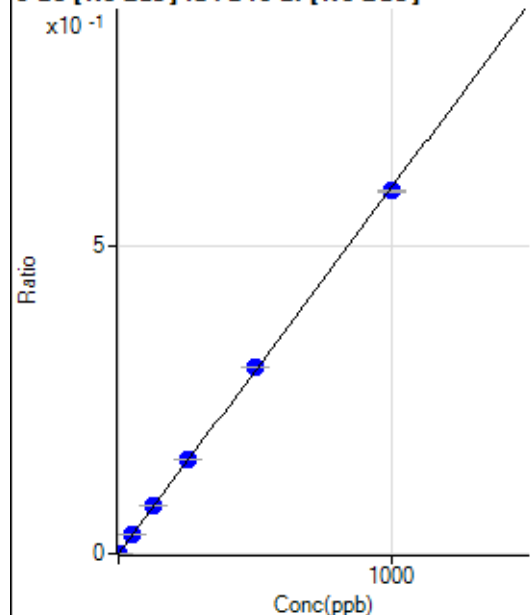


Batch Folder: D:\ICP-MS Data\P7121819MS3.b\
Analysis File: P7121819MS3.batch.bin
DA Date-Time: 2019-12-18 17:20:43
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-12-18 14:44:37
2	004CAL.S.d	S02	2019-12-18 14:48:14
3	005CAL.S.d	S03	2019-12-18 14:53:07
4	006CAL.S.d	S04	2019-12-18 14:57:17
5	007CAL.S.d	S05	2019-12-18 15:01:08
6	008CAL.S.d	S06	2019-12-18 15:04:57
7	009CAL.S.d	S07	2019-12-18 15:08:45
8	010CAL.S.d	S08	2019-12-18 15:12:33

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118.52	0.0000	P	16.6
2	☐	1.000	1.050	2629.93	0.0007	P	1.0
3	☐	50.000	52.145	124648.00	0.0310	P	0.7
4	☐	125.000	131.921	310690.04	0.0785	P	0.9
5	☐	250.000	258.959	581963.28	0.1541	P	0.8
6	☐	500.000	511.123	1108894.00	0.3040	P	0.3
7	☐	1000.000	991.226	2115692.75	0.5896	P	0.5
8	☐			2633.64	0.0007	P	6.1

$$y = 5.9478\text{E-}004 * x + 2.9689\text{E-}005$$

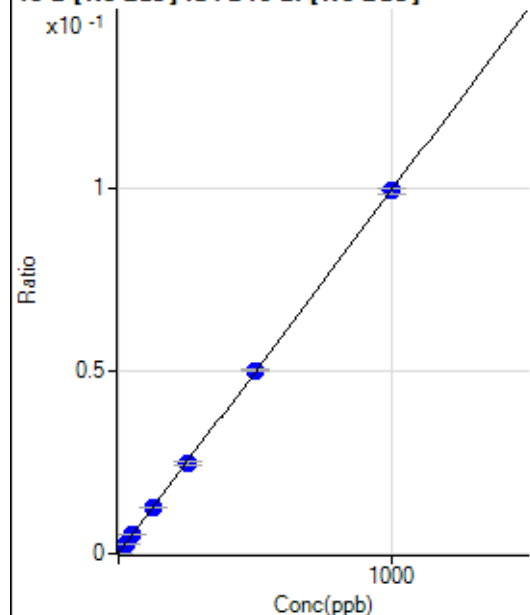
$$R = 0.9999$$

$$DL = 0.02481$$

$$BEC = 0.04992$$

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	377.80	0.0001	P	7.2
2	☐	25.000	24.800	10301.18	0.0026	P	0.8
3	☐	50.000	51.859	21098.71	0.0053	P	0.1
4	☐	125.000	126.418	50162.08	0.0127	P	1.9
5	☐	250.000	250.267	94421.79	0.0250	P	4.1
6	☐	500.000	502.968	182867.79	0.0501	P	1.2
7	☐	1000.000	998.184	356721.70	0.0994	P	1.8
8	☐			9372.74	0.0026	P	11.5

$$y = 9.9501\text{E-}005 * x + 9.4626\text{E-}005$$

$$R = 1.0000$$

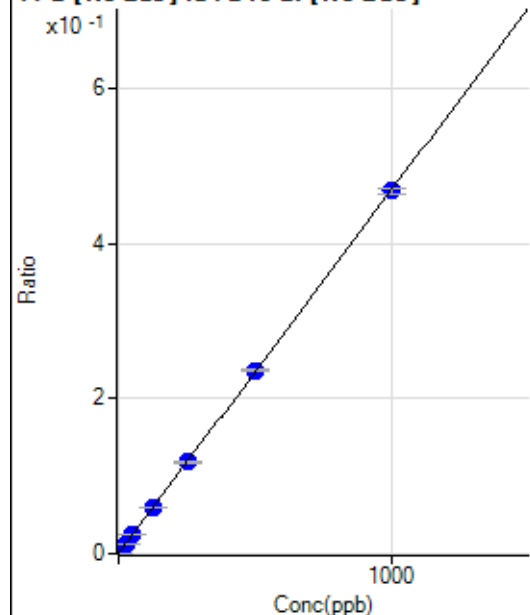
$$DL = 0.204$$

$$BEC = 0.951$$

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	1658.50	0.0004	P	5.9
2	☐	25.000	24.701	48188.86	0.0120	P	1.1
3	☐	50.000	50.642	96930.11	0.0241	P	2.8
4	☐	125.000	125.019	233432.34	0.0590	P	1.9
5	☐	250.000	251.669	446907.96	0.1183	P	2.2
6	☐	500.000	504.252	863005.79	0.2366	P	1.3
7	☐	1000.000	997.430	1678136.96	0.4676	P	1.3
8	☐			44806.65	0.0126	P	9.0

$$y = 4.6844\text{E-}004 * x + 4.1535\text{E-}004$$

$$R = 1.0000$$

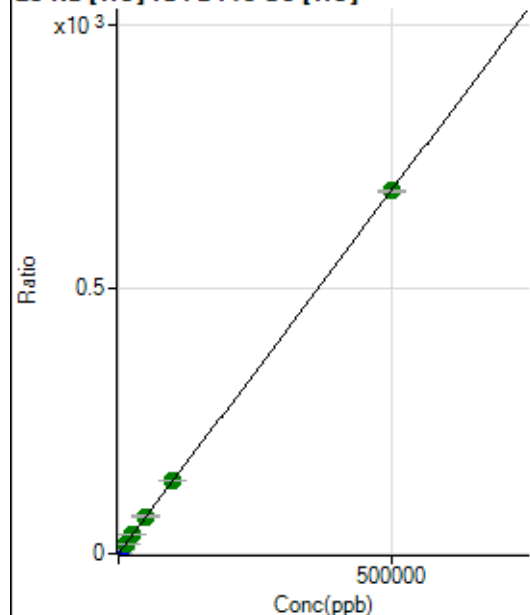
$$DL = 0.1558$$

$$BEC = 0.8867$$

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	11632.71	0.0318	P	3.8
2	☐	500.000	506.059	255355.47	0.7257	P	1.5
3	☐	5000.000	5290.406	2573565.05	7.2853	P	0.3
4	☐	12500.000	13098.995	6187943.54	17.9914	A	3.8
5	☐	25000.000	26187.881	11932964.68	35.9371	A	0.8
6	☐	50000.000	51397.784	23124566.14	70.5016	A	0.8
7	☐	100000.00	101625.69	45325260.39	139.3673	A	0.4
8	☐	500000.00	499457.80	228564527.3	684.8213	A	0.7

$$y = 0.0014 * x + 0.0318$$

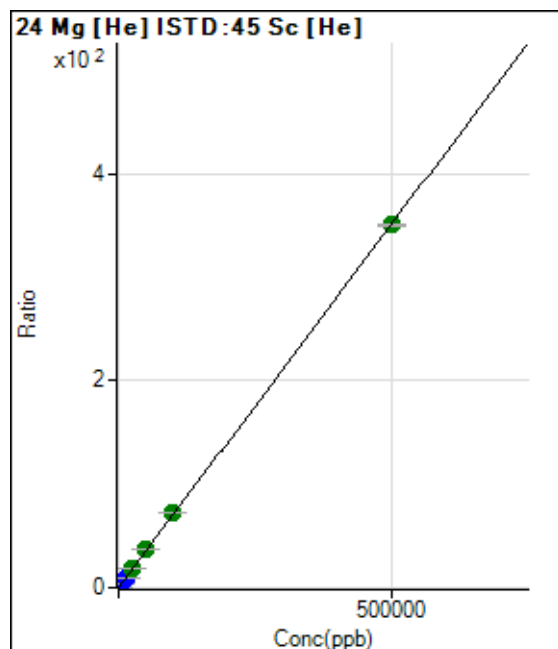
$$R = 1.0000$$

$$DL = 2.674$$

$$BEC = 23.22$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	252.79	0.0007	P	9.5
2	☐	500.000	519.791	128763.01	0.3659	P	3.9
3	☐	5000.000	5392.138	1338629.01	3.7894	P	0.9
4	☐	12500.000	13346.159	3225575.64	9.3782	P	3.7
5	☐	25000.000	26717.435	6233585.99	18.7734	A	0.6
6	☐	50000.000	52088.272	12005214.68	36.6000	A	0.6
7	☐	100000.00	102698.41	23468274.65	72.1607	A	0.4
8	☐	500000.00	499140.52	117058910.9	350.7168	A	0.3

$$y = 7.0264\text{E-}004 * x + 6.9124\text{E-}004$$

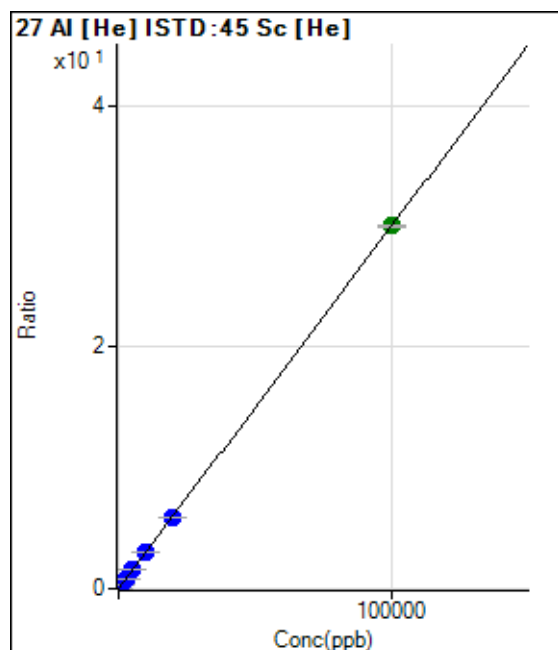
$$R = 1.0000$$

$$DL = 0.2804$$

$$BEC = 0.9838$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0001	P	42.9
2	☐	20.000	20.481	2191.92	0.0062	P	10.0
3	☐	1000.000	1020.697	108212.17	0.3063	P	2.2
4	☐	2500.000	2576.212	265919.03	0.7730	P	3.1
5	☐	5000.000	5082.871	506417.38	1.5251	P	0.4
6	☐	10000.000	9960.331	980217.72	2.9885	P	1.4
7	☐	20000.000	19710.338	1923361.72	5.9139	P	0.5
8	☐	100000.00	100055.64	10019862.64	30.0204	A	0.3

$$y = 3.0004\text{E-}004 * x + 8.3802\text{E-}005$$

$$R = 1.0000$$

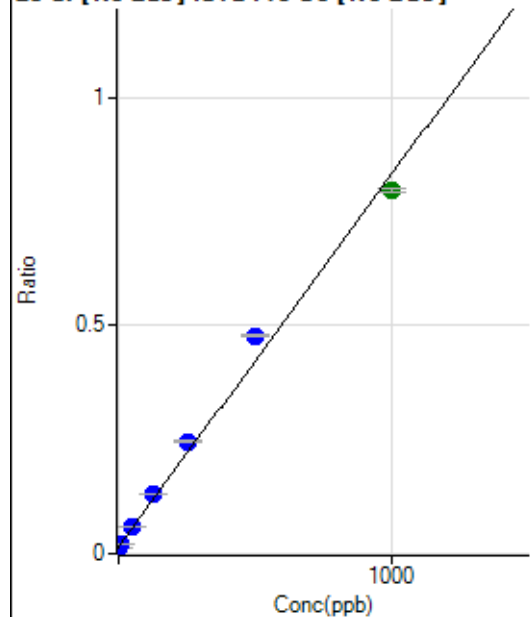
$$DL = 0.3595$$

$$BEC = 0.2793$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	131644.77	0.0146	P	0.9
2	☐	10.000	9.714	202491.10	0.0226	P	0.6
3	☐	50.000	56.658	544143.00	0.0609	P	0.6
4	☐	125.000	142.668	1153627.17	0.1311	P	2.2
5	☐	250.000	283.368	2063560.09	0.2459	P	0.9
6	☐	500.000	566.186	3893055.69	0.4767	P	0.9
7	☐	1000.000	956.026	6449417.81	0.7948	A	1.0
8	☐			1185216.58	0.1474	P	0.6

$$y = 8.1603E-004 * x + 0.0146$$

R = 0.9959

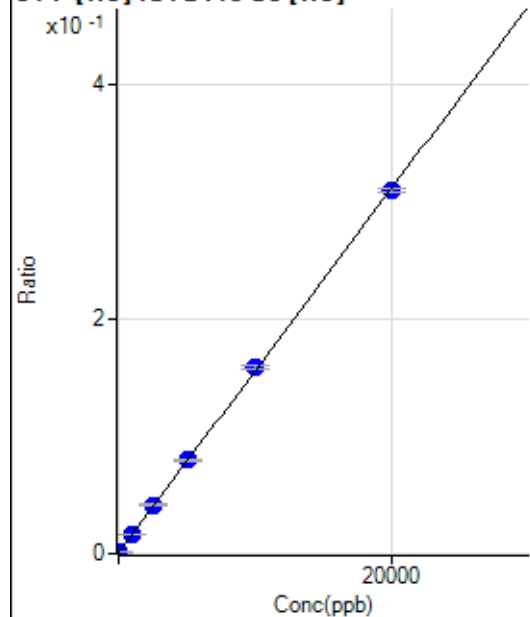
DL = 0.4837

BEC = 17.93

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-29.831	83.34	0.0002	P	15.4
2	☐	0.000	29.831	405.58	0.0012	P	13.1
3	☐	1000.000	1023.795	5851.40	0.0166	P	4.0
4	☐	2500.000	2616.851	14193.46	0.0413	P	4.7
5	☐	5000.000	5123.099	26607.80	0.0801	P	2.0
6	☐	10000.000	10172.622	51960.83	0.1584	P	2.0
7	☐	20000.000	19867.118	100414.39	0.3087	P	1.1
8	☐			150.01	0.0004	P	25.0

$$y = 1.5506E-005 * x + 6.8997E-004$$

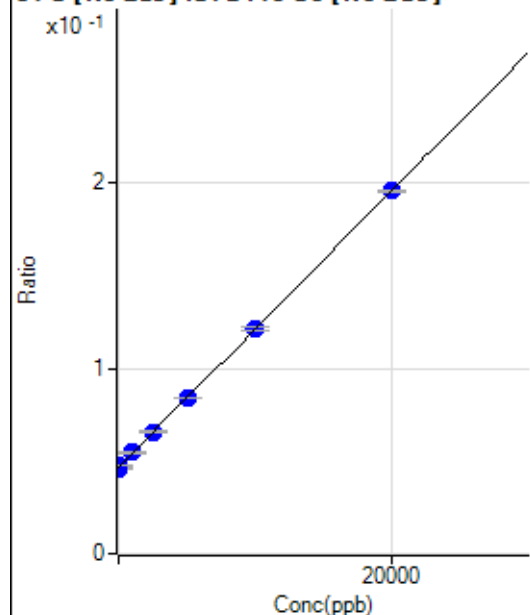
R = 0.9999

DL = 18.04

BEC = 44.5

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	-81.495	414842.71	0.0461	P	1.1
2	☐	0.000	81.495	424769.05	0.0473	P	0.6
3	☐	1000.000	1037.977	486701.28	0.0544	P	0.9
4	☐	2500.000	2563.853	579384.25	0.0658	P	1.0
5	☐	5000.000	4985.140	703697.18	0.0838	P	0.9
6	☐	10000.000	10022.691	991177.45	0.1214	P	1.4
7	☐	20000.000	19982.489	1586811.91	0.1955	P	0.7
8	☐			380417.64	0.0473	P	0.3

$$y = 7.4482\text{E-}006 * x + 0.0467$$

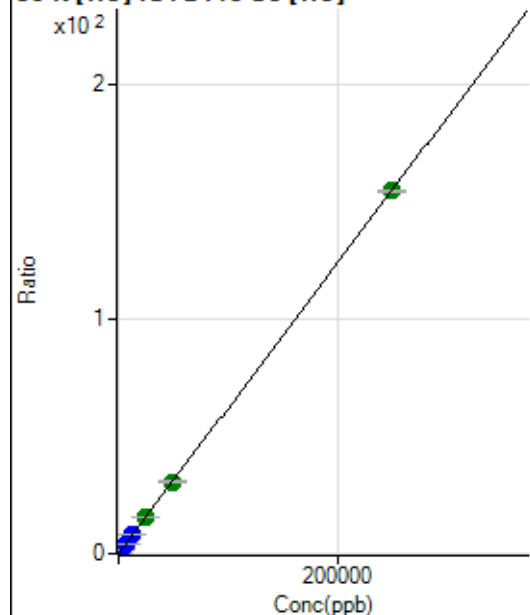
R = 1.0000

DL = 159.2

BEC = 6271

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	17102.13	0.0468	P	1.5
2	☐	500.000	504.261	126007.33	0.3581	P	1.4
3	☐	2500.000	2626.369	589304.93	1.6682	P	1.1
4	☐	6250.000	6493.638	1394776.31	4.0558	P	4.3
5	☐	12500.000	12875.693	2654957.07	7.9959	P	0.6
6	☐	25000.000	24911.423	5059829.93	15.4264	A	1.1
7	☐	50000.000	49620.048	9977971.23	30.6808	A	0.5
8	☐	250000.00	250058.70	51541562.26	154.4261	A	0.6

$$y = 6.1737\text{E-}004 * x + 0.0468$$

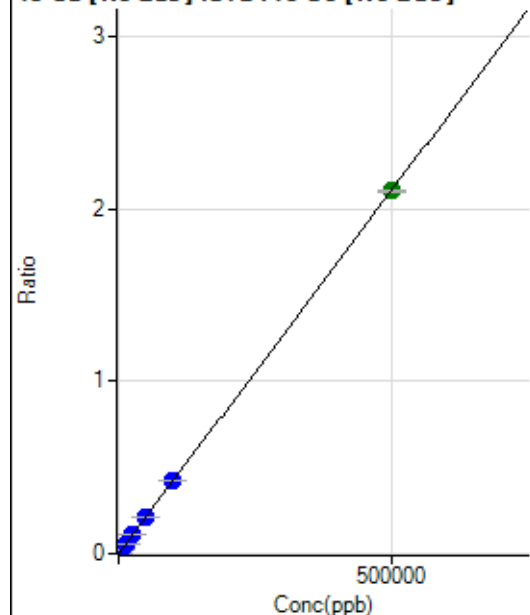
R = 1.0000

DL = 3.397

BEC = 75.76

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	258.35	0.0000	P	5.5
2	☐	500.000	487.788	18690.16	0.0021	P	1.3
3	☐	5000.000	5134.158	193481.59	0.0216	P	0.7
4	☐	12500.000	12947.165	480052.59	0.0545	P	2.0
5	☐	25000.000	25738.618	909651.88	0.1084	P	0.6
6	☐	50000.000	50994.716	1753579.14	0.2147	P	0.6
7	☐	100000.00	100908.80	3447328.90	0.4248	P	0.9
8	☐	500000.00	499669.32	16914987.53	2.1035	A	0.4

$$y = 4.2097\text{E-}006 * x + 2.8710\text{E-}005$$

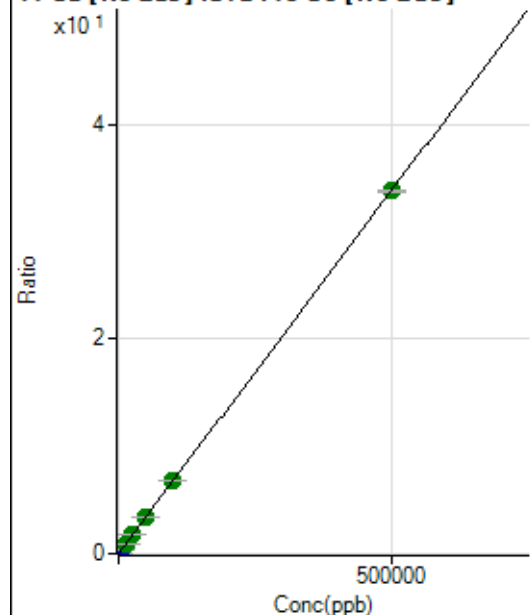
$$R = 1.0000$$

$$DL = 1.126$$

$$BEC = 6.82$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8625.66	0.0010	P	1.4
2	☐	500.000	493.465	308401.86	0.0344	P	0.2
3	☐	5000.000	5160.012	3130604.13	0.3502	P	0.4
4	☐	12500.000	12844.327	7661376.39	0.8702	A	1.3
5	☐	25000.000	25592.534	14545336.09	1.7330	A	0.4
6	☐	50000.000	51176.139	28295275.63	3.4644	A	1.2
7	☐	100000.00	101004.32	55478592.91	6.8367	A	0.8
8	☐	500000.00	499641.69	271917056.0	33.8156	A	0.6

$$y = 6.7678\text{E-}005 * x + 9.5857\text{E-}004$$

$$R = 1.0000$$

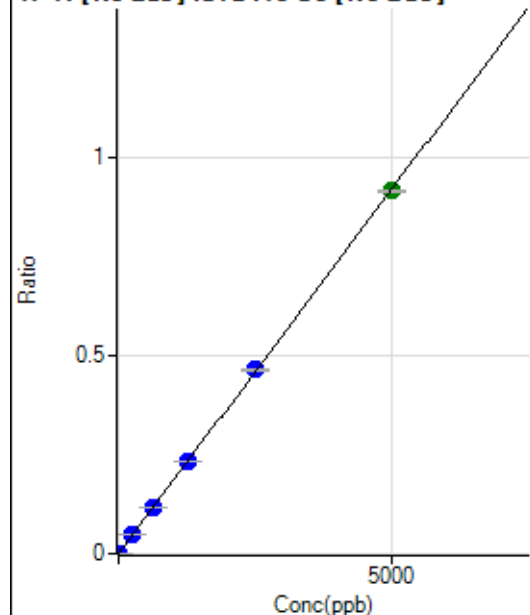
$$DL = 0.616$$

$$BEC = 14.16$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.57	0.0000	P	19.8
2	☐	5.000	5.208	8880.81	0.0010	P	1.5
3	☐	250.000	252.816	416149.81	0.0465	P	0.6
4	☐	625.000	637.133	1032196.07	0.1173	P	2.3
5	☐	1250.000	1262.619	1950114.85	0.2323	P	0.8
6	☐	2500.000	2525.868	3795819.31	0.4648	P	1.5
7	☐	5000.000	4982.254	7439241.14	0.9167	A	0.7
8	☐			9759.17	0.0012	P	3.2

$$y = 1.8399\text{E-}004 * x + 3.1184\text{E-}005$$

$$R = 1.0000$$

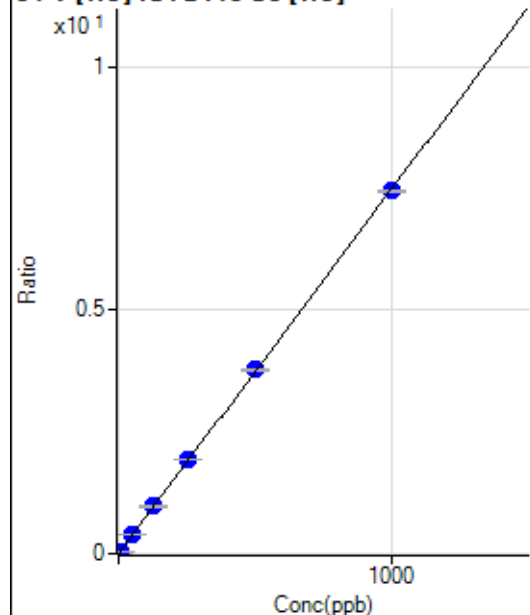
$$DL = 0.1008$$

$$BEC = 0.1695$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	57.7
2	☐	5.000	5.027	13251.68	0.0377	P	4.6
3	☐	50.000	51.885	137203.05	0.3884	P	0.7
4	☐	125.000	129.369	333067.79	0.9684	P	3.8
5	☐	250.000	256.591	637742.49	1.9207	P	0.3
6	☐	500.000	504.128	1237722.47	3.7735	P	0.9
7	☐	1000.000	995.648	2423806.37	7.4527	P	0.4
8	☐			3309.32	0.0099	P	4.6

$$y = 0.0075 * x + 2.7367\text{E-}005$$

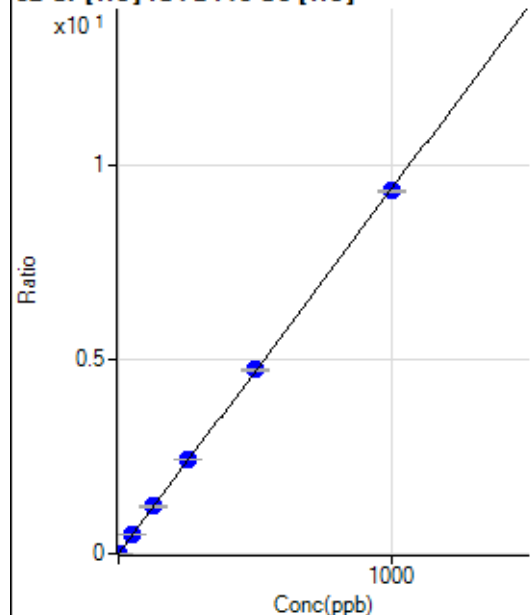
$$R = 1.0000$$

$$DL = 0.006332$$

$$BEC = 0.003656$$

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	1002.27	0.0027	P	5.0
2	☐	2.000	1.960	7452.00	0.0212	P	4.5
3	☐	50.000	52.261	174594.98	0.4942	P	1.1
4	☐	125.000	130.201	422112.63	1.2273	P	3.7
5	☐	250.000	258.110	806940.99	2.4302	P	0.1
6	☐	500.000	504.657	1557648.87	4.7490	P	1.0
7	☐	1000.000	994.881	3043941.90	9.3594	P	0.4
8	☐			88347.34	0.2647	P	1.5

$$y = 0.0094 * x + 0.0027$$

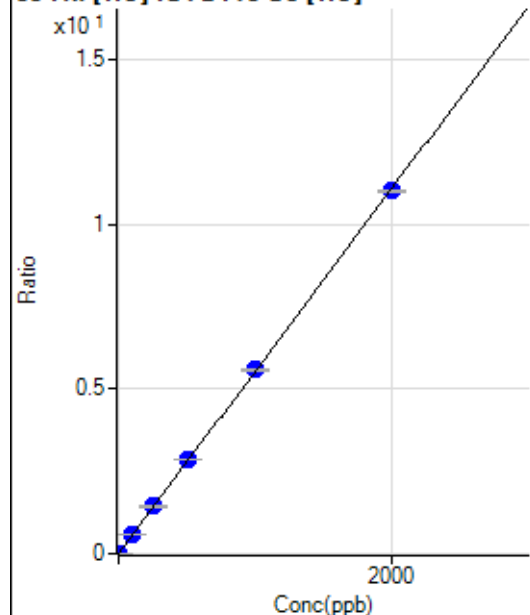
$$R = 0.9999$$

$$DL = 0.04361$$

$$BEC = 0.2916$$

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	208.89	0.0006	P	5.7
2	☐	1.000	1.015	2179.09	0.0062	P	5.5
3	☐	100.000	104.153	203916.99	0.5773	P	0.6
4	☐	250.000	260.390	496034.43	1.4423	P	4.1
5	☐	500.000	517.161	950981.97	2.8640	P	0.1
6	☐	1000.000	1009.551	1833662.87	5.5903	P	0.6
7	☐	2000.000	1989.428	3582591.20	11.0158	P	0.4
8	☐			16860.96	0.0505	P	1.4

$$y = 0.0055 * x + 5.7081E-004$$

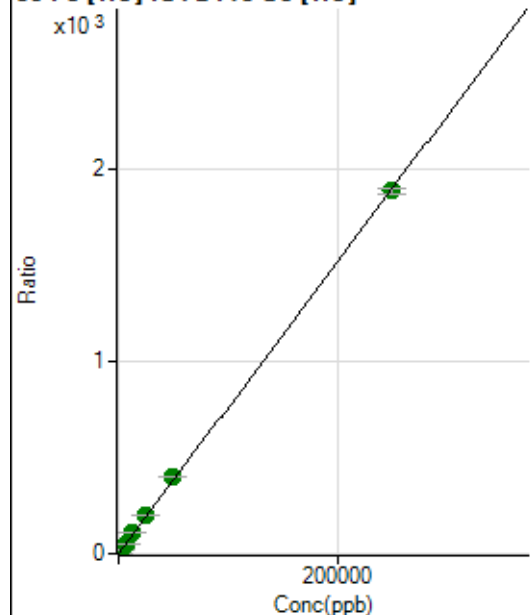
$$R = 0.9999$$

$$DL = 0.01765$$

$$BEC = 0.1031$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6121.83	0.0168	P	5.0
2	☐	50.000	54.366	151040.08	0.4292	P	5.4
3	☐	2500.000	2775.886	7445427.95	21.0767	A	0.9
4	☐	6250.000	6970.612	18194136.29	52.9011	A	3.9
5	☐	12500.000	13885.809	34986197.31	105.3651	A	0.3
6	☐	25000.000	26972.079	67125279.28	204.6475	A	0.6
7	☐	50000.000	53114.862	131059002.9	402.9866	A	0.5
8	☐	250000.00	249089.75	630718310.3	1,889.801	A	1.2

$$y = 0.0076 * x + 0.0168$$

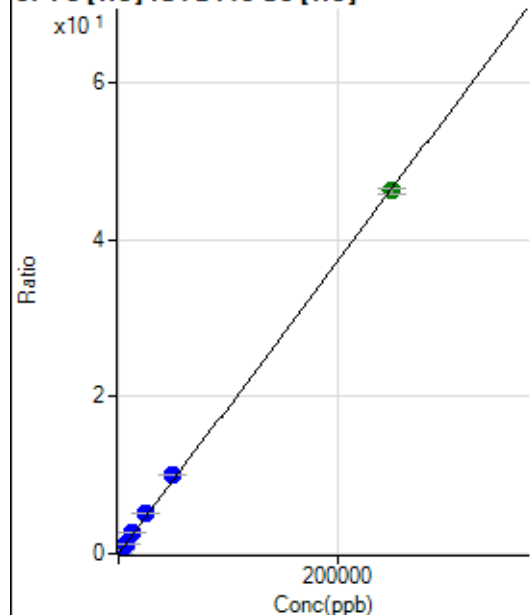
$$R = 0.9999$$

$$DL = 0.3302$$

$$BEC = 2.208$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	218.53	0.0006	P	16.0
2	☐	50.000	56.479	3906.18	0.0111	P	5.1
3	☐	2500.000	2836.749	186539.41	0.5281	P	1.6
4	☐	6250.000	7039.966	450407.44	1.3096	P	4.0
5	☐	12500.000	14005.694	864933.58	2.6048	P	0.5
6	☐	25000.000	27447.760	1674203.71	5.1042	P	0.7
7	☐	50000.000	53881.450	3258495.47	10.0193	P	0.5
8	☐	250000.00	248880.53	15445218.05	46.2775	A	1.3

$$y = 1.8594E-004 * x + 5.9906E-004$$

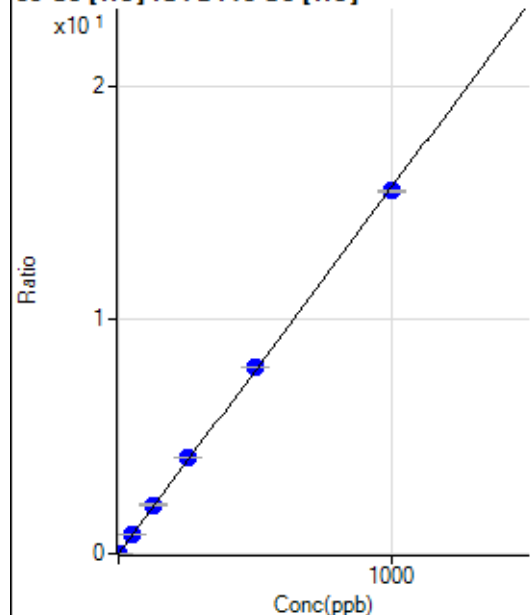
$$R = 0.9998$$

$$DL = 1.543$$

$$BEC = 3.222$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	304.46	0.0008	P	10.2
2	☐	1.000	0.981	5692.31	0.0162	P	0.8
3	☐	50.000	53.838	297799.18	0.8430	P	1.2
4	☐	125.000	132.668	714073.28	2.0761	P	3.7
5	☐	250.000	263.250	1367643.36	4.1188	P	0.4
6	☐	500.000	509.410	2614044.04	7.9695	P	0.5
7	☐	1000.000	990.832	5041174.02	15.5003	P	0.6
8	☐			14854.34	0.0445	P	0.3

$$y = 0.0156 * x + 8.3250E-004$$

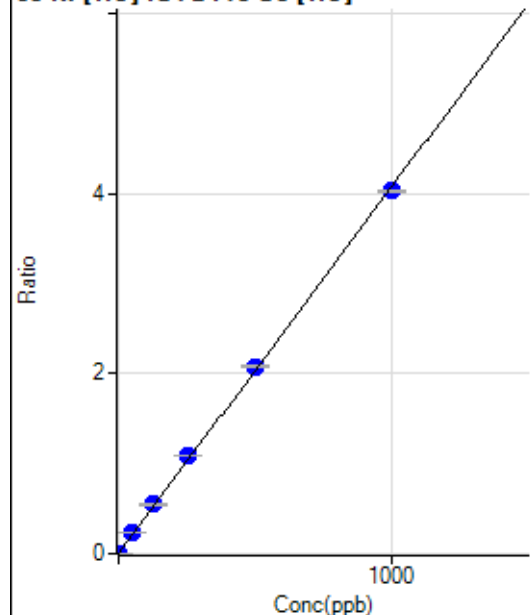
$$R = 0.9998$$

$$DL = 0.01627$$

$$BEC = 0.05322$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	777.81	0.0021	P	3.7
2	☐	1.000	1.024	2216.87	0.0063	P	5.3
3	☐	50.000	54.892	79779.21	0.2258	P	1.0
4	☐	125.000	134.534	189296.78	0.5504	P	4.1
5	☐	250.000	266.365	361172.42	1.0877	P	0.6
6	☐	500.000	509.636	681977.45	2.0792	P	0.7
7	☐	1000.000	989.654	1312455.69	4.0355	P	0.4
8	☐			28003.65	0.0839	P	1.9

$$y = 0.0041 * x + 0.0021$$

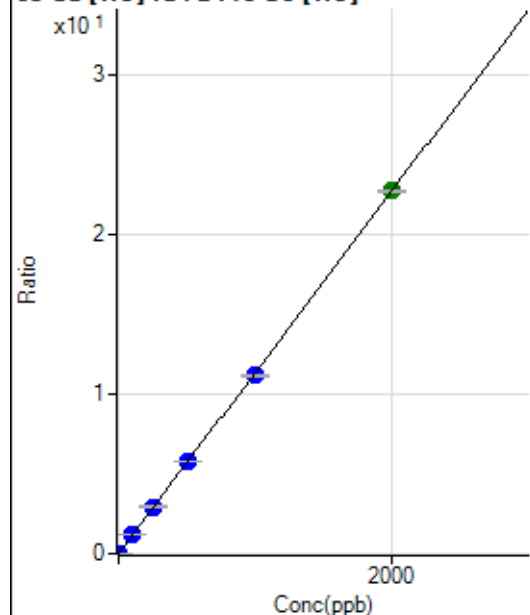
$$R = 0.9998$$

$$DL = 0.05772$$

$$BEC = 0.5219$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	815.59	0.0022	P	8.4
2	☐	2.000	2.051	8960.67	0.0255	P	2.3
3	☐	100.000	106.078	425305.46	1.2040	P	0.6
4	☐	250.000	259.646	1012459.46	2.9437	P	3.7
5	☐	500.000	512.556	1928767.00	5.8088	P	0.3
6	☐	1000.000	984.461	3658940.15	11.1549	P	0.5
7	☐	2000.000	2003.121	7380853.78	22.6951	A	0.6
8	☐			19455.32	0.0583	P	1.8

$$y = 0.0113 * x + 0.0022$$

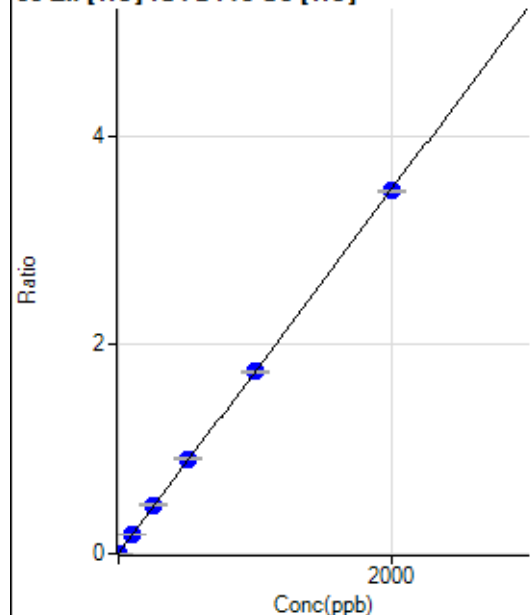
$$R = 0.9999$$

$$DL = 0.04952$$

$$BEC = 0.1966$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	801.15	0.0022	P	6.1
2	☐	2.000	2.439	2266.89	0.0064	P	2.3
3	☐	100.000	107.318	66854.57	0.1893	P	0.4
4	☐	250.000	264.649	159426.54	0.4635	P	3.4
5	☐	500.000	521.126	302333.36	0.9106	P	0.7
6	☐	1000.000	1000.742	572867.19	1.7466	P	1.0
7	☐	2000.000	1992.150	1130050.30	3.4747	P	0.5
8	☐			19488.76	0.0584	P	1.5

$$y = 0.0017 * x + 0.0022$$

$$R = 0.9999$$

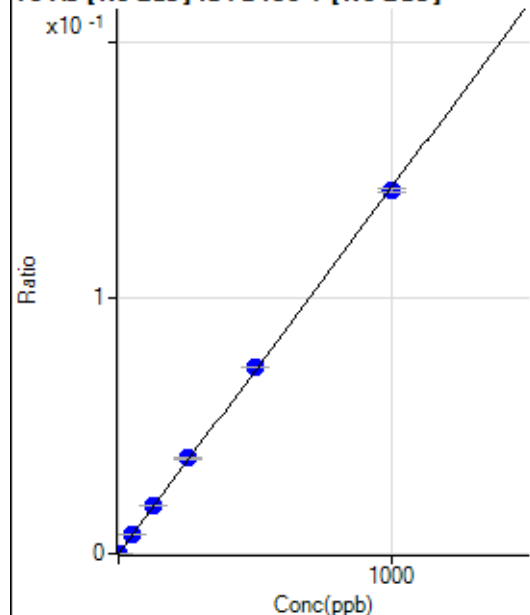
$$DL = 0.2301$$

$$BEC = 1.257$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-1205.03	-0.0001	P	-4.8
2	☐	1.000	0.853	1100.27	0.0001	P	14.6
3	☐	50.000	53.763	143373.88	0.0076	P	2.1
4	☐	125.000	132.923	352988.18	0.0190	P	0.6
5	☐	250.000	261.082	671157.38	0.0374	P	1.4
6	☐	500.000	510.295	1289504.95	0.0731	P	0.5
7	☐	1000.000	990.904	2486110.85	0.1420	P	1.2
8	☐			1878.20	0.0001	P	2.9

$$y = 1.4333\text{E-}004 * x - 6.4027\text{E-}005$$

$$R = 0.9998$$

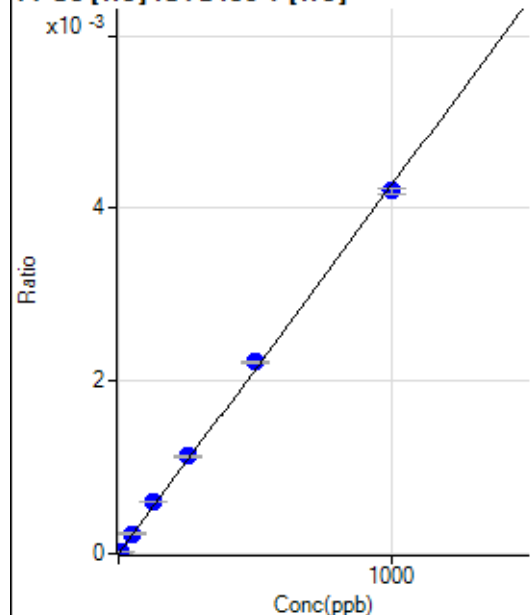
$$DL = 0.06415$$

$$BEC = -0.4467$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.378	43.33	0.0000	P	27.9
3	☐	50.000	54.201	528.91	0.0002	P	11.7
4	☐	125.000	139.300	1312.30	0.0006	P	0.9
5	☐	250.000	264.051	2425.80	0.0011	P	1.1
6	☐	500.000	519.500	4703.06	0.0022	P	0.7
7	☐	1000.000	984.743	8898.42	0.0042	P	1.7
8	☐			10.00	0.0000	P	88.0

$$y = 4.2662\text{E-}006 * x + 4.8731\text{E-}007$$

$$R = 0.9995$$

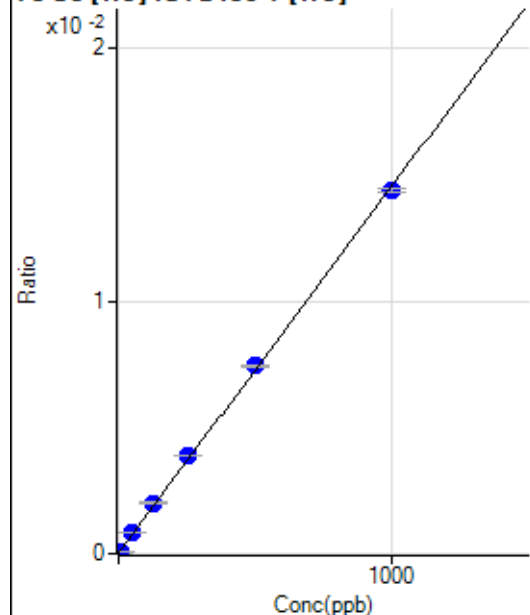
$$DL = 0.5935$$

$$BEC = 0.1142$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	51.24	0.0000	P	16.5
2	☐	5.000	5.334	224.69	0.0001	P	5.3
3	☐	50.000	54.567	1857.54	0.0008	P	1.1
4	☐	125.000	137.337	4437.76	0.0020	P	6.2
5	☐	250.000	265.780	8346.29	0.0039	P	0.9
6	☐	500.000	511.557	15788.91	0.0074	P	1.3
7	☐	1000.000	988.504	30418.31	0.0144	P	0.9
8	☐			85.80	0.0000	P	15.1

$$y = 1.4507\text{E-}005 * x + 2.1974\text{E-}005$$

$$R = 0.9997$$

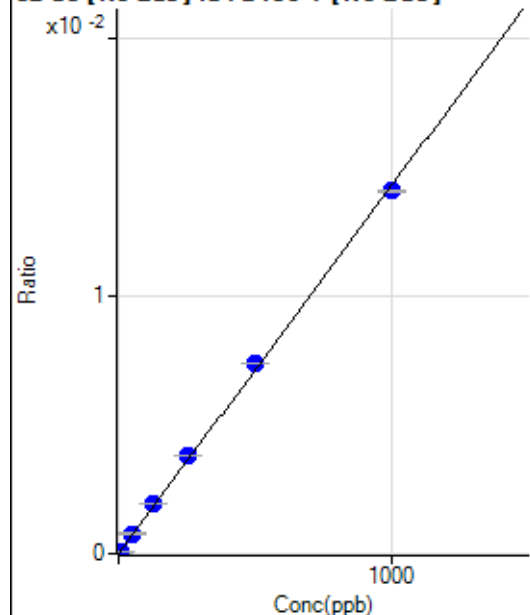
$$DL = 0.7476$$

$$BEC = 1.515$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-103.64	0.0000	P	-34.
2	☐	5.000	5.897	1487.59	0.0001	P	3.3
3	☐	50.000	54.846	14589.81	0.0008	P	1.2
4	☐	125.000	135.285	35806.92	0.0019	P	1.6
5	☐	250.000	266.513	68273.15	0.0038	P	1.1
6	☐	500.000	515.988	129917.56	0.0074	P	0.4
7	☐	1000.000	986.346	246561.81	0.0141	P	0.8
8	☐			394.92	0.0000	P	27.7

$$y = 1.4279\text{E-}005 * x - 5.5050\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.4027$$

