Silicon	28-1	86282	87722	85561	86522	1.27	cps
Silver	109-1	83	83	92	86	5.58	cps
Silver	107-1	175	183	125	161	19.58	cps
Sodium	23-2	14666	14207	14816	14563	2.18	cps
Strontium	86-1	3167	3226	3351	3248	2.89	cps
Strontium	88-1	500	600	617	572	11.03	cps
Sulfur	34-1	454871	450214	451619	452235	0.53	cps
Terbium	159-1	13921388	14030521	14202694	14051534	1.01	cps
Terbium	159-2	5723320	5793304	5839046	5785224	1.01	cps
Thallium	203-1	1033	1142	1175	1117	6.63	cps
Thallium	205-1	1859	2000	1575	1811	11.95	cps
Thorium	232-1	3723	3890	4251	3954	6.82	cps
Tin	118-1	1300	1292	1317	1303	0.98	cps
Titanium	47-1	92	75	100	89	14.32	cps
Uranium	238-1	3876	3626	3534	3678	4.81	cps
Vanadium	51-2	3	0	3	2	86.60	cps
Yttrium	89-1	9141502	9267622	9332302	9247142	1.05	cps
Yttrium	89-2	1020794	1026293	1029801	1025629	0.44	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:51:01	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	240	243	187	223	14.24	cps
Zirconium	90-1	900	958	942	933	3.22	cps
Zirconium	91-1	192	225	167	194	15.05	cps

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 15:54:38 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6822261	6873673	6895159	6863698	0.55	cps
Antimony	121-1	11138	10663	11280	11027	2.93	cps
Arsenic	75-2	102	83	81	89	12.67	cps
Barium	135-1	3384	3551	3617	3517	3.42	cps
Barium	137-1	5701	6260	5751	5904	5.24	cps
Beryllium	9-1	597	587	570	584	2.31	cps
Bismuth	209-1	8470739	8808570	8914383	8731231	2.65	cps
Bismuth	209-2	4187440	4200828	4203175	4197148	0.20	cps
Boron	10-1	2259	2492	2475	2409	5.40	cps
Boron	11-1	12214	11171	11647	11677	4.47	cps
Cadmium	111-1	5521	5065	5192	5259	4.48	cps
Cadmium	106-1	4501	3767	3867	4045	9.83	cps
Cadmium	108-1	5568	5605	5268	5480	3.38	cps
Calcium	43-1	2496108	2531398	2507429	2511645	0.72	cps
Calcium	44-1	40744146	41206102	41071274	41007174	0.58	cps
Chromium	52-2	48931	50409	50245	49862	1.63	cps
Cobalt	59-2	4811	4564	4801	4725	2.96	cps
Copper	63-2	21276	21930	22057	21754	1.93	cps
Dysprosium	156-1	42	108	50	67	54.49	cps
Dysprosium	156-2	43	57	80	60	30.93	cps
Erbium	164-1	117	158	150	142	15.56	cps
Erbium	164-2	83	87	110	93	15.56	cps
Gadolinium	160-1	158	225	83	156	45.56	cps
Gadolinium	160-2	177	193	177	182	5.28	cps
Holmium	165-1	12887457	13186159	13453946	13175854	2.15	cps
Holmium	165-2	5514851	5556840	5531933	5534541	0.38	cps
Indium	115-1	8551688	8851835	8986156	8796560	2.53	cps
Indium	115-2	1317755	1323155	1325711	1322207	0.31	cps
Iron	56-2	197296399	198679177	198873349	198282975	0.43	cps
Iron	57-2	4912955	4898410	4908036	4906467	0.15	cps
Krypton	83-1	1843	1750	1913	1836	4.46	cps
Lead	206-1	45935	45350	46214	45833	0.96	cps
Lead	207-1	37548	37493	37386	37476	0.22	cps
Lead	208-1	175943	174271	175769	175328	0.52	cps
Lithium	6-1	2610499	2713072	2707539	2677037	2.15	cps
Magnesium	24-2	19160852	19246133	19261297	19222761	0.28	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:54:38	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11485	11892	11798	11725	1.82	cps
Molybdenum	94-1	4850704	4882720	4836672	4856699	0.49	cps
Molybdenum	95-1	8554465	8686106	8628685	8623085	0.77	cps
Molybdenum	96-1	9173168	9252559	9213649	9213125	0.43	cps
Molybdenum	97-1	5367353	5465495	5401237	5411362	0.92	cps
Molybdenum	98-1	14077274	14264803	14131756	14157944	0.68	cps
Neodymium	150-1	80	60	53	64	21.53	cps
Neodymium	150-2	17	30	33	27	33.06	cps
Nickel	60-2	6735	6325	6625	6562	3.24	cps
Phosphorus	31-2	332935	338833	341776	337848	1.33	cps
Potassium	39-2	13265874	13339770	13475300	13360315	0.79	cps
Rhodium	103-1	7278541	7535821	7639608	7484656	2.48	cps
Rhodium	103-2	3378923	3392753	3411126	3394267	0.48	cps
Scandium	45-1	4800419	5005894	5020625	4942313	2.49	cps
Scandium	45-2	188330	186406	188972	187903	0.71	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	17	28	24	23	24.76	cps
Selenium	82-1	-62	17	-133	-59	-126.03	cps
Silicon	28-1	207867	207749	207433	207683	0.11	cps
Silver	109-1	475	525	492	497	5.12	cps
Silver	107-1	650	442	592	561	19.15	cps
Sodium	23-2	36847397	37000016	37325543	37057652	0.66	cps
Strontium	86-1	98092	99771	99149	99004	0.86	cps
Strontium	88-1	842040	855865	834141	844016	1.30	cps
Sulfur	34-1	4097691	4124478	4107378	4109849	0.33	cps
Terbium	159-1	13156022	13716999	13863706	13578909	2.75	cps
Terbium	159-2	5531084	5581657	5568122	5560288	0.47	cps
Thallium	203-1	1975	2000	2234	2070	6.89	cps
Thallium	205-1	4026	4243	4643	4304	7.27	cps
Thorium	232-1	4212	4151	4323	4229	2.07	cps
Tin	118-1	2750	2892	2834	2825	2.52	cps
Titanium	47-1	2325165	2331470	2310210	2322282	0.47	cps
Uranium	238-1	4985	4693	5210	4962	5.22	cps
Vanadium	51-2	293	333	340	322	7.83	cps
Yttrium	89-1	8548921	8842937	8853986	8748615	1.98	cps
Yttrium	89-2	966526	974929	980250	973902	0.71	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:54:38	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5695	5271	5598	5521	4.02	cps
Zirconium	90-1	1550	1600	1967	1706	13.34	cps
Zirconium	91-1	442	283	383	369	21.68	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:58:16	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6895264	6947666	6908417	6917116	0.39	cps
Antimony	121-1	208621	202101	204480	205067	1.61	cps
Arsenic	75-2	4284	4336	4577	4399	3.55	cps
Barium	135-1	48694	47490	49071	48418	1.70	cps
Barium	137-1	85221	84734	83869	84608	0.81	cps
Beryllium	9-1	37052	36390	37546	36996	1.57	cps
Bismuth	209-1	8806910	8999883	9092754	8966516	1.63	cps
Bismuth	209-2	4200278	4239534	4219256	4219689	0.47	cps
Boron	10-1	20439	21441	21149	21010	2.45	cps
Boron	11-1	99736	100250	99778	99921	0.29	cps
Cadmium	111-1	60609	61582	61156	61116	0.80	cps
Cadmium	106-1	14007	13816	13557	13793	1.64	cps
Cadmium	108-1	10546	10141	10341	10343	1.96	cps
Calcium	43-1	2571781	2546737	2556940	2558486	0.49	cps
Calcium	44-1	41730822	41550542	42216810	41832725	0.82	cps
Chromium	52-2	95168	96573	93491	95077	1.62	cps
Cobalt	59-2	81387	81535	82024	81649	0.41	cps
Copper	63-2	76549	76485	76994	76676	0.36	cps
Dysprosium	156-1	92	50	67	69	30.20	cps
Dysprosium	156-2	57	43	50	50	13.34	cps
Erbium	164-1	150	100	117	122	20.83	cps
Erbium	164-2	90	83	97	90	7.41	cps
Gadolinium	160-1	167	125	108	133	22.54	cps
Gadolinium	160-2	197	143	160	167	16.37	cps
Holmium	165-1	13454661	13617267	13736703	13602877	1.04	cps
Holmium	165-2	5610436	5631228	5642441	5628035	0.29	cps
Indium	115-1	8916019	9205076	9205540	9108878	1.83	cps
Indium	115-2	1327771	1335306	1335211	1332762	0.32	cps
Iron	56-2	198715638	198379510	198465049	198520066	0.09	cps
Iron	57-2	4952986	4962606	4950925	4955506	0.13	cps
Krypton	83-1	1934	1863	1817	1871	3.14	cps
Lead	206-1	240193	237940	236582	238239	0.77	cps
Lead	207-1	206436	203422	201877	203911	1.14	cps
Lead	208-1	948203	942654	939254	943371	0.48	cps
Lithium	6-1	2699879	2759403	2771964	2743748	1.40	cps
Magnesium	24-2	19248533	19310546	19348594	19302558	0.26	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:58:16	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37722	37768	37668	37719	0.13	cps
Molybdenum	94-1	5417086	5396827	5436165	5416693	0.36	cps
Molybdenum	95-1	9023287	9009821	9076424	9036511	0.39	cps
Molybdenum	96-1	9692296	9614029	9700805	9669043	0.49	cps
Molybdenum	97-1	5652075	5613535	5644985	5636865	0.36	cps
Molybdenum	98-1	14760661	14723188	14837008	14773619	0.39	cps
Neodymium	150-1	47	87	80	71	30.13	cps
Neodymium	150-2	17	10	37	21	65.74	cps
Nickel	60-2	26805	26524	26264	26531	1.02	cps
Phosphorus	31-2	338871	342875	337883	339876	0.78	cps
Potassium	39-2	13551764	13502953	13524712	13526477	0.18	cps
Rhodium	103-1	7526783	7738215	7823486	7696161	1.98	cps
Rhodium	103-2	3424102	3453018	3457371	3444830	0.52	cps
Scandium	45-1	4996349	5120724	5203146	5106740	2.04	cps
Scandium	45-2	190612	191227	192364	191401	0.46	cps
Selenium	77-2	120	140	150	137	11.18	cps
Selenium	78-2	426	411	393	410	4.08	cps
Selenium	82-1	3748	3576	3831	3718	3.50	cps
Silicon	28-1	490369	492584	492845	491933	0.28	cps
Silver	109-1	215097	217711	216992	216600	0.62	cps
Silver	107-1	225951	226553	229142	227215	0.75	cps
Sodium	23-2	37018664	37455489	36920204	37131453	0.77	cps
Strontium	86-1	257726	259562	259097	258795	0.37	cps
Strontium	88-1	2221973	2217116	2225408	2221499	0.19	cps
Sulfur	34-1	4146075	4199119	4136562	4160586	0.81	cps
Terbium	159-1	13754411	14104155	14114469	13991011	1.46	cps
Terbium	159-2	5584799	5670557	5617758	5624371	0.77	cps
Thallium	203-1	236263	236583	234404	235750	0.50	cps
Thallium	205-1	578473	572831	573492	574932	0.54	cps
Thorium	232-1	32719	33265	33471	33152	1.17	cps
Tin	118-1	461188	455521	462658	459789	0.82	cps
Titanium	47-1	2423185	2402775	2404662	2410207	0.47	cps
Uranium	238-1	2518591	2526426	2530633	2525217	0.24	cps
Vanadium	51-2	35122	35640	35199	35320	0.79	cps
Yttrium	89-1	8790761	9054455	9129239	8991485	1.98	cps
Yttrium	89-2	979783	997149	988590	988507	0.88	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 15:58:16	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	14481	14454	14554	14496	0.36	cps
Zirconium	90-1	831406	828608	828489	829501	0.20	cps
Zirconium	91-1	184812	182230	187975	185006	1.56	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:02:14	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3701127	3774160	3749654	3741647	0.99	cps
Antimony	121-1	4581599	4524668	4499353	4535207	0.93	cps
Arsenic	75-2	109934	110921	110779	110544	0.48	cps
Barium	135-1	5442099	5421657	5362905	5408887	0.76	cps
Barium	137-1	9591080	9560297	9486811	9546063	0.56	cps
Beryllium	9-1	862952	863265	866301	864173	0.21	cps
Bismuth	209-1	8778949	8883083	8829116	8830383	0.59	cps
Bismuth	209-2	4155815	4066340	4059461	4093872	1.31	cps
Boron	10-1	156134	156814	158767	157238	0.87	cps
Boron	11-1	728722	741287	746510	738839	1.24	cps
Cadmium	111-1	1490737	1477604	1460955	1476432	1.01	cps
Cadmium	106-1	175239	173221	172134	173531	0.91	cps
Cadmium	108-1	116793	116722	115818	116444	0.47	cps
Calcium	43-1	6079034	6077933	6051759	6069575	0.25	cps
Calcium	44-1	99717011	97584686	97818004	98373233	1.19	cps
Chromium	52-2	1110829	1120944	1123796	1118523	0.61	cps
Cobalt	59-2	1799793	1836576	1828140	1821503	1.06	cps
Copper	63-2	2679205	2732413	2730885	2714168	1.12	cps
Dysprosium	156-1	258	183	292	244	22.70	cps
Dysprosium	156-2	133	130	140	134	3.79	cps
Erbium	164-1	125	133	67	108	33.53	cps
Erbium	164-2	123	100	150	124	20.10	cps
Gadolinium	160-1	225	225	283	244	13.78	cps
Gadolinium	160-2	220	213	253	229	9.36	cps
Holmium	165-1	13597996	13829529	13764281	13730602	0.87	cps
Holmium	165-2	5707337	5492931	5493106	5564458	2.22	cps
Indium	115-1	8910635	8989126	8975170	8958310	0.47	cps
Indium	115-2	1327169	1305001	1290290	1307487	1.42	cps
Iron	56-2	233858050	235430350	232631789	233973396	0.60	cps
Iron	57-2	5796361	5867594	5877921	5847292	0.76	cps
Krypton	83-1	1903	1753	1873	1843	4.31	cps
Lead	206-1	4395277	4433412	4460042	4429577	0.73	cps
Lead	207-1	4007134	4009472	4031387	4015998	0.33	cps
Lead	208-1	18403924	18438102	18472863	18438296	0.19	cps
Lithium	6-1	2707372	2714286	2717467	2713042	0.19	cps
Magnesium	24-2	45419471	45314316	45511261	45415016	0.22	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:02:14	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1261178	1284782	1274399	1273453	0.93	cps
Molybdenum	94-1	9297291	9200464	9146919	9214891	0.83	cps
Molybdenum	95-1	11594631	11543038	11480038	11539236	0.50	cps
Molybdenum	96-1	12834308	12754823	12700965	12763365	0.53	cps
Molybdenum	97-1	7310259	7271027	7197945	7259743	0.79	cps
Molybdenum	98-1	18972707	18888191	18823137	18894678	0.40	cps
Neodymium	150-1	707	707	920	778	15.84	cps
Neodymium	150-2	90	137	153	127	25.92	cps