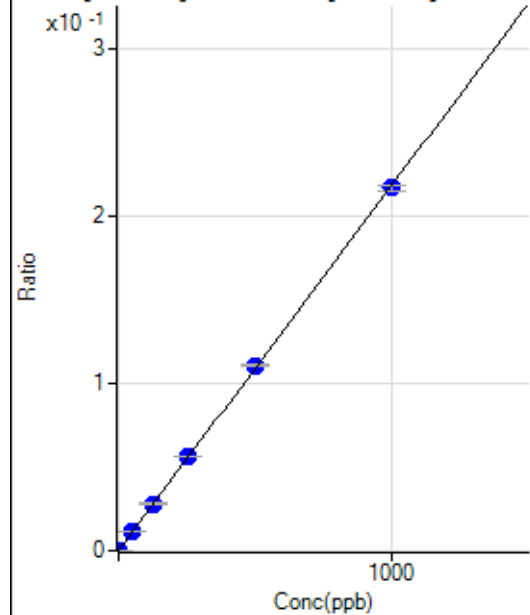
$$BEC = -0.3855$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1071.17		P	3.9
2	☐			1020.05		P	6.4
3	☐			1040.05		P	4.2
4	☐			1024.50		P	9.4
5	☐			1033.39		P	2.0
6	☐			956.72		P	3.0
7	☐			1025.61		P	1.6
8	☐			1013.39		P	9.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1633.49	0.0001	P	9.3
2	☐	1.000	1.012	5812.51	0.0003	P	2.3
3	☐	50.000	51.121	210817.76	0.0112	P	0.7
4	☐	125.000	128.466	522494.90	0.0281	P	1.1
5	☐	250.000	256.353	1006134.43	0.0560	P	0.5
6	☐	500.000	507.564	1955032.85	0.1108	P	0.6
7	☐	1000.000	994.140	3798669.18	0.2169	P	1.5
8	☐			21336.00	0.0013	P	2.5

$$y = 2.1810\text{E-}004 * x + 8.6791\text{E-}005$$

$$R = 0.9999$$

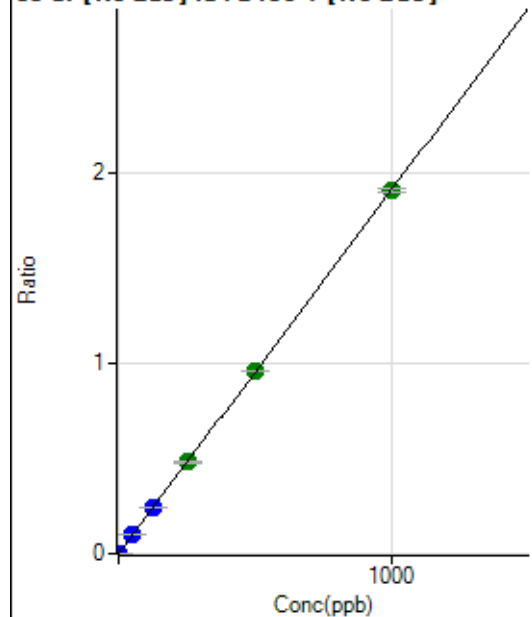
$$DL = 0.1114$$

$$BEC = 0.3979$$

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	263.90	0.0000	P	34.8
2	☐	1.000	0.997	36229.94	0.0019	P	1.9
3	☐	50.000	51.132	1829841.73	0.0975	P	1.0
4	☐	125.000	128.026	4539136.43	0.2442	P	1.1
5	☐	250.000	251.244	8609257.31	0.4792	A	0.6
6	☐	500.000	503.196	16934752.12	0.9597	A	0.7
7	☐	1000.000	997.656	33321426.09	1.9027	A	1.0
8	☐			171819.93	0.0103	P	1.5

$$y = 0.0019 * x + 1.4011E-005$$

$$R = 1.0000$$

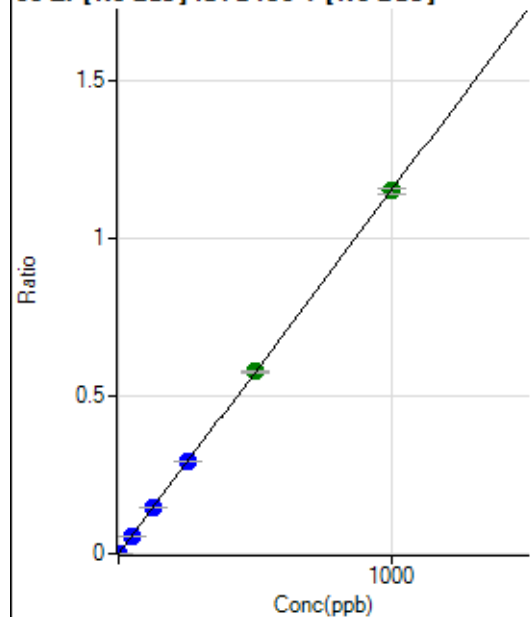
$$DL = 0.007661$$

$$BEC = 0.007347$$

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	925.07	0.0000	P	7.4
2	☐	1.000	0.751	17311.15	0.0009	P	4.1
3	☐	50.000	50.074	1085101.93	0.0578	P	0.4
4	☐	125.000	127.464	2735385.67	0.1471	P	1.1
5	☐	250.000	253.986	5267078.54	0.2932	P	0.4
6	☐	500.000	500.838	10200199.45	0.5780	A	0.5
7	☐	1000.000	998.273	20175812.43	1.1521	A	1.4
8	☐			24307.64	0.0015	P	3.5

$$y = 0.0012 * x + 4.9140E-005$$

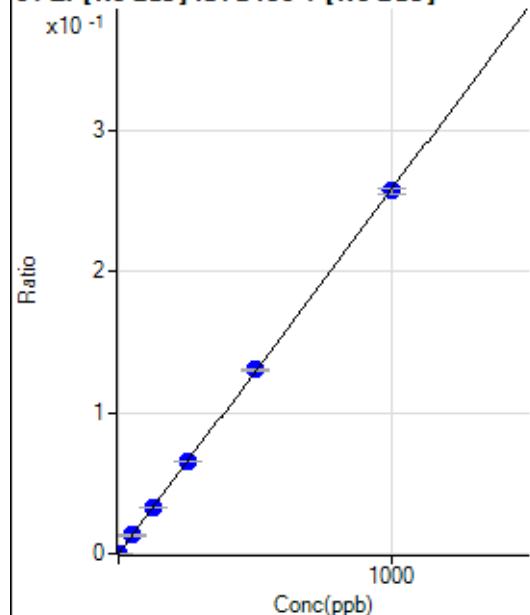
$$R = 1.0000$$

$$DL = 0.009457$$

$$BEC = 0.04258$$

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	216.68	0.0000	P	8.0
2	☐	1.000	0.757	3914.60	0.0002	P	4.4
3	☐	50.000	50.313	244211.80	0.0130	P	0.9
4	☐	125.000	127.405	612412.47	0.0329	P	0.5
5	☐	250.000	255.336	1185983.90	0.0660	P	0.5
6	☐	500.000	504.405	2300856.00	0.1304	P	0.3
7	☐	1000.000	996.147	4509202.40	0.2575	P	1.6
8	☐			5481.81	0.0003	P	1.7

$$y = 2.5847\text{E-}004 * x + 1.1513\text{E-}005$$

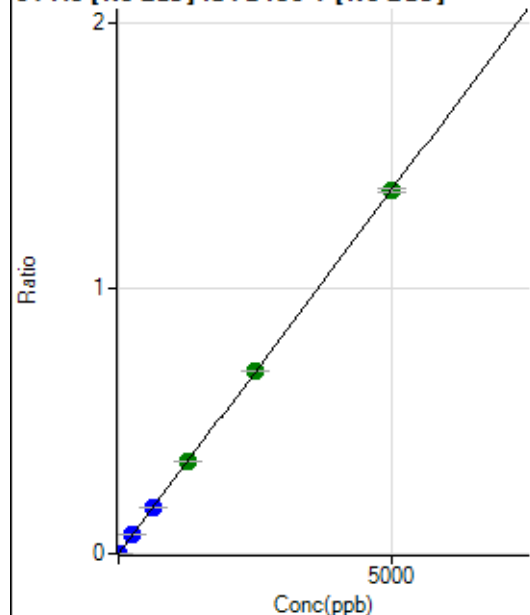
$$R = 1.0000$$

$$DL = 0.01064$$

$$BEC = 0.04454$$

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	383.36	0.0000	P	18.3
2	☐	5.000	4.806	25323.15	0.0013	P	2.1
3	☐	250.000	253.792	1307230.86	0.0697	P	0.4
4	☐	625.000	639.288	3262222.51	0.1755	P	0.3
5	☐	1250.000	1259.719	6212127.83	0.3457	A	0.3
6	☐	2500.000	2513.186	12172175.27	0.6898	A	0.4
7	☐	5000.000	4989.002	23979660.26	1.3692	A	1.1
8	☐			41714.56	0.0025	P	1.7

$$y = 2.7445\text{E-}004 * x + 2.0379\text{E-}005$$

$$R = 1.0000$$

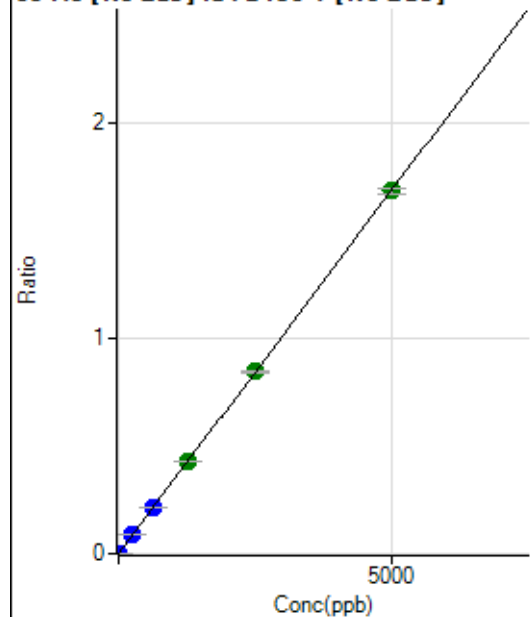
$$DL = 0.04072$$

$$BEC = 0.07425$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	22.1
2	☐	5.000	5.136	32769.09	0.0017	P	0.6
3	☐	250.000	252.872	1598076.14	0.0852	P	0.9
4	☐	625.000	636.480	3985360.38	0.2144	P	0.7
5	☐	1250.000	1261.856	7636196.61	0.4250	A	0.5
6	☐	2500.000	2503.089	14877355.89	0.8431	A	0.5
7	☐	5000.000	4993.913	29456921.14	1.6820	A	1.3
8	☐			57689.70	0.0034	P	1.6

$$y = 3.3681E-004 * x + 3.5444E-006$$

$$R = 1.0000$$

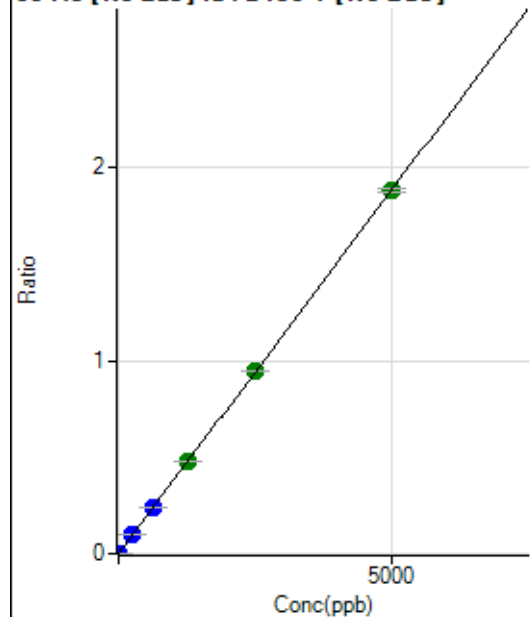
$$DL = 0.006981$$

$$BEC = 0.01052$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0000	P	14.2
2	☐	5.000	5.141	36773.31	0.0019	P	1.5
3	☐	250.000	254.411	1796574.95	0.0958	P	0.9
4	☐	625.000	637.019	4456894.46	0.2397	P	0.8
5	☐	1250.000	1261.861	8532323.97	0.4749	A	0.6
6	☐	2500.000	2508.684	16660210.79	0.9441	A	0.7
7	☐	5000.000	4990.970	32894742.05	1.8783	A	1.0
8	☐			69746.47	0.0042	P	0.9

$$y = 3.7633E-004 * x + 1.0335E-005$$

$$R = 1.0000$$

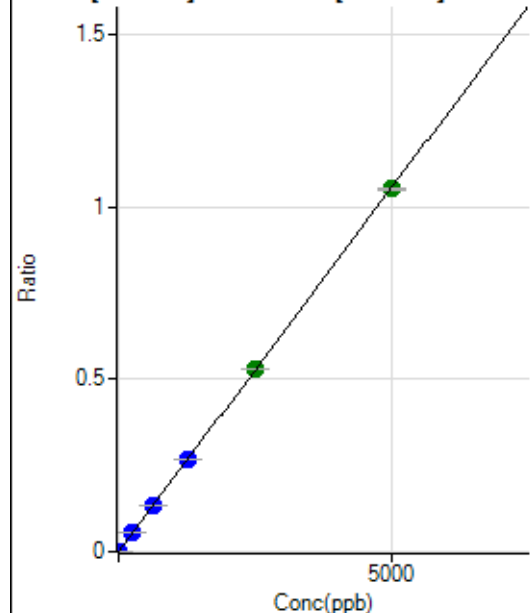
$$DL = 0.01169$$

$$BEC = 0.02746$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	18.0
2	☐	5.000	5.385	21536.37	0.0011	P	3.0
3	☐	250.000	254.482	1006791.33	0.0537	P	0.8
4	☐	625.000	638.714	2503590.42	0.1347	P	1.1
5	☐	1250.000	1269.926	4810954.40	0.2678	P	0.8
6	☐	2500.000	2513.993	9354017.83	0.5301	A	0.2
7	☐	5000.000	4986.083	18412177.50	1.0513	A	0.8
8	☐			35954.84	0.0021	P	1.0

$$y = 2.1085\text{E-}004 * x + 3.6883\text{E-}006$$

$$R = 1.0000$$

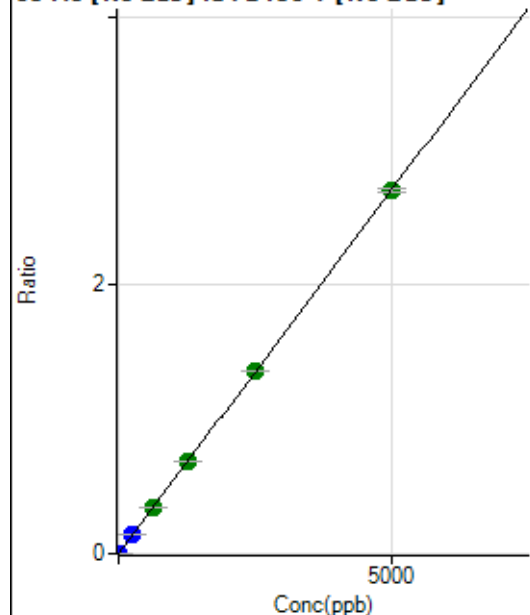
$$DL = 0.00943$$

$$BEC = 0.01749$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.68	0.0000	P	9.1
2	☐	5.000	5.167	53066.58	0.0028	P	1.2
3	☐	250.000	253.718	2578016.38	0.1374	P	0.6
4	☐	625.000	633.701	6379834.52	0.3432	A	0.6
5	☐	1250.000	1260.900	12268317.73	0.6828	A	0.5
6	☐	2500.000	2512.809	24012335.26	1.3608	A	0.7
7	☐	5000.000	4989.597	47321612.86	2.7020	A	1.2
8	☐			91379.09	0.0055	P	1.9

$$y = 5.4153\text{E-}004 * x + 8.8574\text{E-}006$$

$$R = 1.0000$$

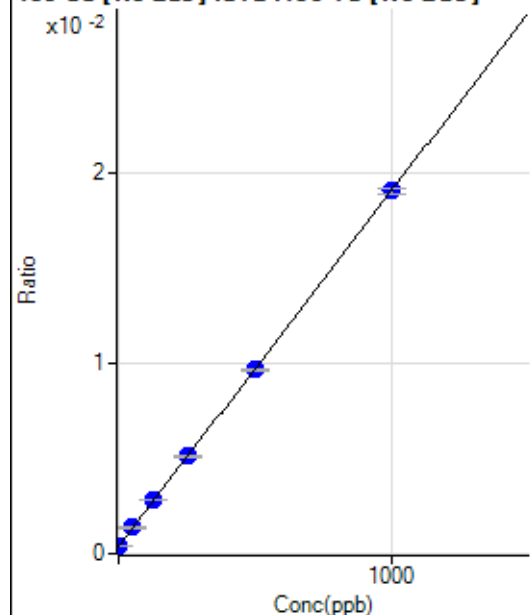
$$DL = 0.004447$$

$$BEC = 0.01636$$

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	8480.70	0.0004	P	1.6
2	☐	1.000	1.003	8939.34	0.0004	P	2.8
3	☐	50.000	52.798	30430.69	0.0014	P	0.7
4	☐	125.000	132.265	63448.39	0.0029	P	1.3
5	☐	250.000	254.145	111319.16	0.0051	P	2.5
6	☐	500.000	496.981	208490.71	0.0097	P	1.2
7	☐	1000.000	999.425	409844.51	0.0191	P	1.4
8	☐			8016.47	0.0004	P	3.5

$$y = 1.8728\text{E-}005 * x + 3.8116\text{E-}004$$

$$R = 1.0000$$

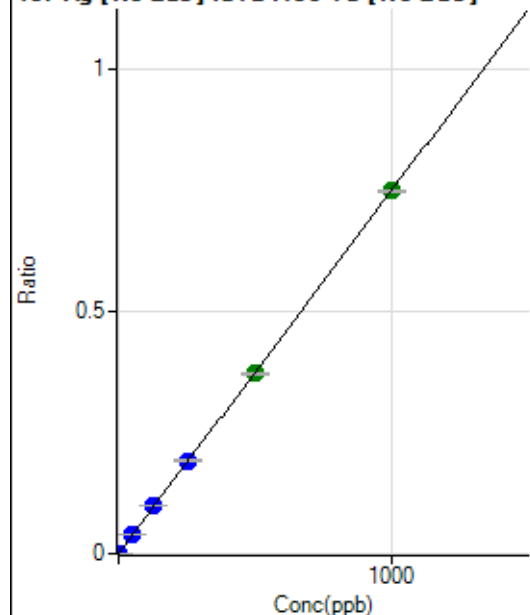
$$DL = 0.997$$

$$BEC = 20.35$$

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	166.67	0.0000	P	13.2
2	☐	1.000	1.181	19961.99	0.0009	P	2.3
3	☐	50.000	53.796	896301.96	0.0403	P	1.1
4	☐	125.000	131.079	2182225.33	0.0983	P	1.4
5	☐	250.000	256.774	4169803.13	0.1926	P	1.0
6	☐	500.000	495.998	8004719.45	0.3720	A	0.8
7	☐	1000.000	999.358	16083454.52	0.7494	A	0.8
8	☐			16796.69	0.0009	P	3.0

$$y = 7.4992\text{E-}004 * x + 7.4908\text{E-}006$$

$$R = 1.0000$$

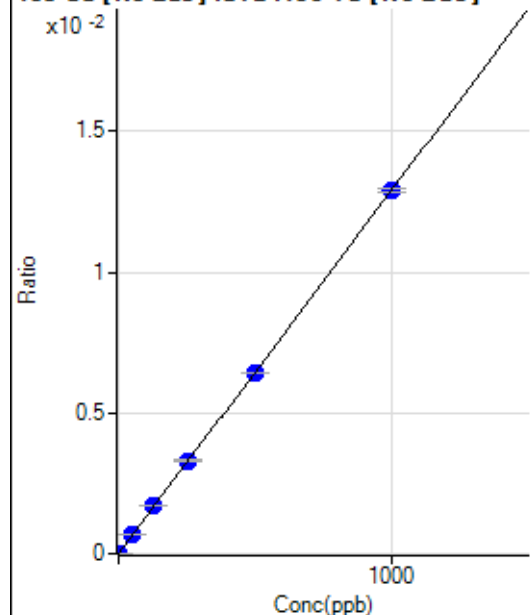
$$DL = 0.003959$$

$$BEC = 0.009989$$

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	26.39	0.0000	P	18.2
2	☐	1.000	1.026	322.23	0.0000	P	22.0
3	☐	50.000	53.389	15330.77	0.0007	P	0.9
4	☐	125.000	130.509	37419.08	0.0017	P	0.9
5	☐	250.000	256.404	71676.35	0.0033	P	0.9
6	☐	500.000	497.396	138161.34	0.0064	P	0.2
7	☐	1000.000	998.843	276648.92	0.0129	P	1.0
8	☐			358.35	0.0000	P	2.5

$$y = 1.2905E-005 * x + 1.1859E-006$$

$$R = 1.0000$$

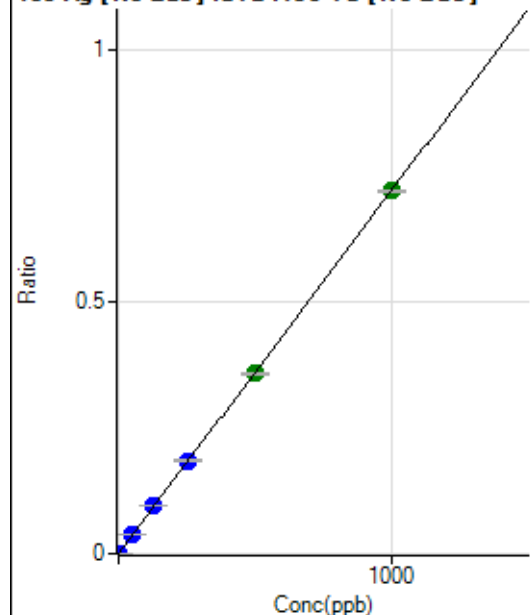
$$DL = 0.05004$$

$$BEC = 0.0919$$

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	27.78	0.0000	P	17.6
2	☐	1.000	1.185	19096.92	0.0009	P	1.6
3	☐	50.000	53.908	862215.70	0.0388	P	0.7
4	☐	125.000	131.383	2099888.85	0.0946	P	1.4
5	☐	250.000	256.133	3993371.14	0.1844	P	0.9
6	☐	500.000	496.406	7691505.03	0.3574	A	0.7
7	☐	1000.000	999.270	15440764.75	0.7195	A	0.4
8	☐			16418.46	0.0008	P	2.7

$$y = 7.2000E-004 * x + 1.2488E-006$$

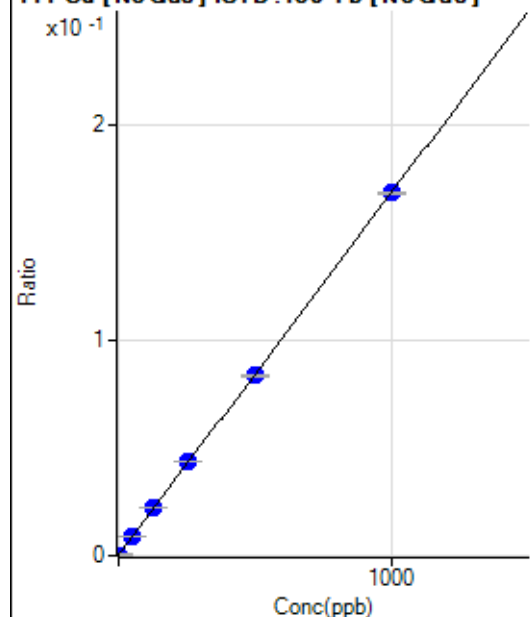
$$R = 1.0000$$

$$DL = 0.0009152$$

$$BEC = 0.001734$$

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	5988.85	0.0003	P	1.8
2	☐	1.000	1.044	9936.76	0.0004	P	1.7
3	☐	50.000	52.855	203167.02	0.0091	P	0.4
4	☐	125.000	131.546	496418.33	0.0224	P	1.4
5	☐	250.000	257.742	943223.01	0.0436	P	0.3
6	☐	500.000	495.840	1797921.67	0.0835	P	1.0
7	☐	1000.000	999.184	3607302.53	0.1681	P	0.2
8	☐			9146.00	0.0005	P	2.5

$$y = 1.6795E-004 * x + 2.6917E-004$$

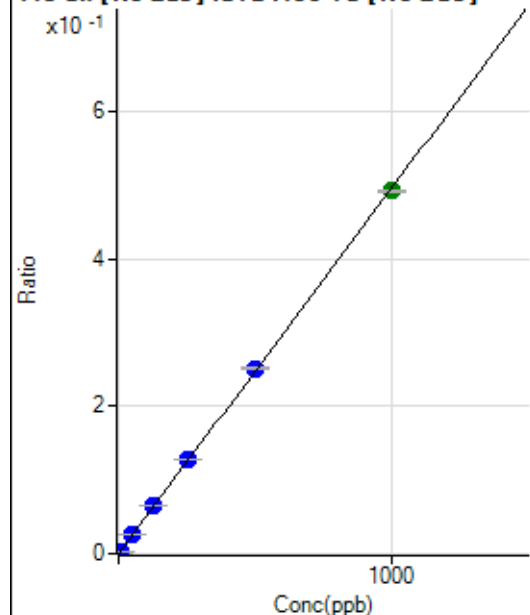
$$R = 0.9999$$

$$DL = 0.08886$$

$$BEC = 1.603$$

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	1225.11	0.0001	P	4.2
2	☐	5.000	5.163	58374.75	0.0026	P	0.7
3	☐	50.000	52.356	577041.28	0.0260	P	0.2
4	☐	125.000	130.649	1437200.28	0.0647	P	1.2
5	☐	250.000	257.836	2765609.83	0.1277	P	0.1
6	☐	500.000	507.773	5411575.99	0.2515	P	0.3
7	☐	1000.000	993.329	10556181.31	0.4919	A	0.4
8	☐			17119.40	0.0009	P	1.8

$$y = 4.9513E-004 * x + 5.5067E-005$$

$$R = 0.9999$$

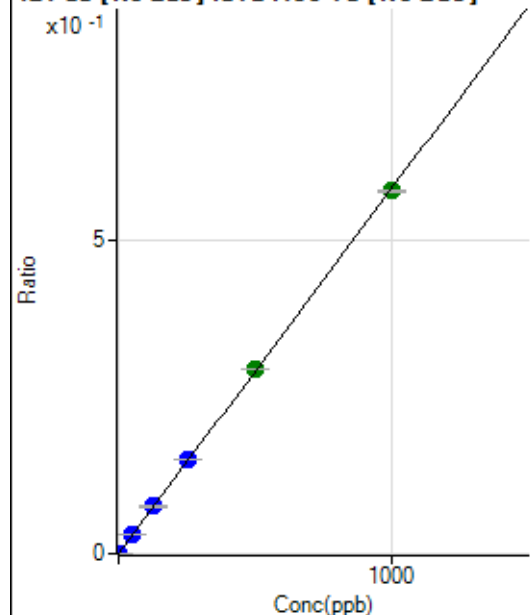
$$DL = 0.01386$$

$$BEC = 0.1112$$

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	83.33	0.0000	P	17.6
2	☐	2.000	1.992	26022.24	0.0012	P	3.7
3	☐	50.000	51.511	666730.91	0.0300	P	0.6
4	☐	125.000	129.956	1680825.79	0.0757	P	1.5
5	☐	250.000	257.881	3253570.19	0.1503	P	0.3
6	☐	500.000	506.467	6350184.38	0.2951	A	0.4
7	☐	1000.000	994.101	12430200.54	0.5792	A	0.3
8	☐			24541.61	0.0012	P	2.3

$$y = 5.8262\text{E-}004 * x + 3.7465\text{E-}006$$

$$R = 0.9999$$

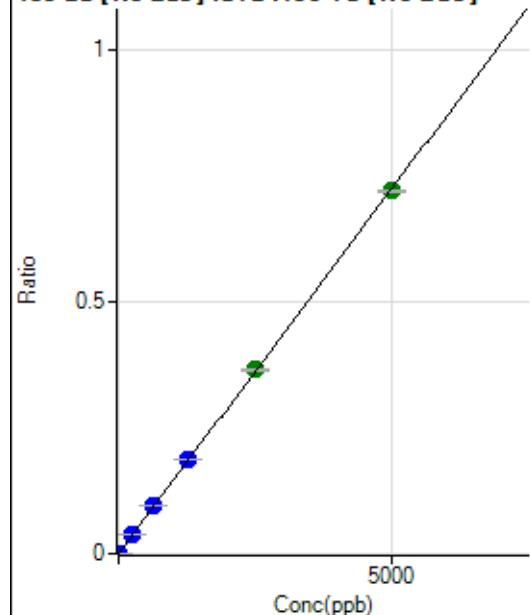
$$DL = 0.003394$$

$$BEC = 0.00643$$

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	136.12	0.0000	P	21.7
2	☐	10.000	10.233	33254.55	0.0015	P	0.8
3	☐	250.000	259.646	835207.21	0.0376	P	0.7
4	☐	625.000	653.038	2099146.77	0.0946	P	1.0
5	☐	1250.000	1289.594	4043427.13	0.1867	P	0.4
6	☐	2500.000	2521.729	7857571.53	0.3651	A	1.0
7	☐	5000.000	4975.249	15459966.49	0.7204	A	0.4
8	☐			17859.39	0.0009	P	1.9

$$y = 1.4479\text{E-}004 * x + 6.1187\text{E-}006$$

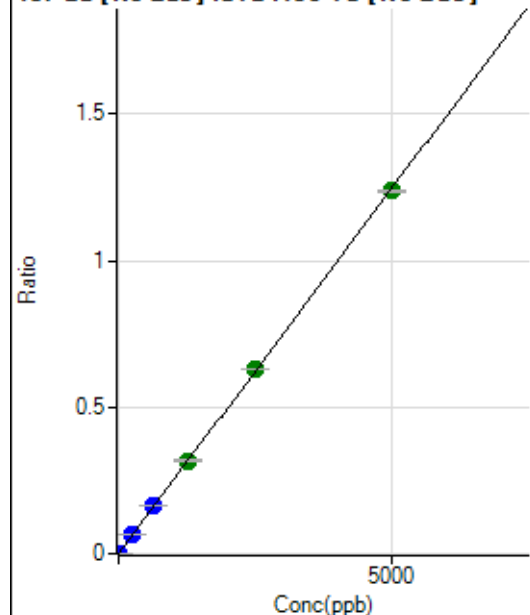
$$R = 0.9999$$

$$DL = 0.02745$$

$$BEC = 0.04226$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	205.57	0.0000	P	9.1
2	☐	10.000	10.414	58147.17	0.0026	P	0.4
3	☐	250.000	263.370	1456357.26	0.0656	P	0.2
4	☐	625.000	652.916	3607642.62	0.1625	P	1.6
5	☐	1250.000	1277.486	6885624.63	0.3180	A	0.4
6	☐	2500.000	2535.761	13582890.06	0.6312	A	0.4
7	☐	5000.000	4971.089	26554443.65	1.2373	A	0.3
8	☐			31350.17	0.0016	P	1.8

$$y = 2.4890E-004 * x + 9.2376E-006$$

$$R = 0.9999$$

$$DL = 0.01017$$

$$BEC = 0.03711$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐			24.44		P	63.0
3	☐			102.23		P	24.7
4	☐			222.23		P	13.5
5	☐			406.69		P	11.4
6	☐			768.94		P	5.9
7	☐			1522.37		P	1.8
8	☐			155.56		P	22.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.
2	☐			11.11		P	62.5
3	☐			28.89		P	17.6
4	☐			28.89		P	48.0
5	☐			47.78		P	33.0
6	☐			77.78		P	21.6
7	☐			121.12		P	16.8
8	☐			48.89		P	14.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			202.79		P	2.4
2	☐			77.78		P	32.7
3	☐			175.01		P	16.5
4	☐			219.46		P	18.7
5	☐			194.45		P	9.9
6	☐			194.46		P	16.2
7	☐			391.69		P	9.8
8	☐			211.12		P	6.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	16.7
2	☐			22.22		P	45.8
3	☐			41.11		P	12.4
4	☐			70.00		P	24.7
5	☐			100.00		P	23.3
6	☐			175.56		P	19.5
7	☐			326.67		P	14.4
8	☐			64.45		P	6.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			144.45		P	12.0
2	☐			158.34		P	24.1
3	☐			172.23		P	21.8
4	☐			141.67		P	42.4
5	☐			158.34		P	10.5
6	☐			186.12		P	21.2
7	☐			194.46		P	31.6
8	☐			188.90		P	33.4

160 Gd [He] No available calibration points

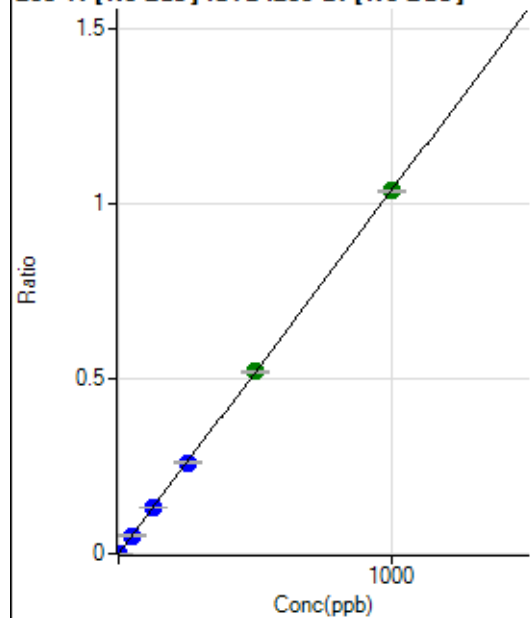
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			338.90		P	8.4
2	☐			326.68		P	6.2
3	☐			328.90		P	14.7
4	☐			304.45		P	5.5
5	☐			366.68		P	7.4
6	☐			323.34		P	5.7
7	☐			342.23		P	4.9
8	☐			317.79		P	8.1

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.01		P	33.3
2	☐			119.45		P	29.0
3	☐			127.79		P	26.4
4	☐			130.56		P	14.7
5	☐			144.45		P	42.5
6	☐			136.12		P	34.8
7	☐			188.90		P	26.6
8	☐			161.12		P	23.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			65.56		P	23.5
2	☐			81.11		P	11.9
3	☐			75.56		P	21.8
4	☐			65.56		P	38.2
5	☐			80.00		P	12.5
6	☐			81.11		P	8.6
7	☐			84.45		P	21.7
8	☐			74.45		P	14.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	980.64	0.0001	P	9.9
2	☐	1.000	0.927	15003.46	0.0010	P	3.1
3	☐	50.000	49.942	739010.88	0.0518	P	1.3
4	☐	125.000	125.813	1856295.79	0.1304	P	1.2
5	☐	250.000	250.952	3599593.83	0.2600	P	0.5
6	☐	500.000	501.205	7069787.40	0.5192	A	0.7
7	☐	1000.000	999.061	13675123.57	1.0350	A	0.4
8	☐			17242.37	0.0015	P	1.6

$$y = 0.0010 * x + 6.7789E-005$$

$$R = 1.0000$$

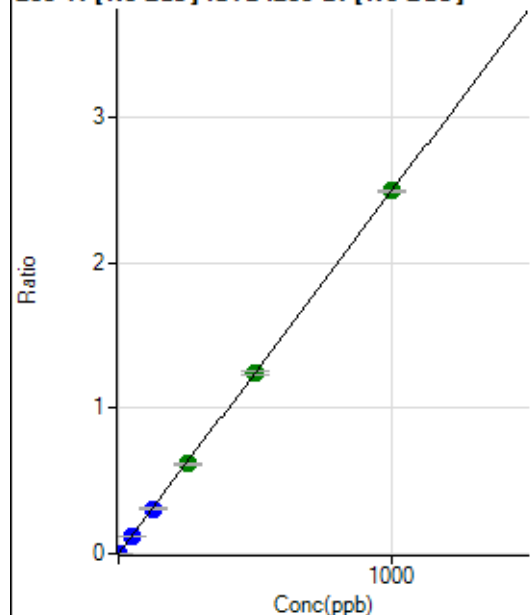
$$DL = 0.01944$$

$$BEC = 0.06544$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1905.78	0.0001	P	7.9
2	☐	1.000	0.939	36066.37	0.0025	P	3.0
3	☐	50.000	50.051	1780681.12	0.1248	P	1.0
4	☐	125.000	124.412	4413883.13	0.3101	P	1.5
5	☐	250.000	247.106	8523179.97	0.6157	A	1.0
6	☐	500.000	499.784	16952651.42	1.2451	A	1.6
7	☐	1000.000	1000.902	32947027.82	2.4935	A	0.3
8	☐			40947.45	0.0037	P	0.8

$$y = 0.0025 * x + 1.3173E-004$$

$$R = 1.0000$$

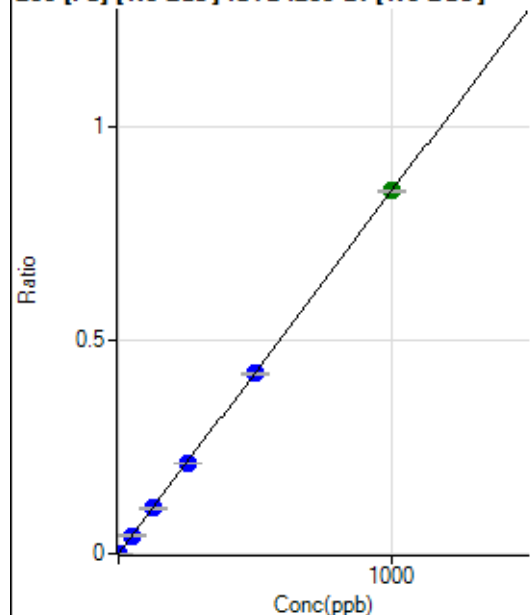
$$DL = 0.01251$$

$$BEC = 0.05288$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1826.10	0.0001	P	3.4
2	☐	1.000	0.953	13649.93	0.0009	P	0.2
3	☐	50.000	50.088	608275.66	0.0426	P	1.1
4	☐	125.000	125.144	1513796.81	0.1063	P	1.2
5	☐	250.000	249.597	2934098.82	0.2120	P	1.0
6	☐	500.000	498.323	5759820.73	0.4230	P	1.1
7	☐	1000.000	1000.917	11225612.63	0.8496	A	0.4
8	☐			50079.76	0.0045	P	2.2

$$y = 8.4868E-004 * x + 1.2623E-004$$

$$R = 1.0000$$

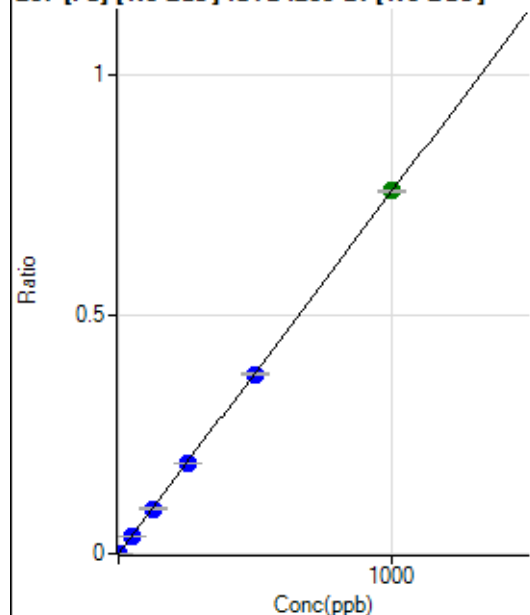
$$DL = 0.01515$$

$$BEC = 0.1487$$

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	1672.38	0.0001	P	10.9
2	☐	1.000	0.956	12242.98	0.0008	P	2.8
3	☐	50.000	50.134	542723.24	0.0380	P	0.8
4	☐	125.000	124.694	1344399.18	0.0944	P	1.8
5	☐	250.000	249.427	2613478.01	0.1888	P	0.9
6	☐	500.000	494.744	5097059.49	0.3744	P	1.1
7	☐	1000.000	1002.803	10024440.27	0.7587	A	0.4
8	☐			45217.90	0.0040	P	0.3

$$y = 7.5644\text{E-}004 * x + 1.1557\text{E-}004$$

$$R = 1.0000$$

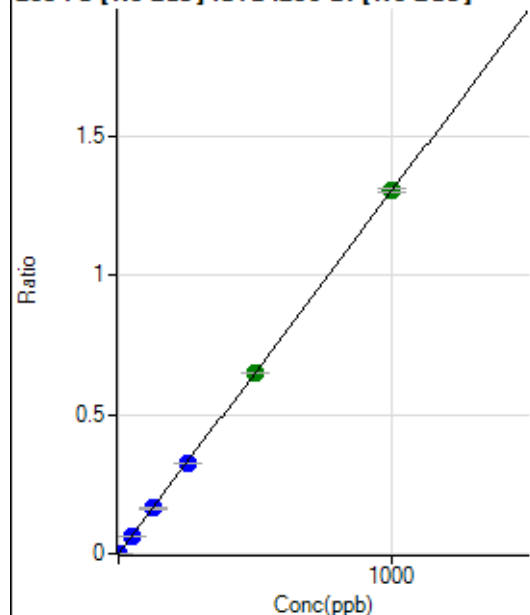
$$DL = 0.04991$$

$$BEC = 0.1528$$

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	1950.32	0.0001	P	13.7
2	☐	1.000	0.963	20289.92	0.0014	P	2.9
3	☐	50.000	49.720	926530.31	0.0649	P	0.5
4	☐	125.000	124.702	2315889.54	0.1627	P	1.5
5	☐	250.000	250.168	4516134.32	0.3262	P	0.1
6	☐	500.000	497.928	8838872.65	0.6492	A	0.7
7	☐	1000.000	1001.045	17241942.45	1.3049	A	1.2
8	☐			79125.74	0.0071	P	1.4

$$y = 0.0013 * x + 1.3477\text{E-}004$$

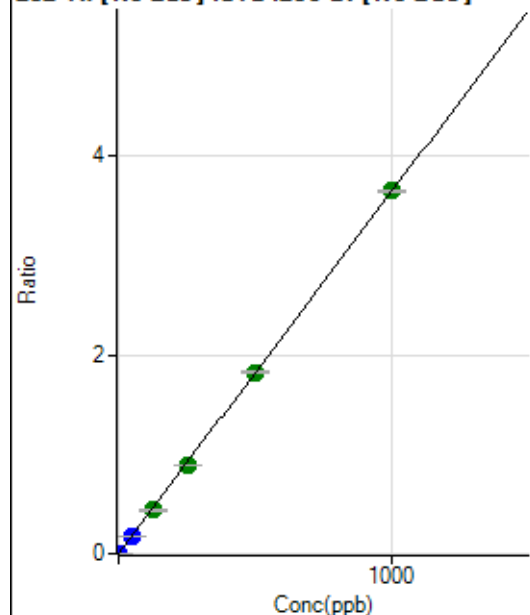
$$R = 1.0000$$

$$DL = 0.04264$$

$$BEC = 0.1034$$

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	2300.27	0.0002	P	0.9
2	☐	1.000	0.645	36614.86	0.0025	P	4.8
3	☐	50.000	47.086	2450193.77	0.1717	P	0.2
4	☐	125.000	119.905	6222223.52	0.4371	A	1.4
5	☐	250.000	244.661	12343953.86	0.8917	A	0.5
6	☐	500.000	499.935	24804511.66	1.8218	A	1.1
7	☐	1000.000	1002.150	48252020.99	3.6518	A	0.3
8	☐			11874.22	0.0011	P	4.6

$$y = 0.0036 * x + 1.5900E-004$$

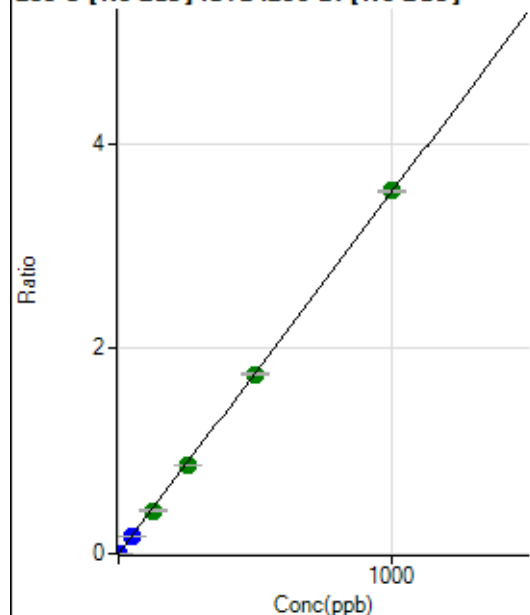
$$R = 1.0000$$

$$DL = 0.001132$$

$$BEC = 0.04363$$

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	2844.88	0.0002	P	6.3
2	☐	1.000	0.903	49311.65	0.0034	P	3.3
3	☐	50.000	47.941	2413357.41	0.1691	P	0.2
4	☐	125.000	119.595	6002797.62	0.4217	A	1.4
5	☐	250.000	244.779	11944651.48	0.8628	A	0.6
6	☐	500.000	496.374	23819636.30	1.7495	A	0.9
7	☐	1000.000	1003.897	46749944.45	3.5381	A	0.8
8	☐			48921.23	0.0044	P	1.0

$$y = 0.0035 * x + 1.9665E-004$$

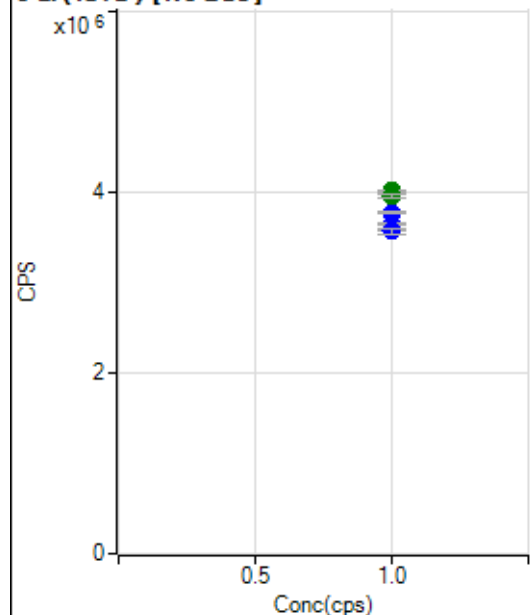
$$R = 1.0000$$

$$DL = 0.01059$$

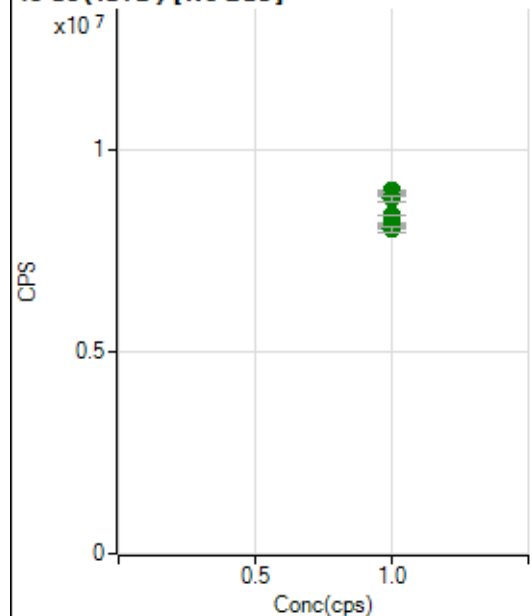
$$BEC = 0.0558$$

Weight: <None>

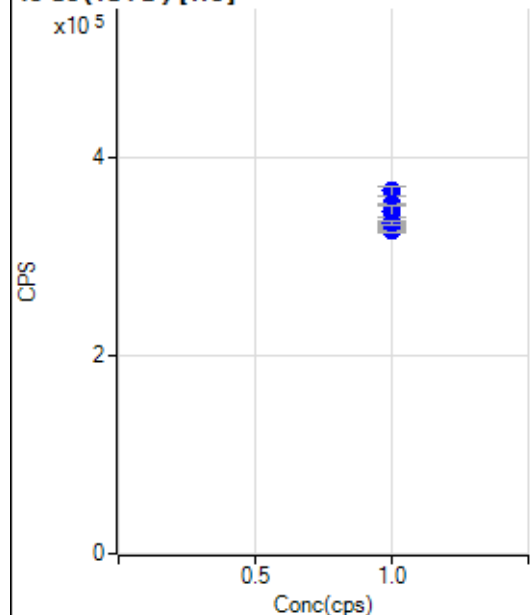
Min Conc: 0

6 Li (ISTD) [No Gas]

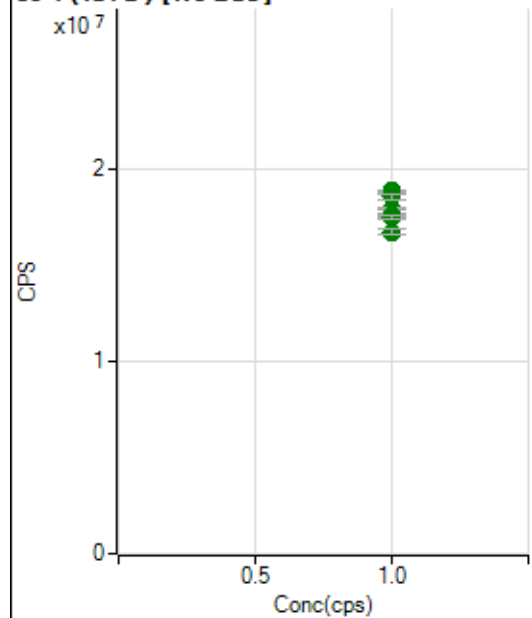
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3992636.16		A	0.2
2	☐	1.000		4020308.37		A	0.3
3	☐	1.000		4015265.98		A	0.6
4	☐	1.000		3958346.36		A	0.9
5	☐	1.000		3777761.13		P	0.4
6	☐	1.000		3647251.33		P	0.6
7	☐	1.000		3588495.95		P	1.0
8	☐	1.000		3572042.69		P	2.1

45 Sc (ISTD) [No Gas]

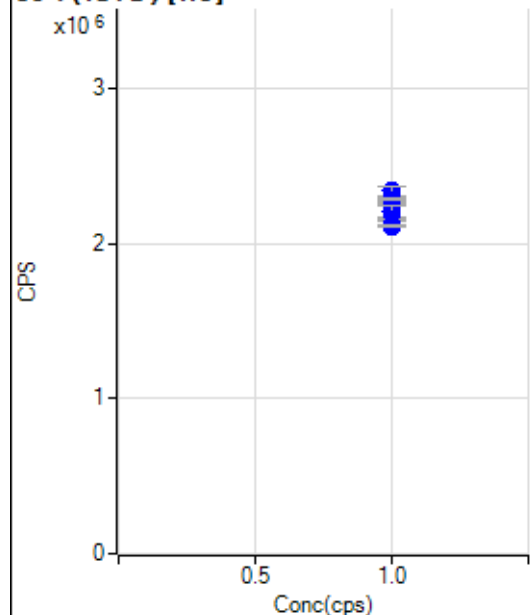
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8998197.08		A	0.6
2	☐	1.000		8976880.49		A	0.6
3	☐	1.000		8940063.48		A	0.5
4	☐	1.000		8805272.59		A	1.9
5	☐	1.000		8393131.35		A	0.2
6	☐	1.000		8167957.47		A	1.2
7	☐	1.000		8115230.39		A	1.0
8	☐	1.000		8041454.44		A	1.3

45 Sc (ISTD) [He]

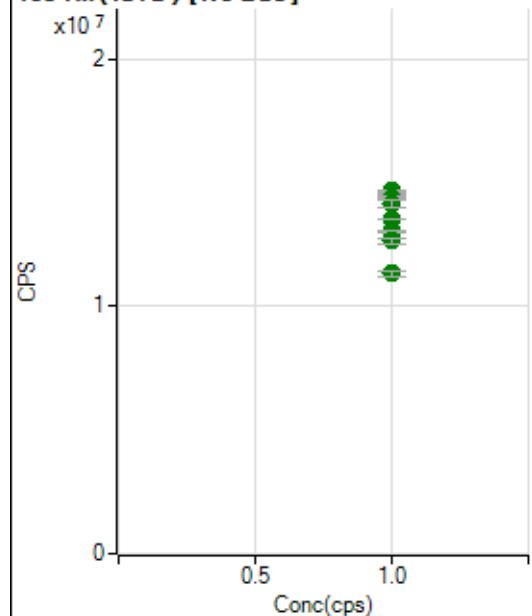
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		365668.86		P	2.6
2	☐	1.000		351885.30		P	0.1
3	☐	1.000		353253.79		P	0.1
4	☐	1.000		344222.85		P	3.3
5	☐	1.000		332044.02		P	0.7
6	☐	1.000		328014.08		P	0.7
7	☐	1.000		325224.72		P	0.6
8	☐	1.000		333773.11		P	1.0

89 Y (ISTD) [No Gas]

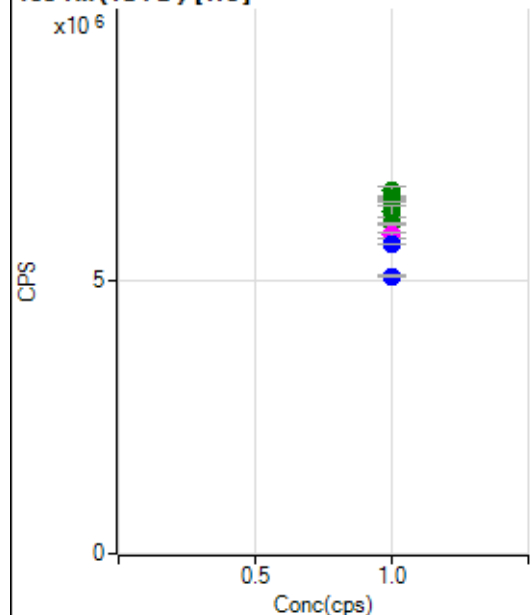
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18822767.50		A	0.5
2	☐	1.000		18906371.11		A	0.5
3	☐	1.000		18762216.81		A	0.4
4	☐	1.000		18591407.36		A	1.2
5	☐	1.000		17967295.01		A	0.6
6	☐	1.000		17646759.74		A	0.7
7	☐	1.000		17514540.30		A	1.2
8	☐	1.000		16748766.97		A	1.8

89 Y(ISTD) [He]

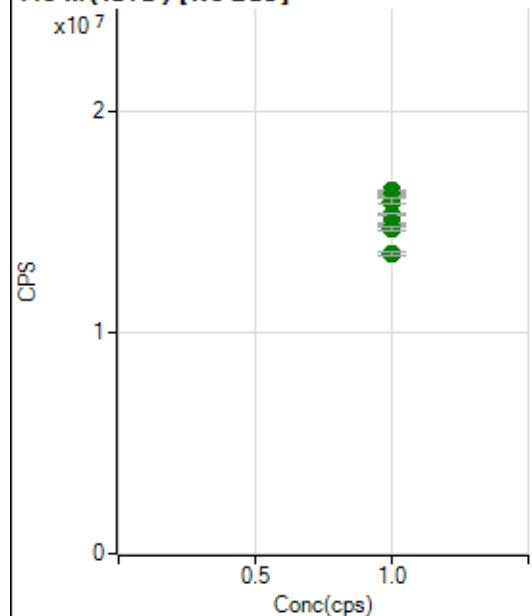
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2337073.56		P	2.4
2	☐	1.000		2261451.34		P	0.2
3	☐	1.000		2283118.37		P	0.4
4	☐	1.000		2206096.34		P	3.5
5	☐	1.000		2152462.92		P	0.7
6	☐	1.000		2121516.81		P	1.4
7	☐	1.000		2117899.90		P	0.2
8	☐	1.000		2109479.62		P	0.3

103 Rh(ISTD) [No Gas]

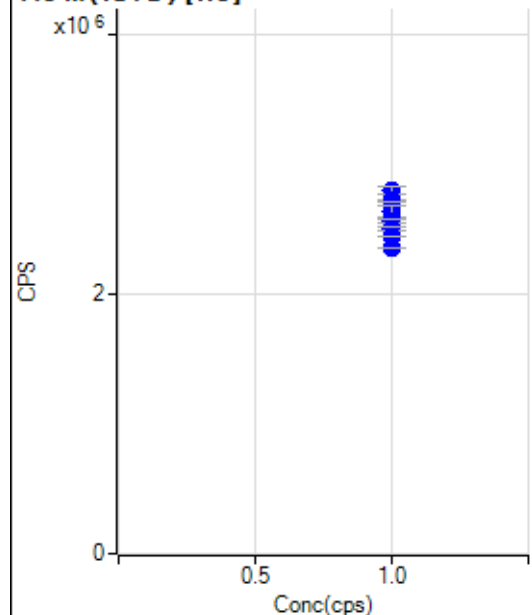
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14579301.02		A	0.5
2	☐	1.000		14656230.88		A	0.4
3	☐	1.000		14389558.83		A	0.7
4	☐	1.000		14115654.48		A	2.1
5	☐	1.000		13497272.18		A	0.2
6	☐	1.000		13021100.90		A	0.5
7	☐	1.000		12638485.26		A	1.5
8	☐	1.000		11308012.67		A	1.7

103 Rh (ISTD) [He]

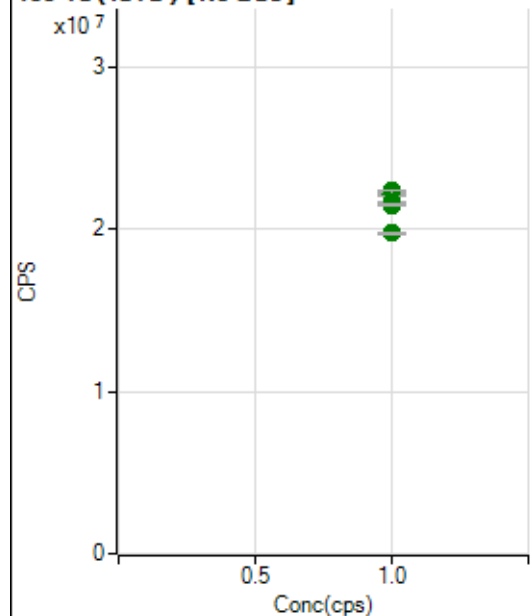
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6644315.53		A	2.6
2	☐	1.000		6505363.03		A	0.3
3	☐	1.000		6450326.43		A	0.3
4	☐	1.000		6265575.18		A	3.7
5	☐	1.000		6041400.95		A	1.0
6	☐	1.000		5839819.77		M	1.8
7	☐	1.000		5668381.79		P	0.2
8	☐	1.000		5078514.06		P	0.7

115 In (ISTD) [No Gas]

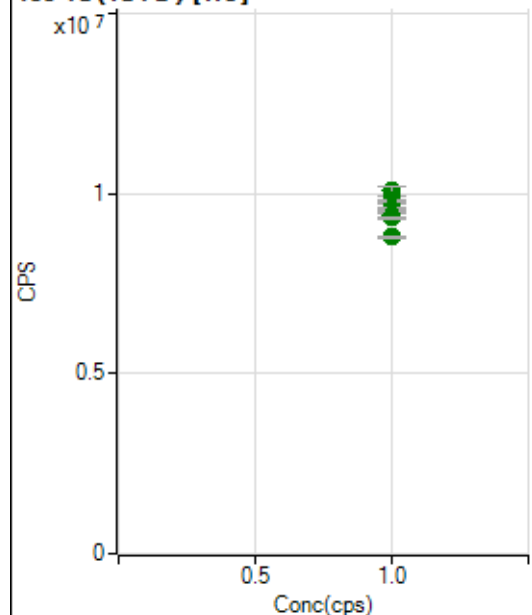
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16204886.30		A	0.6
2	☐	1.000		16439304.18		A	0.4
3	☐	1.000		16184948.97		A	0.8
4	☐	1.000		15974588.56		A	1.7
5	☐	1.000		15359030.98		A	0.3
6	☐	1.000		14961594.52		A	0.8
7	☐	1.000		14729931.28		A	1.3
8	☐	1.000		13596026.62		A	1.2

115 In (ISTD) [He]

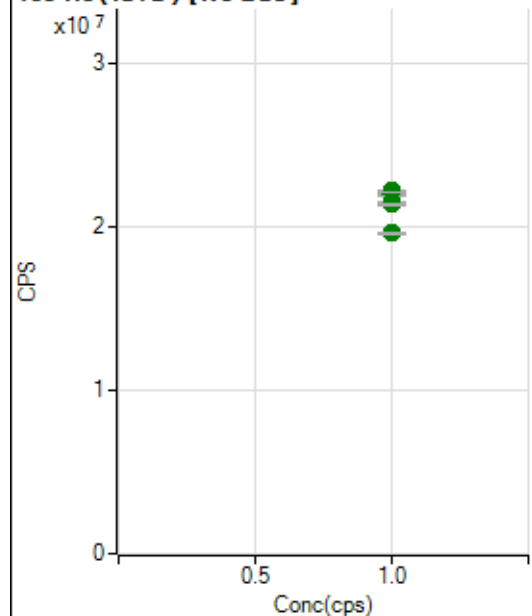
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2795419.46		P	2.2
2	☐	1.000		2723385.43		P	0.1
3	☐	1.000		2710930.48		P	0.4
4	☐	1.000		2633479.18		P	3.2
5	☐	1.000		2561595.37		P	1.0
6	☐	1.000		2497537.52		P	1.2
7	☐	1.000		2443672.35		P	0.4
8	☐	1.000		2352973.21		P	0.1

159 Tb (ISTD) [No Gas]

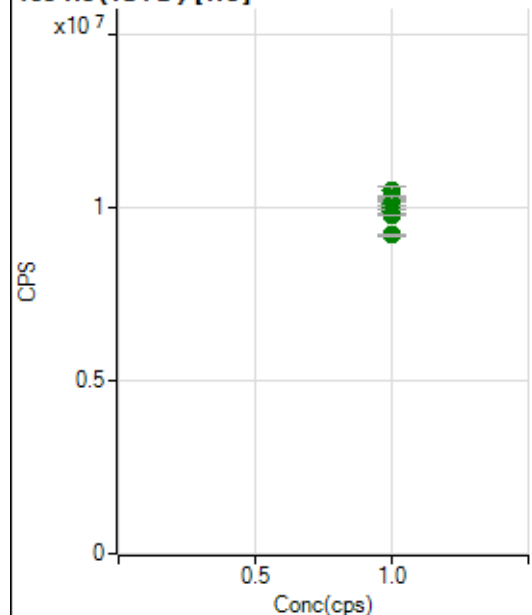
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22249828.84		A	0.4
2	☐	1.000		22352711.61		A	0.4
3	☐	1.000		22212896.61		A	0.3
4	☐	1.000		22201476.89		A	1.6
5	☐	1.000		21654363.29		A	0.4
6	☐	1.000		21520276.90		A	0.5
7	☐	1.000		21461200.23		A	0.6
8	☐	1.000		19727711.79		A	1.1

159 Tb (ISTD) [He]

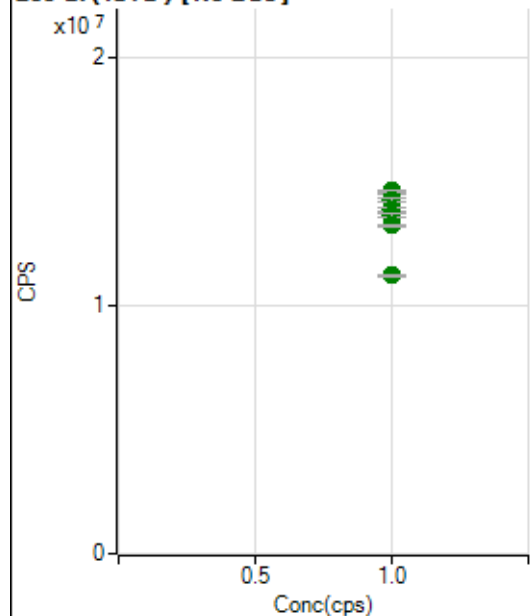
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10083224.08		A	3.0
2	☐	1.000		9765473.12		A	0.4
3	☐	1.000		9812921.38		A	0.2
4	☐	1.000		9635697.42		A	3.6
5	☐	1.000		9585391.59		A	0.5
6	☐	1.000		9432840.90		A	1.4
7	☐	1.000		9337209.93		A	0.6
8	☐	1.000		8799588.34		A	0.3

165 Ho (ISTD) [No Gas]

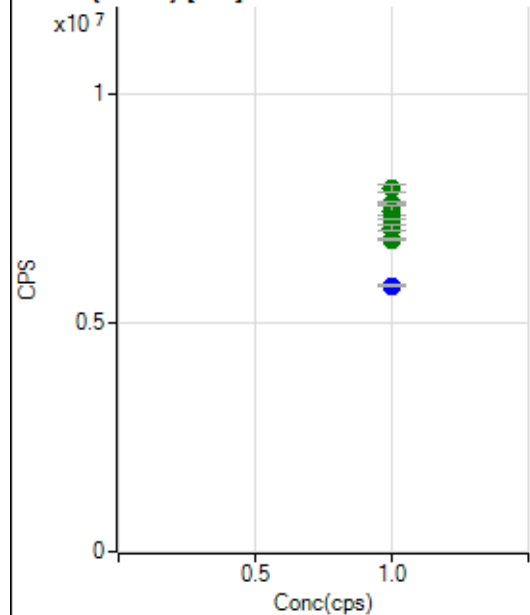
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22048048.06		A	0.9
2	☐	1.000		22153811.61		A	0.2
3	☐	1.000		21872660.39		A	0.4
4	☐	1.000		21972472.89		A	1.4
5	☐	1.000		21459091.28		A	0.8
6	☐	1.000		21402130.69		A	0.7
7	☐	1.000		21331078.43		A	0.9
8	☐	1.000		19576123.87		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10465831.86		A	2.4
2	☐	1.000		10153839.85		A	0.1
3	☐	1.000		10248152.90		A	0.5
4	☐	1.000		10117116.10		A	3.4
5	☐	1.000		9975164.99		A	0.8
6	☐	1.000		9875616.17		A	1.4
7	☐	1.000		9767797.14		A	0.0
8	☐	1.000		9181608.13		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14467117.98		A	0.3
2	☐	1.000		14598233.40		A	0.9
3	☐	1.000		14267576.04		A	1.0
4	☐	1.000		14237734.65		A	1.3
5	☐	1.000		13844003.13		A	1.0
6	☐	1.000		13616120.49		A	1.1
7	☐	1.000		13213215.64		A	0.5
8	☐	1.000		11207989.69		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7915452.94		A	2.3
2	☐	1.000		7587868.01		A	0.2
3	☐	1.000		7599694.19		A	0.5
4	☐	1.000		7442171.90		A	3.2
5	☐	1.000		7256908.29		A	0.4
6	☐	1.000		7064672.74		A	1.9
7	☐	1.000		6816594.48		A	0.3
8	☐	1.000		5802816.03		P	0.3

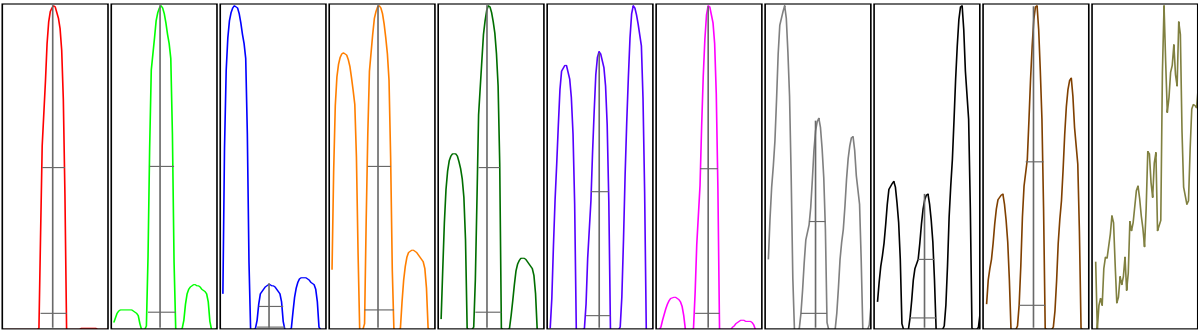
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7121819MS3.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	14353	0.77	5.00	
24	1309552	0.43	5.00	
25	182757	0.60	5.00	
26	210844	0.64	5.00	
59	130615	0.51	5.00	
113	18875	0.77	5.00	
115	221077	0.96	5.00	
206	55670	0.86	5.00	
207	51179	0.66	5.00	
208	120619	0.46	5.00	
220	111	1.82		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	14321	14291	14243	14530	14379
24	1308516	1315529	1301748	1314333	1307633
25	181994	183657	181376	184010	182749
26	209677	211285	209434	212748	211077
59	130077	130953	129898	131559	130585
113	18701	18939	18757	18923	19058
115	218127	222352	220404	223758	220741
206	55029	56050	55285	56044	55943
207	50835	51466	50983	51610	50999
208	119707	121043	120631	121104	120611
220	111	111	108	111	113

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	23030	8.95	8.9 - 9.1		0.786	0.900	
24	2043703	23.90	23.9 - 24.1		0.826	0.900	
25	280455	24.90	24.9 - 25.1		0.824	0.900	
26	328440	25.90	25.9 - 26.1		0.828	0.900	
59	216872	58.90	58.9 - 59.1		0.779	0.900	
113	36435	113.00	112.9 - 113.1		0.719	0.900	
115	430922	115.00	114.9 - 115.1		0.724	0.900	
206	112356	205.95	205.9 - 206.1		0.745	0.900	
207	103646	206.95	206.9 - 207.1		0.739	0.900	
208	248540	207.95	207.9 - 208.1		0.740	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	7.1	V	Deflect	13.4	V
Extract 2	-120.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-55	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	32047	0.60	
89	445606	0.62	
205	45813	0.49	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	32109	31918	32165	31787	32256
89	445827	442057	446117	444427	449604
205	45681	46041	45754	45540	46050

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.2	V	Deflect	1.6	V
Extract 2	-115.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-55	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:44:37	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	0.02	0.11	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.02	-0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.01	-0.06	0.05	0.00	N/A	ppb
Boron	10-1	0.08	-0.03	-0.05	0.00	N/A	ppb
Cadmium	106-1	-0.23	-0.15	0.38	0.00	N/A	ppb
Cadmium	108-1	0.01	0.01	-0.02	0.00	N/A	ppb
Cadmium	111-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Calcium	43-1	0.43	-0.26	-0.17	0.00	N/A	ppb
Calcium	44-1	-0.18	0.22	-0.05	0.00	N/A	ppb
Chromium	52-2	0.01	-0.02	0.00	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						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	-0.03	-0.09	0.12	0.00	N/A	ppb
Iron	57-2	0.29	-0.59	0.30	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lead	208-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.11	0.06	0.05	0.00	N/A	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:44:37	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-28.32	-28.74	-32.43	-29.83		ppb
Potassium	39-2	-1.24	0.26	0.98	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.11	-0.11	0.23	0.00	N/A	ppb
Selenium	78-2	0.12	-0.29	0.17	0.00	N/A	ppb
Selenium	82-1	0.15	-0.05	-0.10	0.00	N/A	ppb
Silicon	28-1	-0.15	-0.02	0.17	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	-0.10	-0.84	0.94	0.00	N/A	ppb
Strontium	86-1	0.04	-0.01	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-20.10	-156.50	-67.88	-81.50		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.04	0.02	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:44:37	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.09	-0.03	-0.05	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 :	LB106840	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:48:14	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.28	20.95	18.21	20.48	10.15	ppb
Antimony	121-1	2.04	2.03	1.91	1.99	3.71	ppb
Arsenic	75-1	0.92	0.82	0.81	0.85	6.96	ppb
Barium	135-1	10.33	10.20	10.17	10.23	0.81	ppb
Barium	137-1	10.39	10.39	10.46	10.41	0.40	ppb
Beryllium	9-1	1.05	1.06	1.04	1.05	1.01	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	11-1	24.37	24.91	24.83	24.70	1.18	ppb
Boron	10-1	25.03	24.75	24.62	24.80	0.84	ppb
Cadmium	106-1	1.01	1.59	0.41	1.00	58.69	ppb
Cadmium	108-1	0.95	1.30	0.83	1.03	23.94	ppb
Cadmium	111-1	1.00	1.09	1.04	1.04	4.28	ppb
Calcium	43-1	483.43	484.78	495.15	487.79	1.31	ppb
Calcium	44-1	492.43	494.06	493.90	493.46	0.18	ppb
Chromium	52-2	2.07	1.95	1.86	1.96	5.13	ppb
Cobalt	59-2	0.98	0.99	0.97	0.98	0.87	ppb
Copper	63-2	2.09	2.08	1.99	2.05	2.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	57.20	54.79	51.10	54.37	5.65	ppb
Iron	57-2	56.95	53.25	59.24	56.48	5.35	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.95	0.95	0.95	0.21	ppb
Lead	207-1	0.99	0.95	0.93	0.96	3.27	ppb
Lead	208-1	1.00	0.95	0.94	0.96	3.20	ppb
Lithium	6-1				101		%
Magnesium	24-2	534.09	528.69	496.60	519.79	3.90	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:48:14	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	1.03	0.95	1.02	6.09	ppb
Molybdenum	94-1	4.92	4.72	4.78	4.81	2.10	ppb
Molybdenum	95-1	5.10	5.16	5.14	5.14	0.60	ppb
Molybdenum	96-1	5.21	5.06	5.16	5.14	1.49	ppb
Molybdenum	97-1	5.37	5.55	5.23	5.38	3.00	ppb
Molybdenum	98-1	5.15	5.11	5.23	5.17	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	0.99	0.97	1.02	8.03	ppb
Phosphorus	31-2	40.98	25.76	22.76	29.83	32.76	ppb
Potassium	39-2	513.28	502.50	497.00	504.26	1.64	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	4.02	3.34	5.77	4.38	28.62	ppb
Selenium	78-2	5.64	5.43	4.93	5.33	6.83	ppb
Selenium	82-1	5.71	5.91	6.07	5.90	3.08	ppb
Silicon	28-1	9.70	9.55	9.89	9.71	1.78	ppb
Silver	109-1	1.18	1.17	1.21	1.18	1.63	ppb
Silver	107-1	1.20	1.15	1.19	1.18	2.35	ppb
Sodium	23-2	514.27	505.98	497.93	506.06	1.61	ppb
Strontium	86-1	0.97	1.03	1.03	1.01	3.20	ppb
Strontium	88-1	1.02	0.99	0.98	1.00	1.92	ppb
Sulfur	34-1	123.36	53.65	67.47	81.50	45.29	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.96	0.91	0.91	0.93	3.28	ppb
Thallium	205-1	0.96	0.90	0.96	0.94	3.13	ppb
Thorium	232-1	0.68	0.64	0.61	0.64	5.12	ppb
Tin	118-1	5.19	5.18	5.12	5.16	0.76	ppb
Titanium	47-1	5.13	5.21	5.28	5.21	1.50	ppb
Uranium	238-1	0.94	0.88	0.89	0.90	3.46	ppb
Vanadium	51-2	5.27	5.00	4.81	5.03	4.65	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:48:14	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.40	2.38	2.53	2.44	3.41	ppb
Zirconium	90-1	0.77	0.77	0.71	0.75	4.29	ppb
Zirconium	91-1	0.77	0.72	0.79	0.76	4.68	ppb

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 14:53:07 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1024.99	1040.79	996.31	1020.70	2.21	ppb
Antimony	121-1	51.60	51.16	51.77	51.51	0.62	ppb
Arsenic	75-1	52.46	54.40	54.42	53.76	2.09	ppb
Barium	135-1	259.64	257.73	261.56	259.65	0.74	ppb
Barium	137-1	263.26	263.03	263.82	263.37	0.15	ppb
Beryllium	9-1	52.47	52.21	51.76	52.15	0.69	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	11-1	49.08	50.88	51.97	50.64	2.88	ppb
Boron	10-1	51.91	51.85	51.82	51.86	0.09	ppb
Cadmium	106-1	53.19	52.19	53.02	52.80	1.02	ppb
Cadmium	108-1	53.13	53.10	53.94	53.39	0.90	ppb
Cadmium	111-1	52.80	53.11	52.66	52.85	0.43	ppb
Calcium	43-1	5090.59	5162.82	5149.06	5134.16	0.75	ppb
Calcium	44-1	5176.02	5140.35	5163.67	5160.01	0.35	ppb
Chromium	52-2	52.20	52.86	51.72	52.26	1.10	ppb
Cobalt	59-2	54.37	54.03	53.12	53.84	1.20	ppb
Copper	63-2	106.79	105.76	105.69	106.08	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	2776.24	2800.61	2750.81	2775.89	0.90	ppb
Iron	57-2	2816.46	2888.47	2805.33	2836.75	1.59	ppb
Krypton	83-1						cps
Lead	206-1	49.56	50.70	50.01	50.09	1.15	ppb
Lead	207-1	49.68	50.45	50.28	50.13	0.81	ppb
Lead	208-1	49.84	49.88	49.43	49.72	0.50	ppb
Lithium	6-1				101		%
Magnesium	24-2	5413.02	5424.48	5338.92	5392.14	0.86	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:53:07	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.15	104.82	103.49	104.15	0.64	ppb
Molybdenum	94-1	253.00	253.48	254.90	253.79	0.39	ppb
Molybdenum	95-1	251.02	252.17	255.42	252.87	0.90	ppb
Molybdenum	96-1	252.32	254.22	256.69	254.41	0.86	ppb
Molybdenum	97-1	252.22	256.18	255.05	254.48	0.80	ppb
Molybdenum	98-1	251.90	254.60	254.65	253.72	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.37	55.04	54.27	54.89	1.03	ppb
Phosphorus	31-2	975.39	1039.94	1056.06	1023.79	4.17	ppb
Potassium	39-2	2633.57	2651.24	2594.30	2626.37	1.11	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	61.42	51.70	49.48	54.20	11.71	ppb
Selenium	78-2	54.31	55.24	54.15	54.57	1.08	ppb
Selenium	82-1	54.20	55.52	54.82	54.85	1.20	ppb
Silicon	28-1	56.15	57.02	56.81	56.66	0.80	ppb
Silver	109-1	53.50	53.93	54.29	53.91	0.74	ppb
Silver	107-1	53.15	54.20	54.04	53.80	1.06	ppb
Sodium	23-2	5276.92	5304.83	5289.48	5290.41	0.26	ppb
Strontium	86-1	51.01	51.50	50.85	51.12	0.67	ppb
Strontium	88-1	50.54	51.38	51.48	51.13	1.01	ppb
Sulfur	34-1	1061.30	1092.63	960.00	1037.98	6.68	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	49.98	50.57	49.28	49.94	1.29	ppb
Thallium	205-1	50.14	50.51	49.50	50.05	1.02	ppb
Thorium	232-1	47.15	47.13	46.97	47.09	0.21	ppb
Tin	118-1	52.28	52.32	52.47	52.36	0.20	ppb
Titanium	47-1	251.81	251.94	254.69	252.82	0.64	ppb
Uranium	238-1	47.86	47.90	48.06	47.94	0.22	ppb
Vanadium	51-2	51.81	52.27	51.58	51.89	0.68	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:53:07	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	107.76	106.85	107.34	107.32	0.42	ppb
Zirconium	90-1	49.94	50.31	49.96	50.07	0.42	ppb
Zirconium	91-1	50.62	49.80	50.52	50.31	0.89	ppb

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 14:57:17 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2560.48	2506.12	2662.03	2576.21	3.07	ppb
Antimony	121-1	128.44	129.27	132.16	129.96	1.50	ppb
Arsenic	75-1	132.17	132.89	133.72	132.92	0.58	ppb
Barium	135-1	647.56	651.53	660.02	653.04	0.98	ppb
Barium	137-1	647.40	646.15	665.20	652.92	1.63	ppb
Beryllium	9-1	131.88	130.80	133.08	131.92	0.86	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	11-1	123.44	123.87	127.74	125.02	1.89	ppb
Boron	10-1	123.84	126.80	128.61	126.42	1.90	ppb
Cadmium	106-1	132.85	130.05	133.89	132.26	1.50	ppb
Cadmium	108-1	129.39	131.76	130.38	130.51	0.91	ppb
Cadmium	111-1	130.35	130.60	133.68	131.55	1.41	ppb
Calcium	43-1	12959.21	12680.84	13201.45	12947.16	2.01	ppb
Calcium	44-1	12787.59	12715.13	13030.26	12844.33	1.28	ppb
Chromium	52-2	128.77	126.30	135.52	130.20	3.66	ppb
Cobalt	59-2	132.29	127.93	137.79	132.67	3.73	ppb
Copper	63-2	257.82	251.04	270.08	259.65	3.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	6901.76	6738.67	7271.41	6970.61	3.92	ppb
Iron	57-2	7013.78	6775.62	7330.50	7039.97	3.95	ppb
Krypton	83-1						cps
Lead	206-1	124.38	124.20	126.86	125.14	1.19	ppb
Lead	207-1	123.40	123.39	127.29	124.69	1.80	ppb
Lead	208-1	123.60	123.66	126.84	124.70	1.49	ppb
Lithium	6-1				99		%
Magnesium	24-2	13222.61	12924.66	13891.21	13346.16	3.71	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:57:17	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	257.60	251.43	272.15	260.39	4.09	ppb
Molybdenum	94-1	640.89	636.83	640.15	639.29	0.34	ppb
Molybdenum	95-1	635.09	633.08	641.26	636.48	0.67	ppb
Molybdenum	96-1	632.14	636.86	642.05	637.02	0.78	ppb
Molybdenum	97-1	632.76	636.69	646.69	638.71	1.12	ppb
Molybdenum	98-1	633.30	629.83	637.98	633.70	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.92	129.92	140.76	134.53	4.16	ppb
Phosphorus	31-2	2506.43	2589.63	2754.49	2616.85	4.82	ppb
Potassium	39-2	6431.60	6249.17	6800.14	6493.64	4.32	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	138.30	140.79	138.81	139.30	0.95	ppb
Selenium	78-2	131.77	132.92	147.33	137.34	6.31	ppb
Selenium	82-1	133.30	135.01	137.55	135.29	1.58	ppb
Silicon	28-1	140.05	141.18	146.77	142.67	2.52	ppb
Silver	109-1	130.18	130.41	133.55	131.38	1.43	ppb
Silver	107-1	129.88	130.14	133.21	131.08	1.41	ppb
Sodium	23-2	12947.51	12696.80	13652.67	13098.99	3.78	ppb
Strontium	86-1	126.90	129.05	129.45	128.47	1.07	ppb
Strontium	88-1	127.07	127.39	129.61	128.03	1.08	ppb
Sulfur	34-1	2580.58	2470.09	2640.89	2563.85	3.38	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	125.83	124.23	127.38	125.81	1.25	ppb
Thallium	205-1	124.12	122.67	126.44	124.41	1.53	ppb
Thorium	232-1	120.26	118.13	121.33	119.91	1.35	ppb
Tin	118-1	129.84	129.60	132.51	130.65	1.24	ppb
Titanium	47-1	630.97	626.46	653.97	637.13	2.32	ppb
Uranium	238-1	119.58	117.87	121.33	119.60	1.44	ppb
Vanadium	51-2	127.57	125.66	134.88	129.37	3.76	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:57:17	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	262.95	256.67	274.32	264.65	3.38	ppb
Zirconium	90-1	127.04	126.32	129.04	127.46	1.10	ppb
Zirconium	91-1	126.80	127.27	128.15	127.41	0.54	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:01:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5062.14	5101.92	5084.55	5082.87	0.39	ppb
Antimony	121-1	256.91	258.43	258.30	257.88	0.33	ppb
Arsenic	75-1	265.03	260.20	258.01	261.08	1.38	ppb
Barium	135-1	1288.04	1284.92	1295.82	1289.59	0.44	ppb
Barium	137-1	1273.79	1283.49	1275.18	1277.49	0.41	ppb
Beryllium	9-1	257.91	257.61	261.35	258.96	0.80	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	11-1	247.31	249.62	258.08	251.67	2.25	ppb
Boron	10-1	243.81	244.92	262.07	250.27	4.09	ppb
Cadmium	106-1	247.26	254.39	260.78	254.14	2.66	ppb
Cadmium	108-1	253.77	257.60	257.84	256.40	0.89	ppb
Cadmium	111-1	257.04	257.76	258.43	257.74	0.27	ppb
Calcium	43-1	25895.87	25608.05	25711.93	25738.62	0.57	ppb
Calcium	44-1	25627.70	25480.05	25669.85	25592.53	0.39	ppb
Chromium	52-2	257.85	258.01	258.48	258.11	0.13	ppb
Cobalt	59-2	264.31	263.41	262.04	263.25	0.43	ppb
Copper	63-2	514.00	510.75	512.92	512.56	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	13900.44	13914.51	13842.47	13885.81	0.27	ppb
Iron	57-2	13940.00	14089.53	13987.55	14005.69	0.55	ppb
Krypton	83-1						cps
Lead	206-1	252.41	247.91	248.47	249.60	0.98	ppb
Lead	207-1	252.14	248.39	247.76	249.43	0.95	ppb
Lead	208-1	250.30	250.34	249.86	250.17	0.11	ppb
Lithium	6-1				95		%
Magnesium	24-2	26898.89	26664.92	26588.49	26717.43	0.61	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:01:08	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	516.69	517.12	517.67	517.16	0.09	ppb
Molybdenum	94-1	1257.48	1263.42	1258.25	1259.72	0.26	ppb
Molybdenum	95-1	1260.89	1268.74	1255.94	1261.86	0.51	ppb
Molybdenum	96-1	1268.44	1263.02	1254.13	1261.86	0.57	ppb
Molybdenum	97-1	1281.19	1262.64	1265.95	1269.93	0.78	ppb
Molybdenum	98-1	1267.61	1259.36	1255.72	1260.90	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	267.23	267.22	264.65	266.36	0.56	ppb
Phosphorus	31-2	5168.50	5198.77	5002.03	5123.10	2.07	ppb
Potassium	39-2	12799.26	12864.07	12963.75	12875.69	0.64	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	266.04	265.53	260.59	264.05	1.14	ppb
Selenium	78-2	266.72	263.18	267.44	265.78	0.86	ppb
Selenium	82-1	269.27	266.71	263.56	266.51	1.07	ppb
Silicon	28-1	280.21	284.24	285.65	283.37	1.00	ppb
Silver	109-1	253.97	258.44	255.99	256.13	0.88	ppb
Silver	107-1	254.85	259.53	255.95	256.77	0.95	ppb
Sodium	23-2	26338.30	26287.06	25938.29	26187.88	0.83	ppb
Strontium	86-1	257.57	254.99	256.50	256.35	0.50	ppb
Strontium	88-1	252.78	249.76	251.19	251.24	0.60	ppb
Sulfur	34-1	5086.98	4896.58	4971.87	4985.14	1.92	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	252.33	249.76	250.76	250.95	0.52	ppb
Thallium	205-1	249.86	245.06	246.39	247.11	1.00	ppb
Thorium	232-1	245.43	243.36	245.19	244.66	0.46	ppb
Tin	118-1	257.56	258.20	257.75	257.84	0.13	ppb
Titanium	47-1	1260.55	1273.33	1253.98	1262.62	0.78	ppb
Uranium	238-1	245.88	243.10	245.36	244.78	0.60	ppb
Vanadium	51-2	257.38	256.20	256.20	256.59	0.27	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:01:08	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	522.36	517.11	523.91	521.13	0.68	ppb
Zirconium	90-1	255.04	253.96	252.95	253.99	0.41	ppb
Zirconium	91-1	256.63	253.98	255.39	255.34	0.52	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:04:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9797.29	10017.14	10066.57	9960.33	1.44	ppb
Antimony	121-1	508.50	504.73	506.17	506.47	0.38	ppb
Arsenic	75-1	512.95	510.33	507.60	510.29	0.52	ppb
Barium	135-1	2511.49	2504.36	2549.33	2521.73	0.96	ppb
Barium	137-1	2541.21	2524.55	2541.53	2535.76	0.38	ppb
Beryllium	9-1	509.68	511.00	512.68	511.12	0.29	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Boron	11-1	497.19	509.68	505.88	504.25	1.27	ppb
Boron	10-1	498.33	509.84	500.73	502.97	1.21	ppb
Cadmium	106-1	502.16	489.85	498.93	496.98	1.28	ppb
Cadmium	108-1	496.65	498.45	497.09	497.40	0.19	ppb
Cadmium	111-1	499.18	490.40	497.94	495.84	0.96	ppb
Calcium	43-1	51277.85	51015.90	50690.40	50994.72	0.58	ppb
Calcium	44-1	51557.35	51485.27	50485.80	51176.14	1.17	ppb
Chromium	52-2	498.80	506.22	508.95	504.66	1.04	ppb
Cobalt	59-2	506.56	509.58	512.08	509.41	0.54	ppb
Copper	63-2	981.54	990.52	981.32	984.46	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	26779.32	27071.56	27065.36	26972.08	0.62	ppb
Iron	57-2	27223.21	27541.94	27578.13	27447.76	0.71	ppb
Krypton	83-1						cps
Lead	206-1	500.22	502.78	491.97	498.32	1.13	ppb
Lead	207-1	495.15	500.18	488.91	494.74	1.14	ppb
Lead	208-1	497.02	501.98	494.78	497.93	0.74	ppb
Lithium	6-1				91		%
Magnesium	24-2	52030.24	51806.24	52428.33	52088.27	0.60	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:04:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1004.07	1008.95	1015.63	1009.55	0.57	ppb
Molybdenum	94-1	2505.81	2510.42	2523.32	2513.19	0.36	ppb
Molybdenum	95-1	2510.97	2488.26	2510.04	2503.09	0.51	ppb
Molybdenum	96-1	2522.69	2489.71	2513.65	2508.68	0.68	ppb
Molybdenum	97-1	2520.35	2512.20	2509.42	2513.99	0.23	ppb
Molybdenum	98-1	2533.38	2507.06	2497.99	2512.81	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.92	513.19	509.80	509.64	0.71	ppb
Phosphorus	31-2	9944.88	10351.48	10221.51	10172.62	2.04	ppb
Potassium	39-2	24613.00	25120.92	25000.36	24911.42	1.07	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	519.02	523.27	516.21	519.50	0.68	ppb
Selenium	78-2	503.89	514.44	516.34	511.56	1.31	ppb
Selenium	82-1	518.13	513.97	515.86	515.99	0.40	ppb
Silicon	28-1	569.57	569.20	559.79	566.19	0.98	ppb
Silver	109-1	499.56	492.82	496.84	496.41	0.68	ppb
Silver	107-1	495.83	491.99	500.17	496.00	0.83	ppb
Sodium	23-2	50911.71	51523.93	51757.71	51397.78	0.85	ppb
Strontium	86-1	507.94	510.46	504.29	507.56	0.61	ppb
Strontium	88-1	504.08	506.26	499.25	503.20	0.71	ppb
Sulfur	34-1	10293.41	9881.77	9892.89	10022.69	2.34	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	503.70	502.44	497.47	501.20	0.66	ppb
Thallium	205-1	502.28	506.13	490.95	499.78	1.58	ppb
Thorium	232-1	504.14	501.84	493.82	499.93	1.08	ppb
Tin	118-1	509.56	506.68	507.08	507.77	0.31	ppb
Titanium	47-1	2566.94	2520.18	2490.49	2525.87	1.53	ppb
Uranium	238-1	500.97	495.79	492.36	496.37	0.87	ppb
Vanadium	51-2	499.44	504.54	508.40	504.13	0.89	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:04:57	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	989.47	1002.91	1009.86	1000.74	1.04	ppb
Zirconium	90-1	500.86	503.26	498.39	500.84	0.49	ppb
Zirconium	91-1	505.17	505.63	502.42	504.41	0.34	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:08:45	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19625.30	19689.61	19816.10	19710.34	0.49	ppb
Antimony	121-1	994.49	990.68	997.13	994.10	0.33	ppb
Arsenic	75-1	999.90	995.70	977.11	990.90	1.22	ppb
Barium	135-1	4984.16	4953.42	4988.16	4975.25	0.38	ppb
Barium	137-1	4978.63	4981.66	4952.98	4971.09	0.32	ppb
Beryllium	9-1	996.92	990.10	986.66	991.23	0.53	ppb
Bismuth	209-1				91		%
Bismuth	209-2				86		%
Boron	11-1	982.96	1009.56	999.76	997.43	1.35	ppb
Boron	10-1	988.77	1018.41	987.37	998.18	1.76	ppb
Cadmium	106-1	1013.16	1001.16	983.96	999.43	1.47	ppb
Cadmium	108-1	1009.80	997.22	989.50	998.84	1.03	ppb
Cadmium	111-1	1001.40	999.40	996.75	999.18	0.23	ppb
Calcium	43-1	101213.18	101634.55	99878.69	100908.80	0.91	ppb
Calcium	44-1	101401.83	101537.21	100073.92	101004.32	0.80	ppb
Chromium	52-2	991.28	994.13	999.23	994.88	0.41	ppb
Cobalt	59-2	984.13	992.12	996.25	990.83	0.62	ppb
Copper	63-2	2010.62	1989.27	2009.47	2003.12	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	53267.44	52786.44	53290.71	53114.86	0.54	ppb
Iron	57-2	53893.75	53583.52	54167.08	53881.45	0.54	ppb
Krypton	83-1						cps
Lead	206-1	998.65	1005.58	998.52	1000.92	0.40	ppb
Lead	207-1	1007.83	999.55	1001.03	1002.80	0.44	ppb
Lead	208-1	1013.91	999.93	989.30	1001.05	1.23	ppb
Lithium	6-1				90		%
Magnesium	24-2	102666.98	102260.02	103168.23	102698.41	0.44	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:08:45	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1988.23	1983.01	1997.04	1989.43	0.36	ppb
Molybdenum	94-1	5037.92	4995.67	4933.41	4989.00	1.05	ppb
Molybdenum	95-1	5060.70	4987.74	4933.30	4993.91	1.28	ppb
Molybdenum	96-1	5042.32	4989.97	4940.62	4990.97	1.02	ppb
Molybdenum	97-1	5025.37	4986.86	4946.03	4986.08	0.80	ppb
Molybdenum	98-1	5059.22	4959.15	4950.42	4989.60	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	985.63	989.52	993.82	989.65	0.41	ppb
Phosphorus	31-2	19811.39	20111.80	19678.17	19867.12	1.12	ppb
Potassium	39-2	49859.98	49366.08	49634.08	49620.05	0.50	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	77-2	992.97	996.31	964.95	984.74	1.75	ppb
Selenium	78-2	984.35	982.04	999.13	988.50	0.94	ppb
Selenium	82-1	990.97	991.00	977.07	986.35	0.81	ppb
Silicon	28-1	957.88	964.34	945.86	956.03	0.98	ppb
Silver	109-1	1004.13	995.68	998.01	999.27	0.44	ppb
Silver	107-1	1008.03	998.27	991.78	999.36	0.82	ppb
Sodium	23-2	101696.33	101159.49	102021.25	101625.69	0.43	ppb
Strontium	86-1	1003.08	1002.47	976.87	994.14	1.50	ppb
Strontium	88-1	1004.67	1002.59	985.71	997.66	1.04	ppb
Sulfur	34-1	20112.19	20068.02	19767.26	19982.49	0.94	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	994.61	1002.96	999.61	999.06	0.42	ppb
Thallium	205-1	1003.62	997.40	1001.69	1000.90	0.32	ppb
Thorium	232-1	1003.73	1004.31	998.40	1002.15	0.33	ppb
Tin	118-1	998.26	990.54	991.19	993.33	0.43	ppb
Titanium	47-1	5018.96	4976.61	4951.19	4982.25	0.69	ppb
Uranium	238-1	995.00	1007.71	1008.99	1003.90	0.77	ppb
Vanadium	51-2	991.99	994.95	1000.00	995.65	0.41	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:08:45	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1983.23	1990.01	2003.21	1992.15	0.51	ppb
Zirconium	90-1	1011.83	999.73	983.27	998.27	1.44	ppb
Zirconium	91-1	1012.06	996.61	979.77	996.15	1.62	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:12:33	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100198.32	99751.51	100217.10	100055.64	0.26	ppb
Antimony	121-1	2.08	2.12	2.18	2.13	2.35	ppb
Arsenic	75-1	1.21	1.23	1.25	1.23	1.83	ppb
Barium	135-1	6.26	6.29	6.07	6.21	1.94	ppb
Barium	137-1	6.48	6.27	6.29	6.35	1.85	ppb
Beryllium	9-1	1.26	1.20	1.11	1.19	6.33	ppb
Bismuth	209-1				77		%
Bismuth	209-2				73		%
Boron	11-1	28.47	25.65	23.66	25.92	9.33	ppb
Boron	10-1	28.63	25.18	22.57	25.46	11.93	ppb
Cadmium	106-1	1.54	1.99	0.50	1.34	56.63	ppb
Cadmium	108-1	1.32	1.35	1.28	1.32	2.66	ppb
Cadmium	111-1	1.24	1.13	1.11	1.16	5.89	ppb
Calcium	43-1	499614.10	497479.59	501914.30	499669.33	0.44	ppb
Calcium	44-1	502003.34	496554.14	500367.60	499641.69	0.56	ppb
Chromium	52-2	27.96	27.40	28.21	27.85	1.49	ppb
Cobalt	59-2	2.78	2.80	2.80	2.79	0.31	ppb
Copper	63-2	4.96	4.85	5.03	4.95	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				88		%
Indium	115-1				84		%
Indium	115-2				84		%
Iron	56-2	250815.88	245501.40	250951.98	249089.75	1.25	ppb
Iron	57-2	249539.23	245378.01	251724.34	248880.53	1.30	ppb
Krypton	83-1						cps
Lead	206-1	5.22	5.14	4.99	5.12	2.21	ppb
Lead	207-1	5.17	5.18	5.20	5.18	0.27	ppb
Lead	208-1	5.25	5.29	5.39	5.31	1.38	ppb
Lithium	6-1				89		%
Magnesium	24-2	498574.56	497756.03	501090.97	499140.52	0.35	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:12:33	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.95	8.94	9.17	9.02	1.45	ppb
Molybdenum	94-1	9.10	8.83	9.08	9.00	1.69	ppb
Molybdenum	95-1	10.33	10.29	10.03	10.22	1.56	ppb
Molybdenum	96-1	11.16	10.99	10.97	11.04	0.93	ppb
Molybdenum	97-1	10.28	10.10	10.11	10.16	0.97	ppb
Molybdenum	98-1	10.28	9.94	9.96	10.06	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.90	19.78	20.51	20.07	1.95	ppb
Phosphorus	31-2	-13.62	-9.44	-23.54	-15.53		ppb
Potassium	39-2	250562.16	248265.77	251348.17	250058.70	0.64	ppb
Rhodium	103-1				78		%
Rhodium	103-2				76		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	77-2	0.63	2.10	0.26	1.00	98.05	ppb
Selenium	78-2	1.34	1.68	0.84	1.29	32.86	ppb
Selenium	82-1	1.51	2.22	2.37	2.03	22.47	ppb
Silicon	28-1	161.50	163.33	163.20	162.68	0.63	ppb
Silver	109-1	1.15	1.13	1.19	1.15	2.75	ppb
Silver	107-1	1.12	1.09	1.16	1.13	3.04	ppb
Sodium	23-2	502321.91	495528.34	500523.16	499457.80	0.70	ppb
Strontium	86-1	5.57	5.28	5.48	5.44	2.72	ppb
Strontium	88-1	5.42	5.28	5.41	5.37	1.46	ppb
Sulfur	34-1	70.62	65.47	103.81	79.96	26.02	ppb
Terbium	159-1				89		%
Terbium	159-2				87		%
Thallium	203-1	1.44	1.39	1.43	1.42	1.63	ppb
Thallium	205-1	1.42	1.40	1.42	1.41	0.82	ppb
Thorium	232-1	0.23	0.25	0.26	0.25	5.39	ppb
Tin	118-1	1.64	1.61	1.67	1.64	1.88	ppb
Titanium	47-1	6.18	6.56	6.53	6.42	3.30	ppb
Uranium	238-1	1.18	1.17	1.19	1.18	1.00	ppb
Vanadium	51-2	1.27	1.30	1.39	1.32	4.66	ppb
Yttrium	89-1				89		%
Yttrium	89-2				90		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:12:33	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	32.83	31.99	31.91	32.24	1.58	ppb
Zirconium	90-1	1.27	1.19	1.19	1.22	3.59	ppb
Zirconium	91-1	1.20	1.23	1.24	1.22	1.72	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:17:07	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	567.58	580.95	564.34	570.96	1.54	ppb
Antimony	121-1	209.04	207.35	205.78	207.39	0.79	ppb
Arsenic	75-1	220.75	216.65	217.87	218.42	0.96	ppb
Barium	135-1	107.61	107.63	108.03	107.76	0.22	ppb
Barium	137-1	108.05	106.75	105.76	106.85	1.08	ppb
Beryllium	9-1	100.97	100.38	100.59	100.65	0.30	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	11-1	9.20	8.46	8.18	8.61	6.17	ppb
Boron	10-1	8.59	7.83	7.81	8.08	5.47	ppb
Cadmium	106-1	85.95	84.10	83.66	84.57	1.44	ppb
Cadmium	108-1	111.47	110.56	111.16	111.06	0.42	ppb
Cadmium	111-1	104.96	104.44	105.32	104.91	0.42	ppb
Calcium	43-1	2147.68	2142.38	2181.31	2157.13	0.98	ppb
Calcium	44-1	2169.52	2158.54	2156.62	2161.56	0.32	ppb
Chromium	52-2	102.02	101.85	101.61	101.83	0.20	ppb
Cobalt	59-2	105.21	106.59	104.98	105.59	0.82	ppb
Copper	63-2	104.47	104.76	103.86	104.36	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	1223.29	1208.48	1202.97	1211.58	0.87	ppb
Iron	57-2	1242.13	1250.11	1258.60	1250.28	0.66	ppb
Krypton	83-1						cps
Lead	206-1	219.51	224.55	221.75	221.94	1.14	ppb
Lead	207-1	219.52	220.07	218.70	219.43	0.32	ppb
Lead	208-1	220.33	220.08	217.92	219.44	0.61	ppb
Lithium	6-1				106		%
Magnesium	24-2	1408.75	1387.85	1376.52	1391.04	1.18	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:17:07	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.30	101.94	101.41	101.55	0.34	ppb
Molybdenum	94-1	1661.76	1666.99	1688.28	1672.34	0.84	ppb
Molybdenum	95-1	2417.73	2419.71	2399.18	2412.21	0.47	ppb
Molybdenum	96-1	2317.20	2318.52	2312.62	2316.11	0.13	ppb
Molybdenum	97-1	2419.38	2422.55	2406.10	2416.01	0.36	ppb
Molybdenum	98-1	2447.30	2440.87	2435.28	2441.15	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.80	108.20	109.14	108.38	0.63	ppb
Phosphorus	31-2	-29.73	-22.46	-15.15	-22.45		ppb
Potassium	39-2	2180.10	2156.41	2146.71	2161.07	0.79	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	242.59	225.17	230.94	232.90	3.81	ppb
Selenium	78-2	217.45	212.35	218.00	215.93	1.44	ppb
Selenium	82-1	210.67	211.05	212.95	211.55	0.58	ppb
Silicon	28-1	12.18	13.42	14.29	13.29	7.99	ppb
Silver	109-1	103.43	103.02	103.28	103.24	0.20	ppb
Silver	107-1	103.85	102.88	102.62	103.12	0.63	ppb
Sodium	23-2	2260.03	2224.08	2247.67	2243.93	0.81	ppb
Strontium	86-1	2.47	2.33	2.42	2.41	3.00	ppb
Strontium	88-1	2.45	2.42	2.44	2.44	0.68	ppb
Sulfur	34-1	-119.61	-125.19	-114.47	-119.76		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	218.24	221.76	219.43	219.81	0.81	ppb
Thallium	205-1	216.72	219.20	219.35	218.42	0.68	ppb
Thorium	232-1	0.17	0.19	0.19	0.18	5.55	ppb
Tin	118-1	0.32	0.34	0.35	0.34	3.45	ppb
Titanium	47-1	2424.43	2415.25	2399.70	2413.13	0.52	ppb
Uranium	238-1	0.01	0.02	0.00	0.01	71.36	ppb
Vanadium	51-2	101.09	101.58	100.84	101.17	0.37	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:17:07	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	207.64	211.69	210.36	209.90	0.98	ppb
Zirconium	90-1	0.34	0.40	0.48	0.40	16.77	ppb
Zirconium	91-1	0.41	0.52	0.65	0.52	22.76	ppb