Nickel	60-2	471612	476680	476390	474894	0.60	cps
Phosphorus	31-2	32612	33731	32119	32821	2.52	cps
Potassium	39-2	16302592	16437805	16444510	16394969	0.49	cps
Rhodium	103-1	7507831	7515297	7549087	7524072	0.29	cps
Rhodium	103-2	3369450	3294996	3249653	3304700	1.83	cps
Scandium	45-1	5205093	5154054	5148862	5169336	0.60	cps
Scandium	45-2	193412	190581	186386	190127	1.86	cps
Selenium	77-2	2917	3000	3027	2981	1.93	cps
Selenium	78-2	9872	10044	10028	9981	0.95	cps
Selenium	82-1	91411	91419	90217	91015	0.76	cps
Silicon	28-1	2986763	3055367	3044818	3028983	1.22	cps
Silver	109-1	5830062	5847174	5798373	5825203	0.43	cps
Silver	107-1	6096267	6050271	6071349	6072629	0.38	cps
Sodium	23-2	88014744	88525452	88801252	88447149	0.45	cps
Strontium	86-1	1380639	1368242	1359927	1369603	0.76	cps
Strontium	88-1	12101347	12018370	11962897	12027538	0.58	cps
Sulfur	34-1	866894	860676	865125	864231	0.37	cps
Terbium	159-1	13970924	13975256	14042882	13996354	0.29	cps
Terbium	159-2	5662466	5555714	5497196	5571792	1.50	cps
Thallium	203-1	5424661	5484381	5404214	5437752	0.77	cps
Thallium	205-1	13285372	13390708	13349615	13341899	0.40	cps
Thorium	232-1	22136794	22186123	21945300	22089406	0.58	cps
Tin	118-1	3972931	3957573	3908191	3946231	0.86	cps
Titanium	47-1	2788872	2750439	2766728	2768680	0.70	cps
Uranium	238-1	22613178	22637637	22641020	22630612	0.07	cps
Vanadium	51-2	854029	854317	857995	855447	0.26	cps
Yttrium	89-1	8988217	9027374	9034058	9016550	0.27	cps
Yttrium	89-2	993009	975044	957180	975078	1.84	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV86	Instrumnet Name :	P7
Client Sample ID :	CCV86	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:02:14	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	444399	452477	449618	448832	0.91	cps
Zirconium	90-1	7238286	7185178	7195595	7206353	0.39	cps
Zirconium	91-1	1593363	1576825	1576257	1582148	0.61	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:16:25	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1934	2034	2200	2056	6.55	cps
Antimony	121-1	21317	21150	21634	21367	1.15	cps
Arsenic	75-2	257	256	283	265	5.85	cps
Barium	135-1	24865	24088	24531	24495	1.59	cps
Barium	137-1	43870	43569	43210	43550	0.76	cps
Beryllium	9-1	2094	2467	2104	2221	9.58	cps
Bismuth	209-1	10195408	10327540	10126258	10216402	1.00	cps
Bismuth	209-2	4825047	4846433	4893105	4854861	0.72	cps
Boron	10-1	10746	11313	11421	11160	3.25	cps
Boron	11-1	51555	52191	53069	52272	1.45	cps
Cadmium	111-1	6583	6542	6497	6540	0.66	cps
Cadmium	106-1	5310	5235	5276	5273	0.71	cps
Cadmium	108-1	204	271	246	240	14.02	cps
Calcium	43-1	14908	14316	15225	14816	3.12	cps
Calcium	44-1	242311	240839	243847	242332	0.62	cps
Chromium	52-2	5651	5728	5628	5669	0.92	cps
Cobalt	59-2	4574	4547	4547	4556	0.34	cps
Copper	63-2	7355	7132	7665	7384	3.63	cps
Dysprosium	156-1	8	33	17	19	65.47	cps
Dysprosium	156-2	27	30	27	28	6.92	cps
Erbium	164-1	67	125	108	100	30.05	cps
Erbium	164-2	83	47	50	60	33.80	cps
Gadolinium	160-1	108	75	117	100	22.05	cps
Gadolinium	160-2	190	170	157	172	9.74	cps
Holmium	165-1	14343581	14329526	14276835	14316647	0.25	cps
Holmium	165-2	5975264	6012323	6026597	6004728	0.44	cps
Indium	115-1	10255406	10309132	10311221	10291920	0.31	cps
Indium	115-2	1524523	1510088	1528337	1520982	0.63	cps
Iron	56-2	128199	126484	127991	127558	0.73	cps
Iron	57-2	3262	3195	3284	3247	1.43	cps
Krypton	83-1	2100	2167	1937	2068	5.72	cps
Lead	206-1	11933	11700	11478	11704	1.95	cps
Lead	207-1	10454	10866	10805	10708	2.07	cps
Lead	208-1	47178	48102	47735	47672	0.98	cps
Lithium	6-1	3188285	3170216	3189731	3182744	0.34	cps
Magnesium	24-2	115778	114150	115166	115031	0.71	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:16:25	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1743	1703	1673	1707	2.06	cps
Molybdenum	94-1	20115	20198	20783	20365	1.79	cps
Molybdenum	95-1	26116	25791	25390	25766	1.41	cps
Molybdenum	96-1	29323	28605	28972	28966	1.24	cps
Molybdenum	97-1	16493	16101	15717	16104	2.41	cps
Molybdenum	98-1	42230	42598	41678	42169	1.10	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	7	17	17	13	43.29	cps
Nickel	60-2	1347	1317	1413	1359	3.64	cps
Phosphorus	31-2	250	267	308	275	10.93	cps
Potassium	39-2	91565	89335	90056	90319	1.26	cps
Rhodium	103-1	9111956	9116675	9198137	9142256	0.53	cps
Rhodium	103-2	3982935	4028993	4056056	4022661	0.92	cps
Scandium	45-1	5792129	5797106	5827585	5805607	0.33	cps
Scandium	45-2	213018	212734	214198	213316	0.36	cps
Selenium	77-2	47	30	23	33	36.07	cps
Selenium	78-2	161	119	146	142	15.23	cps
Selenium	82-1	1148	1025	1161	1111	6.77	cps
Silicon	28-1	138527	140715	139991	139744	0.80	cps
Silver	109-1	10237	11188	10321	10582	4.98	cps
Silver	107-1	11163	10838	11138	11046	1.64	cps
Sodium	23-2	235410	231246	235130	233929	0.99	cps
Strontium	86-1	6777	6510	6577	6621	2.10	cps
Strontium	88-1	29732	27861	27878	28490	3.77	cps
Sulfur	34-1	492022	493834	489742	491866	0.42	cps
Terbium	159-1	14793771	14850729	14978653	14874384	0.64	cps
Terbium	159-2	6068087	6067403	6128882	6088124	0.58	cps
Thallium	203-1	13624	13324	13257	13402	1.46	cps
Thallium	205-1	32123	32173	32157	32151	0.08	cps
Thorium	232-1	48077	47230	46449	47252	1.72	cps
Tin	118-1	47330	48024	47632	47662	0.73	cps
Titanium	47-1	7077	6668	6377	6707	5.24	cps
Uranium	238-1	49946	49629	49512	49696	0.45	cps
Vanadium	51-2	10634	10270	10504	10469	1.76	cps
Yttrium	89-1	10041503	10014788	10031336	10029209	0.13	cps
Yttrium	89-2	1086700	1087240	1095847	1089929	0.47	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:16:25	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1243	1297	1217	1252	3.25	cps
Zirconium	90-1	17028	16569	16777	16791	1.37	cps
Zirconium	91-1	3792	3517	3334	3548	6.51	cps

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : CCB86 Instrumnet Name : P7
 Client Sample ID : CCB86 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 16:20:01 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	108	83	86	24.35	cps
Antimony	121-1	408	383	475	422	11.22	cps
Arsenic	75-2	6	2	0	2	114.63	cps
Barium	135-1	75	92	50	72	29.04	cps
Barium	137-1	33	67	83	61	41.67	cps
Beryllium	9-1	137	143	100	127	18.42	cps
Bismuth	209-1	10210812	10240276	10258438	10236509	0.23	cps
Bismuth	209-2	4874175	4858496	4848487	4860386	0.27	cps
Boron	10-1	2684	2617	2275	2525	8.68	cps
Boron	11-1	12155	12072	10863	11697	6.18	cps
Cadmium	111-1	3463	3444	3840	3583	6.23	cps
Cadmium	106-1	4884	4868	5393	5048	5.91	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	133	100	200	144	35.25	cps
Calcium	44-1	6793	6810	6718	6774	0.72	cps
Chromium	52-2	470	447	453	457	2.63	cps
Cobalt	59-2	40	57	33	43	27.74	cps
Copper	63-2	783	773	693	750	6.58	cps
Dysprosium	156-1	42	8	58	36	70.51	cps
Dysprosium	156-2	13	33	17	21	50.75	cps
Erbium	164-1	75	67	75	72	6.66	cps
Erbium	164-2	83	93	63	80	19.10	cps
Gadolinium	160-1	167	100	150	139	24.98	cps
Gadolinium	160-2	183	173	193	183	5.45	cps
Holmium	165-1	14339170	14438825	14399276	14392424	0.35	cps
Holmium	165-2	6043058	5987155	6068509	6032907	0.69	cps
Indium	115-1	10321677	10293828	10242047	10285851	0.39	cps
Indium	115-2	1512472	1513083	1521145	1515567	0.32	cps
Iron	56-2	2045	2122	2267	2145	5.26	cps
Iron	57-2	44	61	39	48	24.01	cps
Krypton	83-1	2074	2170	2137	2127	2.31	cps
Lead	206-1	1489	1695	1506	1563	7.31	cps
Lead	207-1	1495	1500	1361	1452	5.42	cps
Lead	208-1	5790	5773	5517	5693	2.68	cps
Lithium	6-1	3197994	3217923	3204156	3206691	0.32	cps
Magnesium	24-2	558	325	475	453	26.12	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:20:01	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	50	50	47	12.37	cps
Molybdenum	94-1	450	525	525	500	8.66	cps
Molybdenum	95-1	233	242	225	233	3.57	cps
Molybdenum	96-1	358	300	258	306	16.44	cps
Molybdenum	97-1	117	142	67	108	35.25	cps
Molybdenum	98-1	292	308	400	333	17.50	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	17	23	3	14	70.51	cps
Nickel	60-2	150	123	100	124	20.10	cps
Phosphorus	31-2	42	75	67	61	28.38	cps
Potassium	39-2	12906	13140	12514	12853	2.46	cps
Rhodium	103-1	9144357	9273102	9191356	9202938	0.71	cps
Rhodium	103-2	4053932	4033180	4069596	4052236	0.45	cps
Scandium	45-1	5786986	5832120	5811910	5810339	0.39	cps
Scandium	45-2	212255	210820	213130	212068	0.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	9	28	15	76.03	cps
Selenium	82-1	-87	-63	-84	-78	-16.97	cps
Silicon	28-1	92476	90397	93944	92273	1.93	cps
Silver	109-1	217	183	142	181	20.81	cps
Silver	107-1	217	208	292	239	19.21	cps
Sodium	23-2	19856	19430	19613	19633	1.09	cps
Strontium	86-1	3267	3576	3584	3476	5.19	cps
Strontium	88-1	525	658	567	583	11.69	cps
Sulfur	34-1	498022	495023	490275	494440	0.79	cps
Terbium	159-1	14868909	14915805	14986621	14923778	0.40	cps
Terbium	159-2	6085821	6041907	6082631	6070120	0.40	cps
Thallium	203-1	1358	1142	1400	1300	10.67	cps
Thallium	205-1	2450	2275	2434	2386	4.05	cps
Thorium	232-1	3678	3778	4067	3841	5.26	cps
Tin	118-1	1258	1358	1550	1389	10.67	cps
Titanium	47-1	75	100	108	94	18.37	cps
Uranium	238-1	3867	3751	3726	3781	2.00	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	10052789	10070058	10044761	10055869	0.13	cps
Yttrium	89-2	1095537	1083581	1090843	1089987	0.55	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCB86	Instrumnet Name :	P7
Client Sample ID :	CCB86	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:20:01	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	227	240	257	241	6.23	cps
Zirconium	90-1	892	1025	1017	978	7.64	cps
Zirconium	91-1	225	292	200	239	19.84	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:23:37	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1884	1759	1817	1820	3.44	cps
Antimony	121-1	21225	21350	21075	21217	0.65	cps
Arsenic	75-2	311	287	222	273	16.81	cps
Barium	135-1	26635	25015	25224	25625	3.44	cps
Barium	137-1	44313	43469	44347	44043	1.13	cps
Beryllium	9-1	2244	2310	2147	2234	3.68	cps
Bismuth	209-1	10324342	10368990	10420510	10371280	0.46	cps
Bismuth	209-2	4976739	5000071	5084234	5020348	1.13	cps
Boron	10-1	10487	10195	10896	10526	3.34	cps
Boron	11-1	50360	50970	51681	51004	1.30	cps
Cadmium	111-1	6538	6471	6700	6570	1.80	cps
Cadmium	106-1	5026	5193	5518	5246	4.77	cps
Cadmium	108-1	300	313	250	288	11.50	cps
Calcium	43-1	14749	14608	14199	14519	1.97	cps
Calcium	44-1	242480	244811	247141	244811	0.95	cps
Chromium	52-2	5971	5558	5985	5838	4.16	cps
Cobalt	59-2	4444	4444	4411	4433	0.43	cps
Copper	63-2	7442	7265	7135	7281	2.12	cps
Dysprosium	156-1	25	17	67	36	74.18	cps
Dysprosium	156-2	30	20	47	32	41.81	cps
Erbium	164-1	58	92	83	78	22.30	cps
Erbium	164-2	63	80	70	71	11.80	cps
Gadolinium	160-1	150	125	125	133	10.82	cps
Gadolinium	160-2	140	217	197	184	21.56	cps
Holmium	165-1	14439301	14466399	14650924	14518875	0.79	cps
Holmium	165-2	6140196	6164268	6311590	6205351	1.50	cps
Indium	115-1	10322517	10430606	10457272	10403465	0.69	cps
Indium	115-2	1523758	1554727	1577650	1552045	1.74	cps
Iron	56-2	127857	127448	125117	126808	1.17	cps
Iron	57-2	3273	3106	3401	3260	4.53	cps
Krypton	83-1	1937	2100	2104	2047	4.66	cps
Lead	206-1	11795	11494	12139	11809	2.73	cps
Lead	207-1	10788	10488	10660	10645	1.42	cps
Lead	208-1	47673	47256	47952	47627	0.73	cps
Lithium	6-1	3232834	3262906	3243673	3246471	0.47	cps
Magnesium	24-2	115626	116483	115485	115865	0.47	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:23:37	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1607	1633	1687	1642	2.48	cps
Molybdenum	94-1	20975	20666	19965	20535	2.52	cps
Molybdenum	95-1	25724	26091	26384	26066	1.27	cps
Molybdenum	96-1	28329	28747	28722	28599	0.82	cps
Molybdenum	97-1	15476	15934	15709	15706	1.46	cps
Molybdenum	98-1	42464	42122	43166	42584	1.25	cps