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 15:22:23 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	0.48	0.86	0.58	42.72	ppb
Antimony	121-1	0.13	0.14	0.16	0.15	9.65	ppb
Arsenic	75-1	-0.05	-0.15	-0.09	-0.10		ppb
Barium	135-1	0.01	0.01	0.00	0.00	146.86	ppb
Barium	137-1	0.02	0.02	0.01	0.02	22.20	ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	138.30	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	11-1	4.86	4.90	4.66	4.81	2.67	ppb
Boron	10-1	4.18	4.36	4.36	4.30	2.38	ppb
Cadmium	106-1	-1.31	-0.91	0.04	-0.73		ppb
Cadmium	108-1	-0.03	0.02	0.01	0.00	16264.67	ppb
Cadmium	111-1	-0.07	-0.06	0.02	-0.04		ppb
Calcium	43-1	4.45	3.75	1.11	3.10	56.80	ppb
Calcium	44-1	4.55	3.62	2.59	3.59	27.41	ppb
Chromium	52-2	0.02	0.02	-0.01	0.01	149.00	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	-0.01	-0.01	-0.03	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	1.50	1.77	1.70	1.66	8.67	ppb
Iron	57-2	0.89	1.19	1.27	1.12	18.18	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.03	0.02	10.56	ppb
Lead	207-1	0.01	0.02	0.03	0.02	49.02	ppb
Lead	208-1	0.02	0.03	0.02	0.02	24.28	ppb
Lithium	6-1				108		%
Magnesium	24-2	2.60	2.75	2.00	2.45	16.25	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:22:23	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.01	0.02	0.02	59.89	ppb
Molybdenum	94-1	0.16	0.17	0.17	0.17	5.06	ppb
Molybdenum	95-1	0.26	0.24	0.24	0.24	5.01	ppb
Molybdenum	96-1	0.25	0.21	0.20	0.22	12.73	ppb
Molybdenum	97-1	0.26	0.22	0.21	0.23	12.62	ppb
Molybdenum	98-1	0.26	0.25	0.23	0.25	5.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.15	0.10	0.12	21.92	ppb
Phosphorus	31-2	-31.46	-34.20	-34.22	-33.29		ppb
Potassium	39-2	10.41	13.46	9.62	11.16	18.17	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	-0.11	0.23	0.23	0.11	174.14	ppb
Selenium	78-2	-0.02	-0.79	-0.13	-0.31		ppb
Selenium	82-1	0.27	0.47	0.07	0.27	75.73	ppb
Silicon	28-1	1.02	1.30	1.48	1.27	18.19	ppb
Silver	109-1	0.01	0.01	0.01	0.01	47.02	ppb
Silver	107-1	0.00	0.01	0.01	0.01	35.75	ppb
Sodium	23-2	18.26	17.71	18.55	18.17	2.36	ppb
Strontium	86-1	-0.01	-0.02	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-181.26	-71.84	37.24	-71.96		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.05	0.05	0.04	15.68	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	4.01	ppb
Thorium	232-1	0.02	0.03	0.03	0.02	16.82	ppb
Tin	118-1	0.03	0.06	0.06	0.05	34.41	ppb
Titanium	47-1	0.02	0.02	0.01	0.02	33.95	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	26.15	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:22:23	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	-0.06	0.15	0.04	273.54	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	141.51	ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 15:26:01 DataFile Name : 013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93226.27	94380.51	93860.27	93822.35	0.62	ppb
Antimony	121-1	1.30	1.32	1.31	1.31	0.73	ppb
Arsenic	75-1	1.82	1.74	1.69	1.75	3.90	ppb
Barium	135-1	1.52	1.53	1.52	1.52	0.50	ppb
Barium	137-1	1.57	1.56	1.52	1.55	1.68	ppb
Beryllium	9-1	0.34	0.25	0.31	0.30	14.99	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Boron	11-1	5.36	4.78	4.96	5.03	5.94	ppb
Boron	10-1	5.26	4.49	4.73	4.83	8.15	ppb
Cadmium	106-1	-0.95	-1.85	-2.10	-1.63		ppb
Cadmium	108-1	16.33	15.59	14.88	15.60	4.64	ppb
Cadmium	111-1	0.57	0.60	0.55	0.57	4.92	ppb
Calcium	43-1	98423.92	95759.64	95925.13	96702.90	1.54	ppb
Calcium	44-1	98920.67	97137.91	96949.62	97669.40	1.11	ppb
Chromium	52-2	19.33	19.72	19.49	19.52	1.00	ppb
Cobalt	59-2	1.17	1.19	1.23	1.20	2.31	ppb
Copper	63-2	7.24	7.36	7.48	7.36	1.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	104172.02	105233.12	105724.43	105043.19	0.76	ppb
Iron	57-2	103698.66	105355.09	105697.37	104917.04	1.02	ppb
Krypton	83-1						cps
Lead	206-1	4.88	4.82	4.71	4.80	1.80	ppb
Lead	207-1	4.28	4.30	4.26	4.28	0.48	ppb
Lead	208-1	3.96	3.99	3.96	3.97	0.42	ppb
Lithium	6-1				98		%
Magnesium	24-2	103350.14	103576.23	104082.70	103669.69	0.36	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:26:01	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.81	7.84	7.88	7.84	0.41	ppb
Molybdenum	94-1	1390.28	1372.40	1364.23	1375.64	0.97	ppb
Molybdenum	95-1	1984.51	1980.02	1950.57	1971.70	0.94	ppb
Molybdenum	96-1	1919.29	1887.72	1864.01	1890.34	1.47	ppb
Molybdenum	97-1	1969.97	1954.23	1955.20	1959.80	0.45	ppb
Molybdenum	98-1	1986.15	1981.04	1956.25	1974.48	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.93	5.84	5.64	5.80	2.53	ppb
Phosphorus	31-2	100323.96	100957.20	100418.25	100566.47	0.34	ppb
Potassium	39-2	99552.54	101299.04	100872.26	100574.61	0.91	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	77-2	-0.11	0.24	0.59	0.24	147.77	ppb
Selenium	78-2	-0.36	0.10	0.15	-0.04		ppb
Selenium	82-1	0.62	0.61	0.14	0.46	59.62	ppb
Silicon	28-1	25.51	26.07	24.90	25.49	2.30	ppb
Silver	109-1	0.06	0.06	0.07	0.06	10.02	ppb
Silver	107-1	0.06	0.05	0.06	0.05	9.89	ppb
Sodium	23-2	101909.15	102980.82	103114.60	102668.19	0.64	ppb
Strontium	86-1	35.18	34.29	34.02	34.50	1.76	ppb
Strontium	88-1	34.78	34.29	34.19	34.42	0.92	ppb
Sulfur	34-1	80769.92	80310.86	80146.00	80408.92	0.40	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.30	0.37	0.43	0.37	17.55	ppb
Thallium	205-1	0.30	0.37	0.40	0.36	13.39	ppb
Thorium	232-1	0.05	0.05	0.06	0.05	10.54	ppb
Tin	118-1	0.30	0.30	0.26	0.29	6.70	ppb
Titanium	47-1	2040.13	2007.89	2004.00	2017.34	0.98	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	15.86	ppb
Vanadium	51-2	0.19	0.21	0.21	0.20	5.78	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:26:01	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.25	10.27	10.49	10.33	1.30	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	24.53	ppb
Zirconium	91-1	0.03	0.02	0.00	0.01	106.43	ppb

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 15:29:39 DataFile Name : 014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92736.45	91675.31	90434.29	91615.35	1.26	ppb
Antimony	121-1	20.88	20.91	21.09	20.96	0.54	ppb
Arsenic	75-1	21.28	22.11	21.31	21.57	2.19	ppb
Barium	135-1	22.53	22.23	22.60	22.45	0.86	ppb
Barium	137-1	22.59	22.71	22.89	22.73	0.66	ppb
Beryllium	9-1	20.24	19.73	19.65	19.88	1.61	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	11-1	51.66	52.13	52.28	52.02	0.63	ppb
Boron	10-1	51.29	51.95	54.45	52.57	3.17	ppb
Cadmium	106-1	27.47	24.43	23.24	25.05	8.70	ppb
Cadmium	108-1	37.14	36.64	36.58	36.79	0.83	ppb
Cadmium	111-1	19.86	19.88	19.92	19.89	0.16	ppb
Calcium	43-1	95341.40	95457.86	94343.89	95047.72	0.64	ppb
Calcium	44-1	95776.81	95844.54	95073.03	95564.79	0.45	ppb
Chromium	52-2	39.25	37.96	38.04	38.42	1.88	ppb
Cobalt	59-2	21.00	20.68	20.64	20.77	0.97	ppb
Copper	63-2	26.52	25.96	25.94	26.14	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	104553.98	102764.01	102826.09	103381.36	0.98	ppb
Iron	57-2	103096.81	103092.36	102019.74	102736.30	0.60	ppb
Krypton	83-1						cps
Lead	206-1	25.19	24.83	24.84	24.96	0.83	ppb
Lead	207-1	23.59	23.30	23.84	23.57	1.14	ppb
Lead	208-1	23.06	22.70	22.95	22.90	0.80	ppb
Lithium	6-1				98		%
Magnesium	24-2	102375.61	101080.80	100128.88	101195.10	1.11	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:29:39	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.37	27.21	26.67	27.08	1.36	ppb
Molybdenum	94-1	1461.19	1446.84	1449.13	1452.39	0.53	ppb
Molybdenum	95-1	2014.48	1970.09	1976.51	1987.03	1.21	ppb
Molybdenum	96-1	1927.94	1918.26	1915.01	1920.40	0.35	ppb
Molybdenum	97-1	1996.30	1991.50	1987.55	1991.78	0.22	ppb
Molybdenum	98-1	2005.64	1993.76	1981.48	1993.63	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.14	24.84	24.44	24.81	1.41	ppb
Phosphorus	31-2	98806.57	98871.69	97073.32	98250.53	1.04	ppb
Potassium	39-2	100090.05	98561.29	99153.30	99268.21	0.78	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	21.58	19.15	20.66	20.46	6.01	ppb
Selenium	78-2	20.16	18.91	18.68	19.25	4.14	ppb
Selenium	82-1	20.17	19.18	19.42	19.59	2.64	ppb
Silicon	28-1	73.46	74.37	72.75	73.53	1.10	ppb
Silver	109-1	18.56	18.53	18.63	18.57	0.28	ppb
Silver	107-1	18.61	18.58	18.69	18.62	0.30	ppb
Sodium	23-2	101348.87	100499.03	99345.94	100397.95	1.00	ppb
Strontium	86-1	84.06	82.11	82.49	82.89	1.25	ppb
Strontium	88-1	82.31	82.50	81.98	82.26	0.32	ppb
Sulfur	34-1	78978.38	78652.94	78120.99	78584.11	0.55	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	20.66	20.34	20.53	20.51	0.79	ppb
Thallium	205-1	20.87	20.41	20.63	20.64	1.14	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	10.18	ppb
Tin	118-1	49.55	48.84	49.41	49.26	0.76	ppb
Titanium	47-1	2033.07	2061.13	1996.06	2030.09	1.61	ppb
Uranium	238-1	48.50	48.92	48.85	48.76	0.47	ppb
Vanadium	51-2	20.05	19.68	19.60	19.78	1.21	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:29:39	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.34	27.77	27.81	27.97	1.15	ppb
Zirconium	90-1	49.62	49.01	48.10	48.91	1.56	ppb
Zirconium	91-1	48.70	48.78	48.11	48.53	0.75	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:33:18	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52309.83	51387.42	50824.30	51507.18	1.46	ppb
Antimony	121-1	489.90	494.54	487.32	490.59	0.75	ppb
Arsenic	75-1	471.72	475.50	480.73	475.98	0.95	ppb
Barium	135-1	2497.01	2513.72	2482.41	2497.72	0.63	ppb
Barium	137-1	2521.18	2535.75	2511.74	2522.89	0.48	ppb
Beryllium	9-1	490.80	487.89	487.68	488.79	0.36	ppb
Bismuth	209-1				86		%
Bismuth	209-2				82		%
Boron	11-1	476.01	482.35	488.57	482.31	1.30	ppb
Boron	10-1	467.74	484.04	494.97	482.25	2.84	ppb
Cadmium	106-1	513.21	526.75	516.13	518.70	1.37	ppb
Cadmium	108-1	509.61	521.40	514.04	515.02	1.16	ppb
Cadmium	111-1	509.45	512.86	509.95	510.75	0.36	ppb
Calcium	43-1	237484.64	241213.71	237984.58	238894.31	0.85	ppb
Calcium	44-1	240404.62	241807.64	240747.70	240986.66	0.30	ppb
Chromium	52-2	496.63	500.90	496.38	497.97	0.51	ppb
Cobalt	59-2	475.93	481.70	477.07	478.23	0.64	ppb
Copper	63-2	989.32	989.07	974.95	984.45	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	125724.60	127401.88	125700.43	126275.64	0.77	ppb
Iron	57-2	126105.99	126589.02	124692.65	125795.88	0.78	ppb
Krypton	83-1						cps
Lead	206-1	498.70	494.14	503.89	498.91	0.98	ppb
Lead	207-1	497.95	491.61	499.64	496.40	0.85	ppb
Lead	208-1	505.05	505.53	497.47	502.68	0.90	ppb
Lithium	6-1				99		%
Magnesium	24-2	248951.17	247161.29	244353.34	246821.94	0.94	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:33:18	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	967.15	979.59	973.80	973.51	0.64	ppb
Molybdenum	94-1	2443.18	2449.55	2468.40	2453.71	0.53	ppb
Molybdenum	95-1	2411.70	2455.45	2469.52	2445.56	1.23	ppb
Molybdenum	96-1	2424.50	2449.13	2464.99	2446.21	0.83	ppb
Molybdenum	97-1	2430.04	2462.38	2460.28	2450.90	0.74	ppb
Molybdenum	98-1	2419.58	2454.42	2470.16	2448.05	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.76	478.79	470.03	474.86	0.94	ppb
Phosphorus	31-2	9840.43	10150.32	10115.58	10035.44	1.69	ppb
Potassium	39-2	124326.64	124675.46	125030.83	124677.64	0.28	ppb
Rhodium	103-1				89		%
Rhodium	103-2				86		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	485.26	468.07	444.94	466.09	4.34	ppb
Selenium	78-2	469.76	470.03	463.99	467.93	0.73	ppb
Selenium	82-1	449.68	457.23	459.05	455.32	1.09	ppb
Silicon	28-1	565.92	583.20	584.97	578.03	1.82	ppb
Silver	109-1	515.37	516.99	510.40	514.26	0.67	ppb
Silver	107-1	514.04	525.24	518.59	519.29	1.09	ppb
Sodium	23-2	248246.74	245285.56	244559.44	246030.58	0.79	ppb
Strontium	86-1	484.26	487.48	494.23	488.66	1.04	ppb
Strontium	88-1	489.55	491.26	490.45	490.42	0.17	ppb
Sulfur	34-1	9581.50	9915.06	9747.20	9747.92	1.71	ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	509.00	507.00	515.78	510.59	0.90	ppb
Thallium	205-1	504.61	500.05	508.09	504.25	0.80	ppb
Thorium	232-1	523.43	518.42	524.73	522.19	0.64	ppb
Tin	118-1	492.62	497.82	493.57	494.67	0.56	ppb
Titanium	47-1	2437.82	2456.62	2442.54	2445.66	0.40	ppb
Uranium	238-1	514.67	508.73	519.74	514.38	1.07	ppb
Vanadium	51-2	495.56	500.54	495.01	497.04	0.61	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:33:18	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	985.42	986.66	975.86	982.64	0.60	ppb
Zirconium	90-1	489.85	496.51	499.95	495.44	1.04	ppb
Zirconium	91-1	486.04	493.64	497.04	492.24	1.14	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:37:00	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.43	1.80	1.78	1.67	12.57	ppb
Antimony	121-1	0.35	0.43	0.50	0.43	17.55	ppb
Arsenic	75-1	-0.03	-0.03	0.05	0.00		ppb
Barium	135-1	0.10	0.10	0.08	0.09	10.89	ppb
Barium	137-1	0.07	0.05	0.05	0.05	22.31	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	16.88	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	11-1	13.12	12.02	10.57	11.90	10.74	ppb
Boron	10-1	12.11	11.56	11.03	11.57	4.64	ppb
Cadmium	106-1	0.96	0.89	0.53	0.79	29.31	ppb
Cadmium	108-1	0.08	0.02	0.01	0.04	103.24	ppb
Cadmium	111-1	0.11	0.12	0.08	0.11	18.90	ppb
Calcium	43-1	7.01	4.79	8.57	6.79	27.97	ppb
Calcium	44-1	7.93	7.71	7.21	7.61	4.85	ppb
Chromium	52-2	0.01	0.02	0.05	0.03	65.72	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.08	0.07	0.07	0.07	9.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	4.64	4.90	5.02	4.85	4.06	ppb
Iron	57-2	5.57	5.10	3.35	4.67	24.96	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.12	0.11	8.43	ppb
Lead	207-1	0.13	0.11	0.12	0.12	6.56	ppb
Lead	208-1	0.19	0.15	0.16	0.16	12.16	ppb
Lithium	6-1				109		%
Magnesium	24-2	6.85	7.87	7.29	7.34	7.00	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:37:00	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.05	0.03	0.03	69.72	ppb
Molybdenum	94-1	0.37	0.31	0.36	0.35	8.51	ppb
Molybdenum	95-1	0.39	0.45	0.46	0.44	8.48	ppb
Molybdenum	96-1	0.45	0.41	0.42	0.43	5.37	ppb
Molybdenum	97-1	0.42	0.38	0.44	0.41	6.80	ppb
Molybdenum	98-1	0.42	0.41	0.44	0.42	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.07	0.12	0.12	39.42	ppb
Phosphorus	31-2	-30.12	-28.67	-23.12	-27.31		ppb
Potassium	39-2	28.32	29.61	25.57	27.83	7.42	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	0.22	-0.11	-0.11	0.00		ppb
Selenium	78-2	-0.10	0.01	0.01	-0.03		ppb
Selenium	82-1	0.41	0.51	-0.05	0.29	103.82	ppb
Silicon	28-1	2.64	2.26	2.10	2.34	11.92	ppb
Silver	109-1	0.02	0.02	0.03	0.03	10.96	ppb
Silver	107-1	0.02	0.03	0.03	0.03	17.07	ppb
Sodium	23-2	38.70	40.02	39.54	39.42	1.70	ppb
Strontium	86-1	0.01	0.01	-0.03	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	22.86	ppb
Sulfur	34-1	-37.52	-55.45	37.85	-18.37		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.11	0.09	0.07	0.09	22.08	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	14.62	ppb
Thorium	232-1	0.11	0.09	0.10	0.10	8.51	ppb
Tin	118-1	0.20	0.21	0.24	0.22	11.75	ppb
Titanium	47-1	0.06	0.11	0.06	0.08	44.32	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	39.21	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	19.52	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:37:00	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.09	0.22	0.11	0.08	196.58	ppb
Zirconium	90-1	0.04	0.06	0.07	0.06	23.95	ppb
Zirconium	91-1	0.04	0.06	0.09	0.06	41.36	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:40:37	DataFile Name :	017LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.48	20.17	20.80	21.15	5.63	ppb
Antimony	121-1	1.93	2.03	2.07	2.01	3.67	ppb
Arsenic	75-1	0.96	1.15	0.92	1.01	11.76	ppb
Barium	135-1	10.19	10.23	10.28	10.23	0.43	ppb
Barium	137-1	9.88	10.16	10.01	10.02	1.42	ppb
Beryllium	9-1	1.05	0.98	1.01	1.01	3.42	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	11-1	27.97	28.27	28.74	28.33	1.35	ppb
Boron	10-1	28.33	29.61	30.08	29.34	3.08	ppb
Cadmium	106-1	1.13	0.95	1.36	1.15	18.12	ppb
Cadmium	108-1	0.97	0.94	1.15	1.02	11.26	ppb
Cadmium	111-1	1.05	1.07	1.03	1.05	2.12	ppb
Calcium	43-1	477.72	476.70	483.21	479.21	0.73	ppb
Calcium	44-1	473.63	481.17	478.10	477.63	0.79	ppb
Chromium	52-2	2.06	2.05	1.98	2.03	2.13	ppb
Cobalt	59-2	1.03	0.98	0.99	1.00	2.49	ppb
Copper	63-2	2.03	2.02	2.02	2.03	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	58.72	57.52	57.60	57.95	1.16	ppb
Iron	57-2	61.23	60.53	63.61	61.79	2.61	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.99	0.98	0.99	0.91	ppb
Lead	207-1	0.92	0.94	0.94	0.94	1.18	ppb
Lead	208-1	0.94	0.96	1.00	0.97	3.36	ppb
Lithium	6-1				111		%
Magnesium	24-2	563.16	561.69	552.34	559.06	1.05	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:40:37	DataFile Name :	017LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	1.08	1.03	1.07	2.87	ppb
Molybdenum	94-1	4.94	4.88	4.92	4.92	0.63	ppb
Molybdenum	95-1	5.16	5.24	5.00	5.13	2.45	ppb
Molybdenum	96-1	5.08	5.13	5.14	5.12	0.63	ppb
Molybdenum	97-1	5.00	5.14	5.30	5.14	2.91	ppb
Molybdenum	98-1	5.09	5.12	5.25	5.15	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	0.95	1.12	1.07	10.06	ppb
Phosphorus	31-2	29.13	17.83	38.50	28.49	36.32	ppb
Potassium	39-2	559.55	543.70	538.13	547.13	2.03	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				110		%
Scandium	45-2				102		%
Selenium	77-2	6.27	7.60	9.64	7.83	21.67	ppb
Selenium	78-2	6.00	5.99	4.86	5.62	11.71	ppb
Selenium	82-1	6.02	5.76	6.19	5.99	3.59	ppb
Silicon	28-1	9.81	10.10	10.17	10.02	1.89	ppb
Silver	109-1	1.10	1.10	1.08	1.10	0.93	ppb
Silver	107-1	1.08	1.14	1.07	1.10	3.42	ppb
Sodium	23-2	557.68	553.82	549.29	553.60	0.76	ppb
Strontium	86-1	0.93	0.97	0.92	0.94	2.80	ppb
Strontium	88-1	0.97	0.99	0.98	0.98	1.02	ppb
Sulfur	34-1	-250.57	-108.68	-78.52	-145.92		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.92	0.92	0.93	0.92	0.28	ppb
Thallium	205-1	0.92	0.94	0.94	0.94	1.13	ppb
Thorium	232-1	0.84	0.84	0.82	0.83	1.62	ppb
Tin	118-1	5.29	5.33	5.15	5.26	1.76	ppb
Titanium	47-1	4.83	4.95	4.92	4.90	1.31	ppb
Uranium	238-1	0.86	0.85	0.85	0.86	0.64	ppb
Vanadium	51-2	5.35	5.21	5.14	5.24	2.06	ppb
Yttrium	89-1				106		%
Yttrium	89-2				100		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:40:37	DataFile Name :	017LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.09	1.96	2.01	2.02	3.13	ppb
Zirconium	90-1	0.92	0.88	0.89	0.90	1.97	ppb
Zirconium	91-1	0.84	0.96	0.82	0.87	8.45	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6285-01	Instrumnet Name :	P7
Client Sample ID :	391204033.1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:55:05	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.83	28.49	31.32	30.21	5.01	ppb
Antimony	121-1	0.69	0.63	0.66	0.66	4.69	ppb
Arsenic	75-1	4.39	4.27	4.37	4.34	1.51	ppb
Barium	135-1	26.00	24.78	25.20	25.33	2.44	ppb
Barium	137-1	26.42	24.71	25.41	25.51	3.37	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00		ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	11-1	39.13	39.05	38.79	38.99	0.45	ppb
Boron	10-1	38.00	38.36	37.78	38.05	0.77	ppb
Cadmium	106-1	1.17	-0.30	0.46	0.44	165.28	ppb
Cadmium	108-1	0.16	0.18	0.17	0.17	4.58	ppb
Cadmium	111-1	0.16	0.03	0.12	0.10	63.72	ppb
Calcium	43-1	15752.34	14992.19	15711.07	15485.20	2.76	ppb
Calcium	44-1	16230.42	15400.87	15885.62	15838.97	2.63	ppb
Chromium	52-2	0.20	0.21	0.22	0.21	4.50	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	41.46	ppb
Copper	63-2	11.04	11.11	11.08	11.07	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	56-2	12.44	12.75	12.92	12.70	1.92	ppb
Iron	57-2	66.77	67.75	69.16	67.89	1.77	ppb
Krypton	83-1						cps
Lead	206-1	0.59	0.55	0.57	0.57	3.00	ppb
Lead	207-1	0.60	0.54	0.56	0.57	5.50	ppb
Lead	208-1	0.58	0.55	0.56	0.56	3.03	ppb
Lithium	6-1				116		%
Magnesium	24-2	5534.82	5625.05	5591.31	5583.73	0.82	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6285-01	Instrumnet Name :	P7
Client Sample ID :	391204033.1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:55:05	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.24	6.25	6.51	6.33	2.40	ppb
Molybdenum	94-1	0.26	0.25	0.30	0.27	8.84	ppb
Molybdenum	95-1	0.37	0.35	0.35	0.36	3.78	ppb
Molybdenum	96-1	0.34	0.36	0.35	0.35	3.03	ppb
Molybdenum	97-1	0.33	0.34	0.34	0.33	2.05	ppb
Molybdenum	98-1	0.34	0.33	0.34	0.34	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.72	0.81	0.79	7.46	ppb
Phosphorus	31-2	379.46	350.03	340.29	356.60	5.72	ppb
Potassium	39-2	2251.64	2237.11	2259.94	2249.56	0.51	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				117		%
Scandium	45-2				111		%
Selenium	77-2	-0.11	0.20	0.51	0.20	157.34	ppb
Selenium	78-2	-0.46	-0.23	0.16	-0.18		ppb
Selenium	82-1	0.75	0.49	0.70	0.64	21.05	ppb
Silicon	28-1	2923.46	2769.47	2872.58	2855.17	2.75	ppb
Silver	109-1	0.08	0.12	0.16	0.12	35.02	ppb
Silver	107-1	0.08	0.11	0.16	0.12	35.16	ppb
Sodium	23-2	41239.83	41821.34	41793.00	41618.06	0.79	ppb
Strontium	86-1	80.63	77.54	79.56	79.25	1.98	ppb
Strontium	88-1	80.46	77.23	78.84	78.84	2.04	ppb
Sulfur	34-1	5670.94	5064.43	5588.09	5441.15	6.04	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	0.40	0.49	0.57	0.49	16.75	ppb
Thallium	205-1	0.40	0.50	0.60	0.50	20.27	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	3.67	3.51	3.69	3.62	2.76	ppb
Titanium	47-1	0.43	0.45	0.51	0.46	9.48	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	27.46	ppb
Vanadium	51-2	0.16	0.16	0.16	0.16	1.65	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6285-01	Instrumnet Name :	P7
Client Sample ID :	391204033.1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:55:05	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	401.63	406.71	406.10	404.82	0.68	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	33.03	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	48.97	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:58:43	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52633.31	52160.46	51041.62	51945.13	1.57	ppb
Antimony	121-1	494.23	492.35	493.00	493.19	0.19	ppb
Arsenic	75-1	500.89	506.94	500.80	502.88	0.70	ppb
Barium	135-1	2519.78	2510.96	2505.04	2511.92	0.30	ppb
Barium	137-1	2567.24	2555.24	2498.73	2540.40	1.44	ppb
Beryllium	9-1	493.54	490.56	490.92	491.68	0.33	ppb
Bismuth	209-1				85		%
Bismuth	209-2				82		%
Boron	11-1	478.38	491.68	491.93	487.33	1.59	ppb
Boron	10-1	482.65	488.20	487.12	485.99	0.61	ppb
Cadmium	106-1	527.27	523.60	531.13	527.33	0.71	ppb
Cadmium	108-1	521.88	518.77	518.85	519.83	0.34	ppb
Cadmium	111-1	520.65	516.92	516.65	518.07	0.43	ppb
Calcium	43-1	240408.84	237121.64	240601.59	239377.36	0.82	ppb
Calcium	44-1	239896.20	238709.06	240407.25	239670.83	0.36	ppb
Chromium	52-2	499.29	502.77	494.38	498.81	0.85	ppb
Cobalt	59-2	479.35	481.19	474.35	478.30	0.74	ppb
Copper	63-2	994.62	998.24	979.91	990.92	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	126064.95	125339.77	123468.99	124957.91	1.07	ppb
Iron	57-2	127005.88	126467.79	124248.05	125907.24	1.16	ppb
Krypton	83-1						cps
Lead	206-1	496.72	498.20	492.00	495.64	0.65	ppb
Lead	207-1	493.81	495.99	496.15	495.31	0.26	ppb
Lead	208-1	508.27	504.59	503.83	505.57	0.47	ppb
Lithium	6-1				99		%
Magnesium	24-2	249933.87	248444.63	244060.98	247479.83	1.23	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:58:43	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	969.15	974.52	954.45	966.04	1.08	ppb
Molybdenum	94-1	2467.81	2502.61	2478.86	2483.09	0.72	ppb
Molybdenum	95-1	2450.08	2452.85	2459.61	2454.18	0.20	ppb
Molybdenum	96-1	2440.80	2476.98	2456.91	2458.23	0.74	ppb
Molybdenum	97-1	2457.95	2496.58	2447.38	2467.30	1.05	ppb
Molybdenum	98-1	2463.88	2499.93	2474.68	2479.50	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.14	483.24	474.38	480.92	1.19	ppb
Phosphorus	31-2	10223.05	10251.53	9980.92	10151.84	1.46	ppb
Potassium	39-2	125522.65	125309.27	123066.73	124632.88	1.09	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	546.14	521.75	528.83	532.24	2.36	ppb
Selenium	78-2	537.43	534.09	530.09	533.87	0.69	ppb
Selenium	82-1	519.00	524.34	522.67	522.00	0.52	ppb
Silicon	28-1	569.84	574.94	585.50	576.76	1.38	ppb
Silver	109-1	524.07	516.90	521.06	520.68	0.69	ppb
Silver	107-1	523.28	514.23	522.67	520.06	0.97	ppb
Sodium	23-2	248914.73	250152.94	242452.49	247173.39	1.67	ppb
Strontium	86-1	491.23	492.49	495.13	492.95	0.40	ppb
Strontium	88-1	493.85	499.25	496.01	496.37	0.55	ppb
Sulfur	34-1	10449.83	10160.66	10254.56	10288.35	1.43	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	508.27	502.50	502.71	504.49	0.65	ppb
Thallium	205-1	502.50	501.73	497.59	500.61	0.53	ppb
Thorium	232-1	512.37	512.46	511.69	512.17	0.08	ppb
Tin	118-1	499.27	496.75	498.34	498.12	0.26	ppb
Titanium	47-1	2450.54	2441.88	2436.47	2442.96	0.29	ppb
Uranium	238-1	513.25	515.57	509.42	512.74	0.61	ppb
Vanadium	51-2	500.49	496.41	494.94	497.28	0.58	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:58:43	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1000.79	1001.83	980.70	994.44	1.20	ppb
Zirconium	90-1	492.75	500.06	493.68	495.49	0.80	ppb
Zirconium	91-1	490.98	500.63	494.54	495.39	0.99	ppb