Neodymium	150-1	27	7	27	20	57.73	cps
Neodymium	150-2	20	20	13	18	21.66	cps
Nickel	60-2	1323	1233	1460	1339	8.52	cps
Phosphorus	31-2	267	267	292	275	5.25	cps
Potassium	39-2	90082	92195	89671	90649	1.49	cps
Rhodium	103-1	9255143	9226527	9293729	9258467	0.36	cps
Rhodium	103-2	4124157	4117658	4245568	4162461	1.73	cps
Scandium	45-1	5804012	5826130	5895367	5841837	0.82	cps
Scandium	45-2	217837	215781	221338	218319	1.29	cps
Selenium	77-2	20	27	57	34	56.70	cps
Selenium	78-2	154	178	156	162	8.25	cps
Selenium	82-1	1247	1209	989	1149	12.12	cps
Silicon	28-1	147116	145332	144400	145616	0.95	cps
Silver	109-1	10688	10805	10187	10560	3.10	cps
Silver	107-1	10755	10629	10779	10721	0.75	cps
Sodium	23-2	238086	232286	232744	234372	1.38	cps
Strontium	86-1	6427	6769	6468	6555	2.85	cps
Strontium	88-1	29874	29223	28128	29075	3.03	cps
Sulfur	34-1	502349	495721	499727	499266	0.67	cps
Terbium	159-1	14932500	14968753	15100977	15000743	0.59	cps
Terbium	159-2	6197866	6192801	6309642	6233436	1.06	cps
Thallium	203-1	13758	13174	13658	13530	2.31	cps
Thallium	205-1	32273	32291	32407	32324	0.23	cps
Thorium	232-1	46600	46572	46009	46394	0.72	cps
Tin	118-1	47816	47883	47348	47682	0.61	cps
Titanium	47-1	6885	7019	7077	6994	1.41	cps
Uranium	238-1	50557	50825	50147	50510	0.68	cps
Vanadium	51-2	10390	10721	10647	10586	1.64	cps
Yttrium	89-1	10056626	10156896	10161627	10125050	0.59	cps
Yttrium	89-2	1107263	1110302	1148118	1121894	2.03	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:23:37	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1310	1357	1430	1366	4.43	cps
Zirconium	90-1	16852	16560	16143	16518	2.16	cps
Zirconium	91-1	3692	3834	3667	3731	2.41	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:27:13	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233184	232015	229255	231485	0.87	cps
Antimony	121-1	8360612	8424176	8299655	8361481	0.74	cps
Arsenic	75-2	123833	122998	123661	123498	0.36	cps
Barium	135-1	4038374	4025663	3956757	4006932	1.10	cps
Barium	137-1	7266213	7193142	7207008	7222121	0.54	cps
Beryllium	9-1	468580	467456	463010	466349	0.63	cps
Bismuth	209-1	10150410	10204805	10230414	10195210	0.40	cps
Bismuth	209-2	4834685	4778968	4789342	4800998	0.62	cps
Boron	10-1	319657	323981	323421	322353	0.73	cps
Boron	11-1	1508129	1533242	1527171	1522847	0.86	cps
Cadmium	111-1	1101993	1101650	1088067	1097237	0.72	cps
Cadmium	106-1	100614	100220	100328	100387	0.20	cps
Cadmium	108-1	72627	71777	70822	71742	1.26	cps
Calcium	43-1	1684	1517	1533	1578	5.82	cps
Calcium	44-1	21784	20315	21216	21105	3.51	cps
Chromium	52-2	981196	981807	975213	979406	0.37	cps
Cobalt	59-2	638195	634819	626169	633061	0.98	cps
Copper	63-2	1281968	1284964	1264955	1277296	0.84	cps
Dysprosium	156-1	42	92	50	61	43.83	cps
Dysprosium	156-2	90	57	63	70	25.20	cps
Erbium	164-1	75	83	67	75	11.11	cps
Erbium	164-2	73	103	70	82	22.33	cps
Gadolinium	160-1	117	100	200	139	38.58	cps
Gadolinium	160-2	170	187	150	169	10.87	cps
Holmium	165-1	14355393	14264578	14243962	14287978	0.41	cps
Holmium	165-2	5943377	5872642	5884178	5900066	0.64	cps
Indium	115-1	10115230	10182391	10212109	10169910	0.49	cps
Indium	115-2	1464692	1456477	1466804	1462658	0.37	cps
Iron	56-2	5585760	5556882	5550479	5564374	0.34	cps
Iron	57-2	139333	138845	138520	138899	0.29	cps
Krypton	83-1	1953	1960	1937	1950	0.62	cps
Lead	206-1	10990655	11130524	11036878	11052686	0.64	cps
Lead	207-1	9843440	9956472	9807517	9869143	0.79	cps
Lead	208-1	44756291	45202359	45005507	44988052	0.50	cps
Lithium	6-1	3160607	3170647	3136094	3155783	0.56	cps
Magnesium	24-2	317	367	392	358	10.66	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:27:13	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1707770	1698394	1686845	1697670	0.62	cps
Molybdenum	94-1	269463	266516	263785	266588	1.07	cps
Molybdenum	95-1	469857	468491	463225	467191	0.75	cps
Molybdenum	96-1	499710	502658	498636	500334	0.42	cps
Molybdenum	97-1	295402	294061	290689	293384	0.83	cps
Molybdenum	98-1	767859	762685	764824	765122	0.34	cps
Neodymium	150-1	433	400	320	384	15.15	cps
Neodymium	150-2	37	40	30	36	14.32	cps
Nickel	60-2	1815603	1818559	1798415	1810859	0.60	cps
Phosphorus	31-2	67	75	158	100	50.69	cps
Potassium	39-2	11505	11822	11905	11744	1.80	cps
Rhodium	103-1	8987917	9024838	9019569	9010775	0.22	cps
Rhodium	103-2	3911686	3868414	3897790	3892630	0.57	cps
Scandium	45-1	5661712	5693830	5630593	5662045	0.56	cps
Scandium	45-2	203250	203807	202206	203088	0.40	cps
Selenium	77-2	1630	1717	1810	1719	5.24	cps
Selenium	78-2	5494	5605	5538	5546	1.01	cps
Selenium	82-1	52983	52707	51923	52538	1.05	cps
Silicon	28-1	590017	583164	579265	584149	0.93	cps
Silver	109-1	8677690	8623845	8656993	8652843	0.31	cps
Silver	107-1	9033650	8980875	9009800	9008108	0.29	cps
Sodium	23-2	24562	24554	23853	24323	1.67	cps
Strontium	86-1	297951	300859	295259	298023	0.94	cps
Strontium	88-1	2588839	2581217	2543656	2571237	0.94	cps
Sulfur	34-1	445603	425241	405463	425436	4.72	cps
Terbium	159-1	14772974	14777904	14804596	14785158	0.12	cps
Terbium	159-2	5979654	5942073	5917763	5946497	0.52	cps
Thallium	203-1	5348112	5339267	5295811	5327730	0.53	cps
Thallium	205-1	13154171	13242989	13202082	13199747	0.34	cps
Thorium	232-1	3517	3667	3523	3569	2.38	cps
Tin	118-1	1258	1375	1192	1275	7.28	cps
Titanium	47-1	208	150	167	175	17.17	cps
Uranium	238-1	3584	3542	3626	3584	1.16	cps
Vanadium	51-2	549092	541708	542953	544584	0.73	cps
Yttrium	89-1	9809604	9890480	9876815	9858966	0.44	cps
Yttrium	89-2	1049229	1044880	1048387	1047498	0.22	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:27:13	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	661600	656809	652905	657105	0.66	cps
Zirconium	90-1	2475	2250	2609	2445	7.41	cps
Zirconium	91-1	2059	1942	1767	1922	7.64	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:30:49	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2400	2650	2442	2498	5.36	cps
Antimony	121-1	4276	4659	4459	4465	4.30	cps
Arsenic	75-2	15	17	22	18	21.51	cps
Barium	135-1	425	342	492	419	17.92	cps
Barium	137-1	775	500	600	625	22.27	cps
Beryllium	9-1	110	170	117	132	24.87	cps
Bismuth	209-1	10045474	10231848	10075579	10117634	0.99	cps
Bismuth	209-2	4738761	4699755	4709305	4715940	0.43	cps
Boron	10-1	52191	51697	50218	51369	2.00	cps
Boron	11-1	245285	246062	241898	244415	0.91	cps
Cadmium	111-1	3588	3454	3642	3561	2.72	cps
Cadmium	106-1	5059	4818	5051	4976	2.76	cps
Cadmium	108-1	71	63	75	69	9.17	cps
Calcium	43-1	342	392	325	353	9.83	cps
Calcium	44-1	12431	12055	12289	12258	1.55	cps
Chromium	52-2	613	540	647	600	9.09	cps
Cobalt	59-2	80	113	123	106	21.50	cps
Copper	63-2	850	910	873	878	3.45	cps
Dysprosium	156-1	17	83	42	47	71.32	cps
Dysprosium	156-2	60	37	23	40	46.40	cps
Erbium	164-1	58	67	42	56	22.91	cps
Erbium	164-2	103	90	73	89	16.92	cps
Gadolinium	160-1	67	150	75	97	47.21	cps
Gadolinium	160-2	150	177	197	174	13.42	cps
Holmium	165-1	14126762	14094466	14144769	14121999	0.18	cps
Holmium	165-2	5830920	5759240	5817917	5802693	0.66	cps
Indium	115-1	9899472	9852545	9921987	9891334	0.36	cps
Indium	115-2	1429634	1415931	1426487	1424017	0.50	cps
Iron	56-2	3701	3289	3278	3423	7.03	cps
Iron	57-2	106	100	83	96	12.01	cps
Krypton	83-1	1873	2094	1920	1962	5.91	cps
Lead	206-1	3184	3306	3717	3402	8.21	cps
Lead	207-1	2945	3178	3178	3100	4.35	cps
Lead	208-1	12475	13186	13798	13153	5.03	cps
Lithium	6-1	3084779	3100210	3060230	3081740	0.65	cps
Magnesium	24-2	475	450	442	456	3.81	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:30:49	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110	97	90	99	10.30	cps
Molybdenum	94-1	4309	4743	5018	4690	7.62	cps
Molybdenum	95-1	333	250	308	297	14.39	cps
Molybdenum	96-1	1008	1108	992	1036	6.09	cps
Molybdenum	97-1	233	150	142	175	28.97	cps
Molybdenum	98-1	608	450	442	500	18.78	cps
Neodymium	150-1	27	33	27	29	13.31	cps
Neodymium	150-2	13	10	7	10	33.30	cps
Nickel	60-2	250	237	197	228	12.19	cps
Phosphorus	31-2	50	58	67	58	14.29	cps
Potassium	39-2	12222	11680	11939	11947	2.27	cps
Rhodium	103-1	8831506	8833942	8874807	8846752	0.27	cps
Rhodium	103-2	3842802	3829820	3822624	3831749	0.27	cps
Scandium	45-1	5518245	5515185	5513500	5515643	0.04	cps
Scandium	45-2	199770	198375	199750	199298	0.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	9	28	15	69.28	cps
Selenium	82-1	55	-213	19	-46	-315.27	cps
Silicon	28-1	4247235	4248656	4225411	4240434	0.31	cps
Silver	109-1	683	642	475	600	18.37	cps
Silver	107-1	842	658	567	689	20.33	cps
Sodium	23-2	49440	50219	50979	50213	1.53	cps
Strontium	86-1	3234	3484	3301	3339	3.88	cps
Strontium	88-1	1775	1567	1700	1681	6.28	cps
Sulfur	34-1	395806	388909	384395	389703	1.47	cps
Terbium	159-1	14641741	14684536	14502353	14609543	0.65	cps
Terbium	159-2	5894605	5836401	5837768	5856258	0.57	cps
Thallium	203-1	2259	2209	2042	2170	5.23	cps
Thallium	205-1	4526	4142	3726	4131	9.69	cps
Thorium	232-1	3678	3517	3606	3601	2.24	cps
Tin	118-1	4472465	4405813	4419534	4432604	0.79	cps
Titanium	47-1	199430	200283	200764	200159	0.34	cps
Uranium	238-1	4126	3567	3184	3626	13.07	cps
Vanadium	51-2	27	33	17	26	32.81	cps
Yttrium	89-1	9644013	9663962	9656973	9654983	0.10	cps
Yttrium	89-2	1031939	1022362	1030172	1028158	0.50	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:30:49	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	250	247	223	240	6.05	cps
Zirconium	90-1	12181	12272	12097	12183	0.72	cps
Zirconium	91-1	2884	2450	2742	2692	8.21	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:34:26	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	58	28	96.44	cps
Antimony	121-1	717	600	617	644	9.79	cps
Arsenic	75-2	6	7	4	6	33.38	cps
Barium	135-1	1250	1342	1208	1267	5.39	cps
Barium	137-1	2384	2417	2509	2436	2.66	cps
Beryllium	9-1	133	77	70	93	37.29	cps
Bismuth	209-1	13003264	12848008	11957177	12602816	4.48	cps
Bismuth	209-2	5873637	5791494	5790681	5818604	0.82	cps
Boron	10-1	9837	9195	8036	9023	10.12	cps
Boron	11-1	43597	41433	40464	41831	3.84	cps
Cadmium	111-1	4733	4609	4273	4538	5.25	cps
Cadmium	106-1	6652	6452	6010	6371	5.16	cps
Cadmium	108-1	33	4	25	21	72.10	cps
Calcium	43-1	1145468	1140699	1113694	1133287	1.51	cps
Calcium	44-1	19000593	19021294	18422878	18814922	1.81	cps
Chromium	52-2	133	143	147	141	4.92	cps
Cobalt	59-2	107	77	120	101	21.95	cps
Copper	63-2	727	843	890	820	10.26	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	53	20	17	30	67.58	cps
Erbium	164-1	92	58	100	83	26.45	cps
Erbium	164-2	60	60	80	67	17.32	cps
Gadolinium	160-1	92	117	175	128	33.47	cps
Gadolinium	160-2	240	193	143	192	25.15	cps
Holmium	165-1	18969420	18677769	17259343	18302177	5.00	cps
Holmium	165-2	7511372	7427903	7355207	7431494	1.05	cps
Indium	115-1	13153606	12954802	12170750	12759719	4.07	cps
Indium	115-2	1812931	1821512	1800297	1811580	0.59	cps
Iron	56-2	1495	1361	1583	1480	7.56	cps
Iron	57-2	5618	5351	5590	5520	2.66	cps
Krypton	83-1	1907	1920	2084	1970	4.99	cps
Lead	206-1	4501	4518	4017	4345	6.54	cps
Lead	207-1	3856	4162	3928	3982	4.01	cps
Lead	208-1	17516	17577	16777	17290	2.58	cps
Lithium	6-1	4148711	4102388	3900034	4050378	3.27	cps
Magnesium	24-2	4988168	4977156	4984491	4983271	0.11	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:34:26	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	397	317	333	349	12.10	cps
Molybdenum	94-1	1200	1225	1100	1175	5.63	cps
Molybdenum	95-1	1608	1650	1575	1611	2.33	cps
Molybdenum	96-1	1942	1984	1650	1859	9.77	cps
Molybdenum	97-1	1100	1092	1000	1064	5.21	cps
Molybdenum	98-1	2959	2850	2725	2845	4.11	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	7	10	20	12	56.76	cps
Nickel	60-2	113	117	137	122	10.32	cps
Phosphorus	31-2	83	33	33	50	57.75	cps
Potassium	39-2	1031696	1030100	1032593	1031463	0.12	cps
Rhodium	103-1	11483789	11344796	10569450	11132678	4.43	cps
Rhodium	103-2	4760414	4770482	4769468	4766788	0.12	cps
Scandium	45-1	7418358	7339206	6857132	7204899	4.22	cps
Scandium	45-2	258024	260409	258408	258947	0.49	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	15	11	15	14	15.73	cps
Selenium	82-1	82	1	-215	-44	-348.94	cps
Silicon	28-1	66139	67470	67679	67096	1.25	cps
Silver	109-1	317	267	225	269	17.03	cps
Silver	107-1	400	333	492	408	19.47	cps
Sodium	23-2	40077401	39880187	40240933	40066174	0.45	cps
Strontium	86-1	18145	18095	17378	17873	2.40	cps
Strontium	88-1	128236	129134	123227	126866	2.51	cps
Sulfur	34-1	445401	467129	474217	462249	3.25	cps
Terbium	159-1	19533292	19297081	17881467	18903947	4.73	cps
Terbium	159-2	7528717	7501540	7488461	7506239	0.27	cps
Thallium	203-1	1884	1492	1467	1614	14.48	cps
Thallium	205-1	3542	2942	2417	2967	18.98	cps
Thorium	232-1	2778	2745	2956	2826	4.02	cps
Tin	118-1	1242	1100	1233	1192	6.67	cps
Titanium	47-1	142	92	83	106	29.89	cps
Uranium	238-1	3392	3351	3192	3312	3.19	cps
Vanadium	51-2	7	20	3	10	88.20	cps
Yttrium	89-1	12851078	12753417	11927669	12510721	4.05	cps
Yttrium	89-2	1329157	1324272	1329121	1327517	0.21	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:34:26	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	263	267	333	288	13.72	cps
Zirconium	90-1	1000	758	692	817	19.87	cps
Zirconium	91-1	192	142	208	181	19.22	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:38:53	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2717	2467	2450	2545	5.87	cps
Antimony	121-1	775	925	942	881	10.42	cps
Arsenic	75-2	4	7	6	6	33.38	cps
Barium	135-1	158	200	200	186	12.93	cps
Barium	137-1	392	358	417	389	7.53	cps
Beryllium	9-1	110	83	110	101	15.23	cps
Bismuth	209-1	10208473	10045574	10011300	10088449	1.04	cps
Bismuth	209-2	4699701	4706827	4706062	4704197	0.08	cps
Boron	10-1	38951	39185	40948	39695	2.75	cps
Boron	11-1	183511	185746	192056	187104	2.37	cps
Cadmium	111-1	3381	3254	3397	3344	2.35	cps
Cadmium	106-1	4818	4593	4776	4729	2.53	cps
Cadmium	108-1	29	33	42	35	18.33	cps
Calcium	43-1	408	408	333	383	11.30	cps
Calcium	44-1	12681	12456	12406	12514	1.17	cps
Chromium	52-2	553	650	533	579	10.78	cps
Cobalt	59-2	127	73	110	103	26.40	cps
Copper	63-2	883	917	860	887	3.21	cps
Dysprosium	156-1	58	25	42	42	40.00	cps
Dysprosium	156-2	27	37	13	26	45.82	cps
Erbium	164-1	75	83	50	69	24.98	cps
Erbium	164-2	73	77	50	67	21.80	cps
Gadolinium	160-1	92	42	100	78	40.56	cps
Gadolinium	160-2	180	183	153	172	9.55	cps
Holmium	165-1	14129646	14034664	14091072	14085127	0.34	cps
Holmium	165-2	5820823	5814160	5817110	5817364	0.06	cps
Indium	115-1	9909595	9767849	9783526	9820323	0.79	cps
Indium	115-2	1406213	1409593	1409579	1408461	0.14	cps
Iron	56-2	3145	3267	3117	3176	2.51	cps
Iron	57-2	122	94	72	96	26.02	cps
Krypton	83-1	2060	1974	1833	1956	5.85	cps
Lead	206-1	3389	3462	3534	3462	2.09	cps
Lead	207-1	3139	3223	3417	3260	4.37	cps
Lead	208-1	13136	13825	14281	13748	4.19	cps
Lithium	6-1	2986340	2973139	2970485	2976655	0.29	cps
Magnesium	24-2	492	533	442	489	9.39	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:38:53	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	50	67	59	14.25	cps
Molybdenum	94-1	4243	3834	4051	4042	5.06	cps
Molybdenum	95-1	117	175	142	144	20.26	cps
Molybdenum	96-1	875	875	700	817	12.37	cps
Molybdenum	97-1	150	83	158	131	31.49	cps
Molybdenum	98-1	350	250	225	275	24.05	cps
Neodymium	150-1	27	20	0	16	89.22	cps
Neodymium	150-2	23	20	17	20	16.65	cps
Nickel	60-2	153	140	180	158	12.91	cps
Phosphorus	31-2	67	58	42	56	22.91	cps
Potassium	39-2	11788	12289	11772	11950	2.46	cps
Rhodium	103-1	8817459	8767473	8711464	8765465	0.60	cps
Rhodium	103-2	3792479	3825199	3812772	3810150	0.43	cps
Scandium	45-1	5490014	5379727	5401602	5423781	1.08	cps
Scandium	45-2	196596	198645	196815	197352	0.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	7	11	11	33.30	cps
Selenium	82-1	-98	-70	89	-26	-382.45	cps
Silicon	28-1	4181790	4146930	4158851	4162524	0.43	cps
Silver	109-1	300	242	225	256	15.41	cps
Silver	107-1	367	367	367	367	0.00	cps
Sodium	23-2	53914	55420	53337	54224	1.98	cps
Strontium	86-1	3201	3175	3451	3276	4.64	cps
Strontium	88-1	1442	1350	1567	1453	7.49	cps
Sulfur	34-1	469009	459531	448054	458865	2.29	cps
Terbium	159-1	14654003	14490591	14360886	14501827	1.01	cps
Terbium	159-2	5867008	5891633	5814105	5857582	0.68	cps
Thallium	203-1	1142	1117	1158	1139	1.84	cps
Thallium	205-1	2142	2100	2284	2175	4.42	cps
Thorium	232-1	3634	3312	3517	3488	4.68	cps
Tin	118-1	4436495	4411738	4407071	4418435	0.36	cps
Titanium	47-1	197006	198966	200561	198844	0.90	cps
Uranium	238-1	3459	3551	3709	3573	3.54	cps
Vanadium	51-2	20	27	17	21	24.12	cps
Yttrium	89-1	9602680	9488491	9484472	9525214	0.70	cps
Yttrium	89-2	1017569	1016798	1015526	1016631	0.10	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:38:53	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	230	263	277	257	9.36	cps
Zirconium	90-1	10938	11080	11097	11038	0.79	cps
Zirconium	91-1	2442	2350	2517	2436	3.43	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:42:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	226380	226869	227393	226881	0.22	cps
Antimony	121-1	8332334	8396701	8376995	8368677	0.39	cps
Arsenic	75-2	121792	122578	122505	122291	0.36	cps
Barium	135-1	3998150	4022840	4058246	4026412	0.75	cps
Barium	137-1	7166773	7299469	7236018	7234087	0.92	cps
Beryllium	9-1	446600	441161	441467	443076	0.69	cps
Bismuth	209-1	10071765	10193305	10134477	10133182	0.60	cps
Bismuth	209-2	4756818	4770957	4778013	4768596	0.23	cps
Boron	10-1	301107	308204	313014	307442	1.95	cps
Boron	11-1	1423244	1453032	1501550	1459275	2.71	cps
Cadmium	111-1	1075916	1082506	1075710	1078044	0.36	cps
Cadmium	106-1	99960	101537	99708	100402	0.99	cps
Cadmium	108-1	70005	71006	71287	70766	0.95	cps
Calcium	43-1	1583	1650	1567	1600	2.76	cps
Calcium	44-1	20148	20557	20348	20351	1.00	cps
Chromium	52-2	967123	971807	964623	967851	0.38	cps
Cobalt	59-2	624276	622296	624178	623583	0.18	cps
Copper	63-2	1258697	1267224	1267800	1264574	0.40	cps
Dysprosium	156-1	75	108	75	86	22.35	cps
Dysprosium	156-2	67	57	83	69	19.55	cps
Erbium	164-1	50	92	67	69	30.20	cps
Erbium	164-2	77	60	67	68	12.38	cps
Gadolinium	160-1	133	75	92	100	30.05	cps
Gadolinium	160-2	140	157	153	150	5.88	cps
Holmium	165-1	14200500	14155783	14293756	14216679	0.50	cps
Holmium	165-2	5882018	5922058	5902030	5902035	0.34	cps
Indium	115-1	9842190	9901959	9923707	9889285	0.43	cps
Indium	115-2	1427827	1441637	1433642	1434369	0.48	cps
Iron	56-2	5522004	5497438	5478852	5499431	0.39	cps
Iron	57-2	135828	136736	136629	136398	0.36	cps
Krypton	83-1	1937	1793	1837	1856	3.96	cps
Lead	206-1	11199861	11343271	11403629	11315587	0.92	cps
Lead	207-1	9904072	10054902	10211708	10056894	1.53	cps
Lead	208-1	45177847	45540920	46048952	45589240	0.96	cps
Lithium	6-1	2937668	2912234	2939046	2929649	0.52	cps
Magnesium	24-2	383	400	358	381	5.51	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:42:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1690157	1685309	1687656	1687707	0.14	cps
Molybdenum	94-1	257852	259102	263697	260217	1.18	cps
Molybdenum	95-1	457844	465854	461400	461699	0.87	cps
Molybdenum	96-1	489237	489248	492670	490385	0.40	cps
Molybdenum	97-1	288794	286908	286697	287467	0.40	cps
Molybdenum	98-1	746209	755521	748221	749984	0.65	cps
Neodymium	150-1	333	313	300	316	5.32	cps
Neodymium	150-2	23	30	20	24	20.83	cps
Nickel	60-2	1783671	1787077	1792473	1787740	0.25	cps
Phosphorus	31-2	100	83	75	86	14.78	cps
Potassium	39-2	11446	10871	10654	10991	3.73	cps
Rhodium	103-1	8574121	8666210	8643409	8627913	0.56	cps
Rhodium	103-2	3819133	3815527	3836137	3823599	0.29	cps
Scandium	45-1	5368874	5377448	5398980	5381767	0.29	cps
Scandium	45-2	195295	195082	194915	195097	0.10	cps
Selenium	77-2	1587	1770	1643	1667	5.63	cps
Selenium	78-2	5744	5736	5716	5732	0.25	cps
Selenium	82-1	51492	51586	51684	51587	0.19	cps
Silicon	28-1	554254	557444	557549	556416	0.34	cps
Silver	109-1	8485507	8530246	8548031	8521261	0.38	cps
Silver	107-1	8943594	8825194	8889754	8886181	0.67	cps
Sodium	23-2	24905	24988	24604	24832	0.81	cps
Strontium	86-1	294240	291635	292985	292953	0.44	cps
Strontium	88-1	2524652	2548414	2517875	2530314	0.63	cps
Sulfur	34-1	399261	394026	384836	392708	1.86	cps
Terbium	159-1	14638770	14597123	14644995	14626963	0.18	cps
Terbium	159-2	5907300	5919874	5867326	5898166	0.47	cps
Thallium	203-1	5415043	5382682	5457248	5418324	0.69	cps
Thallium	205-1	13276391	13449025	13514941	13413452	0.92	cps
Thorium	232-1	2689	2862	2950	2834	4.69	cps
Tin	118-1	3642	3217	3492	3451	6.25	cps
Titanium	47-1	167	142	175	161	10.77	cps
Uranium	238-1	3426	3242	3234	3301	3.28	cps
Vanadium	51-2	538855	537721	538437	538337	0.11	cps
Yttrium	89-1	9513164	9568449	9529355	9536989	0.30	cps
Yttrium	89-2	1020734	1022606	1016200	1019846	0.32	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:42:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	649775	652606	653147	651843	0.28	cps
Zirconium	90-1	1825	1692	1934	1817	6.66	cps
Zirconium	91-1	1842	2000	1842	1895	4.83	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:46:06	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	33	19	65.47	cps
Antimony	121-1	2092	2092	1875	2020	6.20	cps
Arsenic	75-2	19	11	19	16	26.66	cps
Barium	135-1	1817	1775	1475	1689	11.04	cps
Barium	137-1	2884	2742	2625	2750	4.70	cps
Beryllium	9-1	127	133	143	134	6.24	cps
Bismuth	209-1	13045957	12759969	12538304	12781410	1.99	cps
Bismuth	209-2	5929356	5838464	5824575	5864132	0.97	cps
Boron	10-1	16893	16493	16409	16599	1.56	cps
Boron	11-1	77230	78580	72860	76223	3.92	cps
Cadmium	111-1	4698	4647	4159	4501	6.61	cps
Cadmium	106-1	6443	6418	5710	6191	6.73	cps
Cadmium	108-1	29	42	13	28	52.68	cps
Calcium	43-1	1113420	1103478	1099948	1105615	0.63	cps
Calcium	44-1	18336326	18201643	18216806	18251592	0.40	cps
Chromium	52-2	177	173	217	189	12.77	cps
Cobalt	59-2	80	143	123	116	28.02	cps
Copper	63-2	787	897	813	832	6.90	cps
Dysprosium	156-1	42	25	0	22	94.38	cps
Dysprosium	156-2	30	17	30	26	30.11	cps
Erbium	164-1	67	117	125	103	30.70	cps
Erbium	164-2	93	100	80	91	11.18	cps
Gadolinium	160-1	67	108	92	89	23.59	cps
Gadolinium	160-2	167	157	187	170	8.99	cps
Holmium	165-1	18767401	18428420	18198233	18464685	1.55	cps
Holmium	165-2	7558558	7487875	7490606	7512346	0.53	cps
Indium	115-1	12842988	12770451	12623191	12745544	0.88	cps
Indium	115-2	1793752	1792506	1802446	1796235	0.30	cps
Iron	56-2	1328	1506	1372	1402	6.60	cps
Iron	57-2	5246	4901	5518	5221	5.92	cps
Krypton	83-1	1883	1974	1980	1946	2.78	cps
Lead	206-1	5196	5084	4918	5066	2.76	cps
Lead	207-1	4679	4429	4490	4532	2.88	cps
Lead	208-1	20590	19512	18839	19647	4.50	cps
Lithium	6-1	3978444	3889143	3883690	3917092	1.36	cps
Magnesium	24-2	4885583	4912133	4911083	4902933	0.31	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:46:06	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	413	430	397	413	4.03	cps
Molybdenum	94-1	1175	1225	1300	1233	5.10	cps
Molybdenum	95-1	1859	1567	1650	1692	8.88	cps
Molybdenum	96-1	1884	2017	2000	1967	3.69	cps
Molybdenum	97-1	1050	1142	867	1020	13.74	cps
Molybdenum	98-1	3009	2934	3009	2984	1.45	cps
Neodymium	150-1	13	40	0	18	114.57	cps
Neodymium	150-2	13	23	17	18	28.64	cps
Nickel	60-2	160	210	190	187	13.48	cps
Phosphorus	31-2	75	58	67	67	12.49	cps
Potassium	39-2	1012692	1022010	1018914	1017872	0.47	cps
Rhodium	103-1	11201536	11050689	11009480	11087235	0.91	cps
Rhodium	103-2	4701497	4701483	4710859	4704613	0.11	cps