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P7
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 16:02:27 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.90	3.81	2.36	3.02	24.24	ppb
Antimony	121-1	0.40	0.41	0.50	0.44	12.74	ppb
Arsenic	75-1	-0.06	-0.02	-0.07	-0.05		ppb
Barium	135-1	0.16	0.15	0.15	0.15	5.73	ppb
Barium	137-1	0.17	0.15	0.14	0.15	11.36	ppb
Beryllium	9-1	0.04	0.06	0.02	0.04	44.06	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	11-1	13.49	12.51	11.63	12.54	7.42	ppb
Boron	10-1	12.56	12.83	11.20	12.20	7.15	ppb
Cadmium	106-1	1.52	0.95	-0.69	0.60	192.44	ppb
Cadmium	108-1	0.08	0.05	0.02	0.05	56.50	ppb
Cadmium	111-1	0.17	0.12	0.00	0.10	91.10	ppb
Calcium	43-1	17.29	15.28	15.28	15.95	7.28	ppb
Calcium	44-1	17.84	15.45	13.86	15.71	12.74	ppb
Chromium	52-2	0.06	0.03	0.03	0.04	52.51	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	56.79	ppb
Copper	63-2	0.17	0.13	0.14	0.15	12.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	7.73	7.67	7.42	7.61	2.11	ppb
Iron	57-2	7.53	8.29	4.82	6.88	26.56	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.22	0.18	0.20	9.22	ppb
Lead	207-1	0.21	0.16	0.20	0.19	14.28	ppb
Lead	208-1	0.22	0.17	0.24	0.21	18.84	ppb
Lithium	6-1				108		%
Magnesium	24-2	11.92	12.57	11.88	12.12	3.23	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:02:27	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.13	0.07	0.08	48.91	ppb
Molybdenum	94-1	0.45	0.39	0.45	0.43	7.31	ppb
Molybdenum	95-1	0.50	0.46	0.46	0.47	4.75	ppb
Molybdenum	96-1	0.46	0.44	0.45	0.45	2.43	ppb
Molybdenum	97-1	0.51	0.47	0.56	0.51	8.51	ppb
Molybdenum	98-1	0.46	0.45	0.49	0.47	4.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.24	0.07	0.16	54.96	ppb
Phosphorus	31-2	-25.87	-25.80	-30.32	-27.33		ppb
Potassium	39-2	25.50	26.03	23.26	24.93	5.89	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	0.45	-0.03	0.35	0.25	98.77	ppb
Selenium	82-1	0.17	0.19	0.75	0.37	90.49	ppb
Silicon	28-1	2.43	2.02	1.76	2.07	16.23	ppb
Silver	109-1	0.06	0.07	0.06	0.06	7.02	ppb
Silver	107-1	0.08	0.06	0.06	0.06	16.19	ppb
Sodium	23-2	47.77	47.39	46.21	47.12	1.73	ppb
Strontium	86-1	0.10	0.03	0.00	0.04	126.68	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	19.25	ppb
Sulfur	34-1	29.39	-31.35	-121.96	-41.31		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.09	0.09	0.09	3.03	ppb
Thallium	205-1	0.11	0.09	0.08	0.09	14.20	ppb
Thorium	232-1	0.10	0.09	0.10	0.10	5.72	ppb
Tin	118-1	0.19	0.25	0.25	0.23	15.62	ppb
Titanium	47-1	0.12	0.06	0.06	0.08	42.57	ppb
Uranium	238-1	0.03	0.03	0.02	0.03	9.90	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	11.74	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:02:27	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.16	0.17	0.30	0.21	36.17	ppb
Zirconium	90-1	0.07	0.06	0.08	0.07	11.33	ppb
Zirconium	91-1	0.05	0.06	0.07	0.06	11.61	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MH14Q4	Dilution Factor :	2
Date & Time Acquired ::	2019-12-18 16:06:05	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5724.71	5695.31	5779.54	5733.18	0.75	ppb
Antimony	121-1	2.46	2.46	2.57	2.50	2.48	ppb
Arsenic	75-1	7.58	7.93	7.86	7.79	2.37	ppb
Barium	135-1	193.41	194.75	197.61	195.26	1.10	ppb
Barium	137-1	194.37	195.66	200.07	196.70	1.52	ppb
Beryllium	9-1	0.69	0.60	0.66	0.65	7.45	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	11-1	91.90	90.98	94.46	92.44	1.95	ppb
Boron	10-1	90.96	91.36	94.15	92.16	1.89	ppb
Cadmium	106-1	6.42	3.98	5.31	5.24	23.33	ppb
Cadmium	108-1	4.25	4.32	4.72	4.43	5.74	ppb
Cadmium	111-1	4.07	3.93	4.11	4.04	2.36	ppb
Calcium	43-1	36076.91	36031.96	36414.44	36174.44	0.58	ppb
Calcium	44-1	36710.64	36480.36	36761.30	36650.77	0.41	ppb
Chromium	52-2	27.74	28.16	27.97	27.96	0.76	ppb
Cobalt	59-2	4.37	4.40	4.54	4.44	2.08	ppb
Copper	63-2	104.94	106.07	107.62	106.21	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	10718.83	10791.11	11016.50	10842.15	1.43	ppb
Iron	57-2	10820.65	10933.90	11020.15	10924.90	0.92	ppb
Krypton	83-1						cps
Lead	206-1	181.91	182.37	181.03	181.77	0.38	ppb
Lead	207-1	174.97	174.84	173.70	174.50	0.40	ppb
Lead	208-1	169.70	172.20	169.52	170.48	0.88	ppb
Lithium	6-1				110		%
Magnesium	24-2	5701.99	5699.31	5799.91	5733.74	1.00	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MH14Q4	Dilution Factor :	2
Date & Time Acquired ::	2019-12-18 16:06:05	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	520.69	514.87	523.89	519.82	0.88	ppb
Molybdenum	94-1	9.63	10.21	10.44	10.09	4.15	ppb
Molybdenum	95-1	2.12	2.21	2.12	2.15	2.35	ppb
Molybdenum	96-1	3.12	3.25	3.20	3.19	2.05	ppb
Molybdenum	97-1	2.20	2.10	2.19	2.16	2.62	ppb
Molybdenum	98-1	2.13	2.25	2.28	2.22	3.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.32	18.16	18.94	18.48	2.22	ppb
Phosphorus	31-2	2929.09	3011.66	3069.19	3003.32	2.34	ppb
Potassium	39-2	8928.75	8935.83	9014.25	8959.61	0.53	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	77-2	11.79	4.77	7.49	8.02	44.13	ppb
Selenium	78-2	3.37	2.80	3.18	3.12	9.42	ppb
Selenium	82-1	1.81	1.91	1.31	1.68	19.15	ppb
Silicon	28-1	663.68	665.27	663.75	664.23	0.14	ppb
Silver	109-1	0.87	0.89	0.88	0.88	1.24	ppb
Silver	107-1	0.87	0.89	0.92	0.89	2.55	ppb
Sodium	23-2	16765.58	16760.32	17060.92	16862.27	1.02	ppb
Strontium	86-1	145.61	142.97	145.32	144.64	1.00	ppb
Strontium	88-1	146.28	145.81	147.08	146.39	0.44	ppb
Sulfur	34-1	5149.62	5027.21	5280.01	5152.28	2.45	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.25	0.23	0.25	0.24	3.58	ppb
Thallium	205-1	0.23	0.24	0.25	0.24	2.71	ppb
Thorium	232-1	0.37	0.37	0.37	0.37	1.25	ppb
Tin	118-1	12.54	12.64	12.82	12.67	1.14	ppb
Titanium	47-1	138.87	138.32	140.42	139.20	0.78	ppb
Uranium	238-1	1.17	1.16	1.17	1.16	0.69	ppb
Vanadium	51-2	19.07	19.04	19.26	19.12	0.63	ppb
Yttrium	89-1				108		%
Yttrium	89-2				103		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MH14Q4	Dilution Factor :	2
Date & Time Acquired ::	2019-12-18 16:06:05	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1220.20	1217.32	1242.03	1226.52	1.10	ppb
Zirconium	90-1	5.20	5.40	5.55	5.38	3.26	ppb
Zirconium	91-1	5.33	5.14	5.30	5.26	2.00	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MH14Q5	Dilution Factor :	2
Date & Time Acquired ::	2019-12-18 16:09:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7503.29	7462.25	7324.86	7430.14	1.26	ppb
Antimony	121-1	2.44	2.06	2.06	2.19	10.07	ppb
Arsenic	75-1	8.22	6.86	7.00	7.36	10.17	ppb
Barium	135-1	219.05	180.51	179.21	192.93	11.73	ppb
Barium	137-1	220.55	181.51	179.87	193.98	11.87	ppb
Beryllium	9-1	1.02	0.80	0.81	0.88	13.90	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Boron	11-1	117.72	102.13	100.76	106.87	8.82	ppb
Boron	10-1	115.04	102.12	99.77	105.64	7.78	ppb
Cadmium	106-1	6.19	4.46	4.65	5.10	18.52	ppb
Cadmium	108-1	4.18	3.74	3.04	3.65	15.73	ppb
Cadmium	111-1	3.71	3.07	3.10	3.30	10.97	ppb
Calcium	43-1	50292.53	41872.41	40724.85	44296.60	11.79	ppb
Calcium	44-1	50426.14	42282.33	41248.09	44652.19	11.26	ppb
Chromium	52-2	23.26	22.82	22.67	22.92	1.35	ppb
Cobalt	59-2	4.05	4.07	4.02	4.05	0.60	ppb
Copper	63-2	139.99	139.60	138.05	139.21	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	11078.82	11051.47	11015.27	11048.52	0.29	ppb
Iron	57-2	11162.43	11196.91	11054.56	11137.97	0.67	ppb
Krypton	83-1						cps
Lead	206-1	178.92	147.21	147.07	157.73	11.63	ppb
Lead	207-1	171.49	140.96	140.07	150.84	11.86	ppb
Lead	208-1	167.53	137.13	136.77	147.15	12.00	ppb
Lithium	6-1				103		%
Magnesium	24-2	6260.77	6270.48	6195.70	6242.32	0.65	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MH14Q5	Dilution Factor :	2
Date & Time Acquired ::	2019-12-18 16:09:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	646.55	642.43	636.90	641.96	0.75	ppb
Molybdenum	94-1	8.28	7.02	6.94	7.41	10.11	ppb
Molybdenum	95-1	2.09	1.77	1.77	1.88	9.98	ppb
Molybdenum	96-1	3.06	2.50	2.41	2.65	13.25	ppb
Molybdenum	97-1	2.25	1.77	1.73	1.92	15.14	ppb
Molybdenum	98-1	2.03	1.75	1.72	1.83	9.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.79	17.83	17.86	17.83	0.20	ppb
Phosphorus	31-2	2828.61	2791.87	2703.58	2774.69	2.32	ppb
Potassium	39-2	7192.09	7100.98	7058.64	7117.24	0.96	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	5.45	6.08	6.72	6.09	10.45	ppb
Selenium	78-2	3.09	2.48	3.17	2.91	12.87	ppb
Selenium	82-1	1.66	1.82	1.08	1.52	25.59	ppb
Silicon	28-1	1381.10	1155.12	1124.03	1220.08	11.50	ppb
Silver	109-1	0.96	0.72	0.73	0.80	16.68	ppb
Silver	107-1	0.92	0.74	0.77	0.81	11.78	ppb
Sodium	23-2	11772.10	11822.17	11551.73	11715.33	1.23	ppb
Strontium	86-1	185.82	159.41	156.34	167.19	9.69	ppb
Strontium	88-1	189.29	159.12	157.48	168.63	10.62	ppb
Sulfur	34-1	5427.43	3602.65	3380.35	4136.81	27.15	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	0.21	0.17	0.16	0.18	13.22	ppb
Thallium	205-1	0.21	0.17	0.18	0.19	10.88	ppb
Thorium	232-1	0.46	0.35	0.36	0.39	15.22	ppb
Tin	118-1	10.65	8.81	8.56	9.34	12.21	ppb
Titanium	47-1	180.29	152.38	148.40	160.36	10.84	ppb
Uranium	238-1	1.59	1.30	1.31	1.40	11.56	ppb
Vanadium	51-2	18.30	17.84	17.70	17.95	1.75	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MH14Q5	Dilution Factor :	2
Date & Time Acquired ::	2019-12-18 16:09:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1128.41	1140.80	1110.99	1126.74	1.33	ppb
Zirconium	90-1	4.67	3.86	4.24	4.26	9.55	ppb
Zirconium	91-1	4.33	4.02	3.65	4.00	8.56	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6290-06A	Instrumnet Name :	P7
Client Sample ID :	MH14N3A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:24:53	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24154.49	23673.79	23889.03	23905.77	1.01	ppb
Antimony	121-1	7.28	7.28	7.35	7.30	0.56	ppb
Arsenic	75-1	56.60	55.79	55.63	56.00	0.93	ppb
Barium	135-1	355.06	353.37	361.48	356.64	1.20	ppb
Barium	137-1	358.35	357.24	360.91	358.83	0.52	ppb
Beryllium	9-1	0.97	0.92	0.86	0.92	6.36	ppb
Bismuth	209-1				97		%
Bismuth	209-2				91		%
Boron	11-1	173.64	175.53	175.71	174.96	0.66	ppb
Boron	10-1	170.78	171.43	171.07	171.09	0.19	ppb
Cadmium	106-1	10.05	9.13	7.89	9.02	12.00	ppb
Cadmium	108-1	9.50	9.18	10.08	9.59	4.75	ppb
Cadmium	111-1	8.98	9.15	8.93	9.02	1.24	ppb
Calcium	43-1	280671.72	279138.33	275696.07	278502.04	0.91	ppb
Calcium	44-1	280735.96	279736.87	277818.46	279430.43	0.53	ppb
Chromium	52-2	48.97	48.85	48.77	48.86	0.20	ppb
Cobalt	59-2	20.31	20.13	19.85	20.10	1.15	ppb
Copper	63-2	283.09	280.49	283.12	282.23	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	32074.53	31556.63	31440.04	31690.40	1.07	ppb
Iron	57-2	32895.34	32450.05	32210.69	32518.70	1.07	ppb
Krypton	83-1						cps
Lead	206-1	841.77	828.59	827.76	832.71	0.94	ppb
Lead	207-1	818.12	802.66	802.71	807.83	1.10	ppb
Lead	208-1	810.33	791.88	796.92	799.71	1.19	ppb
Lithium	6-1				106		%
Magnesium	24-2	12037.62	11858.33	11877.19	11924.38	0.83	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6290-06A	Instrumnet Name :	P7
Client Sample ID :	MH14N3A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:24:53	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1278.34	1264.81	1262.39	1268.51	0.68	ppb
Molybdenum	94-1	13.07	13.46	13.18	13.24	1.54	ppb
Molybdenum	95-1	4.81	4.78	4.78	4.79	0.41	ppb
Molybdenum	96-1	5.99	5.92	5.92	5.94	0.72	ppb
Molybdenum	97-1	4.81	4.91	4.82	4.85	1.10	ppb
Molybdenum	98-1	4.66	4.91	4.75	4.77	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.75	57.22	58.64	57.87	1.24	ppb
Phosphorus	31-2	7423.96	7129.41	6983.94	7179.10	3.12	ppb
Potassium	39-2	6224.78	6139.53	6125.42	6163.24	0.87	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				108		%
Scandium	45-2				102		%
Selenium	77-2	25.29	28.05	27.33	26.89	5.31	ppb
Selenium	78-2	15.40	15.32	14.70	15.14	2.54	ppb
Selenium	82-1	13.20	13.02	13.31	13.18	1.12	ppb
Silicon	28-1	1571.42	1566.75	1548.61	1562.26	0.77	ppb
Silver	109-1	11.09	11.26	11.38	11.24	1.29	ppb
Silver	107-1	11.25	10.95	11.21	11.14	1.46	ppb
Sodium	23-2	17483.75	17183.27	17029.22	17232.08	1.34	ppb
Strontium	86-1	1466.76	1470.59	1457.56	1464.97	0.46	ppb
Strontium	88-1	1464.37	1470.20	1459.97	1464.85	0.35	ppb
Sulfur	34-1	46264.72	45699.66	56386.31	49450.23	12.16	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.37	0.35	0.38	0.37	3.53	ppb
Thallium	205-1	0.35	0.34	0.36	0.35	2.79	ppb
Thorium	232-1	3.18	3.20	3.22	3.20	0.70	ppb
Tin	118-1	39.14	39.19	39.49	39.27	0.48	ppb
Titanium	47-1	596.01	591.43	595.79	594.41	0.43	ppb
Uranium	238-1	4.22	4.15	4.16	4.18	0.87	ppb
Vanadium	51-2	65.70	64.33	64.29	64.77	1.24	ppb
Yttrium	89-1				112		%
Yttrium	89-2				105		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6290-06A	Instrumnet Name :	P7
Client Sample ID :	MH14N3A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:24:53	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3891.37	3853.75	3843.07	3862.73	0.66	ppb
Zirconium	90-1	6.52	6.51	6.37	6.47	1.33	ppb
Zirconium	91-1	6.42	6.28	6.36	6.35	1.15	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-10A	Instrumnet Name :	P7
Client Sample ID :	MH14Q7A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:28:32	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14621.07	14734.17	14616.86	14657.36	0.45	ppb
Antimony	121-1	11.78	11.99	11.84	11.87	0.91	ppb
Arsenic	75-1	23.99	24.54	24.75	24.43	1.61	ppb
Barium	135-1	618.30	619.63	611.56	616.50	0.70	ppb
Barium	137-1	619.23	616.38	609.05	614.89	0.85	ppb
Beryllium	9-1	1.25	1.35	1.21	1.27	5.55	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	11-1	80.98	80.73	82.82	81.51	1.40	ppb
Boron	10-1	80.55	80.25	81.69	80.83	0.94	ppb
Cadmium	106-1	41.53	42.67	41.20	41.80	1.84	ppb
Cadmium	108-1	43.57	42.68	43.60	43.28	1.20	ppb
Cadmium	111-1	46.62	47.19	46.31	46.71	0.96	ppb
Calcium	43-1	104138.91	105296.24	103730.77	104388.64	0.78	ppb
Calcium	44-1	105869.93	106099.93	106474.82	106148.23	0.29	ppb
Chromium	52-2	95.80	95.38	94.86	95.35	0.50	ppb
Cobalt	59-2	18.82	18.86	18.84	18.84	0.10	ppb
Copper	63-2	3398.35	3403.29	3372.11	3391.25	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				84		%
Iron	56-2	114567.87	114639.95	112947.29	114051.70	0.84	ppb
Iron	57-2	113226.46	113576.37	113130.15	113310.99	0.21	ppb
Krypton	83-1						cps
Lead	206-1	8429.35	8533.26	8618.66	8527.09	1.11	ppb
Lead	207-1	8598.96	8648.98	8674.42	8640.79	0.44	ppb
Lead	208-1	8656.62	8673.45	8582.11	8637.40	0.56	ppb
Lithium	6-1				108		%
Magnesium	24-2	12461.64	12432.05	12451.96	12448.55	0.12	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-10A	Instrumnet Name :	P7
Client Sample ID :	MH14Q7A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:28:32	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1155.67	1158.13	1161.51	1158.44	0.25	ppb
Molybdenum	94-1	11.64	11.87	11.86	11.79	1.11	ppb
Molybdenum	95-1	6.67	6.91	6.68	6.75	2.05	ppb
Molybdenum	96-1	8.05	7.84	7.70	7.86	2.22	ppb
Molybdenum	97-1	6.81	6.90	6.86	6.86	0.70	ppb
Molybdenum	98-1	7.03	6.68	6.91	6.87	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.90	135.98	135.04	135.31	0.43	ppb
Phosphorus	31-2	3102.51	3165.59	3274.61	3180.90	2.74	ppb
Potassium	39-2	4468.21	4443.17	4401.26	4437.55	0.76	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	77-2	15.13	17.37	22.10	18.20	19.56	ppb
Selenium	78-2	6.27	6.90	6.52	6.56	4.83	ppb
Selenium	82-1	3.62	3.48	4.02	3.71	7.50	ppb
Silicon	28-1	4413.24	4453.87	4345.62	4404.24	1.24	ppb
Silver	109-1	22.09	22.02	21.75	21.95	0.83	ppb
Silver	107-1	21.86	22.19	21.57	21.87	1.40	ppb
Sodium	23-2	4935.66	4868.49	4914.75	4906.30	0.70	ppb
Strontium	86-1	562.30	570.94	567.24	566.83	0.76	ppb
Strontium	88-1	574.89	581.31	578.56	578.25	0.56	ppb
Sulfur	34-1	7562.52	7907.33	7661.49	7710.45	2.30	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	4.04	4.12	4.04	4.07	1.07	ppb
Thallium	205-1	4.03	4.06	4.08	4.06	0.59	ppb
Thorium	232-1	4.72	4.67	4.74	4.71	0.73	ppb
Tin	118-1	7695.52	7738.55	7618.41	7684.16	0.79	ppb
Titanium	47-1	381.93	388.71	383.47	384.70	0.92	ppb
Uranium	238-1	5.76	5.75	5.79	5.77	0.41	ppb
Vanadium	51-2	71.21	71.51	71.72	71.48	0.36	ppb
Yttrium	89-1				113		%
Yttrium	89-2				105		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-10A	Instrumnet Name :	P7
Client Sample ID :	MH14Q7A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:28:32	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14557.46	14654.49	14528.91	14580.29	0.45	ppb
Zirconium	90-1	4.58	4.54	4.58	4.57	0.54	ppb
Zirconium	91-1	4.58	4.66	4.60	4.61	0.93	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6293-01A	Instrumnet Name :	P7
Client Sample ID :	MH14R7A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:32:12	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13626.67	13555.28	13424.18	13535.37	0.76	ppb
Antimony	121-1	4.49	4.66	4.54	4.56	1.85	ppb
Arsenic	75-1	30.49	29.03	29.47	29.66	2.53	ppb
Barium	135-1	179.79	180.54	181.63	180.65	0.51	ppb
Barium	137-1	180.59	182.28	183.31	182.06	0.76	ppb
Beryllium	9-1	0.93	0.96	0.93	0.94	1.64	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	11-1	227.38	229.50	233.23	230.04	1.29	ppb
Boron	10-1	224.80	223.71	231.35	226.62	1.82	ppb
Cadmium	106-1	23.81	24.01	25.09	24.30	2.84	ppb
Cadmium	108-1	25.01	24.56	24.93	24.83	0.96	ppb
Cadmium	111-1	27.01	26.86	27.45	27.11	1.13	ppb
Calcium	43-1	283899.70	287496.61	284525.40	285307.24	0.67	ppb
Calcium	44-1	285236.77	290912.50	284592.44	286913.91	1.21	ppb
Chromium	52-2	63.71	63.80	63.21	63.57	0.51	ppb
Cobalt	59-2	13.34	13.44	13.20	13.33	0.90	ppb
Copper	63-2	121.03	122.20	118.93	120.72	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	26775.04	26702.29	26426.41	26634.58	0.69	ppb
Iron	57-2	27477.15	27579.41	27109.37	27388.64	0.90	ppb
Krypton	83-1						cps
Lead	206-1	1114.73	1136.94	1113.27	1121.65	1.18	ppb
Lead	207-1	1079.53	1092.72	1092.81	1088.36	0.70	ppb
Lead	208-1	1084.39	1067.01	1086.91	1079.43	1.00	ppb
Lithium	6-1				99		%
Magnesium	24-2	24693.96	24735.86	24497.48	24642.43	0.52	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6293-01A	Instrumnet Name :	P7
Client Sample ID :	MH14R7A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:32:12	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	752.12	748.50	746.97	749.20	0.35	ppb
Molybdenum	94-1	19.06	18.60	18.72	18.79	1.27	ppb
Molybdenum	95-1	4.85	4.79	4.65	4.77	2.16	ppb
Molybdenum	96-1	6.79	6.70	6.84	6.78	1.05	ppb
Molybdenum	97-1	4.98	4.83	4.86	4.89	1.61	ppb
Molybdenum	98-1	4.78	4.82	4.98	4.86	2.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.02	48.86	48.46	48.45	0.87	ppb
Phosphorus	31-2	1675.71	1598.85	1493.72	1589.43	5.75	ppb
Potassium	39-2	9745.94	9614.85	9582.30	9647.70	0.90	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	39.36	32.97	33.92	35.42	9.74	ppb
Selenium	78-2	27.35	28.43	26.45	27.41	3.61	ppb
Selenium	82-1	25.46	25.58	25.81	25.62	0.71	ppb
Silicon	28-1	2328.95	2383.01	2370.29	2360.75	1.20	ppb
Silver	109-1	11.84	11.61	11.87	11.77	1.20	ppb
Silver	107-1	11.58	11.65	11.86	11.70	1.22	ppb
Sodium	23-2	66695.50	66484.26	65975.03	66384.93	0.56	ppb
Strontium	86-1	1840.89	1864.12	1843.92	1849.64	0.68	ppb
Strontium	88-1	1851.89	1862.45	1853.83	1856.06	0.30	ppb
Sulfur	34-1	98894.90	100566.36	99826.46	99762.58	0.84	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.35	0.39	0.37	0.37	5.97	ppb
Thallium	205-1	0.36	0.36	0.37	0.36	1.65	ppb
Thorium	232-1	3.51	3.55	3.54	3.53	0.67	ppb
Tin	118-1	79.29	80.47	78.32	79.36	1.35	ppb
Titanium	47-1	434.06	440.04	433.95	436.02	0.80	ppb
Uranium	238-1	27.29	27.63	27.46	27.46	0.62	ppb
Vanadium	51-2	53.43	53.58	52.81	53.27	0.76	ppb
Yttrium	89-1				108		%
Yttrium	89-2				102		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6293-01A	Instrumnet Name :	P7
Client Sample ID :	MH14R7A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:32:12	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1537.09	1546.19	1517.75	1533.68	0.95	ppb
Zirconium	90-1	10.06	10.13	10.05	10.08	0.45	ppb
Zirconium	91-1	10.24	9.99	10.20	10.14	1.32	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6296-01A	Instrumnet Name :	P7
Client Sample ID :	MH14T2A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:35:51	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6886.82	6854.16	6937.55	6892.85	0.61	ppb
Antimony	121-1	9.24	9.17	9.10	9.17	0.75	ppb
Arsenic	75-1	39.12	39.69	39.50	39.44	0.73	ppb
Barium	135-1	251.16	245.31	251.66	249.38	1.42	ppb
Barium	137-1	254.42	250.14	252.77	252.44	0.85	ppb
Beryllium	9-1	0.79	0.71	0.74	0.75	5.13	ppb
Bismuth	209-1				99		%
Bismuth	209-2				91		%
Boron	11-1	146.33	147.76	150.30	148.13	1.36	ppb
Boron	10-1	143.84	147.63	148.94	146.80	1.80	ppb
Cadmium	106-1	7.10	6.35	7.19	6.88	6.77	ppb
Cadmium	108-1	7.07	7.17	7.12	7.12	0.69	ppb
Cadmium	111-1	8.07	8.03	8.14	8.08	0.72	ppb
Calcium	43-1	97561.78	98369.29	96580.63	97503.90	0.92	ppb
Calcium	44-1	98982.21	98294.17	99088.73	98788.37	0.44	ppb
Chromium	52-2	52.51	52.71	53.46	52.89	0.95	ppb
Cobalt	59-2	10.45	10.07	10.34	10.29	1.87	ppb
Copper	63-2	277.07	271.34	273.78	274.06	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	37824.77	37672.62	38053.74	37850.38	0.51	ppb
Iron	57-2	37912.24	37905.20	37859.29	37892.24	0.08	ppb
Krypton	83-1						cps
Lead	206-1	445.57	444.73	443.42	444.57	0.24	ppb
Lead	207-1	427.37	422.10	422.74	424.07	0.68	ppb
Lead	208-1	423.18	417.23	419.43	419.95	0.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	7183.12	7012.87	7178.64	7124.87	1.36	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6296-01A	Instrumnet Name :	P7
Client Sample ID :	MH14T2A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:35:51	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	655.83	652.60	656.60	655.01	0.32	ppb
Molybdenum	94-1	6.70	6.40	6.59	6.56	2.29	ppb
Molybdenum	95-1	7.55	7.59	7.80	7.65	1.74	ppb
Molybdenum	96-1	7.81	7.57	7.59	7.66	1.74	ppb
Molybdenum	97-1	7.62	7.65	7.53	7.60	0.84	ppb
Molybdenum	98-1	7.67	7.75	7.56	7.66	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.14	50.90	49.94	50.33	1.00	ppb
Phosphorus	31-2	4703.82	4715.00	4718.08	4712.30	0.16	ppb
Potassium	39-2	6810.24	6806.54	6840.29	6819.02	0.27	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	77-2	20.05	17.00	19.63	18.89	8.75	ppb
Selenium	78-2	12.16	10.45	12.50	11.71	9.38	ppb
Selenium	82-1	11.52	11.76	11.75	11.68	1.15	ppb
Silicon	28-1	3599.36	3607.99	3585.96	3597.77	0.31	ppb
Silver	109-1	45.32	44.93	44.52	44.92	0.90	ppb
Silver	107-1	45.23	44.96	45.41	45.20	0.50	ppb
Sodium	23-2	78287.74	77039.48	77781.11	77702.78	0.81	ppb
Strontium	86-1	522.64	520.24	523.67	522.18	0.34	ppb
Strontium	88-1	526.94	519.74	530.61	525.76	1.05	ppb
Sulfur	34-1	60443.11	60139.35	59750.03	60110.83	0.58	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.19	0.20	0.20	0.20	2.52	ppb
Thallium	205-1	0.18	0.19	0.20	0.19	4.26	ppb
Thorium	232-1	0.45	0.45	0.45	0.45	0.32	ppb
Tin	118-1	16.99	16.91	17.35	17.08	1.39	ppb
Titanium	47-1	190.84	191.89	188.57	190.43	0.89	ppb
Uranium	238-1	2.25	2.22	2.22	2.23	0.75	ppb
Vanadium	51-2	28.73	28.25	28.75	28.58	0.99	ppb
Yttrium	89-1				107		%
Yttrium	89-2				98		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6296-01A	Instrumnet Name :	P7
Client Sample ID :	MH14T2A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:35:51	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1472.39	1456.15	1467.53	1465.36	0.57	ppb
Zirconium	90-1	0.76	0.77	0.80	0.78	2.33	ppb
Zirconium	91-1	0.83	0.86	0.77	0.82	5.53	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:48:07	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50973.37	51552.54	51340.18	51288.70	0.57	ppb
Antimony	121-1	487.02	488.94	483.24	486.40	0.60	ppb
Arsenic	75-1	504.80	509.20	501.35	505.11	0.78	ppb
Barium	135-1	2480.94	2506.53	2468.81	2485.43	0.77	ppb
Barium	137-1	2485.47	2514.96	2492.25	2497.56	0.62	ppb
Beryllium	9-1	488.85	490.96	493.32	491.04	0.46	ppb
Bismuth	209-1				87		%
Bismuth	209-2				82		%
Boron	11-1	470.03	479.44	489.67	479.71	2.05	ppb
Boron	10-1	473.58	481.35	489.86	481.60	1.69	ppb
Cadmium	106-1	510.53	515.67	513.18	513.13	0.50	ppb
Cadmium	108-1	508.12	518.98	513.29	513.46	1.06	ppb
Cadmium	111-1	512.03	515.23	511.33	512.86	0.41	ppb
Calcium	43-1	237265.30	240144.90	241045.94	239485.38	0.82	ppb
Calcium	44-1	236038.82	240914.30	240101.27	239018.13	1.09	ppb
Chromium	52-2	502.38	508.92	505.07	505.46	0.65	ppb
Cobalt	59-2	487.90	488.23	487.26	487.80	0.10	ppb
Copper	63-2	1048.64	1044.31	1043.20	1045.38	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	127837.04	128318.15	127788.55	127981.25	0.23	ppb
Iron	57-2	128510.79	128006.30	126827.00	127781.36	0.68	ppb
Krypton	83-1						cps
Lead	206-1	496.62	498.10	496.13	496.95	0.21	ppb
Lead	207-1	493.54	497.03	499.18	496.58	0.57	ppb
Lead	208-1	505.39	503.95	506.46	505.27	0.25	ppb
Lithium	6-1				95		%
Magnesium	24-2	245564.37	247039.75	246425.65	246343.25	0.30	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:48:07	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	985.84	989.13	984.34	986.44	0.25	ppb
Molybdenum	94-1	2456.44	2453.27	2487.35	2465.69	0.76	ppb
Molybdenum	95-1	2437.08	2442.70	2468.03	2449.27	0.67	ppb
Molybdenum	96-1	2437.49	2446.40	2461.31	2448.40	0.49	ppb
Molybdenum	97-1	2420.44	2469.48	2467.91	2452.61	1.14	ppb
Molybdenum	98-1	2424.09	2466.04	2457.22	2449.12	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.08	484.35	484.77	484.73	0.08	ppb
Phosphorus	31-2	9895.45	9788.61	9943.80	9875.96	0.80	ppb
Potassium	39-2	123242.54	123497.75	123964.16	123568.15	0.30	ppb
Rhodium	103-1				88		%
Rhodium	103-2				84		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	542.24	497.22	511.81	517.09	4.44	ppb
Selenium	78-2	516.47	504.10	520.39	513.65	1.66	ppb
Selenium	82-1	499.66	505.99	510.62	505.42	1.09	ppb
Silicon	28-1	559.61	580.89	588.57	576.36	2.60	ppb
Silver	109-1	510.78	519.43	513.19	514.47	0.87	ppb
Silver	107-1	517.79	517.22	520.11	518.37	0.29	ppb
Sodium	23-2	242751.60	247386.98	245931.11	245356.57	0.97	ppb
Strontium	86-1	486.47	492.07	493.35	490.63	0.75	ppb
Strontium	88-1	490.63	492.42	490.65	491.23	0.21	ppb
Sulfur	34-1	9652.63	9907.59	9980.62	9846.95	1.75	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	501.91	502.51	502.15	502.19	0.06	ppb
Thallium	205-1	500.05	505.44	505.16	503.55	0.60	ppb
Thorium	232-1	513.53	516.14	512.09	513.92	0.40	ppb
Tin	118-1	486.82	487.63	488.43	487.62	0.16	ppb
Titanium	47-1	2450.36	2464.49	2469.54	2461.46	0.40	ppb
Uranium	238-1	509.80	512.86	507.12	509.93	0.56	ppb
Vanadium	51-2	503.21	501.07	499.20	501.16	0.40	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:48:07	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1043.66	1046.78	1051.97	1047.47	0.40	ppb
Zirconium	90-1	490.80	500.17	494.96	495.31	0.95	ppb
Zirconium	91-1	490.70	496.83	492.87	493.47	0.63	ppb

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : CCB03 Instrumnet Name : P7
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 16:51:50 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.42	1.26	1.87	1.52	20.82	ppb
Antimony	121-1	0.37	0.44	0.48	0.43	12.97	ppb
Arsenic	75-1	0.01	-0.07	-0.12	-0.06		ppb
Barium	135-1	0.04	0.06	0.03	0.04	33.63	ppb
Barium	137-1	0.03	0.03	0.05	0.04	34.68	ppb
Beryllium	9-1	0.05	0.02	0.02	0.03	53.16	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	11-1	12.30	11.16	10.39	11.28	8.51	ppb
Boron	10-1	12.30	10.99	9.86	11.05	11.05	ppb
Cadmium	106-1	0.94	0.18	-0.98	0.05	2084.50	ppb
Cadmium	108-1	0.02	0.04	0.01	0.02	65.93	ppb
Cadmium	111-1	0.10	0.03	-0.06	0.02	359.25	ppb
Calcium	43-1	4.50	3.17	4.67	4.11	19.99	ppb
Calcium	44-1	6.05	5.58	5.93	5.85	4.14	ppb
Chromium	52-2	-0.01	0.01	-0.01	0.00		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.06	0.06	0.09	0.07	22.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	3.74	3.71	4.37	3.94	9.53	ppb
Iron	57-2	4.76	3.31	4.45	4.17	18.21	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.19	0.22	0.21	9.12	ppb
Lead	207-1	0.23	0.19	0.21	0.21	9.16	ppb
Lead	208-1	0.23	0.22	0.22	0.22	2.64	ppb
Lithium	6-1				102		%
Magnesium	24-2	7.59	6.90	6.32	6.94	9.20	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:51:50	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.03	0.01	-0.01		ppb
Molybdenum	94-1	0.36	0.36	0.33	0.35	4.65	ppb
Molybdenum	95-1	0.37	0.38	0.37	0.37	1.22	ppb
Molybdenum	96-1	0.36	0.35	0.41	0.37	8.90	ppb
Molybdenum	97-1	0.38	0.35	0.39	0.37	5.57	ppb
Molybdenum	98-1	0.41	0.36	0.39	0.39	6.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.23	-0.18	-0.21		ppb
Phosphorus	31-2	-34.03	-28.13	-34.11	-32.09		ppb
Potassium	39-2	13.14	12.32	15.58	13.68	12.39	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	-0.11	0.23	0.23	0.11	174.06	ppb
Selenium	78-2	-0.06	-0.34	0.05	-0.12		ppb
Selenium	82-1	0.29	1.17	0.90	0.79	57.08	ppb
Silicon	28-1	2.67	2.31	2.51	2.50	7.31	ppb
Silver	109-1	0.03	0.02	0.03	0.03	19.21	ppb
Silver	107-1	0.03	0.02	0.03	0.03	7.76	ppb
Sodium	23-2	34.58	31.95	33.58	33.37	3.96	ppb
Strontium	86-1	-0.02	0.03	0.00	0.01	537.88	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	19.57	ppb
Sulfur	34-1	-147.89	-163.96	-142.40	-151.42		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.08	0.06	0.04	0.06	27.35	ppb
Thallium	205-1	0.08	0.06	0.06	0.06	18.02	ppb
Thorium	232-1	0.08	0.08	0.09	0.08	7.01	ppb
Tin	118-1	0.18	0.22	0.25	0.22	15.89	ppb
Titanium	47-1	-0.06	0.00	0.02	-0.02		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.21	ppb
Vanadium	51-2	0.00	0.02	0.01	0.01	79.71	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:51:50	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.05	0.03	0.17	0.08	94.35	ppb
Zirconium	90-1	0.06	0.04	0.08	0.06	27.23	ppb
Zirconium	91-1	0.04	0.03	0.07	0.05	42.92	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6036-01	Instrumnet Name :	P7
Client Sample ID :	391121720	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:55:27	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	71.91	69.88	63.82	68.54	6.15	ppb
Antimony	121-1	0.49	0.51	0.51	0.50	2.52	ppb
Arsenic	75-1	9.21	9.15	9.70	9.35	3.27	ppb
Barium	135-1	27.27	27.12	27.33	27.24	0.40	ppb
Barium	137-1	27.65	27.75	27.51	27.64	0.44	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	12.33	ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	11-1	150.80	153.16	154.45	152.80	1.21	ppb
Boron	10-1	147.83	150.31	156.15	151.43	2.82	ppb
Cadmium	106-1	-1.43	-1.84	-0.79	-1.35		ppb
Cadmium	108-1	0.09	0.09	0.04	0.07	40.97	ppb
Cadmium	111-1	-0.06	-0.10	0.00	-0.05		ppb
Calcium	43-1	3197.12	3243.15	3241.71	3227.33	0.81	ppb
Calcium	44-1	3256.61	3278.70	3265.07	3266.79	0.34	ppb
Chromium	52-2	0.40	0.41	0.39	0.40	2.14	ppb
Cobalt	59-2	0.38	0.37	0.36	0.37	3.30	ppb
Copper	63-2	1.27	1.33	1.30	1.30	2.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				104		%
Indium	115-1				114		%
Indium	115-2				101		%
Iron	56-2	251.87	257.45	253.29	254.20	1.14	ppb
Iron	57-2	268.65	266.42	266.07	267.04	0.52	ppb
Krypton	83-1						cps
Lead	206-1	0.55	0.56	0.55	0.55	1.07	ppb
Lead	207-1	0.53	0.55	0.52	0.53	2.75	ppb
Lead	208-1	0.53	0.53	0.53	0.53	0.43	ppb
Lithium	6-1				113		%
Magnesium	24-2	1453.12	1464.01	1423.33	1446.82	1.46	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6036-01	Instrumnet Name :	P7
Client Sample ID :	391121720	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:55:27	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.77	3.01	2.95	2.91	4.33	ppb
Molybdenum	94-1	0.30	0.32	0.33	0.31	5.04	ppb
Molybdenum	95-1	0.26	0.26	0.29	0.27	5.54	ppb
Molybdenum	96-1	0.29	0.28	0.29	0.29	2.62	ppb
Molybdenum	97-1	0.28	0.25	0.25	0.26	7.30	ppb
Molybdenum	98-1	0.25	0.25	0.26	0.25	3.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.04	0.04	0.05	28.88	ppb
Phosphorus	31-2	36.48	19.66	41.85	32.66	35.45	ppb
Potassium	39-2	2836.69	2869.33	2833.88	2846.63	0.69	ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				103		%
Selenium	77-2	-0.11	0.21	0.21	0.10	182.29	ppb
Selenium	78-2	-0.24	-0.24	0.04	-0.14		ppb
Selenium	82-1	0.46	0.41	0.68	0.52	26.93	ppb
Silicon	28-1	4749.47	4805.88	4780.74	4778.70	0.59	ppb
Silver	109-1	0.09	0.10	0.12	0.10	15.44	ppb
Silver	107-1	0.08	0.10	0.11	0.10	16.03	ppb
Sodium	23-2	23171.90	23310.92	22802.04	23094.95	1.14	ppb
Strontium	86-1	165.50	167.95	169.46	167.64	1.19	ppb
Strontium	88-1	171.20	172.03	171.25	171.49	0.27	ppb
Sulfur	34-1	8636.58	8712.14	8613.61	8654.11	0.60	ppb
Terbium	159-1				113		%
Terbium	159-2				104		%
Thallium	203-1	0.23	0.19	0.14	0.19	22.99	ppb
Thallium	205-1	0.22	0.17	0.15	0.18	19.90	ppb
Thorium	232-1	0.09	0.08	0.08	0.08	4.82	ppb
Tin	118-1	0.17	0.21	0.23	0.20	14.87	ppb
Titanium	47-1	0.89	0.89	0.73	0.84	10.69	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.91	ppb
Vanadium	51-2	0.28	0.27	0.28	0.28	3.39	ppb
Yttrium	89-1				115		%
Yttrium	89-2				102		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6036-01	Instrumnet Name :	P7
Client Sample ID :	391121720	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:55:27	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	18.57	18.32	18.80	18.56	1.31	ppb
Zirconium	90-1	0.09	0.08	0.09	0.09	6.44	ppb
Zirconium	91-1	0.10	0.09	0.08	0.09	8.18	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6035-01	Instrumnet Name :	P7
Client Sample ID :	391121719	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:59:04	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.39	36.57	34.72	36.23	3.77	ppb
Antimony	121-1	0.33	0.35	0.36	0.35	3.86	ppb
Arsenic	75-1	5.05	5.02	5.26	5.11	2.49	ppb
Barium	135-1	10.37	10.29	10.24	10.30	0.64	ppb
Barium	137-1	9.88	10.48	10.37	10.24	3.10	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	227.06	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	11-1	415.23	426.80	433.84	425.29	2.21	ppb
Boron	10-1	412.17	419.18	427.38	419.58	1.81	ppb
Cadmium	106-1	-0.84	-0.48	-0.48	-0.60		ppb
Cadmium	108-1	0.01	-0.01	0.03	0.01	202.41	ppb
Cadmium	111-1	-0.04	0.01	0.00	-0.01		ppb
Calcium	43-1	1457.49	1468.04	1452.42	1459.32	0.55	ppb
Calcium	44-1	1489.03	1487.00	1468.22	1481.42	0.77	ppb
Chromium	52-2	0.18	0.14	0.17	0.16	14.51	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	3.05	3.06	3.08	3.06	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				109		%
Indium	115-2				98		%
Iron	56-2	71.53	72.31	71.79	71.88	0.56	ppb
Iron	57-2	76.24	72.68	75.36	74.76	2.48	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.33	0.38	0.36	7.18	ppb
Lead	207-1	0.32	0.35	0.35	0.34	4.91	ppb
Lead	208-1	0.31	0.38	0.35	0.35	10.01	ppb
Lithium	6-1				107		%
Magnesium	24-2	486.49	488.51	489.33	488.11	0.30	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6035-01	Instrumnet Name :	P7
Client Sample ID :	391121719	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:59:04	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.48	4.23	4.34	4.35	2.97	ppb
Molybdenum	94-1	0.94	0.95	0.97	0.95	1.51	ppb
Molybdenum	95-1	1.07	1.11	1.12	1.10	2.53	ppb
Molybdenum	96-1	1.02	1.14	1.04	1.07	6.29	ppb
Molybdenum	97-1	1.07	0.98	1.04	1.03	4.58	ppb
Molybdenum	98-1	1.10	1.03	1.10	1.08	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.07	0.01	0.02	287.78	ppb
Phosphorus	31-2	58.60	53.83	52.46	54.97	5.86	ppb
Potassium	39-2	3513.72	3550.51	3559.12	3541.12	0.68	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	77-2	0.88	0.22	-0.11	0.33	153.94	ppb
Selenium	78-2	-0.05	-0.75	0.08	-0.24		ppb
Selenium	82-1	0.50	0.32	0.03	0.28	82.90	ppb
Silicon	28-1	4076.87	4075.26	4004.61	4052.24	1.02	ppb
Silver	109-1	0.07	0.09	0.09	0.08	15.86	ppb
Silver	107-1	0.06	0.08	0.09	0.08	24.53	ppb
Sodium	23-2	96648.35	97124.83	97181.25	96984.81	0.30	ppb
Strontium	86-1	61.52	61.07	61.64	61.41	0.49	ppb
Strontium	88-1	60.86	61.21	60.82	60.97	0.35	ppb
Sulfur	34-1	696.71	698.87	786.11	727.23	7.01	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.04	0.03	0.03	18.72	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	18.14	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	1.08	ppb
Tin	118-1	0.16	0.21	0.21	0.19	15.03	ppb
Titanium	47-1	0.48	0.39	0.47	0.45	11.64	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	152.56	ppb
Vanadium	51-2	0.16	0.19	0.16	0.17	10.31	ppb
Yttrium	89-1				110		%
Yttrium	89-2				100		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6035-01	Instrumnet Name :	P7
Client Sample ID :	391121719	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:59:04	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	20.83	21.26	20.79	20.96	1.25	ppb
Zirconium	90-1	0.12	0.16	0.19	0.15	19.55	ppb
Zirconium	91-1	0.13	0.14	0.16	0.14	9.82	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6041-01	Instrumnet Name :	P7
Client Sample ID :	391120776	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:03:13	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.82	7.25	6.73	7.26	7.47	ppb
Antimony	121-1	0.36	0.37	0.38	0.37	2.36	ppb
Arsenic	75-1	4.00	4.28	4.11	4.13	3.40	ppb
Barium	135-1	75.83	74.28	74.57	74.89	1.10	ppb
Barium	137-1	75.42	76.18	75.78	75.79	0.50	ppb
Beryllium	9-1	0.02	0.00	-0.02	0.00	988.29	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	11-1	40.26	40.68	40.80	40.58	0.71	ppb
Boron	10-1	40.48	41.38	40.74	40.87	1.13	ppb
Cadmium	106-1	-1.06	-1.35	-1.54	-1.32		ppb
Cadmium	108-1	-0.01	0.03	0.03	0.01	181.86	ppb
Cadmium	111-1	-0.06	-0.08	-0.10	-0.08		ppb
Calcium	43-1	17991.59	18276.26	18320.46	18196.10	0.98	ppb
Calcium	44-1	18403.39	18311.48	18480.62	18398.50	0.46	ppb
Chromium	52-2	0.23	0.19	0.24	0.22	11.68	ppb
Cobalt	59-2	1.86	1.81	1.88	1.85	1.91	ppb
Copper	63-2	5.94	5.89	6.12	5.98	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	56-2	237.68	233.66	234.47	235.27	0.90	ppb
Iron	57-2	297.12	294.56	296.95	296.21	0.48	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.31	0.36	0.34	8.94	ppb
Lead	207-1	0.36	0.31	0.34	0.34	6.75	ppb
Lead	208-1	0.32	0.39	0.35	0.35	9.77	ppb
Lithium	6-1				107		%
Magnesium	24-2	3525.43	3498.69	3506.41	3510.18	0.39	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6041-01	Instrumnet Name :	P7
Client Sample ID :	391120776	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:03:13	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	223.86	220.20	220.13	221.40	0.96	ppb
Molybdenum	94-1	0.06	0.07	0.08	0.07	13.67	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.03	24.54	ppb
Molybdenum	96-1	0.03	0.03	0.04	0.03	15.82	ppb
Molybdenum	97-1	0.04	0.04	0.03	0.04	18.32	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	4.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.19	1.04	1.11	6.91	ppb
Phosphorus	31-2	109.21	98.23	112.80	106.75	7.11	ppb
Potassium	39-2	5173.51	5133.03	5179.36	5161.97	0.49	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				101		%
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	-0.11	-0.39	-0.33	-0.27		ppb
Selenium	82-1	0.13	0.88	0.78	0.60	68.74	ppb
Silicon	28-1	3818.76	3820.50	3820.94	3820.07	0.03	ppb
Silver	109-1	0.06	0.07	0.07	0.07	14.65	ppb
Silver	107-1	0.05	0.06	0.07	0.06	12.59	ppb
Sodium	23-2	32613.72	32148.43	32347.74	32369.96	0.72	ppb
Strontium	86-1	910.03	912.85	905.41	909.43	0.41	ppb
Strontium	88-1	923.34	930.43	922.68	925.48	0.46	ppb
Sulfur	34-1	7031.26	7165.93	7070.90	7089.36	0.98	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.17	0.15	0.17	0.16	5.38	ppb
Thallium	205-1	0.16	0.14	0.15	0.15	5.34	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	35.86	ppb
Tin	118-1	0.27	0.28	0.28	0.28	1.42	ppb
Titanium	47-1	0.65	0.67	0.53	0.62	12.58	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.13	0.12	0.11	0.12	6.30	ppb
Yttrium	89-1				111		%
Yttrium	89-2				101		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6041-01	Instrumnet Name :	P7
Client Sample ID :	391120776	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:03:13	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.84	15.97	15.84	15.89	0.46	ppb
Zirconium	90-1	0.03	0.03	0.04	0.04	12.77	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	41.24	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:09:20	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51698.80	49237.64	51153.54	50696.66	2.55	ppb
Antimony	121-1	509.86	483.96	484.42	492.75	3.01	ppb
Arsenic	75-1	529.74	497.74	499.47	508.98	3.54	ppb
Barium	135-1	2585.09	2455.81	2458.55	2499.82	2.95	ppb
Barium	137-1	2593.69	2491.32	2471.47	2518.82	2.60	ppb
Beryllium	9-1	516.55	494.18	487.16	499.30	3.07	ppb
Bismuth	209-1				84		%
Bismuth	209-2				80		%
Boron	11-1	500.74	482.19	479.31	487.41	2.39	ppb
Boron	10-1	507.81	485.70	491.20	494.91	2.33	ppb
Cadmium	106-1	536.80	515.81	516.88	523.17	2.26	ppb
Cadmium	108-1	534.84	510.60	507.20	517.54	2.91	ppb
Cadmium	111-1	534.71	516.66	510.21	520.53	2.44	ppb
Calcium	43-1	249814.93	239764.45	238535.32	242704.90	2.55	ppb
Calcium	44-1	250524.05	239779.00	237732.14	242678.39	2.83	ppb
Chromium	52-2	511.68	487.20	505.38	501.42	2.53	ppb
Cobalt	59-2	491.56	471.20	483.21	481.99	2.12	ppb
Copper	63-2	1061.18	1018.51	1048.19	1042.63	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	128967.24	124850.59	127164.17	126994.00	1.62	ppb
Iron	57-2	128513.72	123236.29	127150.14	126300.05	2.17	ppb
Krypton	83-1						cps
Lead	206-1	526.91	493.82	494.88	505.20	3.72	ppb
Lead	207-1	525.86	492.87	487.44	502.06	4.14	ppb
Lead	208-1	530.72	497.25	498.26	508.74	3.74	ppb
Lithium	6-1				90		%
Magnesium	24-2	249335.21	238722.06	245089.61	244382.30	2.19	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:09:20	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	988.32	960.34	978.12	975.59	1.45	ppb
Molybdenum	94-1	2566.28	2448.13	2441.95	2485.46	2.82	ppb
Molybdenum	95-1	2566.86	2418.54	2417.27	2467.56	3.49	ppb
Molybdenum	96-1	2562.67	2406.48	2423.08	2464.07	3.48	ppb
Molybdenum	97-1	2551.52	2419.89	2431.00	2467.47	2.96	ppb
Molybdenum	98-1	2568.52	2436.10	2428.63	2477.75	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.67	472.56	481.06	481.43	1.88	ppb
Phosphorus	31-2	10020.75	9780.07	9814.32	9871.71	1.32	ppb
Potassium	39-2	126035.39	119196.86	124250.90	123161.05	2.88	ppb
Rhodium	103-1				85		%
Rhodium	103-2				82		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	77-2	519.63	482.79	530.78	511.07	4.91	ppb
Selenium	78-2	527.27	493.14	512.58	511.00	3.35	ppb
Selenium	82-1	527.42	500.99	499.89	509.43	3.06	ppb
Silicon	28-1	591.03	580.02	584.13	585.06	0.95	ppb
Silver	109-1	538.71	513.25	515.90	522.62	2.68	ppb
Silver	107-1	537.63	511.59	512.50	520.57	2.84	ppb
Sodium	23-2	246804.60	237712.83	243717.53	242744.99	1.90	ppb
Strontium	86-1	511.87	483.12	483.26	492.75	3.36	ppb
Strontium	88-1	514.58	489.43	489.19	497.73	2.93	ppb
Sulfur	34-1	10849.20	10041.21	9801.62	10230.68	5.37	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	532.74	499.37	504.74	512.28	3.50	ppb
Thallium	205-1	529.73	497.17	503.19	510.03	3.40	ppb
Thorium	232-1	536.17	510.75	511.00	519.31	2.81	ppb
Tin	118-1	509.65	488.16	484.83	494.21	2.73	ppb
Titanium	47-1	2552.25	2472.40	2452.56	2492.40	2.12	ppb
Uranium	238-1	535.53	507.00	507.20	516.58	3.18	ppb
Vanadium	51-2	510.29	485.96	504.22	500.16	2.53	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:09:20	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1064.69	1015.92	1037.94	1039.52	2.35	ppb
Zirconium	90-1	511.15	494.49	483.74	496.46	2.78	ppb
Zirconium	91-1	514.82	490.72	479.45	495.00	3.65	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:13:50	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.77	1.43	0.93	1.05	32.89	ppb
Antimony	121-1	0.31	0.30	0.35	0.32	8.29	ppb
Arsenic	75-1	-0.08	-0.06	-0.11	-0.08		ppb
Barium	135-1	0.08	0.04	0.04	0.05	44.15	ppb
Barium	137-1	0.05	0.04	0.04	0.04	9.25	ppb
Beryllium	9-1	0.01	0.03	0.03	0.02	49.05	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	11-1	10.85	9.87	9.21	9.98	8.26	ppb
Boron	10-1	10.45	9.43	9.54	9.81	5.72	ppb
Cadmium	106-1	-1.09	-1.51	-0.47	-1.02		ppb
Cadmium	108-1	0.05	0.01	0.00	0.02	140.12	ppb
Cadmium	111-1	-0.06	-0.09	-0.02	-0.06		ppb
Calcium	43-1	2.86	9.84	8.67	7.12	52.48	ppb
Calcium	44-1	5.85	5.49	6.44	5.93	8.03	ppb
Chromium	52-2	0.04	0.01	0.03	0.03	47.86	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.12	0.07	0.06	0.08	36.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-2						cps
Erbium	164-1						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	3.84	3.82	3.50	3.72	5.14	ppb
Iron	57-2	2.96	3.09	3.55	3.20	9.72	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.18	0.16	0.18	8.11	ppb
Lead	207-1	0.18	0.16	0.17	0.17	4.56	ppb
Lead	208-1	0.19	0.18	0.20	0.19	5.01	ppb
Lithium	6-1				99		%
Magnesium	24-2	6.38	6.46	6.98	6.61	4.93	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:13:50	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.03	-0.01	-0.02		ppb
Molybdenum	94-1	0.24	0.29	0.21	0.25	14.98	ppb
Molybdenum	95-1	0.31	0.29	0.27	0.29	6.60	ppb
Molybdenum	96-1	0.26	0.27	0.25	0.26	3.63	ppb
Molybdenum	97-1	0.31	0.28	0.30	0.30	4.39	ppb
Molybdenum	98-1	0.29	0.25	0.27	0.27	7.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.30	-0.26	-0.27	-0.28		ppb
Phosphorus	31-2	-36.66	-39.77	-33.56	-36.66		ppb
Potassium	39-2	16.40	16.03	14.90	15.78	4.94	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	77-2	-0.11	-0.11	-0.11	-0.11		ppb
Selenium	78-2	0.84	-0.22	0.05	0.22	244.21	ppb
Selenium	82-1	0.54	0.45	0.35	0.44	20.99	ppb
Silicon	28-1	1.81	2.11	1.68	1.87	11.76	ppb
Silver	109-1	0.03	0.03	0.03	0.03	5.89	ppb
Silver	107-1	0.03	0.03	0.03	0.03	3.61	ppb
Sodium	23-2	40.57	40.03	39.22	39.94	1.70	ppb
Strontium	86-1	0.02	0.01	0.01	0.01	63.20	ppb
Strontium	88-1	0.01	0.02	0.02	0.02	20.51	ppb
Sulfur	34-1	-134.27	-65.22	-46.64	-82.04		ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.04	0.03	0.04	0.04	14.90	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	3.45	ppb
Thorium	232-1	0.09	0.08	0.09	0.09	4.12	ppb
Tin	118-1	0.11	0.15	0.17	0.14	20.60	ppb
Titanium	47-1	0.00	-0.01	0.00	0.00		ppb
Uranium	238-1	0.01	0.02	0.01	0.01	17.45	ppb
Vanadium	51-2	0.02	0.01	0.00	0.01	76.10	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:13:50	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	0.09	0.12	0.07	85.10	ppb
Zirconium	90-1	0.04	0.06	0.06	0.06	18.41	ppb
Zirconium	91-1	0.03	0.07	0.07	0.06	46.54	ppb