Scandium	45-1	7151770	7054036	7022648	7076151	0.95	cps
Scandium	45-2	255495	255905	254622	255341	0.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	15	13	13	14.27	cps
Selenium	82-1	17	-92	-79	-51	-115.39	cps
Silicon	28-1	64113	65954	65603	65223	1.50	cps
Silver	109-1	1117	1200	858	1058	16.83	cps
Silver	107-1	1425	1017	975	1139	21.83	cps
Sodium	23-2	39622769	39485536	39379277	39495861	0.31	cps
Strontium	86-1	17895	17795	17111	17600	2.43	cps
Strontium	88-1	129142	125411	123528	126027	2.27	cps
Sulfur	34-1	431234	447553	456545	445111	2.88	cps
Terbium	159-1	19214012	19045645	18823855	19027837	1.03	cps
Terbium	159-2	7523106	7480039	7448171	7483772	0.50	cps
Thallium	203-1	2042	1867	1850	1920	5.53	cps
Thallium	205-1	4434	3626	3401	3820	14.23	cps
Thorium	232-1	2684	2761	2584	2676	3.33	cps
Tin	118-1	642	642	542	608	9.49	cps
Titanium	47-1	67	133	75	92	39.62	cps
Uranium	238-1	3259	3267	3276	3267	0.25	cps
Vanadium	51-2	30	23	33	29	17.63	cps
Yttrium	89-1	12584056	12351247	12359588	12431630	1.06	cps
Yttrium	89-2	1304841	1300244	1299961	1301682	0.21	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 16:46:06	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	363	197	303	288	29.33	cps
Zirconium	90-1	792	833	983	870	11.60	cps
Zirconium	91-1	208	167	158	178	15.07	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-09-29 16:53:24	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114924	116980	116660	116188	0.95	cps
Antimony	121-1	4036342	4032711	4104807	4057953	1.00	cps
Arsenic	75-2	62240	62827	62249	62439	0.54	cps
Barium	135-1	2017940	2019278	2037624	2024947	0.54	cps
Barium	137-1	3574031	3544367	3569988	3562795	0.45	cps
Beryllium	9-1	226045	224455	225260	225253	0.35	cps
Bismuth	209-1	10164344	10185045	10301257	10216882	0.72	cps
Bismuth	209-2	4834809	4891645	4883306	4869920	0.63	cps
Boron	10-1	160738	160090	165742	162190	1.91	cps
Boron	11-1	751065	777640	784259	770988	2.28	cps
Cadmium	111-1	546155	546501	551982	548213	0.60	cps
Cadmium	106-1	51996	52490	53719	52735	1.68	cps
Cadmium	108-1	35152	35165	35424	35247	0.44	cps
Calcium	43-1	917	942	908	922	1.88	cps
Calcium	44-1	14750	14958	15450	15053	2.39	cps
Chromium	52-2	493118	493590	492978	493229	0.07	cps
Cobalt	59-2	321429	318777	320222	320143	0.41	cps
Copper	63-2	644566	645121	644468	644718	0.05	cps
Dysprosium	156-1	75	50	25	50	50.00	cps
Dysprosium	156-2	53	73	57	61	17.53	cps
Erbium	164-1	42	83	58	61	34.32	cps
Erbium	164-2	67	53	67	62	12.38	cps
Gadolinium	160-1	133	133	50	106	45.58	cps
Gadolinium	160-2	153	183	163	167	9.16	cps
Holmium	165-1	14264529	14188718	14434598	14295948	0.88	cps
Holmium	165-2	6032529	5965220	5980838	5992862	0.59	cps
Indium	115-1	10119921	10137636	10182713	10146757	0.32	cps
Indium	115-2	1481446	1470151	1471000	1474199	0.43	cps
Iron	56-2	2814274	2792763	2788094	2798377	0.50	cps
Iron	57-2	70368	69185	69665	69740	0.85	cps
Krypton	83-1	1990	1984	2037	2004	1.45	cps
Lead	206-1	5342802	5391010	5446828	5393547	0.97	cps
Lead	207-1	4799495	4804578	4891962	4832012	1.08	cps
Lead	208-1	21997857	22155446	22510429	22221244	1.18	cps
Lithium	6-1	3017298	3014984	3060822	3031034	0.85	cps
Magnesium	24-2	567	392	367	442	24.67	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-09-29 16:53:24	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	857224	854951	848044	853407	0.56	cps
Molybdenum	94-1	131703	132644	133064	132470	0.53	cps
Molybdenum	95-1	230802	232334	231498	231545	0.33	cps
Molybdenum	96-1	250945	246867	250511	249441	0.90	cps
Molybdenum	97-1	145183	147591	147126	146633	0.87	cps
Molybdenum	98-1	375315	377375	379505	377398	0.56	cps
Neodymium	150-1	173	213	200	196	10.41	cps
Neodymium	150-2	7	20	13	13	49.99	cps
Nickel	60-2	913028	920916	910288	914744	0.60	cps
Phosphorus	31-2	50	50	125	75	57.74	cps
Potassium	39-2	10938	10704	11088	10910	1.77	cps
Rhodium	103-1	8847553	8958568	8914798	8906973	0.63	cps
Rhodium	103-2	3937240	3910436	3929355	3925677	0.35	cps
Scandium	45-1	5504850	5521112	5559104	5528356	0.50	cps
Scandium	45-2	204538	203106	201582	203075	0.73	cps
Selenium	77-2	940	917	763	873	10.99	cps
Selenium	78-2	2948	2913	2954	2939	0.75	cps
Selenium	82-1	25771	25827	25888	25829	0.23	cps
Silicon	28-1	325786	324885	325867	325513	0.17	cps
Silver	109-1	4139761	4146112	4150552	4145475	0.13	cps
Silver	107-1	4305571	4282654	4323795	4304007	0.48	cps
Sodium	23-2	23536	22768	22860	23055	1.82	cps
Strontium	86-1	147305	148024	148159	147829	0.31	cps
Strontium	88-1	1267699	1268125	1284542	1273455	0.75	cps
Sulfur	34-1	444102	430908	417320	430777	3.11	cps
Terbium	159-1	14695644	14876461	14851127	14807744	0.66	cps
Terbium	159-2	6033276	5982391	6027864	6014510	0.46	cps
Thallium	203-1	2683396	2694291	2748615	2708768	1.29	cps
Thallium	205-1	6576634	6611277	6691938	6626616	0.89	cps
Thorium	232-1	2973	3017	3034	3008	1.05	cps
Tin	118-1	1592	1625	1709	1642	3.66	cps
Titanium	47-1	175	175	158	169	5.68	cps
Uranium	238-1	3742	3542	3284	3523	6.52	cps
Vanadium	51-2	275472	274330	273236	274346	0.41	cps
Yttrium	89-1	9690527	9734407	9821017	9748650	0.68	cps
Yttrium	89-2	1053599	1056433	1052088	1054040	0.21	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-09-29 16:53:24	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	331355	331337	329894	330862	0.25	cps
Zirconium	90-1	1400	1425	1217	1347	8.44	cps
Zirconium	91-1	1033	983	1117	1045	6.45	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-09-29 16:57:02	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	250	308	253	21.45	cps
Antimony	121-1	2350	2700	2975	2675	11.71	cps
Arsenic	75-2	11	4	7	7	50.02	cps
Barium	135-1	375	292	225	297	25.29	cps
Barium	137-1	533	583	600	572	6.06	cps
Beryllium	9-1	67	120	73	87	33.53	cps
Bismuth	209-1	10475725	10531756	10492879	10500120	0.27	cps
Bismuth	209-2	4962275	4968606	4906951	4945944	0.69	cps
Boron	10-1	12447	11522	11013	11661	6.24	cps
Boron	11-1	58933	56900	53479	56437	4.88	cps
Cadmium	111-1	3433	3718	3663	3605	4.19	cps
Cadmium	106-1	4843	5201	5159	5068	3.87	cps
Cadmium	108-1	33	21	33	29	24.75	cps
Calcium	43-1	177478	178868	180234	178860	0.77	cps
Calcium	44-1	2880611	2901318	2901156	2894362	0.41	cps
Chromium	52-2	433	413	420	422	2.41	cps
Cobalt	59-2	57	70	53	60	14.70	cps
Copper	63-2	873	810	837	840	3.79	cps
Dysprosium	156-1	25	50	42	39	32.73	cps
Dysprosium	156-2	33	23	17	24	34.31	cps
Erbium	164-1	108	58	67	78	34.44	cps
Erbium	164-2	67	80	60	69	14.78	cps
Gadolinium	160-1	42	133	142	106	52.56	cps
Gadolinium	160-2	147	143	217	169	24.52	cps
Holmium	165-1	14717112	14833376	14880123	14810204	0.57	cps
Holmium	165-2	6233319	6216136	6179041	6209499	0.45	cps
Indium	115-1	10407989	10384125	10431845	10407986	0.23	cps
Indium	115-2	1507204	1520529	1518442	1515392	0.47	cps
Iron	56-2	2072	1984	2145	2067	3.91	cps
Iron	57-2	911	956	811	893	8.29	cps
Krypton	83-1	1910	1950	2084	1981	4.58	cps
Lead	206-1	2367	2367	2328	2354	0.95	cps
Lead	207-1	2122	2256	2367	2248	5.44	cps
Lead	208-1	8740	8974	8968	8894	1.50	cps
Lithium	6-1	3118813	3132117	3151916	3134282	0.53	cps
Magnesium	24-2	785450	782844	778777	782357	0.43	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-09-29 16:57:02	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120	153	127	133	13.23	cps
Molybdenum	94-1	433	567	533	511	13.58	cps
Molybdenum	95-1	308	350	333	331	6.34	cps
Molybdenum	96-1	517	517	575	536	6.28	cps
Molybdenum	97-1	308	208	267	261	19.24	cps
Molybdenum	98-1	683	733	625	681	7.97	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	10	20	10	13	43.30	cps
Nickel	60-2	137	147	107	130	16.01	cps
Phosphorus	31-2	75	42	50	56	31.22	cps
Potassium	39-2	173418	175323	171994	173578	0.96	cps
Rhodium	103-1	9096394	9104412	9186258	9129022	0.54	cps
Rhodium	103-2	4006983	4023412	4004430	4011608	0.26	cps
Scandium	45-1	5733662	5729138	5782209	5748336	0.51	cps
Scandium	45-2	212879	210838	210740	211486	0.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	17	17	17	0.00	cps
Selenium	82-1	128	86	-138	25	561.35	cps
Silicon	28-1	79368	77082	79151	78534	1.61	cps
Silver	109-1	350	458	317	375	19.75	cps
Silver	107-1	458	483	367	436	14.08	cps
Sodium	23-2	6433339	6373749	6347765	6384951	0.69	cps
Strontium	86-1	5835	5668	5827	5776	1.63	cps
Strontium	88-1	21074	21358	21392	21275	0.82	cps
Sulfur	34-1	416043	420950	427107	421367	1.32	cps
Terbium	159-1	15230894	15291079	15315667	15279213	0.29	cps
Terbium	159-2	6256625	6259162	6195014	6236934	0.58	cps
Thallium	203-1	1684	1233	1584	1500	15.75	cps
Thallium	205-1	2975	3034	2700	2903	6.13	cps
Thorium	232-1	3028	2839	2945	2937	3.22	cps
Tin	118-1	1125	1400	1342	1289	11.24	cps
Titanium	47-1	92	83	83	86	5.58	cps
Uranium	238-1	3717	3534	3384	3545	4.71	cps
Vanadium	51-2	10	10	10	10	0.00	cps
Yttrium	89-1	10071060	10077352	10128569	10092327	0.31	cps
Yttrium	89-2	1085616	1100336	1087706	1091219	0.73	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4842-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired ::	2019-09-29 16:57:02	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	207	267	240	238	12.64	cps
Zirconium	90-1	900	892	950	914	3.45	cps
Zirconium	91-1	133	175	183	164	16.34	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-09-29 17:00:37	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	158	83	139	35.16	cps
Antimony	121-1	642	725	842	736	13.65	cps
Arsenic	75-2	9	7	4	7	41.70	cps
Barium	135-1	650	700	700	683	4.22	cps
Barium	137-1	1133	833	1092	1020	15.94	cps
Beryllium	9-1	97	87	87	90	6.41	cps
Bismuth	209-1	10985547	10944759	10805159	10911822	0.87	cps
Bismuth	209-2	5079654	5075055	5054195	5069635	0.27	cps
Boron	10-1	7285	6743	6452	6827	6.20	cps
Boron	11-1	32745	32077	30648	31823	3.37	cps
Cadmium	111-1	3934	3483	3697	3705	6.09	cps
Cadmium	106-1	5551	4901	5176	5210	6.27	cps
Cadmium	108-1	21	21	25	22	10.84	cps
Calcium	43-1	483327	481918	468879	478041	1.67	cps
Calcium	44-1	7879204	7808311	7774011	7820509	0.69	cps
Chromium	52-2	253	320	287	287	11.63	cps
Cobalt	59-2	53	57	70	60	14.70	cps
Copper	63-2	857	843	837	846	1.20	cps
Dysprosium	156-1	33	17	42	31	41.66	cps
Dysprosium	156-2	30	37	23	30	22.23	cps
Erbium	164-1	50	33	75	53	39.74	cps
Erbium	164-2	77	87	73	79	8.80	cps
Gadolinium	160-1	83	133	58	92	41.66	cps
Gadolinium	160-2	190	187	187	188	1.02	cps
Holmium	165-1	15647208	15657101	15345635	15549981	1.14	cps
Holmium	165-2	6533763	6409244	6378368	6440459	1.28	cps
Indium	115-1	10926578	10866718	10755141	10849479	0.80	cps
Indium	115-2	1582044	1573339	1568732	1574705	0.43	cps
Iron	56-2	1533	1956	1834	1774	12.25	cps
Iron	57-2	2150	2422	2228	2267	6.19	cps
Krypton	83-1	1927	1883	2044	1951	4.24	cps
Lead	206-1	2478	2784	2850	2704	7.34	cps
Lead	207-1	2284	2634	2534	2484	7.26	cps
Lead	208-1	9507	10385	10813	10235	6.50	cps
Lithium	6-1	3354717	3343700	3278298	3325572	1.24	cps
Magnesium	24-2	2052845	2044413	2050209	2049156	0.21	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-09-29 17:00:37	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	160	173	140	158	10.64	cps
Molybdenum	94-1	667	633	567	622	8.18	cps
Molybdenum	95-1	667	783	817	756	10.42	cps
Molybdenum	96-1	808	842	733	795	6.98	cps
Molybdenum	97-1	442	425	508	458	9.62	cps
Molybdenum	98-1	1175	1358	1217	1250	7.69	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	13	3	23	13	75.02	cps
Nickel	60-2	130	113	113	119	8.09	cps
Phosphorus	31-2	50	17	42	36	48.03	cps
Potassium	39-2	443344	434291	440179	439271	1.05	cps
Rhodium	103-1	9648724	9576958	9566036	9597239	0.47	cps
Rhodium	103-2	4164626	4137789	4129912	4144109	0.44	cps
Scandium	45-1	6186478	6059023	6032438	6092646	1.35	cps
Scandium	45-2	223444	220347	221340	221710	0.71	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	17	19	17	17	6.18	cps
Selenium	82-1	25	161	-50	46	234.31	cps
Silicon	28-1	72820	73556	73866	73414	0.73	cps
Silver	109-1	225	233	267	242	9.12	cps
Silver	107-1	267	250	233	250	6.67	cps
Sodium	23-2	16817914	16723266	16763307	16768162	0.28	cps
Strontium	86-1	9362	10121	9420	9634	4.38	cps
Strontium	88-1	54229	55290	54496	54672	1.01	cps
Sulfur	34-1	464940	469786	477284	470670	1.32	cps
Terbium	159-1	16098654	16037809	15965696	16034053	0.42	cps
Terbium	159-2	6561656	6445671	6441363	6482897	1.05	cps
Thallium	203-1	1358	1108	1158	1208	10.95	cps
Thallium	205-1	2075	1942	1834	1950	6.21	cps
Thorium	232-1	2500	2689	2700	2630	4.27	cps
Tin	118-1	1000	892	942	945	5.74	cps
Titanium	47-1	92	125	108	108	15.39	cps
Uranium	238-1	3526	3117	3301	3314	6.17	cps
Vanadium	51-2	3	0	3	2	86.60	cps
Yttrium	89-1	10718812	10748400	10537220	10668144	1.07	cps
Yttrium	89-2	1141231	1129488	1129701	1133473	0.59	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	K4841-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2019-09-29 17:00:37	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	233	187	267	229	17.56	cps
Zirconium	90-1	758	808	792	786	3.24	cps
Zirconium	91-1	117	108	200	142	35.78	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:04:14	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3808748	3799021	3780900	3796223	0.37	cps
Antimony	121-1	4837760	4843966	4827817	4836515	0.17	cps
Arsenic	75-2	110850	112085	110992	111309	0.61	cps
Barium	135-1	5527325	5513212	5508476	5516338	0.18	cps
Barium	137-1	9755908	9752035	9749936	9752627	0.03	cps
Beryllium	9-1	890139	877019	886241	884466	0.76	cps
Bismuth	209-1	8844805	8818363	8855610	8839593	0.22	cps
Bismuth	209-2	4126717	4151562	4098243	4125507	0.65	cps
Boron	10-1	159602	156780	160239	158874	1.16	cps
Boron	11-1	747238	747124	763718	752694	1.27	cps
Cadmium	111-1	1485949	1488934	1482889	1485924	0.20	cps
Cadmium	106-1	175320	179353	176419	177031	1.18	cps
Cadmium	108-1	119221	119238	116659	118373	1.25	cps
Calcium	43-1	6092186	6153550	6137187	6127641	0.52	cps
Calcium	44-1	98845338	99809906	99309531	99321592	0.49	cps
Chromium	52-2	1130592	1141682	1138139	1136804	0.50	cps
Cobalt	59-2	1940845	1947986	1936089	1941640	0.31	cps
Copper	63-2	2731250	2765649	2736912	2744603	0.67	cps
Dysprosium	156-1	150	125	142	139	9.16	cps
Dysprosium	156-2	127	123	107	119	9.01	cps
Erbium	164-1	117	92	100	103	12.38	cps
Erbium	164-2	70	63	80	71	11.80	cps
Gadolinium	160-1	125	167	100	131	25.80	cps
Gadolinium	160-2	207	173	177	186	9.89	cps
Holmium	165-1	13609347	13723410	13807043	13713267	0.72	cps
Holmium	165-2	5688836	5637428	5608944	5645069	0.72	cps
Indium	115-1	8946270	8918086	8946866	8937074	0.18	cps
Indium	115-2	1290302	1303005	1291875	1295061	0.53	cps
Iron	56-2	238546661	238613828	237108000	238089496	0.36	cps
Iron	57-2	5975155	5949209	5966873	5963746	0.22	cps
Krypton	83-1	1727	1717	1910	1785	6.10	cps
Lead	206-1	4566990	4534830	4539142	4546987	0.38	cps
Lead	207-1	4116697	4090270	4091527	4099498	0.36	cps
Lead	208-1	18843741	18796380	18832545	18824222	0.13	cps
Lithium	6-1	2738305	2709786	2721275	2723122	0.53	cps
Magnesium	24-2	46233989	46167000	45637398	46012795	0.71	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:04:14	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1280899	1287796	1285394	1284696	0.27	cps
Molybdenum	94-1	9279576	9318064	9292328	9296656	0.21	cps
Molybdenum	95-1	11647231	11623376	11632394	11634334	0.10	cps
Molybdenum	96-1	12912597	12866463	12877159	12885406	0.19	cps
Molybdenum	97-1	7349706	7294893	7316831	7320477	0.38	cps
Molybdenum	98-1	19290895	19098453	19160861	19183403	0.51	cps
Neodymium	150-1	640	727	567	644	12.43	cps
Neodymium	150-2	53	80	80	71	21.65	cps
Nickel	60-2	502854	506382	501477	503571	0.50	cps
Phosphorus	31-2	33388	34474	33113	33658	2.14	cps
Potassium	39-2	16644059	16777808	16500583	16640817	0.83	cps
Rhodium	103-1	7486486	7510223	7504114	7500274	0.16	cps
Rhodium	103-2	3275748	3316165	3291314	3294409	0.62	cps
Scandium	45-1	5079626	5120598	5063196	5087806	0.58	cps
Scandium	45-2	186184	190220	188853	188419	1.09	cps
Selenium	77-2	3340	3197	3127	3222	3.38	cps
Selenium	78-2	10428	10465	10400	10431	0.31	cps
Selenium	82-1	94767	94130	93560	94152	0.64	cps
Silicon	28-1	2955016	3018077	3056941	3010011	1.71	cps
Silver	109-1	5960402	6017687	5925232	5967773	0.78	cps
Silver	107-1	6212785	6265429	6151466	6209893	0.92	cps
Sodium	23-2	91075792	89948592	89737290	90253891	0.80	cps
Strontium	86-1	1371394	1364829	1368725	1368316	0.24	cps
Strontium	88-1	12113353	12165323	12104741	12127805	0.27	cps
Sulfur	34-1	892944	892445	890823	892071	0.12	cps
Terbium	159-1	14026103	14015578	13989002	14010228	0.14	cps
Terbium	159-2	5644400	5655780	5608053	5636078	0.44	cps
Thallium	203-1	5732901	5571282	5785730	5696638	1.96	cps
Thallium	205-1	13802996	13644802	13835214	13761004	0.74	cps
Thorium	232-1	22433383	22392183	22295064	22373543	0.32	cps
Tin	118-1	4324423	4344475	4357931	4342277	0.39	cps
Titanium	47-1	2766171	2785791	2776036	2775999	0.35	cps
Uranium	238-1	22859507	23024105	22950403	22944672	0.36	cps
Vanadium	51-2	860337	870747	864770	865284	0.60	cps
Yttrium	89-1	8863190	8998783	8920013	8927329	0.76	cps
Yttrium	89-2	967128	969096	969839	968688	0.14	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV87	Instrumnet Name :	P7
Client Sample ID :	CCV87	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:04:14	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	448467	452096	452393	450985	0.48	cps
Zirconium	90-1	7261611	7295761	7308161	7288511	0.33	cps
Zirconium	91-1	1590743	1608286	1600842	1599957	0.55	cps

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : CCB87 Instrumnet Name : P7
 Client Sample ID : CCB87 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 17:15:35 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	300	242	267	11.27	cps
Antimony	121-1	1500	1567	1417	1495	5.03	cps
Arsenic	75-2	9	4	11	8	48.07	cps
Barium	135-1	108	142	142	131	14.74	cps
Barium	137-1	192	167	217	192	13.04	cps
Beryllium	9-1	110	157	97	121	26.01	cps
Bismuth	209-1	10414307	10481628	9220728	10038888	7.07	cps
Bismuth	209-2	5010571	4970431	5028595	5003199	0.60	cps
Boron	10-1	4301	3967	4042	4103	4.26	cps
Boron	11-1	20323	20448	19622	20131	2.21	cps
Cadmium	111-1	3728	3359	3146	3411	8.63	cps
Cadmium	106-1	5235	4668	4426	4776	8.69	cps
Cadmium	108-1	33	13	8	18	74.19	cps
Calcium	43-1	300	467	308	358	26.21	cps
Calcium	44-1	9687	9529	9220	9478	2.51	cps
Chromium	52-2	493	373	513	460	16.46	cps
Cobalt	59-2	70	87	43	67	32.79	cps
Copper	63-2	777	723	760	753	3.62	cps
Dysprosium	156-1	50	25	25	33	43.30	cps
Dysprosium	156-2	30	27	40	32	21.53	cps
Erbium	164-1	83	83	75	81	5.98	cps
Erbium	164-2	67	77	37	60	34.69	cps
Gadolinium	160-1	142	83	83	103	32.76	cps
Gadolinium	160-2	187	177	153	172	9.93	cps
Holmium	165-1	14639386	14744232	12798686	14060768	7.78	cps
Holmium	165-2	6266675	6238541	6253856	6253024	0.23	cps
Indium	115-1	10432889	10519874	9119551	10024105	7.83	cps
Indium	115-2	1539394	1566861	1561467	1555908	0.94	cps
Iron	56-2	4490	4634	4490	4538	1.84	cps
Iron	57-2	111	200	133	148	31.23	cps
Krypton	83-1	2180	2180	2144	2168	0.98	cps
Lead	206-1	1595	1556	1678	1609	3.88	cps
Lead	207-1	1656	1606	1311	1524	12.21	cps
Lead	208-1	6106	5701	5706	5838	3.98	cps
Lithium	6-1	3213505	3217683	2907928	3113039	5.71	cps
Magnesium	24-2	808	667	850	775	12.40	cps

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : CCB87 Instrumnet Name : P7
 Client Sample ID : CCB87 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 17:15:35 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	63	40	51	22.90	cps
Molybdenum	94-1	733	658	633	675	7.71	cps
Molybdenum	95-1	458	433	417	436	4.81	cps
Molybdenum	96-1	567	567	558	564	0.85	cps
Molybdenum	97-1	258	267	258	261	1.84	cps
Molybdenum	98-1	517	533	642	564	12.04	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	17	7	3	9	78.08	cps
Nickel	60-2	100	127	87	104	19.50	cps
Phosphorus	31-2	67	83	42	64	32.83	cps
Potassium	39-2	12864	12648	12856	12789	0.96	cps
Rhodium	103-1	9183348	9232053	8182851	8866084	6.68	cps
Rhodium	103-2	4092056	4146306	4132105	4123489	0.68	cps
Scandium	45-1	5813580	5836769	5176702	5609017	6.68	cps
Scandium	45-2	217157	217826	216805	217263	0.24	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	15	15	19	16	13.35	cps
Selenium	82-1	-75	-84	-130	-96	-30.56	cps
Silicon	28-1	86249	85410	86030	85896	0.51	cps
Silver	109-1	208	217	225	217	3.84	cps
Silver	107-1	400	392	408	400	2.08	cps
Sodium	23-2	23394	22609	22209	22737	2.65	cps
Strontium	86-1	3517	3667	3609	3598	2.10	cps
Strontium	88-1	1225	1258	1075	1186	8.23	cps
Sulfur	34-1	488369	489351	487565	488428	0.18	cps
Terbium	159-1	15076271	15142904	13339441	14519538	7.04	cps
Terbium	159-2	6229393	6294704	6271240	6265112	0.53	cps
Thallium	203-1	1483	1433	1392	1436	3.20	cps
Thallium	205-1	2684	2759	2800	2748	2.15	cps
Thorium	232-1	4056	4262	4106	4142	2.59	cps
Tin	118-1	1275	1592	1517	1461	11.33	cps
Titanium	47-1	117	100	92	103	12.39	cps
Uranium	238-1	3534	3542	3409	3495	2.14	cps
Vanadium	51-2	17	10	13	13	25.01	cps
Yttrium	89-1	10059588	10055740	8896720	9670683	6.93	cps
Yttrium	89-2	1106225	1122312	1123038	1117192	0.85	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCB87	Instrumnet Name :	P7
Client Sample ID :	CCB87	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:15:35	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	243	273	260	259	5.81	cps
Zirconium	90-1	1092	992	1108	1064	5.93	cps
Zirconium	91-1	225	233	308	256	17.96	cps

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : PB123355BL Instrumnet Name : P7
 Client Sample ID : PB123355BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 17:19:11 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	175	225	225	22.22	cps
Antimony	121-1	492	583	650	575	13.83	cps
Arsenic	75-2	7	9	0	6	88.19	cps
Barium	135-1	92	42	50	61	43.83	cps
Barium	137-1	92	133	100	108	20.35	cps
Beryllium	9-1	113	103	117	111	6.24	cps
Bismuth	209-1	10756566	10578872	10552723	10629387	1.04	cps
Bismuth	209-2	4951525	5004674	5047635	5001278	0.96	cps
Boron	10-1	3167	3251	3059	3159	3.04	cps
Boron	11-1	15642	15492	15433	15522	0.69	cps
Cadmium	111-1	3535	3399	3435	3456	2.03	cps
Cadmium	106-1	5001	4784	4843	4876	2.30	cps
Cadmium	108-1	29	13	13	18	53.30	cps
Calcium	43-1	292	300	308	300	2.78	cps
Calcium	44-1	8169	8811	8386	8456	3.86	cps
Chromium	52-2	453	517	460	477	7.30	cps
Cobalt	59-2	43	83	40	56	43.40	cps
Copper	63-2	760	670	700	710	6.45	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	20	33	30	28	24.98	cps
Erbium	164-1	83	75	100	86	14.79	cps
Erbium	164-2	53	77	60	63	18.98	cps
Gadolinium	160-1	50	25	75	50	50.00	cps
Gadolinium	160-2	173	177	173	174	1.10	cps
Holmium	165-1	15000993	14703662	14691213	14798623	1.19	cps
Holmium	165-2	6239153	6236519	6303361	6259678	0.60	cps
Indium	115-1	10734422	10583182	10548883	10622162	0.93	cps
Indium	115-2	1536893	1549580	1539544	1542006	0.43	cps
Iron	56-2	2000	2028	2106	2045	2.68	cps
Iron	57-2	78	44	78	67	28.86	cps
Krypton	83-1	2107	2134	2114	2118	0.66	cps
Lead	206-1	1495	1372	1445	1437	4.28	cps
Lead	207-1	1461	1533	1439	1478	3.34	cps
Lead	208-1	5428	5384	5384	5399	0.48	cps
Lithium	6-1	3318212	3271366	3253267	3280949	1.02	cps
Magnesium	24-2	308	325	333	322	3.95	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123355BL	Instrumnet Name :	P7
Client Sample ID :	PB123355BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:19:11	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	27	43	34	24.35	cps
Molybdenum	94-1	458	375	425	419	10.00	cps
Molybdenum	95-1	242	183	150	192	24.21	cps
Molybdenum	96-1	292	317	283	297	5.84	cps