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:44:37	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	42	31	41.66	cps
Antimony	121-1	75	100	75	83	17.32	cps
Arsenic	75-1	-1164	-1265	-1187	-1205	-4.40	cps
Barium	135-1	133	167	108	136	21.50	cps
Barium	137-1	217	183	217	206	9.36	cps
Beryllium	9-1	139	117	100	119	16.46	cps
Bismuth	209-1	14424950	14456418	14519986	14467118	0.33	cps
Bismuth	209-2	7985529	8051643	7709187	7915453	2.30	cps
Boron	11-1	1675	1550	1750	1659	6.09	cps
Boron	10-1	408	367	358	378	7.09	cps
Cadmium	106-1	8420	8395	8628	8481	1.51	cps
Cadmium	108-1	29	29	21	26	18.25	cps
Cadmium	111-1	5923	5939	6104	5989	1.67	cps
Calcium	43-1	275	250	250	258	5.59	cps
Calcium	44-1	8528	8812	8537	8626	1.87	cps
Chromium	52-2	1047	973	987	1002	3.90	cps
Cobalt	59-2	340	297	277	304	10.63	cps
Copper	63-2	770	917	760	816	10.75	cps
Dysprosium	156-1	200	208	200	203	2.37	cps
Dysprosium	156-2	40	47	33	40	16.68	cps
Erbium	164-2	57	57	83	66	23.49	cps
Erbium	164-1	125	167	83	125	33.33	cps
Gadolinium	160-1	150	158	125	144	12.01	cps
Gadolinium	160-2	360	307	350	339	8.36	cps
Holmium	165-1	21844411	22078765	22220968	22048048	0.86	cps
Holmium	165-2	10516789	10686161	10194546	10465832	2.39	cps
Indium	115-1	16115614	16180186	16318859	16204886	0.64	cps
Indium	115-2	2809225	2847972	2729061	2795419	2.17	cps
Iron	56-2	6029	6035	6302	6122	2.54	cps
Iron	57-2	239	183	233	219	14.00	cps
Krypton	83-1	1023	1090	1100	1071	3.89	cps
Lead	206-1	1861	1856	1761	1826	3.08	cps
Lead	207-1	1561	1567	1889	1672	11.22	cps
Lead	208-1	1753	1834	2264	1950	14.09	cps
Lithium	6-1	3991663	3983328	4002918	3992636	0.25	cps
Magnesium	24-2	225	275	258	253	10.07	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:44:37	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	217	220	190	209	7.87	cps
Molybdenum	94-1	367	458	325	383	17.79	cps
Molybdenum	95-1	58	83	58	67	21.65	cps
Molybdenum	96-1	175	225	183	194	13.78	cps
Molybdenum	97-1	58	67	83	69	18.33	cps
Molybdenum	98-1	175	175	150	167	8.66	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	810	787	737	778	4.82	cps
Phosphorus	31-2	92	92	67	83	17.32	cps
Potassium	39-2	16818	17611	16877	17102	2.58	cps
Rhodium	103-1	14645745	14499101	14593057	14579301	0.51	cps
Rhodium	103-2	6711486	6769966	6451494	6644316	2.55	cps
Scandium	45-1	9010028	9049055	8935508	8998197	0.64	cps
Scandium	45-2	365558	375229	356220	365669	2.60	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	56	43	56	51	14.61	cps
Selenium	82-1	-63	-116	-132	-104	-34.96	cps
Silicon	28-1	130726	132230	131979	131645	0.61	cps
Silver	109-1	25	33	25	28	17.31	cps
Silver	107-1	175	183	142	167	13.23	cps
Sodium	23-2	11588	11513	11797	11633	1.26	cps
Strontium	86-1	1800	1592	1508	1633	9.20	cps
Strontium	88-1	350	167	275	264	34.93	cps
Sulfur	34-1	419518	412142	412868	414843	0.98	cps
Terbium	159-1	22344386	22184701	22220400	22249829	0.38	cps
Terbium	159-2	10212105	10295903	9741664	10083224	2.96	cps
Thallium	203-1	1075	883	983	981	9.78	cps
Thallium	205-1	1767	2067	1884	1906	7.94	cps
Thorium	232-1	2272	2317	2311	2300	1.05	cps
Tin	118-1	1175	1267	1233	1225	3.79	cps
Titanium	47-1	217	317	308	281	19.78	cps
Uranium	238-1	2734	3051	2750	2845	6.27	cps
Vanadium	51-2	17	7	7	10	57.72	cps
Yttrium	89-1	18822582	18730966	18914754	18822767	0.49	cps
Yttrium	89-2	2343150	2390251	2277820	2337074	2.42	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:44:37	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	857	800	747	801	6.87	cps
Zirconium	90-1	858	917	1000	925	7.70	cps
Zirconium	91-1	200	233	217	217	7.69	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:48:14	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2384	2242	1950	2192	10.08	cps
Antimony	121-1	26610	26442	25015	26022	3.37	cps
Arsenic	75-1	1292	1023	986	1100	15.18	cps
Barium	135-1	33575	32990	33199	33255	0.89	cps
Barium	137-1	58055	57737	58649	58147	0.80	cps
Beryllium	9-1	2628	2661	2600	2630	1.16	cps
Bismuth	209-1	14479818	14586294	14728588	14598233	0.85	cps
Bismuth	209-2	7577728	7603291	7582586	7587868	0.18	cps
Boron	11-1	47459	48729	48378	48189	1.36	cps
Boron	10-1	10371	10312	10221	10301	0.73	cps
Cadmium	106-1	8945	9145	8728	8939	2.33	cps
Cadmium	108-1	300	400	267	322	21.53	cps
Cadmium	111-1	9777	10064	9969	9937	1.47	cps
Calcium	43-1	18571	18662	18838	18690	0.73	cps
Calcium	44-1	308509	310176	306521	308402	0.59	cps
Chromium	52-2	7806	7419	7132	7452	4.54	cps
Cobalt	59-2	5705	5735	5638	5692	0.87	cps
Copper	63-2	9106	9060	8716	8961	2.38	cps
Dysprosium	156-1	50	100	83	78	32.73	cps
Dysprosium	156-2	33	20	13	22	45.83	cps
Erbium	164-2	70	87	87	81	11.87	cps
Erbium	164-1	108	92	158	119	29.05	cps
Gadolinium	160-1	192	117	167	158	24.12	cps
Gadolinium	160-2	350	317	313	327	6.21	cps
Holmium	165-1	22204867	22113227	22143342	22153812	0.21	cps
Holmium	165-2	10156329	10139198	10165992	10153840	0.13	cps
Indium	115-1	16508424	16373987	16435502	16439304	0.41	cps
Indium	115-2	2723833	2725142	2721181	2723385	0.07	cps
Iron	56-2	158709	152185	142226	151040	5.50	cps
Iron	57-2	3940	3695	4084	3906	5.03	cps
Krypton	83-1	1093	970	997	1020	6.36	cps
Lead	206-1	13563	13613	13774	13650	0.81	cps
Lead	207-1	12506	12195	12028	12243	1.98	cps
Lead	208-1	20782	20084	20004	20290	2.11	cps
Lithium	6-1	4011721	4032741	4016463	4020308	0.27	cps
Magnesium	24-2	132382	130967	122941	128763	3.95	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:48:14	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2287	2204	2047	2179	5.59	cps
Molybdenum	94-1	26050	24855	25064	25323	2.52	cps
Molybdenum	95-1	32755	32922	32630	32769	0.45	cps
Molybdenum	96-1	37450	36138	36731	36773	1.79	cps
Molybdenum	97-1	21609	22185	20816	21536	3.19	cps
Molybdenum	98-1	53242	52473	53484	53067	1.00	cps
Neodymium	150-1	33	7	33	24	62.97	cps
Neodymium	150-2	17	3	13	11	62.48	cps
Nickel	60-2	2354	2164	2134	2217	5.38	cps
Phosphorus	31-2	467	383	367	406	13.21	cps
Potassium	39-2	128050	125629	124343	126007	1.49	cps
Rhodium	103-1	14617053	14626516	14725123	14656231	0.41	cps
Rhodium	103-2	6484389	6516572	6515127	6505363	0.28	cps
Scandium	45-1	8998284	9017863	8914495	8976880	0.61	cps
Scandium	45-2	352115	351902	351639	351885	0.07	cps
Selenium	77-2	40	33	57	43	27.74	cps
Selenium	78-2	235	228	211	225	5.49	cps
Selenium	82-1	1445	1491	1527	1488	2.76	cps
Silicon	28-1	202876	202206	202391	202491	0.17	cps
Silver	109-1	18972	18788	19531	19097	2.03	cps
Silver	107-1	20315	19347	20223	19962	2.68	cps
Sodium	23-2	259483	255329	251254	255355	1.61	cps
Strontium	86-1	5693	5868	5876	5813	1.78	cps
Strontium	88-1	37241	35854	35595	36230	2.44	cps
Sulfur	34-1	428586	424837	420884	424769	0.91	cps
Terbium	159-1	22360533	22253881	22443721	22352712	0.43	cps
Terbium	159-2	9805549	9771717	9719153	9765473	0.45	cps
Thallium	203-1	15409	14692	14909	15003	2.45	cps
Thallium	205-1	36384	34805	37011	36066	3.15	cps
Thorium	232-1	38173	36362	35309	36615	3.96	cps
Tin	118-1	58723	58280	58121	58375	0.53	cps
Titanium	47-1	8770	8928	8945	8881	1.09	cps
Uranium	238-1	50733	48091	49111	49312	2.70	cps
Vanadium	51-2	13910	13176	12669	13252	4.71	cps
Yttrium	89-1	19017135	18888731	18813247	18906371	0.55	cps
Yttrium	89-2	2265308	2261611	2257435	2261451	0.17	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:48:14	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2247	2230	2324	2267	2.20	cps
Zirconium	90-1	17862	17653	16418	17311	4.51	cps
Zirconium	91-1	3992	3717	4034	3915	4.40	cps

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 14:53:07 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108794	110246	105596	108212	2.20	cps
Antimony	121-1	666057	661737	672398	666731	0.80	cps
Arsenic	75-1	139907	144468	145747	143374	2.14	cps
Barium	135-1	832862	828520	844240	835207	0.97	cps
Barium	137-1	1451698	1453549	1463825	1456357	0.45	cps
Beryllium	9-1	124725	124713	124506	124648	0.10	cps
Bismuth	209-1	14245463	14131691	14425575	14267576	1.04	cps
Bismuth	209-2	7579553	7641168	7578361	7599694	0.47	cps
Boron	11-1	93447	97305	100038	96930	3.42	cps
Boron	10-1	20999	21082	21216	21099	0.52	cps
Cadmium	106-1	30509	30158	30626	30431	0.80	cps
Cadmium	108-1	15213	15238	15542	15331	1.20	cps
Cadmium	111-1	202407	203977	203116	203167	0.39	cps
Calcium	43-1	191146	194193	195105	193482	1.07	cps
Calcium	44-1	3128933	3112866	3150013	3130604	0.60	cps
Chromium	52-2	174601	176438	172746	174595	1.06	cps
Cobalt	59-2	301086	298586	293726	297799	1.26	cps
Copper	63-2	428635	423649	423633	425305	0.68	cps
Dysprosium	156-1	208	158	158	175	16.50	cps
Dysprosium	156-2	40	47	37	41	12.39	cps
Erbium	164-2	57	83	87	76	21.76	cps
Erbium	164-1	108	167	108	128	26.36	cps
Gadolinium	160-1	133	208	175	172	21.82	cps
Gadolinium	160-2	360	353	273	329	14.66	cps
Holmium	165-1	21766276	21892836	21958869	21872660	0.45	cps
Holmium	165-2	10251245	10293205	10200008	10248153	0.46	cps
Indium	115-1	16153356	16075780	16325712	16184949	0.79	cps
Indium	115-2	2711719	2722114	2698958	2710930	0.43	cps
Iron	56-2	7455100	7505151	7376033	7445428	0.87	cps
Iron	57-2	185424	189772	184422	186539	1.52	cps
Krypton	83-1	990	1073	1057	1040	4.24	cps
Lead	206-1	600944	609841	614042	608276	1.10	cps
Lead	207-1	536949	540946	550275	542723	1.26	cps
Lead	208-1	927447	920690	931454	926530	0.59	cps
Lithium	6-1	3992575	4012587	4040636	4015266	0.60	cps
Magnesium	24-2	1345381	1345483	1325023	1338629	0.88	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:53:07	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	204148	205041	202561	203917	0.62	cps
Molybdenum	94-1	1303354	1300046	1318292	1307231	0.74	cps
Molybdenum	95-1	1586640	1586804	1620784	1598076	1.23	cps
Molybdenum	96-1	1782133	1787534	1820057	1796575	1.14	cps
Molybdenum	97-1	998023	1009166	1013185	1006791	0.78	cps
Molybdenum	98-1	2560027	2575905	2598118	2578016	0.74	cps
Neodymium	150-1	113	120	73	102	24.69	cps
Neodymium	150-2	30	33	23	29	17.63	cps
Nickel	60-2	80557	79923	78857	79779	1.08	cps
Phosphorus	31-2	5593	5935	6026	5851	3.90	cps
Potassium	39-2	591566	594211	582138	589305	1.08	cps
Rhodium	103-1	14313026	14346745	14508905	14389559	0.73	cps
Rhodium	103-2	6461763	6430345	6458871	6450326	0.27	cps
Scandium	45-1	8907733	8923317	8989140	8940063	0.48	cps
Scandium	45-2	353667	352946	353148	353254	0.11	cps
Selenium	77-2	597	507	483	529	11.32	cps
Selenium	78-2	1841	1887	1845	1858	1.39	cps
Selenium	82-1	14421	14707	14642	14590	1.03	cps
Silicon	28-1	538464	545723	548242	544143	0.93	cps
Silver	109-1	853241	862070	871336	862216	1.05	cps
Silver	107-1	882993	902414	903499	896302	1.29	cps
Sodium	23-2	2570037	2578307	2572350	2573565	0.17	cps
Strontium	86-1	210397	211478	210578	210818	0.27	cps
Strontium	88-1	1808960	1830861	1849704	1829842	1.11	cps
Sulfur	34-1	486502	489436	484166	486701	0.54	cps
Terbium	159-1	22151012	22198917	22288761	22212897	0.31	cps
Terbium	159-2	9785015	9823682	9830067	9812921	0.25	cps
Thallium	203-1	738415	741207	737411	739011	0.27	cps
Thallium	205-1	1781072	1780093	1780878	1780681	0.03	cps
Thorium	232-1	2449925	2429392	2471264	2450194	0.85	cps
Tin	118-1	574558	576252	580313	577041	0.51	cps
Titanium	47-1	412994	413927	421529	416150	1.13	cps
Uranium	238-1	2405337	2388509	2446226	2413357	1.23	cps
Vanadium	51-2	137160	138096	136353	137203	0.64	cps
Yttrium	89-1	18765594	18682018	18839039	18762217	0.42	cps
Yttrium	89-2	2272962	2291983	2284410	2283118	0.42	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:53:07	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	67207	66511	66845	66855	0.52	cps
Zirconium	90-1	1082480	1085665	1087160	1085102	0.22	cps
Zirconium	91-1	245743	240684	246209	244212	1.25	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:57:17	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	266086	266497	265175	265919	0.25	cps
Antimony	121-1	1671595	1691982	1678901	1680826	0.61	cps
Arsenic	75-1	353282	355623	350060	352988	0.79	cps
Barium	135-1	2094409	2119263	2083768	2099147	0.87	cps
Barium	137-1	3599578	3613112	3610237	3607643	0.20	cps
Beryllium	9-1	311730	310039	310301	310690	0.29	cps
Bismuth	209-1	14252929	14419839	14040436	14237735	1.34	cps
Bismuth	209-2	7537035	7621863	7167617	7442172	3.25	cps
Boron	11-1	231378	232803	236116	233432	1.04	cps
Boron	10-1	49332	50636	50519	50162	1.44	cps
Cadmium	106-1	64088	63275	62982	63448	0.90	cps
Cadmium	108-1	37324	38222	36710	37419	2.03	cps
Cadmium	111-1	495046	498789	495420	496418	0.42	cps
Calcium	43-1	484215	477179	478765	480053	0.77	cps
Calcium	44-1	7685968	7696662	7601500	7661376	0.68	cps
Chromium	52-2	420380	421929	424029	422113	0.43	cps
Cobalt	59-2	716940	709465	715814	714073	0.56	cps
Copper	63-2	1012282	1008644	1016453	1012459	0.39	cps
Dysprosium	156-1	267	200	192	219	18.73	cps
Dysprosium	156-2	50	80	80	70	24.74	cps
Erbium	164-2	40	67	90	66	38.16	cps
Erbium	164-1	142	108	142	131	14.74	cps
Gadolinium	160-1	192	158	75	142	42.42	cps
Gadolinium	160-2	320	307	287	304	5.51	cps
Holmium	165-1	22214081	22079634	21623703	21972473	1.41	cps
Holmium	165-2	10226090	10396466	9728792	10117116	3.43	cps
Indium	115-1	16186807	16076881	15660078	15974589	1.74	cps
Indium	115-2	2663163	2698707	2538568	2633479	3.19	cps
Iron	56-2	18139805	18123460	18319143	18194136	0.60	cps
Iron	57-2	451858	446680	452684	450407	0.72	cps
Krypton	83-1	1127	1010	937	1024	9.35	cps
Lead	206-1	1506325	1521700	1513366	1513797	0.51	cps
Lead	207-1	1332102	1347602	1353494	1344399	0.82	cps
Lead	208-1	2298240	2326180	2323248	2315890	0.66	cps
Lithium	6-1	3972784	3983584	3918672	3958346	0.88	cps
Magnesium	24-2	3217805	3218496	3240426	3225576	0.40	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:57:17	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	494149	493541	500414	496034	0.77	cps
Molybdenum	94-1	3291783	3274742	3220143	3262223	1.15	cps
Molybdenum	95-1	4002839	3994867	3958376	3985360	0.59	cps
Molybdenum	96-1	4451894	4490352	4428438	4456894	0.70	cps
Molybdenum	97-1	2496660	2515104	2499007	2503590	0.40	cps
Molybdenum	98-1	6417682	6390041	6331781	6379835	0.69	cps
Neodymium	150-1	253	220	193	222	13.53	cps
Neodymium	150-2	33	40	13	29	48.05	cps
Nickel	60-2	188351	188394	191145	189297	0.85	cps
Phosphorus	31-2	13698	14474	14408	14193	3.03	cps
Potassium	39-2	1391328	1383793	1409207	1394776	0.94	cps
Rhodium	103-1	14202626	14352793	13791545	14115654	2.06	cps
Rhodium	103-2	6400523	6400206	5995997	6265575	3.73	cps
Scandium	45-1	8871210	8934115	8610492	8805273	1.95	cps
Scandium	45-2	346320	354379	331970	344223	3.30	cps
Selenium	77-2	1313	1367	1257	1312	4.19	cps
Selenium	78-2	4301	4434	4579	4438	3.13	cps
Selenium	82-1	35513	36012	35895	35807	0.73	cps
Silicon	28-1	1143646	1159999	1157237	1153627	0.76	cps
Silver	109-1	2093737	2109297	2096633	2099889	0.39	cps
Silver	107-1	2175799	2192593	2178283	2182225	0.42	cps
Sodium	23-2	6158855	6180365	6224611	6187944	0.54	cps
Strontium	86-1	519550	528919	519016	522495	1.07	cps
Strontium	88-1	4535092	4551943	4530374	4539136	0.25	cps
Sulfur	34-1	584893	581688	571572	579384	1.20	cps
Terbium	159-1	22336850	22463986	21803595	22201477	1.58	cps
Terbium	159-2	9756353	9901179	9249561	9635697	3.55	cps
Thallium	203-1	1858672	1856653	1853563	1856296	0.14	cps
Thallium	205-1	4408972	4408266	4424411	4413883	0.21	cps
Thorium	232-1	6247770	6209496	6209404	6222224	0.36	cps
Tin	118-1	1437190	1442703	1431707	1437200	0.38	cps
Titanium	47-1	1030181	1030071	1036337	1032196	0.35	cps
Uranium	238-1	6009435	5992937	6006021	6002798	0.15	cps
Vanadium	51-2	330694	333338	335171	333068	0.68	cps
Yttrium	89-1	18712707	18734702	18326813	18591407	1.23	cps
Yttrium	89-2	2224289	2273566	2120434	2206096	3.54	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 14:57:17	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	159494	159322	159464	159427	0.06	cps
Zirconium	90-1	2744282	2731931	2729944	2735386	0.28	cps
Zirconium	91-1	613493	616501	607244	612412	0.77	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:01:08	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	502972	512327	503954	506417	1.02	cps
Antimony	121-1	3246990	3246292	3267429	3253570	0.37	cps
Arsenic	75-1	678298	667572	667603	671157	0.92	cps
Barium	135-1	4045594	4011169	4073518	4043427	0.77	cps
Barium	137-1	6877805	6887861	6891208	6885625	0.10	cps
Beryllium	9-1	581379	579545	584966	581963	0.47	cps
Bismuth	209-1	13693104	13950163	13888743	13844003	0.97	cps
Bismuth	209-2	7259591	7283203	7227931	7256908	0.38	cps
Boron	11-1	440540	443762	456422	446908	1.88	cps
Boron	10-1	92281	92516	98469	94422	3.71	cps
Cadmium	106-1	108717	110932	114308	111319	2.53	cps
Cadmium	108-1	71065	71697	72267	71676	0.84	cps
Cadmium	111-1	942303	939165	948201	943223	0.49	cps
Calcium	43-1	917545	904697	906714	909652	0.76	cps
Calcium	44-1	14602609	14476078	14557322	14545336	0.44	cps
Chromium	52-2	803924	812998	803901	806941	0.65	cps
Cobalt	59-2	1369383	1379267	1354280	1367643	0.92	cps
Copper	63-2	1928951	1937203	1920148	1928767	0.44	cps
Dysprosium	156-1	217	183	183	194	9.90	cps
Dysprosium	156-2	73	110	117	100	23.33	cps
Erbium	164-2	90	70	80	80	12.50	cps
Erbium	164-1	167	75	192	144	42.53	cps
Gadolinium	160-1	158	142	175	158	10.53	cps
Gadolinium	160-2	360	343	397	367	7.44	cps
Holmium	165-1	21282542	21603002	21491730	21459091	0.76	cps
Holmium	165-2	9951123	10064935	9909436	9975165	0.81	cps
Indium	115-1	15316109	15353476	15407508	15359031	0.30	cps
Indium	115-2	2555222	2590975	2538590	2561595	1.04	cps
Iron	56-2	34927301	35335326	34695964	34986197	0.93	cps
Iron	57-2	858514	876969	859318	864934	1.21	cps
Krypton	83-1	1027	1017	1057	1033	2.01	cps
Lead	206-1	2934957	2936809	2930530	2934099	0.11	cps
Lead	207-1	2613229	2622683	2604523	2613478	0.35	cps
Lead	208-1	4469267	4553896	4525239	4516134	0.95	cps
Lithium	6-1	3789198	3781629	3762456	3777761	0.36	cps
Magnesium	24-2	6258842	6270538	6171377	6233586	0.87	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:01:08	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	947538	958428	946980	950982	0.68	cps
Molybdenum	94-1	6173195	6217924	6245264	6212128	0.59	cps
Molybdenum	95-1	7596135	7662535	7649920	7636197	0.46	cps
Molybdenum	96-1	8538368	8523227	8535378	8532324	0.09	cps
Molybdenum	97-1	4831866	4773834	4827164	4810954	0.67	cps
Molybdenum	98-1	12278345	12229002	12297607	12268318	0.29	cps
Neodymium	150-1	433	353	433	407	11.36	cps
Neodymium	150-2	30	60	53	48	32.97	cps
Nickel	60-2	361351	365182	356984	361172	1.14	cps
Phosphorus	31-2	26767	27209	25848	26608	2.61	cps
Potassium	39-2	2632122	2673568	2659181	2654957	0.79	cps
Rhodium	103-1	13494342	13477425	13520049	13497272	0.16	cps
Rhodium	103-2	6028804	6104360	5991039	6041401	0.96	cps
Scandium	45-1	8414620	8390017	8374757	8393131	0.24	cps
Scandium	45-2	331140	334669	330323	332044	0.70	cps
Selenium	77-2	2427	2457	2394	2426	1.31	cps
Selenium	78-2	8317	8325	8397	8346	0.53	cps
Selenium	82-1	68673	68189	67957	68273	0.53	cps
Silicon	28-1	2047169	2068831	2074680	2063560	0.70	cps
Silver	109-1	3966594	4011898	4001622	3993371	0.59	cps
Silver	107-1	4145829	4196216	4167365	4169803	0.61	cps
Sodium	23-2	11968499	12072555	11757839	11932965	1.34	cps
Strontium	86-1	1006346	998806	1013252	1006134	0.72	cps
Strontium	88-1	8623038	8541418	8663316	8609257	0.72	cps
Sulfur	34-1	711874	697895	701322	703697	1.04	cps
Terbium	159-1	21692297	21559886	21710907	21654363	0.38	cps
Terbium	159-2	9556866	9635316	9563993	9585392	0.45	cps
Thallium	203-1	3580024	3610118	3608639	3599594	0.47	cps
Thallium	205-1	8524804	8518100	8526636	8523180	0.05	cps
Thorium	232-1	12247911	12372838	12411112	12343954	0.69	cps
Tin	118-1	2767507	2757462	2771860	2765610	0.27	cps
Titanium	47-1	1951903	1965917	1932525	1950115	0.86	cps
Uranium	238-1	11867827	11953887	12012240	11944651	0.61	cps
Vanadium	51-2	637961	641803	633463	637742	0.65	cps
Yttrium	89-1	17886441	17931279	18084165	17967295	0.58	cps
Yttrium	89-2	2137365	2167931	2152093	2152463	0.71	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:01:08	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	302232	302389	302379	302333	0.03	cps
Zirconium	90-1	5265265	5256129	5279841	5267079	0.23	cps
Zirconium	91-1	1186657	1177351	1193944	1185984	0.70	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:04:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	972271	982653	985729	980218	0.72	cps
Antimony	121-1	6340407	6354151	6355995	6350184	0.13	cps
Arsenic	75-1	1285279	1293103	1290132	1289505	0.31	cps
Barium	135-1	7782237	7835139	7955339	7857572	1.13	cps
Barium	137-1	13536670	13577907	13634094	13582890	0.36	cps
Beryllium	9-1	1107961	1101185	1117536	1108894	0.74	cps
Bismuth	209-1	13461429	13618417	13768515	13616120	1.13	cps
Bismuth	209-2	7222841	6992553	6978624	7064673	1.94	cps
Boron	11-1	852657	866446	869915	863006	1.06	cps
Boron	10-1	181554	184124	182926	182868	0.70	cps
Cadmium	106-1	209417	206460	209594	208491	0.84	cps
Cadmium	108-1	137189	139016	138279	138161	0.67	cps
Cadmium	111-1	1799995	1785529	1808241	1797922	0.64	cps
Calcium	43-1	1741493	1756880	1762365	1753579	0.62	cps
Calcium	44-1	28154146	28508818	28222862	28295276	0.66	cps
Chromium	52-2	1552476	1557449	1563021	1557649	0.34	cps
Cobalt	59-2	2621160	2606435	2614537	2614044	0.28	cps
Copper	63-2	3678518	3669448	3628855	3658940	0.72	cps
Dysprosium	156-1	217	208	158	194	16.23	cps
Dysprosium	156-2	213	147	167	176	19.49	cps
Erbium	164-2	87	73	83	81	8.56	cps
Erbium	164-1	150	175	83	136	34.81	cps
Gadolinium	160-1	200	217	142	186	21.16	cps
Gadolinium	160-2	343	320	307	323	5.74	cps
Holmium	165-1	21245404	21408687	21552301	21402131	0.72	cps
Holmium	165-2	10028599	9816020	9782229	9875616	1.35	cps
Indium	115-1	14878438	14899750	15106596	14961595	0.84	cps
Indium	115-2	2525163	2501074	2466375	2497538	1.18	cps
Iron	56-2	67202699	67154489	67018650	67125279	0.14	cps
Iron	57-2	1674397	1674511	1673703	1674204	0.03	cps
Krypton	83-1	923	970	977	957	3.04	cps
Lead	206-1	5716376	5812702	5750384	5759821	0.85	cps
Lead	207-1	5043478	5154147	5093554	5097059	1.09	cps
Lead	208-1	8722665	8912452	8881501	8838873	1.15	cps
Lithium	6-1	3654486	3622750	3664518	3647251	0.60	cps
Magnesium	24-2	12091823	11901260	12022560	12005215	0.80	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:04:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1838951	1826621	1835417	1833663	0.35	cps
Molybdenum	94-1	12033462	12191311	12291752	12172175	1.07	cps
Molybdenum	95-1	14797875	14829124	15005069	14877356	0.75	cps
Molybdenum	96-1	16611620	16578964	16790048	16660211	0.68	cps
Molybdenum	97-1	9298322	9372607	9391125	9354018	0.53	cps
Molybdenum	98-1	24004643	24022742	24009621	24012335	0.04	cps
Neodymium	150-1	733	820	753	769	5.90	cps
Neodymium	150-2	80	60	93	78	21.57	cps
Nickel	60-2	682668	684506	678759	681977	0.43	cps
Phosphorus	31-2	51230	52702	51950	51961	1.42	cps
Potassium	39-2	5041285	5085810	5052395	5059830	0.46	cps
Rhodium	103-1	12943961	13072872	13046470	13021101	0.52	cps
Rhodium	103-2	5941513	5842718	5735228	5839820	1.77	cps
Scandium	45-1	8066518	8179568	8257786	8167957	1.18	cps
Scandium	45-2	330746	326941	326355	328014	0.73	cps
Selenium	77-2	4771	4728	4611	4703	1.76	cps
Selenium	78-2	15794	15848	15725	15789	0.39	cps
Selenium	82-1	129354	129759	130640	129918	0.51	cps
Silicon	28-1	3867222	3918939	3893007	3893056	0.66	cps
Silver	109-1	7697557	7667206	7709751	7691505	0.28	cps
Silver	107-1	7957730	7972297	8084132	8004719	0.86	cps
Sodium	23-2	23097706	23106422	23169570	23124566	0.17	cps
Strontium	86-1	1939913	1971500	1953685	1955033	0.81	cps
Strontium	88-1	16820921	17084059	16899276	16934752	0.80	cps
Sulfur	34-1	995233	984102	994197	991177	0.62	cps
Terbium	159-1	21400881	21607745	21552205	21520277	0.50	cps
Terbium	159-2	9579967	9394582	9323973	9432841	1.40	cps
Thallium	203-1	7024631	7088686	7096045	7069787	0.56	cps
Thallium	205-1	16845012	17172082	16840861	16952651	1.12	cps
Thorium	232-1	24730880	24905383	24777272	24804512	0.36	cps
Tin	118-1	5400507	5421965	5412257	5411576	0.20	cps
Titanium	47-1	3810085	3793108	3784265	3795819	0.35	cps
Uranium	238-1	23768748	23797034	23893126	23819636	0.27	cps
Vanadium	51-2	1236475	1234743	1241950	1237722	0.30	cps
Yttrium	89-1	17497256	17694211	17748812	17646760	0.75	cps
Yttrium	89-2	2154113	2117231	2093206	2121517	1.45	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:04:57	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	571166	572254	575181	572867	0.36	cps
Zirconium	90-1	10114233	10277181	10209184	10200199	0.80	cps
Zirconium	91-1	2284842	2312655	2305071	2300856	0.62	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:08:45	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1904062	1932091	1933932	1923362	0.87	cps
Antimony	121-1	12379748	12359810	12551044	12430201	0.85	cps
Arsenic	75-1	2486793	2486950	2484590	2486111	0.05	cps
Barium	135-1	15418745	15357894	15603261	15459966	0.83	cps
Barium	137-1	26476871	26552183	26634277	26554444	0.30	cps
Beryllium	9-1	2120470	2096556	2130053	2115693	0.82	cps
Bismuth	209-1	13173701	13177049	13288897	13213216	0.50	cps
Bismuth	209-2	6829533	6823060	6797191	6816594	0.25	cps
Boron	11-1	1648060	1685055	1701296	1678137	1.63	cps
Boron	10-1	352157	361086	356923	356722	1.25	cps
Cadmium	106-1	413540	409652	406341	409845	0.88	cps
Cadmium	108-1	278451	275597	275898	276649	0.57	cps
Cadmium	111-1	3599244	3600128	3622535	3607303	0.37	cps
Calcium	43-1	3433633	3456961	3451392	3447329	0.35	cps
Calcium	44-1	55308564	55527505	55599710	55478593	0.27	cps
Chromium	52-2	3015498	3058677	3057650	3043942	0.81	cps
Cobalt	59-2	4978260	5075908	5069354	5041174	1.08	cps
Copper	63-2	7366118	7371032	7405412	7380854	0.29	cps
Dysprosium	156-1	383	433	358	392	9.75	cps
Dysprosium	156-2	333	277	370	327	14.40	cps
Erbium	164-2	93	97	63	84	21.75	cps
Erbium	164-1	142	242	183	189	26.59	cps
Gadolinium	160-1	125	242	217	194	31.59	cps
Gadolinium	160-2	360	340	327	342	4.90	cps
Holmium	165-1	21128432	21361244	21503559	21331078	0.89	cps
Holmium	165-2	9766443	9772354	9764595	9767797	0.04	cps
Indium	115-1	14637333	14602749	14949712	14729931	1.30	cps
Indium	115-2	2443419	2453171	2434427	2443672	0.38	cps
Iron	56-2	130683422	130980636	131512950	131059003	0.32	cps
Iron	57-2	3240570	3258670	3276247	3258495	0.55	cps
Krypton	83-1	1023	1043	1010	1026	1.64	cps
Lead	206-1	11166732	11247151	11262954	11225613	0.46	cps
Lead	207-1	10044581	9964661	10064079	10024440	0.53	cps
Lead	208-1	17411787	17176123	17137918	17241942	0.86	cps
Lithium	6-1	3575976	3560005	3629507	3588496	1.01	cps
Magnesium	24-2	23326627	23499193	23579005	23468275	0.55	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:08:45	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3559906	3591057	3596811	3582591	0.55	cps
Molybdenum	94-1	24002960	23903790	24032231	23979660	0.28	cps
Molybdenum	95-1	29590052	29288606	29492106	29456921	0.52	cps
Molybdenum	96-1	32942249	32740148	33001830	32894742	0.42	cps
Molybdenum	97-1	18394509	18331883	18510141	18412177	0.49	cps
Molybdenum	98-1	47561484	46820841	47582514	47321613	0.92	cps
Neodymium	150-1	1507	1507	1553	1522	1.77	cps
Neodymium	150-2	117	143	103	121	16.82	cps
Nickel	60-2	1299605	1319622	1318141	1312456	0.85	cps
Phosphorus	31-2	99556	102215	99472	100414	1.55	cps
Potassium	39-2	9968797	9982786	9982331	9977971	0.08	cps
Rhodium	103-1	12656339	12440606	12818511	12638485	1.50	cps
Rhodium	103-2	5654123	5681693	5669329	5668382	0.24	cps
Scandium	45-1	8058228	8079342	8208121	8115230	1.00	cps
Scandium	45-2	323358	327047	325269	325225	0.57	cps
Selenium	77-2	8953	9000	8743	8898	1.54	cps
Selenium	78-2	30222	30207	30825	30418	1.16	cps
Selenium	82-1	245546	246609	247530	246562	0.40	cps
Silicon	28-1	6416697	6476046	6455510	6449418	0.47	cps
Silver	109-1	15446965	15351225	15524105	15440765	0.56	cps
Silver	107-1	16151364	16030701	16068298	16083455	0.38	cps
Sodium	23-2	45096915	45370608	45508258	45325260	0.46	cps
Strontium	86-1	3799413	3813409	3783185	3798669	0.40	cps
Strontium	88-1	33262278	33335691	33366309	33321426	0.16	cps
Sulfur	34-1	1583526	1585017	1591894	1586812	0.28	cps
Terbium	159-1	21365827	21413593	21604181	21461200	0.59	cps
Terbium	159-2	9398483	9335521	9277626	9337210	0.65	cps
Thallium	203-1	13573479	13690896	13760996	13675124	0.69	cps
Thallium	205-1	32937721	32741723	33161640	32947028	0.64	cps
Thorium	232-1	48184291	48224341	48347430	48252021	0.18	cps
Tin	118-1	10561538	10503249	10603757	10556181	0.48	cps
Titanium	47-1	7441702	7398249	7477773	7439241	0.54	cps
Uranium	238-1	46196216	46798290	47255328	46749944	1.14	cps
Vanadium	51-2	2401029	2435671	2434719	2423806	0.81	cps
Yttrium	89-1	17359926	17434415	17749279	17514540	1.18	cps
Yttrium	89-2	2113157	2117064	2123479	2117900	0.25	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:08:45	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1118528	1135156	1136467	1130050	0.88	cps
Zirconium	90-1	20271396	20114928	20141113	20175812	0.42	cps
Zirconium	91-1	4541337	4491192	4495078	4509202	0.62	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:12:33	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9943061	10093208	10023319	10019863	0.75	cps
Antimony	121-1	23737	24689	25198	24542	3.02	cps
Arsenic	75-1	1786	1904	1945	1878	4.40	cps
Barium	135-1	17804	18279	17495	17859	2.21	cps
Barium	137-1	31645	31303	31103	31350	0.88	cps
Beryllium	9-1	2717	2678	2506	2634	4.27	cps
Bismuth	209-1	11160455	11295805	11167709	11207990	0.68	cps
Bismuth	209-2	5815347	5781556	5811545	5802816	0.32	cps
Boron	11-1	47986	44675	41759	44807	6.95	cps
Boron	10-1	10271	9345	8503	9373	9.43	cps
Cadmium	106-1	7994	8336	7719	8016	3.86	cps
Cadmium	108-1	354	371	350	358	3.08	cps
Cadmium	111-1	9294	9147	8996	9146	1.63	cps
Calcium	43-1	16656642	16967848	17120473	16914988	1.40	cps
Calcium	44-1	269069223	272284473	274397473	271917056	0.99	cps
Chromium	52-2	87887	87817	89339	88347	0.97	cps
Cobalt	59-2	14668	15028	14868	14854	1.22	cps
Copper	63-2	19323	19290	19754	19455	1.33	cps
Dysprosium	156-1	208	225	200	211	6.03	cps
Dysprosium	156-2	67	67	60	64	5.98	cps
Erbium	164-2	67	87	70	74	14.39	cps
Erbium	164-1	125	200	158	161	23.32	cps
Gadolinium	160-1	217	233	117	189	33.41	cps
Gadolinium	160-2	347	297	310	318	8.15	cps
Holmium	165-1	19455566	19670840	19601966	19576124	0.56	cps
Holmium	165-2	9154035	9205387	9185403	9181608	0.28	cps
Indium	115-1	13412912	13723915	13651253	13596027	1.20	cps
Indium	115-2	2353263	2350563	2355093	2352973	0.10	cps
Iron	56-2	629360481	628128658	634665792	630718310	0.55	cps
Iron	57-2	15346220	15386805	15602629	15445218	0.89	cps
Krypton	83-1	1120	1000	920	1013	9.93	cps
Lead	206-1	50836	50658	48745	50080	2.31	cps
Lead	207-1	44937	45528	45188	45218	0.66	cps
Lead	208-1	77890	79465	80022	79126	1.40	cps
Lithium	6-1	3489320	3594384	3632424	3572043	2.08	cps
Magnesium	24-2	115863836	117946332	117366565	117058911	0.92	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:12:33	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16586	16880	17117	16861	1.58	cps
Molybdenum	94-1	41336	41419	42389	41715	1.40	cps
Molybdenum	95-1	57140	58830	57099	57690	1.71	cps
Molybdenum	96-1	69085	70282	69873	69746	0.87	cps
Molybdenum	97-1	35629	36181	36055	35955	0.80	cps
Molybdenum	98-1	91486	91426	91226	91379	0.15	cps
Neodymium	150-1	193	147	127	156	21.99	cps
Neodymium	150-2	57	47	43	49	14.20	cps
Nickel	60-2	27529	27907	28575	28004	1.89	cps
Phosphorus	31-2	158	183	108	150	25.46	cps
Potassium	39-2	51177368	51704772	51742547	51541562	0.61	cps
Rhodium	103-1	11093432	11475682	11354924	11308013	1.73	cps
Rhodium	103-2	5036855	5096463	5102225	5078514	0.71	cps
Scandium	45-1	7919519	8102098	8102747	8041454	1.31	cps
Scandium	45-2	330738	337236	333345	333773	0.98	cps
Selenium	77-2	7	20	3	10	88.20	cps
Selenium	78-2	87	98	72	86	15.16	cps
Selenium	82-1	264	443	478	395	29.05	cps
Silicon	28-1	1159581	1198398	1197670	1185217	1.87	cps
Silver	109-1	16143	16176	16936	16418	2.73	cps
Silver	107-1	16519	16502	17370	16797	2.95	cps
Sodium	23-2	227795180	229129655	228768747	228564527	0.30	cps
Strontium	86-1	21375	21008	21625	21336	1.46	cps
Strontium	88-1	169912	171040	174508	171820	1.39	cps
Sulfur	34-1	374094	382407	384752	380418	1.47	cps
Terbium	159-1	19496943	19924140	19762053	19727712	1.09	cps
Terbium	159-2	8818688	8804578	8775500	8799588	0.25	cps
Thallium	203-1	17362	17070	17295	17242	0.89	cps
Thallium	205-1	41073	40922	40847	40947	0.28	cps
Thorium	232-1	11300	11934	12390	11874	4.61	cps
Tin	118-1	16919	16986	17453	17119	1.70	cps
Titanium	47-1	9253	10037	9987	9759	4.50	cps
Uranium	238-1	48751	48818	49195	48921	0.49	cps
Vanadium	51-2	3157	3294	3477	3309	4.85	cps
Yttrium	89-1	16412056	16955876	16878369	16748767	1.76	cps
Yttrium	89-2	2101260	2114816	2112363	2109480	0.34	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:12:33	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	19650	19543	19273	19489	1.00	cps
Zirconium	90-1	24781	24196	23946	24308	1.76	cps
Zirconium	91-1	5268	5593	5585	5482	3.38	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:17:07	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62021	63795	62055	62624	1.62	cps
Antimony	121-1	2659736	2665323	2669974	2665011	0.19	cps
Arsenic	75-1	595540	590862	594482	593628	0.41	cps
Barium	135-1	340363	343948	348462	344258	1.18	cps
Barium	137-1	587519	586413	586392	586775	0.11	cps
Beryllium	9-1	253865	252455	255741	254021	0.65	cps
Bismuth	209-1	14152776	14040115	14208641	14133844	0.61	cps
Bismuth	209-2	7519828	7502419	7555408	7525885	0.36	cps
Boron	11-1	19972	18504	18137	18871	5.15	cps
Boron	10-1	4009	3692	3726	3809	4.57	cps
Cadmium	106-1	43476	43158	43376	43337	0.37	cps
Cadmium	108-1	31439	31502	31970	31637	0.92	cps
Cadmium	111-1	390836	392931	399917	394562	1.21	cps
Calcium	43-1	83780	83963	85883	84542	1.38	cps
Calcium	44-1	1365151	1364617	1369766	1366511	0.21	cps
Chromium	52-2	350271	351417	351067	350919	0.17	cps
Cobalt	59-2	599410	610242	601874	603842	0.94	cps
Copper	63-2	431637	434947	431835	432807	0.43	cps
Dysprosium	156-1	167	150	183	167	10.00	cps
Dysprosium	156-2	37	17	40	31	40.56	cps
Erbium	164-2	93	133	123	117	17.84	cps
Erbium	164-1	183	225	250	219	15.35	cps
Gadolinium	160-1	158	125	133	139	12.49	cps
Gadolinium	160-2	290	293	320	301	5.46	cps
Holmium	165-1	21625374	21823624	21712638	21720545	0.46	cps
Holmium	165-2	10137272	10153319	10196885	10162492	0.30	cps
Indium	115-1	16050132	16200783	16269008	16173308	0.69	cps
Indium	115-2	2734622	2725007	2737488	2732372	0.24	cps
Iron	56-2	3384450	3360093	3349302	3364615	0.54	cps
Iron	57-2	84292	85252	85945	85163	0.97	cps
Krypton	83-1	1020	1113	1000	1045	5.79	cps
Lead	206-1	2638350	2677412	2675803	2663855	0.83	cps
Lead	207-1	2351726	2338912	2352209	2347615	0.32	cps
Lead	208-1	4066442	4029473	4037760	4044558	0.48	cps
Lithium	6-1	4224944	4226314	4272385	4241214	0.64	cps
Magnesium	24-2	360572	356982	354546	357367	0.85	cps

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 15:17:07 DataFile Name : 011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	204372	206677	205887	205645	0.57	cps
Molybdenum	94-1	8602173	8723639	8839637	8721816	1.36	cps
Molybdenum	95-1	15358819	15539545	15415720	15438028	0.60	cps
Molybdenum	96-1	16447607	16637012	16603301	16562640	0.61	cps
Molybdenum	97-1	9621435	9739431	9678304	9679723	0.61	cps
Molybdenum	98-1	24996238	25203321	25158655	25119405	0.43	cps
Neodymium	150-1	80	80	60	73	15.75	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	160706	162088	163712	162169	0.93	cps
Phosphorus	31-2	83	125	167	125	33.33	cps
Potassium	39-2	506966	504125	502610	504567	0.44	cps
Rhodium	103-1	14484747	14711842	14756370	14650986	0.99	cps
Rhodium	103-2	6558955	6565465	6545648	6556689	0.15	cps
Scandium	45-1	9237279	9280341	9323588	9280403	0.47	cps
Scandium	45-2	364016	365816	366309	365380	0.33	cps
Selenium	77-2	2374	2224	2260	2286	3.42	cps
Selenium	78-2	7282	7178	7302	7254	0.92	cps
Selenium	82-1	56632	57355	57902	57296	1.11	cps
Silicon	28-1	226931	237371	245126	236476	3.86	cps
Silver	109-1	1626272	1636492	1655912	1639559	0.92	cps
Silver	107-1	1700801	1702267	1713872	1705647	0.42	cps
Sodium	23-2	1139545	1127150	1140515	1135737	0.66	cps
Strontium	86-1	11814	11347	11714	11625	2.12	cps
Strontium	88-1	88448	88221	88966	88545	0.43	cps
Sulfur	34-1	423253	424840	427564	425219	0.51	cps
Terbium	159-1	21837441	22061953	22268598	22055997	0.98	cps
Terbium	159-2	9813635	9896312	9786570	9832172	0.58	cps
Thallium	203-1	3200464	3226192	3230621	3219092	0.51	cps
Thallium	205-1	7642398	7668593	7765899	7692296	0.85	cps
Thorium	232-1	11027	11856	11950	11611	4.37	cps
Tin	118-1	4709	4968	5034	4904	3.50	cps
Titanium	47-1	4120862	4124393	4116951	4120736	0.09	cps
Uranium	238-1	3284	3551	2917	3251	9.79	cps
Vanadium	51-2	275448	278164	276516	276709	0.49	cps
Yttrium	89-1	18860853	19067193	19077074	19001706	0.64	cps
Yttrium	89-2	2292318	2313447	2292932	2299566	0.52	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:17:07	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	132546	135784	135118	134483	1.27	cps
Zirconium	90-1	8361	9662	11430	9818	15.69	cps
Zirconium	91-1	2217	2759	3417	2798	21.49	cps

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 15:22:23 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	83	125	94	28.37	cps
Antimony	121-1	1867	1900	2142	1970	7.62	cps
Arsenic	75-1	-1393	-1644	-1457	-1498	-8.70	cps
Barium	135-1	167	158	125	150	14.70	cps
Barium	137-1	333	292	283	303	8.85	cps
Beryllium	9-1	194	122	144	154	24.06	cps
Bismuth	209-1	14582486	14321741	14018346	14307524	1.97	cps
Bismuth	209-2	7678985	7611239	7562390	7617538	0.77	cps
Boron	11-1	11772	11672	11054	11499	3.38	cps
Boron	10-1	2234	2275	2250	2253	0.93	cps
Cadmium	106-1	8094	8094	8369	8186	1.94	cps
Cadmium	108-1	17	33	29	26	32.86	cps
Cadmium	111-1	5829	5768	5955	5851	1.63	cps
Calcium	43-1	458	417	308	394	19.63	cps
Calcium	44-1	12231	11272	10471	11325	7.78	cps
Chromium	52-2	1073	1073	980	1042	5.17	cps
Cobalt	59-2	250	283	270	268	6.26	cps
Copper	63-2	793	757	707	752	5.78	cps
Dysprosium	156-1	133	92	133	119	20.14	cps
Dysprosium	156-2	27	43	17	29	46.62	cps
Erbium	164-2	50	103	77	77	34.79	cps
Erbium	164-1	108	92	92	97	9.90	cps
Gadolinium	160-1	117	125	200	147	31.17	cps
Gadolinium	160-2	340	313	333	329	4.22	cps
Holmium	165-1	22207226	21826872	21683798	21905965	1.23	cps
Holmium	165-2	10226086	10212873	10136885	10191948	0.47	cps
Indium	115-1	16750097	16491672	16466663	16569477	0.95	cps
Indium	115-2	2744290	2716618	2710459	2723789	0.66	cps
Iron	56-2	10432	11038	10865	10778	2.90	cps
Iron	57-2	283	300	306	296	3.90	cps
Krypton	83-1	1073	1043	1063	1060	1.44	cps
Lead	206-1	2172	2072	2072	2106	2.74	cps
Lead	207-1	1789	1867	1917	1858	3.47	cps
Lead	208-1	2353	2503	2270	2375	4.98	cps
Lithium	6-1	4371799	4307453	4254916	4311389	1.36	cps
Magnesium	24-2	933	958	767	886	11.76	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:22:23	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	293	237	243	258	12.02	cps
Molybdenum	94-1	1233	1300	1283	1272	2.73	cps
Molybdenum	95-1	1767	1625	1583	1659	5.80	cps
Molybdenum	96-1	2067	1709	1659	1811	12.30	cps
Molybdenum	97-1	1158	975	908	1014	12.77	cps
Molybdenum	98-1	2934	2775	2584	2764	6.34	cps
Neodymium	150-1	27	20	40	29	35.25	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	967	1000	923	963	3.99	cps
Phosphorus	31-2	75	58	58	64	15.05	cps
Potassium	39-2	19739	20123	19296	19719	2.10	cps
Rhodium	103-1	14872291	14843661	14432162	14716038	1.67	cps
Rhodium	103-2	6748086	6629255	6634654	6670665	1.01	cps
Scandium	45-1	9657245	9363732	9237461	9419480	2.29	cps
Scandium	45-2	371035	365318	366081	367478	0.84	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	50	24	46	40	34.96	cps
Selenium	82-1	-33	25	-87	-32	-176.13	cps
Silicon	28-1	149363	146915	146326	147535	1.09	cps
Silver	109-1	175	250	108	178	39.87	cps
Silver	107-1	242	308	308	286	13.45	cps
Sodium	23-2	21099	20498	20965	20854	1.51	cps
Strontium	86-1	1633	1575	1608	1606	1.82	cps
Strontium	88-1	317	233	125	225	42.71	cps
Sulfur	34-1	438061	432378	434052	434831	0.67	cps
Terbium	159-1	22695216	22229437	21910831	22278495	1.77	cps
Terbium	159-2	9901334	9769860	9822423	9831206	0.67	cps
Thallium	203-1	1542	1717	1609	1622	5.44	cps
Thallium	205-1	3292	3134	3092	3173	3.33	cps
Thorium	232-1	3362	3690	3573	3541	4.69	cps
Tin	118-1	1600	1875	1900	1792	9.29	cps
Titanium	47-1	342	333	308	328	5.29	cps
Uranium	238-1	2734	2384	2825	2648	8.81	cps
Vanadium	51-2	17	20	17	18	10.81	cps
Yttrium	89-1	19462163	19305292	19037552	19268335	1.11	cps
Yttrium	89-2	2298778	2280395	2299612	2292928	0.47	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:22:23	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	827	763	900	830	8.24	cps
Zirconium	90-1	1117	883	1183	1061	14.85	cps
Zirconium	91-1	200	167	183	183	9.09	cps

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 15:26:01 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9926265	9961906	9898594	9928922	0.32	cps
Antimony	121-1	15968	16485	16552	16335	1.96	cps
Arsenic	75-1	3502	3325	3237	3355	4.02	cps
Barium	135-1	4743	4859	4876	4826	1.51	cps
Barium	137-1	8370	8461	8361	8397	0.66	cps
Beryllium	9-1	900	694	833	809	12.96	cps
Bismuth	209-1	12472746	12662721	12866681	12667383	1.56	cps
Bismuth	209-2	6807727	6738153	6850672	6798851	0.84	cps
Boron	11-1	11371	10296	10738	10802	5.01	cps
Boron	10-1	2400	2100	2217	2239	6.76	cps
Cadmium	106-1	7611	7386	7377	7458	1.78	cps
Cadmium	108-1	4438	4313	4172	4308	3.10	cps
Cadmium	111-1	7651	7889	7787	7776	1.54	cps
Calcium	43-1	3596007	3539243	3569448	3568233	0.80	cps
Calcium	44-1	58108193	57722801	58002358	57944451	0.34	cps
Chromium	52-2	65498	66215	65408	65707	0.67	cps
Cobalt	59-2	6815	6855	7048	6906	1.81	cps
Copper	63-2	29891	30118	30579	30196	1.16	cps
Dysprosium	156-1	125	258	183	189	35.39	cps
Dysprosium	156-2	63	57	43	54	18.71	cps
Erbium	164-2	110	60	90	87	29.04	cps
Erbium	164-1	142	167	158	156	8.18	cps
Gadolinium	160-1	167	175	200	181	9.61	cps
Gadolinium	160-2	363	387	380	377	3.19	cps
Holmium	165-1	20831246	21187602	21327377	21115408	1.21	cps
Holmium	165-2	10033245	9911081	10090155	10011494	0.91	cps
Indium	115-1	14833092	15011122	15322151	15055455	1.64	cps
Indium	115-2	2564080	2549177	2570372	2561210	0.42	cps
Iron	56-2	280471490	280868190	281940223	281093301	0.27	cps
Iron	57-2	6842761	6891697	6908223	6880894	0.49	cps
Krypton	83-1	987	977	1053	1006	4.14	cps
Lead	206-1	53224	53413	53045	53227	0.35	cps
Lead	207-1	41816	42674	42964	42485	1.41	cps
Lead	208-1	66013	67500	68117	67210	1.61	cps
Lithium	6-1	3885331	3880681	3920157	3895390	0.55	cps
Magnesium	24-2	25770327	25602451	25705826	25692868	0.33	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:26:01	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15555	15472	15532	15519	0.28	cps
Molybdenum	94-1	6785479	6782038	6823856	6797124	0.34	cps
Molybdenum	95-1	11886060	12007578	11973173	11955604	0.52	cps
Molybdenum	96-1	12844406	12791278	12784615	12806767	0.26	cps
Molybdenum	97-1	7386347	7419041	7513200	7439529	0.89	cps
Molybdenum	98-1	19126421	19315996	19306771	19249729	0.56	cps
Neodymium	150-1	73	73	87	78	9.89	cps
Neodymium	150-2	40	23	23	29	33.32	cps
Nickel	60-2	9330	9120	8829	9093	2.76	cps
Phosphorus	31-2	552285	550943	547539	550256	0.44	cps
Potassium	39-2	21827383	22017173	21905893	21916816	0.44	cps
Rhodium	103-1	12723794	12984843	13021745	12910127	1.26	cps
Rhodium	103-2	5915590	5915762	5965067	5932139	0.48	cps
Scandium	45-1	8678442	8779079	8838727	8765416	0.92	cps
Scandium	45-2	354872	351791	351493	352718	0.53	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	37	52	54	48	19.21	cps
Selenium	82-1	60	57	-63	18	392.82	cps
Silicon	28-1	307630	315233	308915	310593	1.31	cps
Silver	109-1	925	975	1142	1014	11.19	cps
Silver	107-1	1025	908	1075	1003	8.53	cps
Sodium	23-2	49595497	49681759	49704107	49660455	0.12	cps
Strontium	86-1	137983	136215	136807	137001	0.66	cps
Strontium	88-1	1179709	1177614	1188616	1181979	0.49	cps
Sulfur	34-1	5626240	5661466	5689079	5658929	0.56	cps
Terbium	159-1	20940530	21309015	21583795	21277780	1.52	cps
Terbium	159-2	9641540	9494259	9575064	9570288	0.77	cps
Thallium	203-1	4718	5751	6577	5682	16.39	cps
Thallium	205-1	11072	13407	14367	12949	13.09	cps
Thorium	232-1	4351	4373	4934	4553	7.26	cps
Tin	118-1	4251	4309	4017	4192	3.68	cps
Titanium	47-1	3257919	3243624	3259331	3253625	0.27	cps
Uranium	238-1	3442	3742	3476	3553	4.63	cps
Vanadium	51-2	517	560	570	549	5.17	cps
Yttrium	89-1	17782595	18005145	18224639	18004126	1.23	cps
Yttrium	89-2	2212911	2209309	2224491	2215570	0.36	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:26:01	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7115	7065	7195	7125	0.92	cps
Zirconium	90-1	1242	1325	1500	1356	9.73	cps
Zirconium	91-1	325	283	200	269	23.62	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:29:39	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9703734	9761205	9808359	9757766	0.54	cps
Antimony	121-1	263226	262968	265150	263781	0.45	cps
Arsenic	75-1	54464	57274	55412	55717	2.57	cps
Barium	135-1	70681	69591	70713	70328	0.91	cps
Barium	137-1	121830	122167	123092	122363	0.53	cps
Beryllium	9-1	47112	46121	45831	46354	1.45	cps
Bismuth	209-1	12788759	12896362	12835240	12840121	0.42	cps
Bismuth	209-2	6784015	6803943	6883897	6823952	0.77	cps
Boron	11-1	96070	97329	97397	96932	0.77	cps
Boron	10-1	20289	20631	21558	20826	3.15	cps
Cadmium	106-1	19372	18096	17612	18360	4.95	cps
Cadmium	108-1	10391	10229	10208	10276	0.98	cps
Cadmium	111-1	77976	77858	77981	77938	0.09	cps
Calcium	43-1	3580733	3565821	3564014	3570189	0.26	cps
Calcium	44-1	57833874	57563430	57745030	57714112	0.24	cps
Chromium	52-2	129681	127677	130306	129222	1.06	cps
Cobalt	59-2	114879	115074	117008	115654	1.02	cps
Copper	63-2	105537	105138	107048	105908	0.95	cps
Dysprosium	156-1	125	133	150	136	9.35	cps
Dysprosium	156-2	73	70	80	74	6.84	cps
Erbium	164-2	103	70	87	87	19.23	cps
Erbium	164-1	233	142	108	161	40.18	cps
Gadolinium	160-1	208	175	142	175	19.05	cps
Gadolinium	160-2	410	280	370	353	18.84	cps
Holmium	165-1	21303457	21374743	21476580	21384927	0.41	cps
Holmium	165-2	9929008	10035809	10139971	10034929	1.05	cps
Indium	115-1	15296683	15300010	15291192	15295962	0.03	cps
Indium	115-2	2521582	2586500	2580182	2562755	1.40	cps
Iron	56-2	276642595	276682873	282004929	278443465	1.11	cps
Iron	57-2	6685663	6802809	6857382	6781951	1.29	cps
Krypton	83-1	1063	1037	997	1032	3.25	cps
Lead	206-1	275064	273418	272219	273567	0.52	cps
Lead	207-1	229650	228757	232907	230438	0.95	cps
Lead	208-1	386042	383310	385663	385005	0.38	cps
Lithium	6-1	3903237	3919294	3910503	3911011	0.21	cps
Magnesium	24-2	25086858	25204677	25432204	25241246	0.70	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:29:39	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53059	53661	53587	53436	0.61	cps
Molybdenum	94-1	7316653	7325121	7370139	7337304	0.39	cps
Molybdenum	95-1	12378724	12240170	12336055	12318316	0.58	cps
Molybdenum	96-1	13237241	13316790	13354800	13302944	0.45	cps
Molybdenum	97-1	7679352	7745849	7765687	7730296	0.58	cps
Molybdenum	98-1	19815390	19916427	19884040	19871952	0.26	cps
Neodymium	150-1	80	60	53	64	21.53	cps
Neodymium	150-2	13	37	33	28	45.44	cps
Nickel	60-2	36472	36683	36780	36645	0.43	cps
Phosphorus	31-2	534550	544298	544353	541067	1.04	cps
Potassium	39-2	21566485	21610385	22144889	21773920	1.48	cps
Rhodium	103-1	13090090	13270239	13283316	13214548	0.82	cps
Rhodium	103-2	5909035	5971541	6005035	5961870	0.82	cps
Scandium	45-1	8920954	8872964	8973177	8922365	0.56	cps
Scandium	45-2	348749	354875	361483	355036	1.79	cps
Selenium	77-2	203	183	200	196	5.48	cps
Selenium	78-2	691	661	661	671	2.55	cps
Selenium	82-1	5155	4951	5037	5048	2.03	cps
Silicon	28-1	665256	668323	664020	665866	0.33	cps
Silver	109-1	289055	287878	289381	288771	0.27	cps
Silver	107-1	301952	300809	302442	301734	0.28	cps
Sodium	23-2	48471832	48909791	49248994	48876872	0.80	cps
Strontium	86-1	336082	331944	334996	334340	0.64	cps
Strontium	88-1	2864067	2902699	2897396	2888054	0.73	cps
Sulfur	34-1	5664423	5612444	5640279	5639049	0.46	cps
Terbium	159-1	21629978	21577297	21570106	21592461	0.15	cps
Terbium	159-2	9408824	9616369	9690555	9571916	1.53	cps
Thallium	203-1	274555	272540	273792	273629	0.37	cps
Thallium	205-1	666716	657275	661267	661753	0.72	cps
Thorium	232-1	3317	3462	3617	3465	4.33	cps
Tin	118-1	531806	522944	528887	527879	0.86	cps
Titanium	47-1	3337376	3365231	3295798	3332801	1.05	cps
Uranium	238-1	2188156	2226088	2212266	2208837	0.87	cps
Vanadium	51-2	52346	52276	53052	52558	0.82	cps
Yttrium	89-1	18244157	18446453	18530527	18407046	0.80	cps
Yttrium	89-2	2196777	2231002	2256735	2228171	1.35	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:29:39	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	17995	17958	18312	18088	1.08	cps
Zirconium	90-1	1045655	1044227	1029541	1039808	0.86	cps
Zirconium	91-1	229869	232766	230656	231097	0.65	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:33:18	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5642407	5543275	5516735	5567472	1.19	cps
Antimony	121-1	6227292	6114929	6073903	6138708	1.29	cps
Arsenic	75-1	1282357	1259949	1267128	1269811	0.90	cps
Barium	135-1	7887852	7724196	7689049	7767032	1.37	cps
Barium	137-1	13691183	13394982	13374359	13486841	1.31	cps
Beryllium	9-1	1161272	1145080	1152720	1153024	0.70	cps
Bismuth	209-1	12617919	12446459	12339420	12467933	1.13	cps
Bismuth	209-2	6480597	6507400	6501312	6496436	0.22	cps
Boron	11-1	888580	893154	911076	897603	1.32	cps
Boron	10-1	185498	190407	196081	190662	2.78	cps
Cadmium	106-1	218004	217444	214932	216793	0.75	cps
Cadmium	108-1	143505	142823	141935	142755	0.55	cps
Cadmium	111-1	1872636	1833752	1837994	1848127	1.15	cps
Calcium	43-1	9181209	9080528	9080950	9114229	0.64	cps
Calcium	44-1	149423399	146349303	147691695	147821466	1.04	cps
Chromium	52-2	1680149	1694672	1689864	1688228	0.44	cps
Cobalt	59-2	2676795	2709405	2700105	2695435	0.62	cps
Copper	63-2	4030057	4029306	3996551	4018638	0.48	cps
Dysprosium	156-1	167	325	208	233	35.18	cps
Dysprosium	156-2	240	190	163	198	19.68	cps
Erbium	164-2	47	73	77	66	25.08	cps
Erbium	164-1	167	125	133	142	15.56	cps
Gadolinium	160-1	217	217	242	225	6.41	cps
Gadolinium	160-2	323	413	403	380	12.98	cps
Holmium	165-1	21663994	21041572	21286149	21330572	1.47	cps
Holmium	165-2	9834955	9884065	9782985	9834002	0.51	cps
Indium	115-1	15289304	14967173	14993941	15083473	1.19	cps
Indium	115-2	2525071	2550969	2553584	2543208	0.62	cps
Iron	56-2	342916841	347514397	345012497	345147911	0.67	cps
Iron	57-2	8429932	8462777	8388009	8426906	0.44	cps
Krypton	83-1	977	1130	1110	1072	7.77	cps
Lead	206-1	5341946	5221182	5278412	5280513	1.14	cps
Lead	207-1	4754226	4629923	4665044	4683064	1.37	cps
Lead	208-1	8308105	8202996	8002857	8171319	1.90	cps
Lithium	6-1	3977646	3945635	3973663	3965648	0.44	cps
Magnesium	24-2	62885878	62437849	62113614	62479114	0.62	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:33:18	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1925352	1950232	1950806	1942130	0.75	cps
Molybdenum	94-1	12730169	12440628	12470513	12547103	1.27	cps
Molybdenum	95-1	15421207	15303958	15310783	15345316	0.43	cps
Molybdenum	96-1	17322382	17055838	17076150	17151457	0.87	cps
Molybdenum	97-1	9727344	9607568	9548938	9627950	0.94	cps
Molybdenum	98-1	24875513	24595595	24623336	24698148	0.62	cps
Neodymium	150-1	807	880	753	813	7.82	cps
Neodymium	150-2	73	107	93	91	18.42	cps
Nickel	60-2	697841	702315	693784	697980	0.61	cps
Phosphorus	31-2	55103	56834	56993	56310	1.86	cps
Potassium	39-2	27610880	27690117	27942237	27747745	0.62	cps
Rhodium	103-1	13179383	12849116	12842227	12956909	1.49	cps
Rhodium	103-2	5756134	5674145	5733768	5721349	0.74	cps
Scandium	45-1	9183407	8942291	9064044	9063247	1.33	cps
Scandium	45-2	359505	359528	361771	360268	0.36	cps
Selenium	77-2	4617	4511	4304	4477	3.56	cps
Selenium	78-2	15245	15449	15308	15334	0.68	cps
Selenium	82-1	121796	120710	120556	121021	0.56	cps
Silicon	28-1	4375323	4386546	4459319	4407063	1.03	cps
Silver	109-1	8095693	7899772	7861544	7952336	1.58	cps
Silver	107-1	8410405	8359446	8319622	8363158	0.54	cps
Sodium	23-2	122373340	120921699	121315932	121536990	0.62	cps
Strontium	86-1	2006809	1969038	1985818	1987222	0.95	cps
Strontium	88-1	17724894	17337187	17217713	17426598	1.52	cps
Sulfur	34-1	1084338	1078084	1081431	1081284	0.29	cps
Terbium	159-1	21817127	21222426	21392351	21477301	1.43	cps
Terbium	159-2	9426550	9432560	9349442	9402851	0.49	cps
Thallium	203-1	6653670	6537518	6593468	6594885	0.88	cps
Thallium	205-1	15863009	15505813	15619558	15662793	1.17	cps
Thorium	232-1	24067948	23513639	23595333	23725640	1.26	cps
Tin	118-1	5322546	5232158	5229025	5261243	1.01	cps
Titanium	47-1	4119456	4042235	4073780	4078491	0.95	cps
Uranium	238-1	22888419	22316724	22603933	22603025	1.26	cps
Vanadium	51-2	1333559	1347034	1340472	1340355	0.50	cps
Yttrium	89-1	18984840	18504761	18407574	18632391	1.66	cps
Yttrium	89-2	2229877	2258362	2266837	2251692	0.86	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:33:18	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	618291	619109	616162	617854	0.25	cps
Zirconium	90-1	10732868	10603869	10621093	10652610	0.66	cps
Zirconium	91-1	2385245	2361256	2365045	2370515	0.54	cps

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : CCB01 Instrumnet Name : P7
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 15:37:00 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	233	233	219	10.96	cps
Antimony	121-1	4593	5718	6602	5638	17.86	cps
Arsenic	75-1	-1327	-1352	-1111	-1263	-10.48	cps
Barium	135-1	442	450	392	428	7.38	cps
Barium	137-1	583	475	475	511	12.24	cps
Beryllium	9-1	244	239	211	231	7.71	cps
Bismuth	209-1	14202594	14406330	14348829	14319251	0.73	cps
Bismuth	209-2	7647876	7565905	7592061	7601947	0.55	cps
Boron	11-1	28419	26516	23227	26054	10.08	cps
Boron	10-1	5626	5459	5159	5415	4.37	cps
Cadmium	106-1	8811	8978	8745	8845	1.36	cps
Cadmium	108-1	50	33	29	38	29.40	cps
Cadmium	111-1	6366	6528	6330	6408	1.64	cps
Calcium	43-1	558	475	625	553	13.60	cps
Calcium	44-1	14341	14383	13949	14225	1.68	cps
Chromium	52-2	1077	1090	1200	1122	6.03	cps
Cobalt	59-2	317	297	273	296	7.34	cps
Copper	63-2	1167	1127	1120	1138	2.22	cps
Dysprosium	156-1	167	133	150	150	11.11	cps
Dysprosium	156-2	37	30	33	33	10.01	cps
Erbium	164-2	97	77	60	78	23.61	cps
Erbium	164-1	150	75	150	125	34.64	cps
Gadolinium	160-1	108	208	158	158	31.58	cps
Gadolinium	160-2	363	360	350	358	1.94	cps
Holmium	165-1	21536276	21944702	21892375	21791118	1.02	cps
Holmium	165-2	10341860	10209733	10253824	10268472	0.66	cps
Indium	115-1	16680132	16850509	16680314	16736985	0.59	cps
Indium	115-2	2782223	2784490	2808501	2791738	0.52	cps
Iron	56-2	19419	20142	20693	20084	3.18	cps
Iron	57-2	611	578	461	550	14.32	cps
Krypton	83-1	1057	1090	1123	1090	3.06	cps
Lead	206-1	3089	3145	3328	3188	3.92	cps
Lead	207-1	3028	2900	2956	2962	2.16	cps
Lead	208-1	5346	4690	4910	4982	6.70	cps
Lithium	6-1	4330800	4385785	4327216	4347933	0.76	cps
Magnesium	24-2	2059	2325	2192	2192	6.08	cps

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : CCB01 Instrumnet Name : P7
 Client Sample ID : CCB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 15:37:00 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	233	323	280	279	16.14	cps
Molybdenum	94-1	2367	2117	2325	2270	5.90	cps
Molybdenum	95-1	2634	3100	3092	2942	9.08	cps
Molybdenum	96-1	3492	3242	3284	3339	4.01	cps
Molybdenum	97-1	1784	1667	1867	1772	5.67	cps
Molybdenum	98-1	4534	4526	4834	4632	3.79	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	17	13	13	14	13.35	cps
Nickel	60-2	1050	907	980	979	7.32	cps
Phosphorus	31-2	83	92	125	100	22.05	cps
Potassium	39-2	24029	24304	23594	23976	1.49	cps
Rhodium	103-1	14983275	15267884	15076667	15109275	0.96	cps
Rhodium	103-2	6732474	6720372	6786973	6746606	0.53	cps
Scandium	45-1	9592507	9716361	9644612	9651160	0.64	cps
Scandium	45-2	373932	373604	377165	374900	0.52	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	48	52	52	51	4.22	cps
Selenium	82-1	6	36	-122	-27	-315.38	cps
Silicon	28-1	161031	160098	157638	159589	1.10	cps
Silver	109-1	408	433	500	447	10.60	cps
Silver	107-1	533	700	617	617	13.51	cps
Sodium	23-2	31743	32394	32453	32197	1.22	cps
Strontium	86-1	1717	1767	1575	1686	5.90	cps
Strontium	88-1	667	575	742	661	12.63	cps
Sulfur	34-1	445395	449848	453228	449490	0.87	cps
Terbium	159-1	22078845	22570794	22364698	22338112	1.11	cps
Terbium	159-2	9952152	9987265	9852167	9930528	0.71	cps
Thallium	203-1	2592	2317	2025	2311	12.26	cps
Thallium	205-1	5543	5210	4651	5135	8.78	cps
Thorium	232-1	7953	7169	7508	7543	5.21	cps
Tin	118-1	3367	3551	3942	3620	8.12	cps
Titanium	47-1	400	508	400	436	14.34	cps
Uranium	238-1	3326	3359	3059	3248	5.06	cps
Vanadium	51-2	43	37	50	43	15.38	cps
Yttrium	89-1	19387621	19833771	19534013	19585135	1.16	cps
Yttrium	89-2	2337922	2337327	2351623	2342291	0.35	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:37:00	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	760	960	900	873	11.75	cps
Zirconium	90-1	1942	2400	2592	2311	14.45	cps
Zirconium	91-1	433	525	700	553	24.51	cps

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 15:40:37 DataFile Name : 017LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2542	2275	2375	2398	5.62	cps
Antimony	121-1	26109	26868	27695	26890	2.95	cps
Arsenic	75-1	1482	1990	1363	1612	20.68	cps
Barium	135-1	34352	33633	34244	34076	1.14	cps
Barium	137-1	57211	57386	57320	57306	0.15	cps
Beryllium	9-1	2934	2711	2795	2813	3.99	cps
Bismuth	209-1	14705017	14464892	14658204	14609371	0.87	cps
Bismuth	209-2	7524474	7537219	7496542	7519412	0.28	cps
Boron	11-1	60539	60296	61593	60809	1.13	cps
Boron	10-1	13048	13423	13707	13393	2.47	cps
Cadmium	106-1	9328	9020	9320	9223	1.91	cps
Cadmium	108-1	317	300	367	328	10.58	cps
Cadmium	111-1	10313	10159	10126	10199	0.98	cps
Calcium	43-1	20431	20022	20215	20223	1.01	cps
Calcium	44-1	330676	329759	326465	328967	0.67	cps
Chromium	52-2	8232	8182	8032	8149	1.28	cps
Cobalt	59-2	6288	5985	6135	6136	2.47	cps
Copper	63-2	9406	9313	9443	9388	0.71	cps
Dysprosium	156-1	58	92	58	69	27.71	cps
Dysprosium	156-2	33	27	27	29	13.31	cps
Erbium	164-2	53	90	70	71	25.82	cps
Erbium	164-1	100	150	183	144	29.04	cps
Gadolinium	160-1	142	150	225	172	26.65	cps
Gadolinium	160-2	320	440	363	374	16.23	cps
Holmium	165-1	22418354	22156567	22440220	22338380	0.71	cps
Holmium	165-2	10173329	10171011	10142620	10162320	0.17	cps
Indium	115-1	17221532	16899399	16933609	17018180	1.04	cps
Indium	115-2	2721847	2743984	2739537	2735123	0.43	cps
Iron	56-2	172103	168006	170432	170180	1.21	cps
Iron	57-2	4462	4395	4668	4508	3.15	cps
Krypton	83-1	983	1023	990	999	2.15	cps
Lead	206-1	14047	14036	14091	14058	0.21	cps
Lead	207-1	11978	11995	12150	12041	0.79	cps
Lead	208-1	19940	20063	21104	20369	3.14	cps
Lithium	6-1	4477779	4414075	4438806	4443553	0.72	cps
Magnesium	24-2	147572	146586	146021	146726	0.53	cps

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 15:40:37 DataFile Name : 017LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2447	2434	2357	2412	2.01	cps
Molybdenum	94-1	27770	27051	27310	27377	1.33	cps
Molybdenum	95-1	35144	35178	33599	34640	2.60	cps
Molybdenum	96-1	38779	38611	38779	38723	0.25	cps
Molybdenum	97-1	21317	21617	22327	21753	2.38	cps
Molybdenum	98-1	55735	55342	56839	55972	1.39	cps
Neodymium	150-1	27	13	33	24	41.66	cps
Neodymium	150-2	0	23	7	10	120.16	cps
Nickel	60-2	2534	2220	2507	2420	7.18	cps
Phosphorus	31-2	425	358	483	422	14.81	cps
Potassium	39-2	146021	141797	142345	143387	1.60	cps
Rhodium	103-1	15366863	15144119	15368513	15293165	0.84	cps
Rhodium	103-2	6658901	6668025	6640192	6655706	0.21	cps
Scandium	45-1	10016518	9836838	9799255	9884204	1.17	cps
Scandium	45-2	372288	370768	375581	372879	0.66	cps
Selenium	77-2	63	77	97	79	21.27	cps
Selenium	78-2	254	254	215	241	9.33	cps
Selenium	82-1	1623	1527	1652	1601	4.08	cps
Silicon	28-1	226728	224985	224655	225456	0.49	cps
Silver	109-1	18413	17979	17920	18104	1.49	cps
Silver	107-1	18963	19514	18596	19025	2.43	cps
Sodium	23-2	296511	293337	294811	294887	0.54	cps
Strontium	86-1	5860	5943	5735	5846	1.79	cps
Strontium	88-1	37675	37909	37500	37695	0.54	cps
Sulfur	34-1	449188	451526	452002	450905	0.33	cps
Terbium	159-1	23187249	22610212	22916903	22904788	1.26	cps
Terbium	159-2	9851357	9877770	9803345	9844157	0.38	cps
Thallium	203-1	15068	14784	15059	14970	1.08	cps
Thallium	205-1	35749	35808	36317	35958	0.87	cps
Thorium	232-1	47387	46773	46076	46745	1.40	cps
Tin	118-1	62021	60874	59719	60872	1.89	cps
Titanium	47-1	9212	9270	9178	9220	0.50	cps
Uranium	238-1	47656	46392	47011	47020	1.34	cps
Vanadium	51-2	14928	14474	14464	14622	1.81	cps
Yttrium	89-1	20162486	19885578	19927760	19991941	0.75	cps
Yttrium	89-2	2326498	2329785	2323640	2326641	0.13	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:40:37	DataFile Name :	017LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2170	2080	2140	2130	2.15	cps
Zirconium	90-1	22293	21208	21450	21650	2.63	cps
Zirconium	91-1	4584	5143	4468	4732	7.63	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6285-01	Instrumnet Name :	P7
Client Sample ID :	391204033.1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:55:05	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3834	3492	3801	3709	5.08	cps
Antimony	121-1	9729	9262	9362	9451	2.60	cps
Arsenic	75-1	11939	11915	11779	11878	0.73	cps
Barium	135-1	90831	90469	88488	89929	1.40	cps
Barium	137-1	158639	155007	153362	155670	1.73	cps
Beryllium	9-1	117	144	150	137	13.03	cps
Bismuth	209-1	15040503	15582692	15111188	15244794	1.93	cps
Bismuth	209-2	8133708	8004461	7944858	8027676	1.20	cps
Boron	11-1	86045	88266	84788	86366	2.04	cps
Boron	10-1	17794	18454	17578	17942	2.54	cps
Cadmium	106-1	9712	9454	9437	9534	1.62	cps
Cadmium	108-1	79	88	83	83	5.00	cps
Cadmium	111-1	7122	6902	7014	7013	1.57	cps
Calcium	43-1	687441	683168	684177	684928	0.33	cps
Calcium	44-1	11392240	11287760	11126624	11268874	1.19	cps
Chromium	52-2	1917	1927	1943	1929	0.70	cps
Cobalt	59-2	387	363	397	382	4.48	cps
Copper	63-2	52270	51815	51193	51759	1.04	cps
Dysprosium	156-1	133	142	50	108	46.79	cps
Dysprosium	156-2	30	57	70	52	39.00	cps
Erbium	164-2	117	70	100	96	24.75	cps
Erbium	164-1	200	108	158	156	29.51	cps
Gadolinium	160-1	183	267	275	242	20.98	cps
Gadolinium	160-2	347	463	433	414	14.62	cps
Holmium	165-1	23637456	24729566	24064549	24143857	2.28	cps
Holmium	165-2	11193984	11004385	10904755	11034375	1.33	cps
Indium	115-1	17864355	18469866	17995035	18109752	1.76	cps
Indium	115-2	2955504	2931420	2916712	2934545	0.67	cps
Iron	56-2	45649	45922	46012	45861	0.41	cps
Iron	57-2	5346	5340	5396	5360	0.57	cps
Krypton	83-1	1007	1007	1113	1042	5.91	cps
Lead	206-1	9370	9265	9276	9304	0.62	cps
Lead	207-1	8597	8186	8158	8314	2.96	cps
Lead	208-1	13484	13353	12981	13273	1.97	cps
Lithium	6-1	4590712	4718050	4561666	4623476	1.80	cps
Magnesium	24-2	1597784	1599536	1575277	1590866	0.85	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6285-01	Instrumnet Name :	P7
Client Sample ID :	391204033.1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:55:05	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14417	14237	14671	14442	1.51	cps
Molybdenum	94-1	1917	1950	2125	1997	5.60	cps
Molybdenum	95-1	2725	2634	2542	2634	3.48	cps
Molybdenum	96-1	2900	3159	2984	3014	4.38	cps
Molybdenum	97-1	1533	1634	1575	1581	3.18	cps
Molybdenum	98-1	4034	4109	4101	4081	1.01	cps
Neodymium	150-1	53	67	73	64	15.80	cps
Neodymium	150-2	13	0	27	13	100.01	cps
Nickel	60-2	2264	2050	2184	2166	4.98	cps
Phosphorus	31-2	2700	2475	2392	2523	6.32	cps
Potassium	39-2	590232	577773	578095	582034	1.22	cps
Rhodium	103-1	15860985	16451836	15784880	16032567	2.28	cps
Rhodium	103-2	7216716	7132098	7091812	7146875	0.89	cps
Scandium	45-1	10362253	10819739	10340126	10507373	2.58	cps
Scandium	45-2	410776	404631	400898	405435	1.23	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	39	46	61	49	23.20	cps
Selenium	82-1	109	33	93	78	51.41	cps
Silicon	28-1	24872106	24610545	24389615	24624089	0.98	cps
Silver	109-1	1408	2125	2867	2134	34.18	cps
Silver	107-1	1550	2342	3034	2309	32.16	cps
Sodium	23-2	23239372	23214318	22984623	23146104	0.61	cps
Strontium	86-1	373407	370024	365618	369683	1.06	cps
Strontium	88-1	3242282	3206463	3152343	3200363	1.41	cps
Sulfur	34-1	921714	913530	913365	916203	0.52	cps
Terbium	159-1	24091494	25169788	24211313	24490865	2.41	cps
Terbium	159-2	10700749	10689876	10603580	10664735	0.50	cps
Thallium	203-1	7319	9028	9912	8753	15.06	cps
Thallium	205-1	16987	21351	24699	21012	18.40	cps
Thorium	232-1	2378	2272	2461	2371	3.99	cps
Tin	118-1	45073	45099	45583	45252	0.63	cps
Titanium	47-1	1142	1233	1300	1225	6.49	cps
Uranium	238-1	3167	3292	3309	3256	2.38	cps
Vanadium	51-2	493	490	497	493	0.67	cps
Yttrium	89-1	21128330	21766941	20965015	21286762	1.99	cps
Yttrium	89-2	2542354	2488917	2508883	2513385	1.07	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6285-01	Instrumnet Name :	P7
Client Sample ID :	391204033.1	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:55:05	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	288474	287738	284662	286958	0.70	cps
Zirconium	90-1	1317	1517	1584	1472	9.43	cps
Zirconium	91-1	283	333	358	325	11.75	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:58:43	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5631623	5623860	5601522	5619002	0.28	cps
Antimony	121-1	6051093	6116573	6096139	6087935	0.55	cps
Arsenic	75-1	1321438	1335133	1323788	1326787	0.55	cps
Barium	135-1	7666883	7752204	7697822	7705636	0.56	cps
Barium	137-1	13428321	13561808	13199922	13396683	1.37	cps
Beryllium	9-1	1158975	1165777	1158538	1161097	0.35	cps
Bismuth	209-1	12230681	12382750	12404918	12339450	0.77	cps
Bismuth	209-2	6476269	6517637	6523634	6505847	0.40	cps
Boron	11-1	886307	921802	915870	907993	2.09	cps
Boron	10-1	189963	194444	192670	192359	1.17	cps
Cadmium	106-1	215516	217215	219195	217309	0.85	cps
Cadmium	108-1	141553	142773	142129	142152	0.43	cps
Cadmium	111-1	1843264	1856955	1847319	1849179	0.38	cps
Calcium	43-1	9056094	9106438	9170233	9110922	0.63	cps
Calcium	44-1	145286587	147386553	147312991	146662044	0.81	cps
Chromium	52-2	1675526	1700166	1701666	1692453	0.87	cps
Cobalt	59-2	2674319	2705223	2714379	2697974	0.78	cps
Copper	63-2	4019025	4064594	4061233	4048284	0.63	cps
Dysprosium	156-1	358	250	350	319	18.87	cps
Dysprosium	156-2	193	157	160	170	11.93	cps
Erbium	164-2	83	57	83	74	20.68	cps
Erbium	164-1	133	83	225	147	48.80	cps
Gadolinium	160-1	200	192	167	186	9.32	cps
Gadolinium	160-2	347	337	363	349	3.86	cps
Holmium	165-1	20941153	20978427	20929206	20949595	0.12	cps
Holmium	165-2	9713963	9802111	9824537	9780204	0.60	cps
Indium	115-1	14879093	15059794	14998701	14979196	0.61	cps
Indium	115-2	2515778	2554589	2566775	2545714	1.05	cps
Iron	56-2	341078808	341719285	342631308	341809800	0.23	cps
Iron	57-2	8421781	8450459	8450425	8440888	0.20	cps
Krypton	83-1	970	1020	987	992	2.57	cps
Lead	206-1	5157452	5237106	5181227	5191929	0.79	cps
Lead	207-1	4569975	4647203	4657062	4624747	1.03	cps
Lead	208-1	8104550	8145898	8148258	8132902	0.30	cps
Lithium	6-1	3947779	3995049	3967331	3970053	0.60	cps
Magnesium	24-2	62626176	62730766	62724585	62693842	0.09	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:58:43	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1913812	1939176	1933168	1928719	0.69	cps
Molybdenum	94-1	12478061	12632377	12558457	12556298	0.61	cps
Molybdenum	95-1	15203072	15194276	15292111	15229820	0.36	cps
Molybdenum	96-1	16922827	17144317	17067859	17045001	0.66	cps
Molybdenum	97-1	9547968	9681446	9525496	9584970	0.88	cps
Molybdenum	98-1	24581578	24898573	24737578	24739243	0.64	cps
Neodymium	150-1	867	953	973	931	6.09	cps
Neodymium	150-2	67	60	83	70	17.17	cps
Nickel	60-2	705855	708485	707942	707427	0.20	cps
Phosphorus	31-2	56775	57369	56859	57001	0.56	cps
Potassium	39-2	27652057	27816928	27807366	27758784	0.33	cps
Rhodium	103-1	12850164	12979938	12840836	12890313	0.60	cps
Rhodium	103-2	5669823	5718374	5724660	5704285	0.53	cps
Scandium	45-1	8948086	9122562	9053605	9041417	0.97	cps
Scandium	45-2	356612	359349	365767	360576	1.30	cps
Selenium	77-2	5228	4991	5121	5113	2.32	cps
Selenium	78-2	17538	17418	17501	17486	0.35	cps
Selenium	82-1	136429	137597	137662	137229	0.51	cps
Silicon	28-1	4291847	4413483	4458102	4387811	1.96	cps
Silver	109-1	7929386	7935765	7962330	7942494	0.22	cps
Silver	107-1	8246455	8222831	8318750	8262679	0.60	cps
Sodium	23-2	121715419	123259549	121599369	122191446	0.76	cps
Strontium	86-1	1975440	1977116	1995016	1982524	0.55	cps
Strontium	88-1	17351613	17511280	17461744	17441546	0.47	cps
Sulfur	34-1	1114424	1116505	1114398	1115109	0.11	cps
Terbium	159-1	21014362	21322862	21223290	21186838	0.74	cps
Terbium	159-2	9267696	9366717	9404320	9346244	0.76	cps
Thallium	203-1	6440290	6446276	6460508	6449025	0.16	cps
Thallium	205-1	15311765	15478332	15378103	15389400	0.54	cps
Thorium	232-1	22836549	23124559	23131305	23030804	0.73	cps
Tin	118-1	5195968	5245636	5237846	5226483	0.51	cps
Titanium	47-1	4034846	4098985	4058974	4064268	0.80	cps
Uranium	238-1	22124799	22501044	22272355	22299399	0.85	cps
Vanadium	51-2	1335970	1335262	1355068	1342100	0.84	cps
Yttrium	89-1	18423133	18391623	18459177	18424645	0.18	cps
Yttrium	89-2	2243201	2241687	2269346	2251411	0.69	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 15:58:43	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	622873	628303	626058	625744	0.44	cps
Zirconium	90-1	10476973	10614260	10517287	10536173	0.67	cps
Zirconium	91-1	2338191	2380065	2359749	2359335	0.89	cps