Molybdenum	97-1	158	142	133	144	8.81	cps
Molybdenum	98-1	317	475	258	350	32.03	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	20	17	13	17	20.01	cps
Nickel	60-2	93	100	97	97	3.44	cps
Phosphorus	31-2	58	42	33	44	28.65	cps
Potassium	39-2	13081	12848	12514	12814	2.22	cps
Rhodium	103-1	9587658	9404525	9349097	9447093	1.32	cps
Rhodium	103-2	4091126	4124206	4119310	4111547	0.43	cps
Scandium	45-1	6001803	5959380	5904202	5955128	0.82	cps
Scandium	45-2	216204	216578	215156	215979	0.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	22	17	17	33.33	cps
Selenium	82-1	25	-85	-66	-42	-140.67	cps
Silicon	28-1	86265	85587	84975	85609	0.75	cps
Silver	109-1	133	167	150	150	11.11	cps
Silver	107-1	267	142	267	225	32.08	cps
Sodium	23-2	20081	19722	19422	19741	1.67	cps
Strontium	86-1	3225	3676	3626	3509	7.03	cps
Strontium	88-1	1092	1033	983	1036	5.23	cps
Sulfur	34-1	495890	488185	490484	491520	0.80	cps
Terbium	159-1	15422469	15423556	15261589	15369205	0.61	cps
Terbium	159-2	6234652	6220760	6283767	6246393	0.53	cps
Thallium	203-1	1258	1175	1167	1200	4.22	cps
Thallium	205-1	2442	2417	2209	2356	5.44	cps
Thorium	232-1	3073	3523	3228	3275	6.98	cps
Tin	118-1	1300	1217	1508	1342	11.20	cps
Titanium	47-1	108	125	133	122	10.41	cps
Uranium	238-1	3201	3376	3351	3309	2.86	cps
Vanadium	51-2	0	3	0	1	173.21	cps
Yttrium	89-1	10423625	10142952	10205660	10257412	1.44	cps
Yttrium	89-2	1104851	1108982	1103031	1105621	0.28	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123355BL	Instrumnet Name :	P7
Client Sample ID :	PB123355BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:19:11	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	273	183	197	218	22.30	cps
Zirconium	90-1	975	1042	1025	1014	3.42	cps
Zirconium	91-1	217	133	192	181	23.68	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123360BL	Instrumnet Name :	P7
Client Sample ID :	PB123360BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:22:47	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	258	283	269	4.72	cps
Antimony	121-1	292	433	433	386	21.18	cps
Arsenic	75-2	4	9	6	6	45.85	cps
Barium	135-1	67	75	100	81	21.54	cps
Barium	137-1	108	50	83	81	36.33	cps
Beryllium	9-1	103	140	97	113	20.59	cps
Bismuth	209-1	10571320	10610837	10479556	10553904	0.64	cps
Bismuth	209-2	4994853	5014229	4957461	4988847	0.58	cps
Boron	10-1	2625	2584	2725	2645	2.75	cps
Boron	11-1	12314	12414	12122	12283	1.21	cps
Cadmium	111-1	3478	3558	3686	3574	2.93	cps
Cadmium	106-1	4909	5035	5176	5040	2.65	cps
Cadmium	108-1	0	17	0	6	173.21	cps
Calcium	43-1	283	292	242	272	9.84	cps
Calcium	44-1	8228	8853	8286	8456	4.09	cps
Chromium	52-2	447	487	520	484	7.58	cps
Cobalt	59-2	50	100	87	79	32.82	cps
Copper	63-2	660	670	693	674	2.54	cps
Dysprosium	156-1	67	17	25	36	74.18	cps
Dysprosium	156-2	27	20	20	22	17.33	cps
Erbium	164-1	58	100	100	86	27.93	cps
Erbium	164-2	90	57	67	71	24.05	cps
Gadolinium	160-1	92	58	133	94	39.79	cps
Gadolinium	160-2	183	180	190	184	2.76	cps
Holmium	165-1	14827873	14791011	14725468	14781451	0.35	cps
Holmium	165-2	6302466	6265670	6172944	6247027	1.07	cps
Indium	115-1	10671724	10584072	10606066	10620621	0.43	cps
Indium	115-2	1563407	1556478	1530347	1550077	1.12	cps
Iron	56-2	1706	1934	1950	1863	7.33	cps
Iron	57-2	56	67	72	65	13.09	cps
Krypton	83-1	2054	2040	1917	2004	3.76	cps
Lead	206-1	1506	1406	1567	1493	5.45	cps
Lead	207-1	1539	1278	1228	1348	12.39	cps
Lead	208-1	5312	5034	4989	5112	3.42	cps
Lithium	6-1	3275498	3299486	3276151	3283712	0.42	cps
Magnesium	24-2	325	350	442	372	16.50	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123360BL	Instrumnet Name :	P7
Client Sample ID :	PB123360BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:22:47	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	40	63	47	31.13	cps
Molybdenum	94-1	358	383	425	389	8.66	cps
Molybdenum	95-1	142	192	158	164	15.54	cps
Molybdenum	96-1	200	317	292	269	22.80	cps
Molybdenum	97-1	92	158	125	125	26.67	cps
Molybdenum	98-1	292	283	142	239	35.29	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	10	3	17	10	66.70	cps
Nickel	60-2	77	83	93	84	9.94	cps
Phosphorus	31-2	67	67	125	86	39.11	cps
Potassium	39-2	12589	12122	11688	12133	3.71	cps
Rhodium	103-1	9528280	9434379	9454158	9472272	0.52	cps
Rhodium	103-2	4131955	4150291	4068603	4116950	1.04	cps
Scandium	45-1	5946453	5924868	5972907	5948076	0.40	cps
Scandium	45-2	217868	218037	215990	217298	0.52	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	17	7	16	52.01	cps
Selenium	82-1	-77	43	264	76	225.81	cps
Silicon	28-1	85871	85032	84053	84985	1.07	cps
Silver	109-1	108	100	167	125	29.06	cps
Silver	107-1	250	233	183	222	15.61	cps
Sodium	23-2	17753	17928	17911	17864	0.54	cps
Strontium	86-1	3476	3426	3417	3439	0.92	cps
Strontium	88-1	1117	1092	1133	1114	1.88	cps
Sulfur	34-1	494902	497716	497858	496826	0.34	cps
Terbium	159-1	15266934	15395134	15324746	15328938	0.42	cps
Terbium	159-2	6317711	6256958	6187647	6254105	1.04	cps
Thallium	203-1	1175	1200	1092	1156	4.91	cps
Thallium	205-1	2159	2067	2109	2111	2.17	cps
Thorium	232-1	3228	3017	3239	3162	3.96	cps
Tin	118-1	1450	1467	1267	1395	7.96	cps
Titanium	47-1	83	142	58	94	45.27	cps
Uranium	238-1	3284	3292	3317	3298	0.53	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	10245640	10316437	10212019	10258032	0.52	cps
Yttrium	89-2	1119387	1118874	1094728	1110996	1.27	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123360BL	Instrumnet Name :	P7
Client Sample ID :	PB123360BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:22:47	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	233	227	210	223	5.38	cps
Zirconium	90-1	958	767	925	883	11.59	cps
Zirconium	91-1	233	175	192	200	15.02	cps

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : PB123355BS Instrumnet Name : P7
 Client Sample ID : PB123355BS Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 17:26:24 DataFile Name : 032DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	772188	769037	764974	768733	0.47	cps
Antimony	121-1	4946846	4984011	4961398	4964085	0.38	cps
Arsenic	75-2	113416	113048	111146	112537	1.08	cps
Barium	135-1	5861915	5852176	5894840	5869644	0.38	cps
Barium	137-1	10302966	10309565	10305641	10306057	0.03	cps
Beryllium	9-1	966932	957158	961204	961765	0.51	cps
Bismuth	209-1	10031672	9805197	9871214	9902694	1.18	cps
Bismuth	209-2	4554008	4573888	4538894	4555597	0.39	cps
Boron	10-1	165743	166828	167299	166623	0.48	cps
Boron	11-1	780841	781577	802425	788281	1.55	cps
Cadmium	111-1	1443154	1444844	1435352	1441117	0.35	cps
Cadmium	106-1	173827	173491	172936	173418	0.26	cps
Cadmium	108-1	117381	114618	116024	116007	1.19	cps
Calcium	43-1	1330785	1327404	1316712	1324967	0.55	cps
Calcium	44-1	21865341	21928750	21754977	21849689	0.40	cps
Chromium	52-2	1170471	1172485	1157013	1166656	0.72	cps
Cobalt	59-2	1953066	1976117	1963402	1964195	0.59	cps
Copper	63-2	2783058	2787256	2774289	2781534	0.24	cps
Dysprosium	156-1	133	142	125	133	6.25	cps
Dysprosium	156-2	107	153	87	116	29.61	cps
Erbium	164-1	42	92	67	67	37.50	cps
Erbium	164-2	80	67	67	71	10.82	cps
Gadolinium	160-1	158	108	92	119	29.05	cps
Gadolinium	160-2	193	213	157	188	15.31	cps
Holmium	165-1	14754734	14207072	14178999	14380268	2.26	cps
Holmium	165-2	5876785	5896247	5866135	5879722	0.26	cps
Indium	115-1	9818622	9564807	9580489	9654639	1.47	cps
Indium	115-2	1359396	1362118	1363387	1361634	0.15	cps
Iron	56-2	51833161	51309287	51066411	51402953	0.76	cps
Iron	57-2	1283270	1282757	1263984	1276670	0.86	cps
Krypton	83-1	1950	1780	1770	1833	5.52	cps
Lead	206-1	4874628	4892851	4882384	4883288	0.19	cps
Lead	207-1	4399116	4413005	4409325	4407148	0.16	cps
Lead	208-1	20217672	20330524	20315857	20288018	0.30	cps
Lithium	6-1	2991672	2924052	2883519	2933081	1.86	cps
Magnesium	24-2	10139292	10062704	9941418	10047805	0.99	cps

LB Number : LB105374 Operator : Jaswal
 Lab Sample ID : PB123355BS Instrumnet Name : P7
 Client Sample ID : PB123355BS Dilution Factor : 1
 Date & Time Acquired :: 2019-09-29 17:26:24 DataFile Name : 032DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1363172	1352195	1342520	1352629	0.76	cps
Molybdenum	94-1	9744491	9733044	9683812	9720449	0.33	cps
Molybdenum	95-1	12258096	12220021	12160055	12212724	0.40	cps
Molybdenum	96-1	13458796	13451815	13422562	13444391	0.14	cps
Molybdenum	97-1	7651918	7641194	7612170	7635094	0.27	cps
Molybdenum	98-1	20033805	20050877	20105131	20063271	0.19	cps
Neodymium	150-1	580	513	493	529	8.58	cps
Neodymium	150-2	53	43	63	53	18.75	cps
Nickel	60-2	509873	518673	512035	513527	0.89	cps
Phosphorus	31-2	36688	35218	35468	35791	2.20	cps
Potassium	39-2	3497613	3467683	3463637	3476311	0.53	cps
Rhodium	103-1	8520797	8266695	8277469	8354987	1.72	cps
Rhodium	103-2	3568124	3598991	3599608	3588908	0.50	cps
Scandium	45-1	5500038	5343793	5292206	5378679	2.01	cps
Scandium	45-2	195283	194178	191962	193808	0.87	cps
Selenium	77-2	3200	3330	3234	3255	2.08	cps
Selenium	78-2	10749	10680	10498	10642	1.21	cps
Selenium	82-1	98968	99416	98753	99046	0.34	cps
Silicon	28-1	3410309	3432209	3470868	3437796	0.89	cps
Silver	109-1	6074327	6051949	6056497	6060924	0.20	cps
Silver	107-1	6286159	6305917	6298241	6296772	0.16	cps
Sodium	23-2	19437624	19321109	19223909	19327547	0.55	cps
Strontium	86-1	1450639	1438767	1436137	1441847	0.54	cps
Strontium	88-1	12719821	12776305	12702270	12732799	0.30	cps
Sulfur	34-1	929995	920560	923377	924644	0.52	cps
Terbium	159-1	15174928	14612886	14625711	14804508	2.17	cps
Terbium	159-2	5893501	5862312	5846056	5867290	0.41	cps
Thallium	203-1	6225752	6192730	6233205	6217229	0.35	cps
Thallium	205-1	14720747	14851384	14943366	14838499	0.75	cps
Thorium	232-1	23397721	23308864	23469169	23391918	0.34	cps
Tin	118-1	4219169	4257369	4251984	4242841	0.49	cps
Titanium	47-1	2949729	2934669	2896751	2927050	0.93	cps
Uranium	238-1	23898065	23783118	23678181	23786455	0.46	cps
Vanadium	51-2	893708	897563	890040	893770	0.42	cps
Yttrium	89-1	9705140	9354748	9310335	9456741	2.29	cps
Yttrium	89-2	1000207	996861	992555	996541	0.38	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123355BS	Instrumnet Name :	P7
Client Sample ID :	PB123355BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:26:24	DataFile Name :	032DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	446854	446538	445645	446346	0.14	cps
Zirconium	90-1	7618900	7619264	7572187	7603450	0.36	cps
Zirconium	91-1	1665064	1668606	1659449	1664373	0.28	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123360BS	Instrumnet Name :	P7
Client Sample ID :	PB123360BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:30:00	DataFile Name :	033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	757910	782372	754982	765088	1.97	cps
Antimony	121-1	4955744	4949016	4973119	4959293	0.25	cps
Arsenic	75-2	113059	113037	113304	113133	0.13	cps
Barium	135-1	5876247	5871990	5874300	5874179	0.04	cps
Barium	137-1	10267521	10289607	10349875	10302334	0.41	cps
Beryllium	9-1	952416	944792	950438	949215	0.42	cps
Bismuth	209-1	9781299	9947434	9983466	9904066	1.09	cps
Bismuth	209-2	4598181	4604650	4597774	4600202	0.08	cps
Boron	10-1	166862	171023	174963	170949	2.37	cps
Boron	11-1	794631	808684	824676	809330	1.86	cps
Cadmium	111-1	1455369	1442723	1440087	1446059	0.56	cps
Cadmium	106-1	172631	173508	171307	172482	0.64	cps
Cadmium	108-1	114832	114541	116528	115301	0.93	cps
Calcium	43-1	1315603	1321033	1313709	1316781	0.29	cps
Calcium	44-1	21478769	21925297	21678160	21694075	1.03	cps
Chromium	52-2	1159507	1171692	1166913	1166037	0.53	cps
Cobalt	59-2	1933502	1971798	1948789	1951363	0.99	cps
Copper	63-2	2768427	2791624	2783148	2781066	0.42	cps
Dysprosium	156-1	100	142	133	125	17.64	cps
Dysprosium	156-2	107	93	130	110	16.87	cps
Erbium	164-1	75	125	117	106	25.38	cps
Erbium	164-2	70	73	47	63	22.94	cps
Gadolinium	160-1	75	167	100	114	41.61	cps
Gadolinium	160-2	123	150	157	143	12.30	cps
Holmium	165-1	14355406	14426194	14499068	14426889	0.50	cps
Holmium	165-2	5990123	5982746	5965575	5979481	0.21	cps
Indium	115-1	9567070	9610219	9645486	9607592	0.41	cps
Indium	115-2	1357316	1377688	1372792	1369266	0.78	cps
Iron	56-2	51382529	51885091	51208197	51491939	0.68	cps
Iron	57-2	1254583	1284277	1270737	1269866	1.17	cps
Krypton	83-1	1730	1760	1787	1759	1.61	cps
Lead	206-1	4956615	4930743	4954631	4947330	0.29	cps
Lead	207-1	4463005	4425457	4422799	4437087	0.51	cps
Lead	208-1	20360007	20525285	20515271	20466854	0.45	cps
Lithium	6-1	2885384	2878614	2865164	2876387	0.36	cps
Magnesium	24-2	9956953	10052136	10055509	10021533	0.56	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123360BS	Instrumnet Name :	P7
Client Sample ID :	PB123360BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:30:00	DataFile Name :	033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1345609	1371376	1354896	1357294	0.96	cps
Molybdenum	94-1	9630233	9677891	9673489	9660537	0.27	cps
Molybdenum	95-1	12134358	12191706	12201844	12175969	0.30	cps
Molybdenum	96-1	13406397	13389475	13419565	13405146	0.11	cps
Molybdenum	97-1	7616174	7580227	7637954	7611452	0.38	cps
Molybdenum	98-1	19831513	19823514	20005947	19886991	0.52	cps
Neodymium	150-1	420	573	613	536	19.06	cps
Neodymium	150-2	50	27	37	38	30.98	cps
Nickel	60-2	508501	514173	511701	511458	0.56	cps
Phosphorus	31-2	36220	36387	34349	35652	3.17	cps
Potassium	39-2	3423636	3470570	3477489	3457232	0.85	cps
Rhodium	103-1	8230916	8279504	8305249	8271890	0.46	cps
Rhodium	103-2	3575306	3613539	3595163	3594669	0.53	cps
Scandium	45-1	5273134	5301793	5303071	5292666	0.32	cps
Scandium	45-2	192874	197537	193169	194527	1.34	cps
Selenium	77-2	3107	3114	3210	3144	1.84	cps
Selenium	78-2	10837	10678	10939	10818	1.22	cps
Selenium	82-1	98966	99160	99103	99076	0.10	cps
Silicon	28-1	3347657	3415935	3436500	3400031	1.37	cps
Silver	109-1	6033952	6078797	5983112	6031954	0.79	cps
Silver	107-1	6268945	6258139	6295931	6274338	0.31	cps
Sodium	23-2	19230372	19419661	19174025	19274686	0.67	cps
Strontium	86-1	1428391	1432546	1431128	1430688	0.15	cps
Strontium	88-1	12696632	12843200	12769455	12769763	0.57	cps
Sulfur	34-1	905739	913476	913699	910971	0.50	cps
Terbium	159-1	14723931	14815390	14869958	14803093	0.50	cps
Terbium	159-2	5911291	5935307	5920719	5922439	0.20	cps
Thallium	203-1	6235191	6336667	6320492	6297450	0.87	cps
Thallium	205-1	14824794	14982266	14986374	14931145	0.62	cps
Thorium	232-1	23285426	23364947	23526177	23392183	0.52	cps
Tin	118-1	4237196	4250302	4243674	4243724	0.15	cps
Titanium	47-1	2869677	2887934	2903574	2887062	0.59	cps
Uranium	238-1	23758916	24098100	24024814	23960610	0.74	cps
Vanadium	51-2	887053	900044	894458	893852	0.73	cps
Yttrium	89-1	9381787	9386757	9467529	9412024	0.51	cps
Yttrium	89-2	985879	1002642	997871	995464	0.87	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	PB123360BS	Instrumnet Name :	P7
Client Sample ID :	PB123360BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:30:00	DataFile Name :	033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	446418	446170	444292	445627	0.26	cps
Zirconium	90-1	7564228	7542858	7540206	7549097	0.17	cps
Zirconium	91-1	1655678	1657722	1636484	1649961	0.71	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:33:37	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3757525	3715889	3751622	3741679	0.60	cps
Antimony	121-1	4840086	4888372	4792179	4840212	0.99	cps
Arsenic	75-2	108267	109059	108839	108722	0.38	cps
Barium	135-1	5572232	5622373	5517428	5570678	0.94	cps
Barium	137-1	9710309	9806803	9677086	9731399	0.69	cps
Beryllium	9-1	875523	871962	864061	870516	0.67	cps
Bismuth	209-1	8969185	8918383	8918580	8935383	0.33	cps
Bismuth	209-2	4073523	4139273	4155617	4122804	1.05	cps
Boron	10-1	162598	163298	167014	164303	1.44	cps
Boron	11-1	774878	776122	793407	781469	1.33	cps
Cadmium	111-1	1469114	1472124	1455483	1465574	0.61	cps
Cadmium	106-1	173262	174697	168719	172226	1.81	cps
Cadmium	108-1	118662	118213	117167	118014	0.65	cps
Calcium	43-1	6114560	6087680	6024128	6075456	0.76	cps
Calcium	44-1	98731163	97815811	98449240	98332071	0.48	cps
Chromium	52-2	1118877	1124466	1118530	1120624	0.30	cps
Cobalt	59-2	1913706	1909084	1894646	1905812	0.52	cps
Copper	63-2	2713711	2686399	2676542	2692217	0.72	cps
Dysprosium	156-1	158	142	208	169	20.48	cps
Dysprosium	156-2	120	110	97	109	10.75	cps
Erbium	164-1	125	92	100	106	16.44	cps
Erbium	164-2	87	57	43	62	35.67	cps
Gadolinium	160-1	150	158	258	189	31.92	cps
Gadolinium	160-2	193	163	157	171	11.41	cps
Holmium	165-1	13794880	13911352	13694007	13800080	0.79	cps
Holmium	165-2	5691296	5726373	5736792	5718154	0.42	cps
Indium	115-1	8874799	8998119	8791159	8888025	1.17	cps
Indium	115-2	1268765	1276201	1278986	1274650	0.41	cps
Iron	56-2	234504889	235819189	232310033	234211370	0.76	cps
Iron	57-2	5839609	5866695	5808008	5838104	0.50	cps
Krypton	83-1	1857	1667	1667	1730	6.34	cps
Lead	206-1	4556600	4565562	4521684	4547949	0.51	cps
Lead	207-1	4101085	4119856	4071499	4097480	0.59	cps
Lead	208-1	18870227	19024416	18772983	18889208	0.67	cps
Lithium	6-1	2703441	2682208	2666331	2683993	0.69	cps
Magnesium	24-2	45573008	45785120	45272877	45543668	0.57	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:33:37	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1257446	1273149	1252597	1261064	0.85	cps
Molybdenum	94-1	9250125	9218084	9144738	9204315	0.59	cps
Molybdenum	95-1	11639556	11555094	11528615	11574422	0.50	cps
Molybdenum	96-1	12834552	12872402	12679068	12795340	0.80	cps
Molybdenum	97-1	7335436	7337554	7254857	7309282	0.65	cps
Molybdenum	98-1	19136213	19032204	18937836	19035418	0.52	cps
Neodymium	150-1	487	607	600	564	11.95	cps
Neodymium	150-2	67	77	47	63	24.12	cps
Nickel	60-2	498254	500308	497420	498661	0.30	cps
Phosphorus	31-2	33388	31668	34257	33104	3.98	cps
Potassium	39-2	16499457	16466833	16386787	16451026	0.35	cps
Rhodium	103-1	7481252	7495579	7398489	7458440	0.70	cps
Rhodium	103-2	3260226	3247330	3245144	3250900	0.25	cps
Scandium	45-1	5073729	5024399	5036911	5045013	0.51	cps
Scandium	45-2	186495	185650	181929	184691	1.32	cps
Selenium	77-2	2904	2974	3054	2977	2.52	cps
Selenium	78-2	10113	10278	9852	10081	2.13	cps
Selenium	82-1	92982	94061	93132	93392	0.63	cps
Silicon	28-1	2985829	3007575	2990467	2994624	0.38	cps
Silver	109-1	5956036	5942583	5876720	5925113	0.72	cps
Silver	107-1	6166207	6216996	6139676	6174293	0.64	cps
Sodium	23-2	88991364	89170958	88328956	88830426	0.50	cps
Strontium	86-1	1374495	1370002	1342123	1362207	1.29	cps
Strontium	88-1	12040637	12123759	11918006	12027467	0.86	cps
Sulfur	34-1	873346	875101	869090	872512	0.35	cps
Terbium	159-1	14243688	14258635	13996879	14166400	1.04	cps
Terbium	159-2	5617395	5641184	5624350	5627643	0.22	cps
Thallium	203-1	5565640	5879066	5549427	5664711	3.28	cps
Thallium	205-1	13827532	13947858	13724009	13833133	0.81	cps
Thorium	232-1	22735314	22707166	22425728	22622736	0.76	cps
Tin	118-1	4368593	4338259	4309852	4338901	0.68	cps
Titanium	47-1	2757684	2727475	2720894	2735351	0.72	cps
Uranium	238-1	23033722	23155126	22795720	22994856	0.80	cps
Vanadium	51-2	849231	850962	848321	849505	0.16	cps
Yttrium	89-1	8887619	8955528	8859441	8900863	0.55	cps
Yttrium	89-2	948117	959622	954891	954210	0.61	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P7
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:33:37	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	445710	440954	442673	443112	0.54	cps
Zirconium	90-1	7288337	7254527	7147055	7229973	1.02	cps
Zirconium	91-1	1589219	1590107	1562848	1580724	0.98	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P7
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:47:07	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	333	225	247	31.32	cps
Antimony	121-1	1375	1483	1642	1500	8.94	cps
Arsenic	75-2	7	7	7	7	0.00	cps
Barium	135-1	142	158	92	131	26.57	cps
Barium	137-1	167	267	150	194	32.45	cps
Beryllium	9-1	153	153	157	154	1.24	cps
Bismuth	209-1	10257069	10495997	10608080	10453716	1.72	cps
Bismuth	209-2	4922350	5014334	5042749	4993144	1.26	cps
Boron	10-1	4601	4467	4042	4370	6.67	cps
Boron	11-1	20373	19956	18862	19730	3.95	cps
Cadmium	111-1	3381	3497	3555	3478	2.54	cps
Cadmium	106-1	4759	4934	4976	4890	2.35	cps
Cadmium	108-1	13	17	17	15	15.76	cps
Calcium	43-1	258	225	283	256	11.45	cps
Calcium	44-1	9111	9295	9220	9209	1.00	cps
Chromium	52-2	450	500	467	472	5.39	cps
Cobalt	59-2	60	107	53	73	39.63	cps
Copper	63-2	677	637	733	682	7.12	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	23	7	30	20	60.08	cps
Erbium	164-1	42	50	92	61	43.83	cps
Erbium	164-2	47	63	50	53	16.53	cps
Gadolinium	160-1	67	75	108	83	26.46	cps
Gadolinium	160-2	160	157	170	162	4.28	cps
Holmium	165-1	14384496	14635891	14867680	14629356	1.65	cps
Holmium	165-2	6389523	6297733	6321418	6336225	0.75	cps
Indium	115-1	10199185	10345832	10621394	10388804	2.06	cps
Indium	115-2	1542173	1547561	1547622	1545785	0.20	cps
Iron	56-2	3539	3517	3795	3617	4.27	cps
Iron	57-2	106	44	128	93	46.60	cps
Krypton	83-1	2127	2067	2104	2099	1.44	cps
Lead	206-1	1450	1356	1617	1474	8.97	cps
Lead	207-1	1245	1206	1500	1317	12.15	cps
Lead	208-1	5262	5056	5751	5356	6.66	cps
Lithium	6-1	3115452	3155893	3192218	3154521	1.22	cps
Magnesium	24-2	700	675	658	678	3.09	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P7
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:47:07	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	57	63	51	30.82	cps
Molybdenum	94-1	650	717	617	661	7.70	cps
Molybdenum	95-1	633	467	408	503	23.23	cps
Molybdenum	96-1	575	533	683	597	12.97	cps
Molybdenum	97-1	275	325	292	297	8.57	cps
Molybdenum	98-1	867	767	700	778	10.79	cps
Neodymium	150-1	33	20	20	24	31.49	cps
Neodymium	150-2	17	17	10	14	26.66	cps
Nickel	60-2	103	93	80	92	12.70	cps
Phosphorus	31-2	50	83	50	61	31.50	cps
Potassium	39-2	13448	13890	13498	13612	1.78	cps
Rhodium	103-1	9028459	9202685	9339766	9190303	1.70	cps
Rhodium	103-2	4100412	4080021	4101822	4094085	0.30	cps
Scandium	45-1	5644815	5761199	5846567	5750860	1.76	cps
Scandium	45-2	214573	211650	216731	214318	1.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	19	19	17	12.39	cps
Selenium	82-1	-86	-17	-61	-55	-63.37	cps
Silicon	28-1	86458	84924	86055	85812	0.93	cps
Silver	109-1	142	167	142	150	9.62	cps
Silver	107-1	375	217	317	303	26.45	cps
Sodium	23-2	23494	23202	23820	23505	1.31	cps
Strontium	86-1	3534	3109	3634	3426	8.14	cps
Strontium	88-1	1300	1075	1208	1195	9.47	cps
Sulfur	34-1	483266	482977	481005	482416	0.26	cps
Terbium	159-1	15002112	15250045	15399492	15217216	1.32	cps
Terbium	159-2	6326604	6254550	6308266	6296473	0.59	cps
Thallium	203-1	1267	1167	1400	1278	9.16	cps
Thallium	205-1	2567	2375	2400	2448	4.26	cps
Thorium	232-1	4195	4340	4795	4443	7.05	cps
Tin	118-1	1550	1542	1467	1520	3.02	cps
Titanium	47-1	150	75	83	103	40.00	cps
Uranium	238-1	3359	3334	3409	3367	1.13	cps
Vanadium	51-2	10	7	13	10	33.30	cps
Yttrium	89-1	9875270	10031810	10152477	10019853	1.39	cps
Yttrium	89-2	1096018	1102550	1102337	1100302	0.34	cps

LB Number :	LB105374	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P7
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2019-09-29 17:47:07	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	217	200	187	201	7.47	cps
Zirconium	90-1	1083	1117	1158	1120	3.36	cps
Zirconium	91-1	125	283	283	231	39.65	cps