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P7
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 16:02:27 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358	458	300	372	21.51	cps
Antimony	121-1	5226	5393	6594	5738	13.00	cps
Arsenic	75-1	-1414	-1312	-1462	-1396	-5.49	cps
Barium	135-1	650	617	608	625	3.53	cps
Barium	137-1	1150	1050	975	1058	8.30	cps
Beryllium	9-1	239	283	189	237	19.93	cps
Bismuth	209-1	14190011	14218064	14294174	14234083	0.38	cps
Bismuth	209-2	7612684	7593596	7592445	7599575	0.15	cps
Boron	11-1	28854	27200	25581	27212	6.01	cps
Boron	10-1	5760	5943	5276	5660	6.09	cps
Cadmium	106-1	8995	8920	8211	8709	4.97	cps
Cadmium	108-1	50	42	33	42	20.00	cps
Cadmium	111-1	6553	6473	5999	6342	4.72	cps
Calcium	43-1	967	892	900	920	4.47	cps
Calcium	44-1	20624	19205	18346	19392	5.93	cps
Chromium	52-2	1257	1117	1147	1173	6.28	cps
Cobalt	59-2	327	333	360	340	5.19	cps
Copper	63-2	1540	1397	1430	1456	5.15	cps
Dysprosium	156-1	83	75	42	67	33.07	cps
Dysprosium	156-2	33	27	40	33	20.00	cps
Erbium	164-2	47	83	60	63	29.31	cps
Erbium	164-1	108	92	100	100	8.33	cps
Gadolinium	160-1	142	175	125	147	17.29	cps
Gadolinium	160-2	370	313	323	336	9.01	cps
Holmium	165-1	21922290	21602578	22021140	21848669	1.00	cps
Holmium	165-2	10297144	10220082	10390629	10302618	0.83	cps
Indium	115-1	16577027	16684904	16789271	16683734	0.64	cps
Indium	115-2	2746638	2772104	2782789	2767177	0.67	cps
Iron	56-2	28272	27994	27704	27990	1.01	cps
Iron	57-2	750	800	567	706	17.41	cps
Krypton	83-1	1087	1097	950	1045	7.85	cps
Lead	206-1	4262	4456	4029	4249	5.04	cps
Lead	207-1	3917	3362	3795	3691	7.91	cps
Lead	208-1	6027	4991	6439	5819	12.82	cps
Lithium	6-1	4284269	4334547	4363097	4327304	0.92	cps
Magnesium	24-2	3401	3559	3426	3462	2.46	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:02:27	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	327	487	360	391	21.58	cps
Molybdenum	94-1	2775	2509	2817	2700	6.20	cps
Molybdenum	95-1	3326	3075	3117	3173	4.22	cps
Molybdenum	96-1	3551	3417	3542	3503	2.13	cps
Molybdenum	97-1	2159	2025	2392	2192	8.47	cps
Molybdenum	98-1	4993	4968	5426	5129	5.03	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	1050	1167	913	1043	12.15	cps
Phosphorus	31-2	108	108	83	100	14.43	cps
Potassium	39-2	23453	23478	23177	23369	0.71	cps
Rhodium	103-1	14827574	14888928	14822433	14846311	0.25	cps
Rhodium	103-2	6790971	6758599	6755954	6768508	0.29	cps
Scandium	45-1	9523304	9583842	9673412	9593519	0.79	cps
Scandium	45-2	375134	373603	379115	375950	0.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	67	50	63	60	14.62	cps
Selenium	82-1	-61	-56	103	-5	-2052.14	cps
Silicon	28-1	158229	156021	155458	156569	0.94	cps
Silver	109-1	1050	1108	967	1042	6.84	cps
Silver	107-1	1417	1092	1233	1247	13.06	cps
Sodium	23-2	36512	36170	36086	36256	0.62	cps
Strontium	86-1	2092	1825	1684	1867	11.11	cps
Strontium	88-1	1750	1375	1342	1489	15.23	cps
Sulfur	34-1	446927	445432	443067	445142	0.44	cps
Terbium	159-1	21953940	22356230	22294393	22201521	0.98	cps
Terbium	159-2	9900672	9840597	9832591	9857953	0.38	cps
Thallium	203-1	2275	2250	2342	2289	2.07	cps
Thallium	205-1	5585	5009	4718	5104	8.64	cps
Thorium	232-1	7269	7024	7641	7312	4.25	cps
Tin	118-1	3267	4017	4009	3765	11.44	cps
Titanium	47-1	508	408	408	442	13.07	cps
Uranium	238-1	4226	4276	4042	4181	2.94	cps
Vanadium	51-2	60	63	73	66	10.58	cps
Yttrium	89-1	19451523	19568633	19630165	19550107	0.46	cps
Yttrium	89-2	2342420	2320987	2332961	2332123	0.46	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:02:27	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	927	930	1027	961	5.91	cps
Zirconium	90-1	2450	2367	2717	2511	7.28	cps
Zirconium	91-1	492	542	567	533	7.16	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MH14Q4	Dilution Factor :	2
Date & Time Acquired ::	2019-12-18 16:06:05	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	660433	647116	643348	650299	1.38	cps
Antimony	121-1	33148	32881	33290	33106	0.63	cps
Arsenic	75-1	21033	21860	21286	21393	1.98	cps
Barium	135-1	645920	645440	635352	642237	0.93	cps
Barium	137-1	1115871	1114699	1105761	1112110	0.50	cps
Beryllium	9-1	1961	1706	1822	1830	6.99	cps
Bismuth	209-1	14411821	14280159	14244235	14312071	0.62	cps
Bismuth	209-2	7582445	7452889	7441279	7492204	1.05	cps
Boron	11-1	192892	190640	193381	192304	0.76	cps
Boron	10-1	40589	40689	40973	40750	0.49	cps
Cadmium	106-1	11564	10429	10671	10888	5.49	cps
Cadmium	108-1	1292	1304	1379	1325	3.57	cps
Cadmium	111-1	21978	21262	21300	21513	1.87	cps
Calcium	43-1	1503030	1493686	1469394	1488703	1.17	cps
Calcium	44-1	24593140	24317293	23852822	24254418	1.54	cps
Chromium	52-2	101352	101335	98614	100433	1.57	cps
Cobalt	59-2	26581	26387	26661	26543	0.53	cps
Copper	63-2	457953	455889	453129	455657	0.53	cps
Dysprosium	156-1	44089	43838	44097	44008	0.33	cps
Dysprosium	156-2	20132	19744	20465	20114	1.79	cps
Erbium	164-2	12042	11732	11278	11684	3.29	cps
Erbium	164-1	27003	26142	25441	26195	2.99	cps
Gadolinium	160-1	28523	28656	26852	28010	3.59	cps
Gadolinium	160-2	14852	15035	15018	14968	0.68	cps
Holmium	165-1	22522774	22531917	21937477	22330723	1.53	cps
Holmium	165-2	10450595	10379570	10238343	10356169	1.04	cps
Indium	115-1	16897800	16936337	16551520	16795219	1.26	cps
Indium	115-2	2772419	2738374	2728182	2746325	0.84	cps
Iron	56-2	31273251	31008499	31013092	31098281	0.49	cps
Iron	57-2	773812	770096	760405	768105	0.90	cps
Krypton	83-1	1047	1007	1143	1066	6.59	cps
Lead	206-1	2226786	2211980	2190190	2209652	0.83	cps
Lead	207-1	1909142	1890308	1873195	1890882	0.95	cps
Lead	208-1	3189840	3207202	3149369	3182137	0.93	cps
Lithium	6-1	4438097	4430008	4329908	4399338	1.37	cps
Magnesium	24-2	1540686	1516699	1512117	1523168	1.01	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MH14Q4	Dilution Factor :	2
Date & Time Acquired ::	2019-12-18 16:06:05	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1108697	1079739	1076347	1088261	1.63	cps
Molybdenum	94-1	54777	57550	57802	56710	2.96	cps
Molybdenum	95-1	14767	15217	14349	14778	2.94	cps
Molybdenum	96-1	24372	25148	24322	24614	1.88	cps
Molybdenum	97-1	9620	9087	9312	9340	2.87	cps
Molybdenum	98-1	23904	25065	24906	24625	2.55	cps
Neodymium	150-1	55486	53959	53163	54203	2.18	cps
Neodymium	150-2	18950	18442	18509	18634	1.48	cps
Nickel	60-2	29530	28839	29426	29265	1.27	cps
Phosphorus	31-2	17728	17945	17911	17861	0.65	cps
Potassium	39-2	2137407	2106773	2081946	2108709	1.32	cps
Rhodium	103-1	14902620	15052024	14776616	14910420	0.92	cps
Rhodium	103-2	6686929	6598708	6555833	6613823	1.01	cps
Scandium	45-1	9894825	9845577	9583744	9774715	1.71	cps
Scandium	45-2	384485	378677	370986	378050	1.79	cps
Selenium	77-2	123	50	77	83	44.54	cps
Selenium	78-2	172	150	161	161	6.90	cps
Selenium	82-1	419	445	265	376	25.80	cps
Silicon	28-1	5503626	5489017	5331127	5441257	1.76	cps
Silver	109-1	14483	14725	14174	14461	1.91	cps
Silver	107-1	15259	15367	15426	15351	0.55	cps
Sodium	23-2	8850295	8713864	8689788	8751316	0.99	cps
Strontium	86-1	655188	637586	636772	643182	1.62	cps
Strontium	88-1	5740142	5670230	5620310	5676894	1.06	cps
Sulfur	34-1	841716	828550	824561	831609	1.08	cps
Terbium	159-1	23060497	22884831	22201101	22715477	2.00	cps
Terbium	159-2	10087075	9910620	9878091	9958596	1.13	cps
Thallium	203-1	4718	4434	4626	4593	3.15	cps
Thallium	205-1	10313	10313	10630	10418	1.76	cps
Thorium	232-1	21947	21424	21223	21531	1.73	cps
Tin	118-1	144418	144512	142178	143703	0.92	cps
Titanium	47-1	253139	250883	247908	250643	1.05	cps
Uranium	238-1	62293	60936	61346	61525	1.13	cps
Vanadium	51-2	54882	53972	53493	54116	1.30	cps
Yttrium	89-1	20574668	20389691	20035241	20333200	1.35	cps
Yttrium	89-2	2428825	2398112	2363776	2396905	1.36	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-07DLX2	Instrumnet Name :	P7
Client Sample ID :	MH14Q4	Dilution Factor :	2
Date & Time Acquired ::	2019-12-18 16:06:05	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	818603	804337	803976	808972	1.03	cps
Zirconium	90-1	124448	127957	129271	127225	1.96	cps
Zirconium	91-1	28608	27321	27696	27875	2.37	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MH14Q5	Dilution Factor :	2
Date & Time Acquired ::	2019-12-18 16:09:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	849083	846037	843369	846163	0.34	cps
Antimony	121-1	27060	26768	27845	27224	2.05	cps
Arsenic	75-1	18773	18116	19140	18676	2.78	cps
Barium	135-1	601765	581922	599283	594323	1.82	cps
Barium	137-1	1041540	1005882	1033972	1027131	1.83	cps
Beryllium	9-1	2361	2139	2256	2252	4.94	cps
Bismuth	209-1	11872906	14026890	14224460	13374752	9.75	cps
Bismuth	209-2	7498366	7518407	7493497	7503423	0.18	cps
Boron	11-1	207059	205181	208876	207039	0.89	cps
Boron	10-1	43012	43606	43965	43528	1.11	cps
Cadmium	106-1	9429	10346	10813	10196	6.91	cps
Cadmium	108-1	1046	1100	933	1026	8.28	cps
Cadmium	111-1	16939	17481	18250	17556	3.75	cps
Calcium	43-1	1705900	1665054	1678215	1683056	1.24	cps
Calcium	44-1	27502176	27035375	27331696	27289749	0.87	cps
Chromium	52-2	83545	82130	82858	82845	0.85	cps
Cobalt	59-2	24214	24350	24444	24336	0.48	cps
Copper	63-2	598969	598404	600969	599447	0.22	cps
Dysprosium	156-1	44515	43871	44172	44186	0.73	cps
Dysprosium	156-2	20318	19921	20118	20119	0.99	cps
Erbium	164-2	12659	12222	12339	12407	1.82	cps
Erbium	164-1	28071	28180	27721	27991	0.86	cps
Gadolinium	160-1	31019	30276	30351	30549	1.34	cps
Gadolinium	160-2	15990	15629	15546	15721	1.50	cps
Holmium	165-1	18647727	21819834	22724804	21064121	10.16	cps
Holmium	165-2	10409228	10367112	10331081	10369140	0.38	cps
Indium	115-1	13855075	16313969	16834763	15667936	10.16	cps
Indium	115-2	2739687	2754371	2768688	2754249	0.53	cps
Iron	56-2	31706199	31687813	32074924	31822979	0.69	cps
Iron	57-2	783005	786910	788983	786299	0.39	cps
Krypton	83-1	1097	1023	1077	1066	3.56	cps
Lead	206-1	1804302	1754240	1777234	1778592	1.41	cps
Lead	207-1	1541562	1497277	1508831	1515890	1.52	cps
Lead	208-1	2594316	2509075	2537832	2547074	1.70	cps
Lithium	6-1	3726724	4251944	4386788	4121819	8.46	cps
Magnesium	24-2	1659344	1665062	1670781	1665062	0.34	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MH14Q5	Dilution Factor :	2
Date & Time Acquired ::	2019-12-18 16:09:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1350339	1344285	1353415	1349346	0.34	cps
Molybdenum	94-1	38607	38348	39249	38735	1.20	cps
Molybdenum	95-1	11931	11789	12223	11981	1.85	cps
Molybdenum	96-1	19545	18705	18680	18977	2.59	cps
Molybdenum	97-1	8061	7419	7519	7666	4.51	cps
Molybdenum	98-1	18663	18838	19222	18908	1.51	cps
Neodymium	150-1	56215	54622	56041	55626	1.57	cps
Neodymium	150-2	19454	19431	19317	19401	0.38	cps
Nickel	60-2	28141	28267	28742	28383	1.12	cps
Phosphorus	31-2	16802	16618	16351	16590	1.37	cps
Potassium	39-2	1692235	1674184	1690175	1685531	0.59	cps
Rhodium	103-1	12427467	14555180	15013500	13998716	9.86	cps
Rhodium	103-2	6586126	6610453	6618684	6605088	0.26	cps
Scandium	45-1	8056437	9444558	9787398	9096131	10.08	cps
Scandium	45-2	377144	377858	383731	379578	0.95	cps
Selenium	77-2	57	63	70	63	10.52	cps
Selenium	78-2	159	139	163	154	8.43	cps
Selenium	82-1	306	404	202	304	33.14	cps
Silicon	28-1	9197629	9040735	9120579	9119647	0.86	cps
Silver	109-1	13123	11555	12247	12309	6.38	cps
Silver	107-1	13173	12514	13436	13041	3.64	cps
Sodium	23-2	6099240	6136718	6089818	6108592	0.41	cps
Strontium	86-1	684278	686691	696987	689318	0.98	cps
Strontium	88-1	6082416	5978764	6123722	6061634	1.23	cps
Sulfur	34-1	702002	694592	703601	700065	0.69	cps
Terbium	159-1	18969935	22259906	23089940	21439927	10.16	cps
Terbium	159-2	9890109	9965848	10019758	9958572	0.65	cps
Thallium	203-1	3359	3417	3376	3384	0.89	cps
Thallium	205-1	7786	7803	8353	7981	4.04	cps
Thorium	232-1	21648	20277	20695	20874	3.37	cps
Tin	118-1	101061	98311	99158	99510	1.42	cps
Titanium	47-1	267500	265093	267545	266713	0.53	cps
Uranium	238-1	68801	67218	68574	68198	1.26	cps
Vanadium	51-2	51670	50456	50851	50992	1.21	cps
Yttrium	89-1	16847943	19701329	20389034	18979435	9.89	cps
Yttrium	89-2	2386479	2395792	2399405	2393892	0.28	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-08DLX2	Instrumnet Name :	P7
Client Sample ID :	MH14Q5	Dilution Factor :	2
Date & Time Acquired ::	2019-12-18 16:09:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	742631	752200	743953	746261	0.69	cps
Zirconium	90-1	91692	88756	100681	93710	6.63	cps
Zirconium	91-1	19057	20688	19457	19734	4.31	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6290-06A	Instrumnet Name :	P7
Client Sample ID :	MH14N3A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:24:53	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2687173	2671912	2670653	2676579	0.34	cps
Antimony	121-1	98049	97655	98359	98021	0.36	cps
Arsenic	75-1	170005	165140	166303	167149	1.52	cps
Barium	135-1	1187378	1177513	1201277	1188723	1.00	cps
Barium	137-1	2060076	2046391	2061838	2056101	0.41	cps
Beryllium	9-1	2595	2445	2245	2428	7.23	cps
Bismuth	209-1	13969976	14066668	14011367	14016004	0.35	cps
Bismuth	209-2	7275173	7204764	7111320	7197086	1.14	cps
Boron	11-1	348183	349341	343918	347147	0.82	cps
Boron	10-1	72775	72507	71159	72147	1.20	cps
Cadmium	106-1	13148	12706	12139	12664	3.99	cps
Cadmium	108-1	2859	2755	3013	2875	4.52	cps
Cadmium	111-1	41056	41550	40613	41073	1.14	cps
Calcium	43-1	11559179	11447421	11247816	11418139	1.38	cps
Calcium	44-1	185881458	184436808	182225217	184181161	1.00	cps
Chromium	52-2	171774	173862	171923	172520	0.68	cps
Cobalt	59-2	118124	118749	116031	117635	1.21	cps
Copper	63-2	1189964	1196127	1195893	1193995	0.29	cps
Dysprosium	156-1	77578	77553	76589	77240	0.73	cps
Dysprosium	156-2	34133	34864	34981	34659	1.33	cps
Erbium	164-2	28243	28500	28974	28572	1.30	cps
Erbium	164-1	62878	64386	63121	63462	1.28	cps
Gadolinium	160-1	62804	62854	64586	63415	1.60	cps
Gadolinium	160-2	32041	32900	32118	32353	1.47	cps
Holmium	165-1	22730768	22896752	22636026	22754515	0.58	cps
Holmium	165-2	10395149	10329108	10231261	10318506	0.80	cps
Indium	115-1	16712977	16638465	16662009	16671150	0.23	cps
Indium	115-2	2681405	2698255	2662859	2680840	0.66	cps
Iron	56-2	90232933	90064235	88881141	89726103	0.82	cps
Iron	57-2	2268131	2269898	2231803	2256611	0.95	cps
Krypton	83-1	983	1097	983	1021	6.41	cps
Lead	206-1	9981826	9893560	9844794	9906727	0.70	cps
Lead	207-1	8646977	8542363	8509352	8566231	0.84	cps
Lead	208-1	14757352	14521139	14556160	14611550	0.87	cps
Lithium	6-1	4258970	4227194	4157431	4214532	1.23	cps
Magnesium	24-2	3136371	3134493	3109725	3126863	0.48	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6290-06A	Instrumnet Name :	P7
Client Sample ID :	MH14N3A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:24:53	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2624608	2634521	2604549	2621226	0.58	cps
Molybdenum	94-1	76195	77343	76489	76675	0.78	cps
Molybdenum	95-1	34317	33557	33950	33941	1.12	cps
Molybdenum	96-1	47848	46585	47029	47154	1.36	cps
Molybdenum	97-1	21500	21617	21450	21523	0.40	cps
Molybdenum	98-1	53468	55517	54221	54402	1.91	cps
Neodymium	150-1	107470	109399	107181	108017	1.12	cps
Neodymium	150-2	37855	37337	37117	37436	1.01	cps
Nickel	60-2	88056	88528	89847	88810	1.04	cps
Phosphorus	31-2	42938	41843	40606	41796	2.79	cps
Potassium	39-2	1442259	1443389	1426464	1437371	0.66	cps
Rhodium	103-1	14363136	14382070	14270509	14338572	0.42	cps
Rhodium	103-2	6371494	6333660	6252907	6319354	0.96	cps
Scandium	45-1	9782948	9741583	9691229	9738586	0.47	cps
Scandium	45-2	370782	376162	372597	373180	0.73	cps
Selenium	77-2	267	293	287	282	4.92	cps
Selenium	78-2	604	596	576	592	2.43	cps
Selenium	82-1	3866	3756	3882	3834	1.78	cps
Silicon	28-1	12688051	12597234	12388681	12557989	1.22	cps
Silver	109-1	184370	186566	187996	186311	0.98	cps
Silver	107-1	194976	189128	193083	192396	1.55	cps
Sodium	23-2	8899950	8874122	8711327	8828466	1.16	cps
Strontium	86-1	6759764	6679158	6686419	6708447	0.66	cps
Strontium	88-1	58996035	58372174	58547651	58638620	0.55	cps
Sulfur	34-1	3828062	3770877	4522771	4040570	10.36	cps
Terbium	159-1	23093966	23011690	22949729	23018462	0.31	cps
Terbium	159-2	9943646	9898885	9780762	9874431	0.85	cps
Thallium	203-1	6235	6110	6460	6268	2.83	cps
Thallium	205-1	14191	13808	14417	14139	2.18	cps
Thorium	232-1	163900	166381	166661	165647	0.92	cps
Tin	118-1	448863	447787	449987	448879	0.25	cps
Titanium	47-1	1073131	1060377	1062665	1065391	0.64	cps
Uranium	238-1	210351	208365	208330	209016	0.55	cps
Vanadium	51-2	182345	181137	179322	180935	0.84	cps
Yttrium	89-1	21124864	20818558	21027503	20990308	0.75	cps
Yttrium	89-2	2460065	2441547	2448437	2450016	0.38	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6290-06A	Instrumnet Name :	P7
Client Sample ID :	MH14N3A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:24:53	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2515802	2527638	2496754	2513398	0.62	cps
Zirconium	90-1	160019	157450	155545	157671	1.42	cps
Zirconium	91-1	35312	34016	34802	34710	1.88	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-10A	Instrumnet Name :	P7
Client Sample ID :	MH14Q7A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:28:32	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1677773	1684961	1682058	1681597	0.22	cps
Antimony	121-1	159708	163552	164335	162532	1.52	cps
Arsenic	75-1	71713	73414	74256	73128	1.77	cps
Barium	135-1	2082588	2099648	2108399	2096878	0.63	cps
Barium	137-1	3585513	3590549	3609608	3595223	0.35	cps
Beryllium	9-1	3300	3606	3239	3382	5.81	cps
Bismuth	209-1	15860310	15729031	15803087	15797476	0.42	cps
Bismuth	209-2	8146336	8169182	8193527	8169682	0.29	cps
Boron	11-1	164031	165597	168884	166171	1.49	cps
Boron	10-1	34691	35000	35418	35036	1.04	cps
Cadmium	106-1	26960	27619	27444	27341	1.25	cps
Cadmium	108-1	13106	12919	13423	13149	1.94	cps
Cadmium	111-1	188397	191780	191589	190589	1.00	cps
Calcium	43-1	4379858	4393569	4399790	4391072	0.23	cps
Calcium	44-1	71589227	71178337	72610406	71792656	1.03	cps
Chromium	52-2	345627	342933	343210	343923	0.43	cps
Cobalt	59-2	112937	112766	113361	113021	0.27	cps
Copper	63-2	14724721	14695586	14652549	14690952	0.25	cps
Dysprosium	156-1	91395	92470	91974	91946	0.59	cps
Dysprosium	156-2	40944	41155	41793	41298	1.07	cps
Erbium	164-2	29155	29639	29535	29443	0.87	cps
Erbium	164-1	66429	67015	66748	66731	0.44	cps
Gadolinium	160-1	73355	72635	71513	72501	1.28	cps
Gadolinium	160-2	36031	36586	36519	36378	0.83	cps
Holmium	165-1	22973710	23002221	23119942	23031958	0.34	cps
Holmium	165-2	10488229	10541769	10467921	10499306	0.36	cps
Indium	115-1	15086356	15394465	15346899	15275907	1.09	cps
Indium	115-2	2323699	2371463	2345457	2346873	1.02	cps
Iron	56-2	332429241	331499174	328658718	330862378	0.59	cps
Iron	57-2	8052016	8049238	8068038	8056431	0.13	cps
Krypton	83-1	1213	1273	1207	1231	2.98	cps
Lead	206-1	113463314	113911216	115592933	114322488	0.98	cps
Lead	207-1	103166275	102907386	103696047	103256569	0.39	cps
Lead	208-1	178961332	177825100	176780886	177855772	0.61	cps
Lithium	6-1	4277540	4331626	4307187	4305451	0.63	cps
Magnesium	24-2	3348991	3329597	3355901	3344830	0.41	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-10A	Instrumnet Name :	P7
Client Sample ID :	MH14Q7A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:28:32	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2447434	2444235	2466787	2452819	0.50	cps
Molybdenum	94-1	68323	69671	69838	69277	1.20	cps
Molybdenum	95-1	47823	49570	48032	48475	1.97	cps
Molybdenum	96-1	64613	62915	62035	63188	2.07	cps
Molybdenum	97-1	30584	31018	30901	30834	0.73	cps
Molybdenum	98-1	81123	77134	79908	79388	2.58	cps
Neodymium	150-1	130876	132578	134968	132808	1.55	cps
Neodymium	150-2	45853	45963	45876	45897	0.13	cps
Nickel	60-2	211083	212034	211893	211670	0.24	cps
Phosphorus	31-2	18662	18971	19739	19124	2.90	cps
Potassium	39-2	1072889	1063320	1060084	1065431	0.62	cps
Rhodium	103-1	15005885	15092565	15118287	15072246	0.39	cps
Rhodium	103-2	6537572	6573500	6576878	6562650	0.33	cps
Scandium	45-1	9990117	9911249	10075063	9992143	0.82	cps
Scandium	45-2	382447	381137	383534	382373	0.31	cps
Selenium	77-2	160	183	233	192	19.49	cps
Selenium	78-2	278	300	287	288	3.87	cps
Selenium	82-1	981	940	1106	1009	8.55	cps
Silicon	28-1	36123833	36167327	35875050	36055403	0.44	cps
Silver	109-1	369936	371123	372809	371289	0.39	cps
Silver	107-1	381424	389527	385352	385434	1.05	cps
Sodium	23-2	2600239	2556233	2596633	2584368	0.95	cps
Strontium	86-1	2608301	2648631	2639410	2632114	0.80	cps
Strontium	88-1	23301547	23564555	23523620	23463241	0.60	cps
Sulfur	34-1	1029362	1046690	1045542	1040531	0.93	cps
Terbium	159-1	23261680	23402034	23809354	23491023	1.21	cps
Terbium	159-2	10071020	10002703	10030689	10034804	0.34	cps
Thallium	203-1	67530	68125	67153	67603	0.72	cps
Thallium	205-1	161352	161015	162642	161670	0.53	cps
Thorium	232-1	275277	270343	275506	273709	1.07	cps
Tin	118-1	88634027	89667481	89811846	89371118	0.72	cps
Titanium	47-1	702348	709163	711168	707560	0.65	cps
Uranium	238-1	324873	321757	325731	324121	0.65	cps
Vanadium	51-2	203856	204011	205917	204595	0.56	cps
Yttrium	89-1	21252937	21255432	21319298	21275889	0.18	cps
Yttrium	89-2	2460032	2457755	2461718	2459835	0.08	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6291-10A	Instrumnet Name :	P7
Client Sample ID :	MH14Q7A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:28:32	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9705322	9736546	9713824	9718564	0.17	cps
Zirconium	90-1	113388	112405	113841	113212	0.65	cps
Zirconium	91-1	25398	25849	25582	25610	0.89	cps

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : K6293-01A Instrumnet Name : P7
 Client Sample ID : MH14R7A Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 16:32:12 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1473342	1459627	1462633	1465201	0.49	cps
Antimony	121-1	60238	63126	60824	61396	2.49	cps
Arsenic	75-1	87308	84112	84973	85464	1.93	cps
Barium	135-1	598307	607604	604392	603434	0.78	cps
Barium	137-1	1033077	1054560	1048595	1045411	1.06	cps
Beryllium	9-1	2317	2389	2311	2339	1.86	cps
Bismuth	209-1	13779356	13811327	13897145	13829276	0.44	cps
Bismuth	209-2	7160320	7170206	7190644	7173723	0.22	cps
Boron	11-1	423214	428807	433061	428360	1.15	cps
Boron	10-1	88903	88820	91275	89666	1.55	cps
Cadmium	106-1	19005	19306	19556	19289	1.43	cps
Cadmium	108-1	7444	7394	7419	7419	0.34	cps
Cadmium	111-1	110419	111104	112126	111216	0.77	cps
Calcium	43-1	11391535	11412441	11281607	11361861	0.62	cps
Calcium	44-1	184006137	185659583	181419029	183694917	1.16	cps
Chromium	52-2	216904	216337	216854	216698	0.15	cps
Cobalt	59-2	75473	75771	75302	75515	0.31	cps
Copper	63-2	494874	497628	490077	494193	0.77	cps
Dysprosium	156-1	65056	65583	64427	65022	0.89	cps
Dysprosium	156-2	28817	28012	28279	28369	1.45	cps
Erbium	164-2	22051	21831	22372	22085	1.23	cps
Erbium	164-1	48846	49767	50594	49736	1.76	cps
Gadolinium	160-1	51230	51281	50988	51166	0.31	cps
Gadolinium	160-2	25410	25935	26148	25831	1.47	cps
Holmium	165-1	22359342	22591871	22811006	22587406	1.00	cps
Holmium	165-2	10360687	10330050	10356563	10349100	0.16	cps
Indium	115-1	16480118	16407140	16322049	16403102	0.48	cps
Indium	115-2	2631323	2653627	2670372	2651774	0.74	cps
Iron	56-2	73207077	72709504	72810704	72909095	0.36	cps
Iron	57-2	1841307	1840598	1830662	1837522	0.32	cps
Krypton	83-1	1167	1167	1043	1126	6.33	cps
Lead	206-1	13037614	13328161	13131902	13165892	1.13	cps
Lead	207-1	11253793	11417689	11489599	11387027	1.06	cps
Lead	208-1	19478172	19210551	19690339	19459688	1.24	cps
Lithium	6-1	3957842	3973320	3948804	3959989	0.31	cps
Magnesium	24-2	6252755	6237742	6250805	6247101	0.13	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6293-01A	Instrumnet Name :	P7
Client Sample ID :	MH14R7A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:32:12	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1500864	1487543	1502067	1496825	0.54	cps
Molybdenum	94-1	106481	105219	105386	105695	0.65	cps
Molybdenum	95-1	33206	33215	32079	32833	1.99	cps
Molybdenum	96-1	52046	51995	52815	52285	0.88	cps
Molybdenum	97-1	21375	21000	21024	21133	0.99	cps
Molybdenum	98-1	52698	53777	55301	53925	2.42	cps
Neodymium	150-1	90576	92488	90732	91265	1.16	cps
Neodymium	150-2	30891	30955	31406	31084	0.90	cps
Nickel	60-2	71289	72230	72488	72002	0.88	cps
Phosphorus	31-2	9612	9145	8661	9139	5.20	cps
Potassium	39-2	2185066	2147082	2165217	2165788	0.88	cps
Rhodium	103-1	14207729	14181475	14291412	14226872	0.40	cps
Rhodium	103-2	6235707	6187234	6248803	6223915	0.52	cps
Scandium	45-1	9531447	9429474	9418711	9459877	0.66	cps
Scandium	45-2	360355	358881	363132	360789	0.60	cps
Selenium	77-2	400	333	347	360	9.80	cps
Selenium	78-2	994	1026	969	996	2.89	cps
Selenium	82-1	7258	7385	7417	7353	1.15	cps
Silicon	28-1	18253856	18474528	18355707	18361363	0.60	cps
Silver	109-1	195949	194328	196412	195563	0.56	cps
Silver	107-1	199739	203282	204484	202501	1.22	cps
Sodium	23-2	32963748	32724953	32859039	32849247	0.36	cps
Strontium	86-1	8142426	8348929	8217329	8236228	1.27	cps
Strontium	88-1	71608333	72922937	72224241	72251837	0.91	cps
Sulfur	34-1	7465975	7503490	7443020	7470828	0.41	cps
Terbium	159-1	22978690	23238198	22977610	23064832	0.65	cps
Terbium	159-2	9893332	9823682	9885542	9867518	0.39	cps
Thallium	203-1	5927	6569	6227	6241	5.15	cps
Thallium	205-1	14033	14166	14550	14250	1.88	cps
Thorium	232-1	178347	181094	181442	180294	0.94	cps
Tin	118-1	903429	927121	892332	907627	1.96	cps
Titanium	47-1	761526	763741	752322	759197	0.80	cps
Uranium	238-1	1327729	1347448	1347679	1340952	0.85	cps
Vanadium	51-2	144136	143937	143564	143879	0.20	cps
Yttrium	89-1	20275418	20530613	20428376	20411469	0.63	cps
Yttrium	89-2	2375062	2361933	2387388	2374794	0.54	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6293-01A	Instrumnet Name :	P7
Client Sample ID :	MH14R7A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:32:12	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	966275	968013	961477	965255	0.35	cps
Zirconium	90-1	236395	241090	237948	238478	1.00	cps
Zirconium	91-1	53894	53259	54111	53755	0.82	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6296-01A	Instrumnet Name :	P7
Client Sample ID :	MH14T2A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:35:51	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	725690	727064	728603	727119	0.20	cps
Antimony	121-1	124648	125330	122834	124271	1.04	cps
Arsenic	75-1	111498	113310	111812	112206	0.86	cps
Barium	135-1	841487	832847	843414	839249	0.67	cps
Barium	137-1	1465307	1459934	1456277	1460506	0.31	cps
Beryllium	9-1	1950	1789	1856	1865	4.34	cps
Bismuth	209-1	14192119	14332912	14268294	14264442	0.49	cps
Bismuth	209-2	7251464	7228886	7217545	7232632	0.24	cps
Boron	11-1	269479	274256	279879	274538	1.90	cps
Boron	10-1	56297	58230	58941	57823	2.37	cps
Cadmium	106-1	11897	11722	11939	11853	0.97	cps
Cadmium	108-1	2138	2196	2154	2163	1.39	cps
Cadmium	111-1	37573	37924	37879	37792	0.51	cps
Calcium	43-1	3817893	3867136	3818050	3834359	0.74	cps
Calcium	44-1	62277512	62128156	62980424	62462031	0.73	cps
Chromium	52-2	174398	176218	176944	175853	0.75	cps
Cobalt	59-2	57683	56010	56927	56873	1.47	cps
Copper	63-2	1103122	1087517	1086378	1092339	0.86	cps
Dysprosium	156-1	50887	51197	50728	50937	0.47	cps
Dysprosium	156-2	22372	22105	21450	21976	2.16	cps
Erbium	164-2	15008	15149	15395	15184	1.29	cps
Erbium	164-1	35430	35054	35355	35280	0.56	cps
Gadolinium	160-1	38054	38680	38146	38293	0.88	cps
Gadolinium	160-2	18179	18666	18736	18527	1.64	cps
Holmium	165-1	22757516	22827711	22940087	22841771	0.40	cps
Holmium	165-2	10194819	10198048	10189214	10194027	0.04	cps
Indium	115-1	16545902	16672916	16707929	16642249	0.51	cps
Indium	115-2	2629809	2620274	2621642	2623908	0.20	cps
Iron	56-2	100785638	101049422	101058322	100964461	0.15	cps
Iron	57-2	2475881	2491922	2464197	2477333	0.56	cps
Krypton	83-1	1003	1040	1040	1028	2.06	cps
Lead	206-1	5368439	5411444	5371234	5383706	0.45	cps
Lead	207-1	4589589	4577996	4564250	4577279	0.28	cps
Lead	208-1	7830259	7796804	7802385	7809816	0.23	cps
Lithium	6-1	3907635	3938666	3952016	3932772	0.58	cps
Magnesium	24-2	1772742	1742269	1765742	1760251	0.91	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6296-01A	Instrumnet Name :	P7
Client Sample ID :	MH14T2A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:35:51	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1275464	1277635	1272694	1275265	0.19	cps
Molybdenum	94-1	37376	35796	36548	36573	2.16	cps
Molybdenum	95-1	51210	51602	52548	51787	1.33	cps
Molybdenum	96-1	59341	57617	57266	58074	1.91	cps
Molybdenum	97-1	32371	32588	31795	32251	1.27	cps
Molybdenum	98-1	83670	84737	81936	83448	1.69	cps
Neodymium	150-1	71237	70728	70963	70976	0.36	cps
Neodymium	150-2	23908	23570	23724	23734	0.71	cps
Nickel	60-2	72511	74086	71989	72862	1.50	cps
Phosphorus	31-2	25857	26090	25848	25932	0.53	cps
Potassium	39-2	1492982	1502127	1494507	1496539	0.33	cps
Rhodium	103-1	14474476	14563934	14412864	14483758	0.52	cps
Rhodium	103-2	6283992	6278267	6234925	6265728	0.43	cps
Scandium	45-1	9295347	9337954	9390157	9341153	0.51	cps
Scandium	45-2	351189	353530	350020	351580	0.51	cps
Selenium	77-2	197	167	193	186	8.86	cps
Selenium	78-2	454	396	467	439	8.53	cps
Selenium	82-1	3198	3272	3242	3237	1.14	cps
Silicon	28-1	27438141	27629597	27615300	27561013	0.39	cps
Silver	109-1	755021	758507	741792	751773	1.17	cps
Silver	107-1	784829	790610	788199	787879	0.37	cps
Sodium	23-2	37706941	37353253	37338340	37466178	0.56	cps
Strontium	86-1	2294531	2287451	2283469	2288484	0.24	cps
Strontium	88-1	20213597	19967396	20216357	20132450	0.71	cps
Sulfur	34-1	4618884	4618930	4617522	4618445	0.02	cps
Terbium	159-1	23135823	23444644	23143186	23241218	0.76	cps
Terbium	159-2	9781423	9794142	9757905	9777823	0.19	cps
Thallium	203-1	3776	3892	3942	3870	2.21	cps
Thallium	205-1	8403	8728	9028	8720	3.59	cps
Thorium	232-1	25659	25904	25921	25828	0.57	cps
Tin	118-1	195849	197545	200099	197831	1.08	cps
Titanium	47-1	326679	329982	326095	327585	0.64	cps
Uranium	238-1	115195	115068	114218	114827	0.46	cps
Vanadium	51-2	75540	74775	75331	75215	0.53	cps
Yttrium	89-1	20113902	20144352	19977753	20078669	0.44	cps
Yttrium	89-2	2286300	2282870	2295629	2288266	0.29	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6296-01A	Instrumnet Name :	P7
Client Sample ID :	MH14T2A	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:35:51	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	902089	898095	896124	898770	0.34	cps
Zirconium	90-1	18705	18980	19393	19026	1.82	cps
Zirconium	91-1	4526	4701	4201	4476	5.67	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:48:07	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5237977	5289640	5246751	5258123	0.53	cps
Antimony	121-1	6231136	6185674	6081074	6165961	1.25	cps
Arsenic	75-1	1359727	1345400	1321757	1342295	1.43	cps
Barium	135-1	7888392	7880404	7720589	7829795	1.21	cps
Barium	137-1	13585613	13592703	13398406	13525574	0.81	cps
Beryllium	9-1	1115032	1098364	1093232	1102209	1.03	cps
Bismuth	209-1	12682981	12638439	12589345	12636922	0.37	cps
Bismuth	209-2	6538904	6524341	6455060	6506102	0.69	cps
Boron	11-1	845883	846233	856096	849404	0.68	cps
Boron	10-1	181054	180490	181942	181162	0.40	cps
Cadmium	106-1	218331	217972	215806	217369	0.63	cps
Cadmium	108-1	144023	145450	143093	144189	0.82	cps
Cadmium	111-1	1894411	1884858	1860685	1879985	0.92	cps
Calcium	43-1	8983041	8934591	8864976	8927536	0.66	cps
Calcium	44-1	143676095	144103791	141965849	143248578	0.79	cps
Chromium	52-2	1619108	1637760	1618879	1625249	0.67	cps
Cobalt	59-2	2614185	2612115	2596478	2607593	0.37	cps
Copper	63-2	4069420	4046626	4026120	4047389	0.54	cps
Dysprosium	156-1	308	300	267	292	7.56	cps
Dysprosium	156-2	190	200	253	214	15.88	cps
Erbium	164-2	60	103	80	81	26.74	cps
Erbium	164-1	167	133	125	142	15.56	cps
Gadolinium	160-1	150	200	133	161	21.53	cps
Gadolinium	160-2	327	300	287	304	6.69	cps
Holmium	165-1	21664572	21507766	21527841	21566726	0.40	cps
Holmium	165-2	9820706	9791099	9716505	9776104	0.55	cps
Indium	115-1	15293761	14952848	14990505	15079038	1.24	cps
Indium	115-2	2511831	2498180	2499313	2503108	0.30	cps
Iron	56-2	332172952	332928830	330226774	331776185	0.42	cps
Iron	57-2	8184024	8139814	8032522	8118787	0.96	cps
Krypton	83-1	1083	990	1043	1039	4.51	cps
Lead	206-1	5347063	5344228	5302419	5331237	0.47	cps
Lead	207-1	4736406	4753163	4755154	4748241	0.22	cps
Lead	208-1	8356622	8303538	8312485	8324215	0.34	cps
Lithium	6-1	3834534	3760996	3725517	3773682	1.47	cps
Magnesium	24-2	59094012	59360935	58976199	59143715	0.33	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:48:07	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1869649	1873108	1856567	1866441	0.47	cps
Molybdenum	94-1	12681409	12423321	12568473	12557734	1.03	cps
Molybdenum	95-1	15439976	15180233	15304280	15308163	0.85	cps
Molybdenum	96-1	17254764	16987347	17053718	17098610	0.81	cps
Molybdenum	97-1	9599679	9607281	9580270	9595744	0.15	cps
Molybdenum	98-1	24692350	24640326	24498754	24610476	0.41	cps
Neodymium	150-1	813	833	807	818	1.70	cps
Neodymium	150-2	117	73	80	90	25.93	cps
Nickel	60-2	677814	675791	673665	675757	0.31	cps
Phosphorus	31-2	52786	52142	52752	52560	0.69	cps
Potassium	39-2	26074629	26089862	26083440	26082644	0.03	cps
Rhodium	103-1	13052748	12732610	12878748	12888036	1.24	cps
Rhodium	103-2	5588496	5574037	5605355	5589296	0.28	cps
Scandium	45-1	8993498	8837734	8736097	8855776	1.46	cps
Scandium	45-2	342487	341979	340609	341692	0.28	cps
Selenium	77-2	5071	4644	4768	4828	4.55	cps
Selenium	78-2	16469	16055	16528	16351	1.58	cps
Selenium	82-1	134097	133208	134135	133813	0.39	cps
Silicon	28-1	4238509	4318620	4323656	4293595	1.11	cps
Silver	109-1	8076084	8120764	7980657	8059168	0.89	cps
Silver	107-1	8527263	8422315	8424360	8457979	0.71	cps
Sodium	23-2	114000153	116004590	114860057	114954933	0.87	cps
Strontium	86-1	1997401	1981794	1982624	1987273	0.44	cps
Strontium	88-1	17600661	17327604	17227625	17385297	1.11	cps
Sulfur	34-1	1066679	1064987	1057491	1063053	0.46	cps
Terbium	159-1	21959942	21713752	21598431	21757375	0.85	cps
Terbium	159-2	9372091	9414461	9340075	9375542	0.40	cps
Thallium	203-1	6594909	6579603	6549269	6574594	0.35	cps
Thallium	205-1	15800609	15914729	15844108	15853149	0.36	cps
Thorium	232-1	23734887	23771723	23493625	23666745	0.64	cps
Tin	118-1	5294339	5243670	5224383	5254131	0.69	cps
Titanium	47-1	4055019	4007769	3969787	4010858	1.06	cps
Uranium	238-1	22788809	22845230	22501681	22711907	0.81	cps
Vanadium	51-2	1290043	1282635	1272727	1281802	0.68	cps
Yttrium	89-1	18809993	18451002	18410858	18557284	1.18	cps
Yttrium	89-2	2191610	2188851	2182961	2187807	0.20	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P7
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:48:07	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	623795	624730	625310	624612	0.12	cps
Zirconium	90-1	10654709	10650863	10516994	10607522	0.74	cps
Zirconium	91-1	2385921	2369624	2345607	2367050	0.86	cps

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : CCB03 Instrumnet Name : P7
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 16:51:50 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	167	233	194	17.84	cps
Antimony	121-1	4951	5885	6368	5735	12.56	cps
Arsenic	75-1	-1208	-1464	-1575	-1416	-13.28	cps
Barium	135-1	275	325	233	278	16.52	cps
Barium	137-1	375	375	500	417	17.32	cps
Beryllium	9-1	239	167	178	194	20.00	cps
Bismuth	209-1	14492654	14619505	14341714	14484624	0.96	cps
Bismuth	209-2	7640792	7576338	7667990	7628373	0.62	cps
Boron	11-1	25097	23068	21399	23188	7.99	cps
Boron	10-1	5360	4859	4359	4859	10.29	cps
Cadmium	106-1	9070	8670	8228	8656	4.87	cps
Cadmium	108-1	33	38	29	33	12.50	cps
Cadmium	111-1	6492	6176	5876	6182	4.98	cps
Calcium	43-1	442	392	450	428	7.38	cps
Calcium	44-1	12673	12448	12656	12592	1.00	cps
Chromium	52-2	947	1020	970	979	3.83	cps
Cobalt	59-2	207	200	213	207	3.23	cps
Copper	63-2	1030	1070	1160	1087	6.13	cps
Dysprosium	156-1	75	50	58	61	20.83	cps
Dysprosium	156-2	40	17	20	26	49.38	cps
Erbium	164-2	97	67	70	78	21.14	cps
Erbium	164-1	100	133	133	122	15.75	cps
Gadolinium	160-1	167	167	175	169	2.84	cps
Gadolinium	160-2	393	293	277	321	19.65	cps
Holmium	165-1	22027287	22088482	22310349	22142039	0.67	cps
Holmium	165-2	10207988	10239514	10300577	10249360	0.46	cps
Indium	115-1	16642830	16738875	16662819	16681508	0.30	cps
Indium	115-2	2690030	2704776	2732299	2709035	0.79	cps
Iron	56-2	16220	16209	18084	16838	6.41	cps
Iron	57-2	533	439	517	496	10.16	cps
Krypton	83-1	990	767	913	890	12.75	cps
Lead	206-1	4495	4145	4479	4373	4.52	cps
Lead	207-1	4156	3773	3945	3958	4.85	cps
Lead	208-1	6239	6214	5958	6137	2.53	cps
Lithium	6-1	4063886	4088934	4051293	4068038	0.47	cps
Magnesium	24-2	2167	2000	1859	2009	7.69	cps

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : CCB03 Instrumnet Name : P7
 Client Sample ID : CCB03 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 16:51:50 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	157	150	230	179	24.82	cps
Molybdenum	94-1	2309	2309	2167	2261	3.62	cps
Molybdenum	95-1	2450	2559	2509	2506	2.16	cps
Molybdenum	96-1	2834	2750	3201	2928	8.18	cps
Molybdenum	97-1	1600	1508	1659	1589	4.76	cps
Molybdenum	98-1	4426	3959	4326	4237	5.80	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	20	7	10	12	56.76	cps
Nickel	60-2	427	423	510	453	10.83	cps
Phosphorus	31-2	58	92	58	69	27.71	cps
Potassium	39-2	19730	19639	20423	19931	2.15	cps
Rhodium	103-1	14849079	14981940	14936250	14922423	0.45	cps
Rhodium	103-2	6588161	6566190	6633641	6595997	0.52	cps
Scandium	45-1	9266085	9316256	9307891	9296744	0.29	cps
Scandium	45-2	359498	361129	362164	360930	0.37	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	48	39	52	46	14.42	cps
Selenium	82-1	-26	219	142	112	111.97	cps
Silicon	28-1	155778	153851	155232	154954	0.64	cps
Silver	109-1	500	375	542	472	18.37	cps
Silver	107-1	625	567	633	608	5.97	cps
Sodium	23-2	28486	27317	28203	28002	2.18	cps
Strontium	86-1	1575	1850	1700	1709	8.06	cps
Strontium	88-1	700	575	692	656	10.66	cps
Sulfur	34-1	422621	423794	424908	423774	0.27	cps
Terbium	159-1	22749566	22547801	22672197	22656521	0.45	cps
Terbium	159-2	9837358	9825115	9914864	9859112	0.49	cps
Thallium	203-1	2117	1867	1617	1867	13.39	cps
Thallium	205-1	4709	4051	3917	4226	10.03	cps
Thorium	232-1	6280	6457	6769	6502	3.81	cps
Tin	118-1	3301	3642	4059	3667	10.36	cps
Titanium	47-1	183	292	317	264	26.86	cps
Uranium	238-1	3334	3626	3567	3509	4.40	cps
Vanadium	51-2	13	60	47	40	60.10	cps
Yttrium	89-1	19218353	19596185	19435528	19416689	0.98	cps
Yttrium	89-2	2284048	2289612	2288386	2287349	0.13	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P7
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:51:50	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	817	810	903	843	6.17	cps
Zirconium	90-1	2225	1967	2675	2289	15.66	cps
Zirconium	91-1	442	392	600	478	22.76	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6036-01	Instrumnet Name :	P7
Client Sample ID :	391121720	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:55:27	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8194	7936	7302	7811	5.88	cps
Antimony	121-1	7244	7619	7527	7463	2.62	cps
Arsenic	75-1	27276	27103	28371	27583	2.49	cps
Barium	135-1	99136	99211	98959	99102	0.13	cps
Barium	137-1	172799	174440	171161	172800	0.95	cps
Beryllium	9-1	228	233	250	237	4.88	cps
Bismuth	209-1	16053191	16031864	15880619	15988558	0.59	cps
Bismuth	209-2	8057325	8039362	7996967	8031218	0.39	cps
Boron	11-1	321695	326679	326697	325024	0.89	cps
Boron	10-1	67024	68137	70180	68447	2.34	cps
Cadmium	106-1	8887	8745	9145	8925	2.27	cps
Cadmium	108-1	58	58	42	53	18.23	cps
Cadmium	111-1	6484	6372	6710	6522	2.64	cps
Calcium	43-1	140360	140419	139176	139985	0.50	cps
Calcium	44-1	2303612	2287273	2258648	2283178	1.00	cps
Chromium	52-2	2464	2484	2440	2462	0.88	cps
Cobalt	59-2	2567	2470	2434	2490	2.77	cps
Copper	63-2	6298	6522	6418	6413	1.74	cps
Dysprosium	156-1	992	1100	1025	1039	5.34	cps
Dysprosium	156-2	500	497	427	474	8.73	cps
Erbium	164-2	420	447	443	437	3.33	cps
Erbium	164-1	1000	1083	1092	1058	4.79	cps
Gadolinium	160-1	1100	908	1025	1011	9.55	cps
Gadolinium	160-2	760	810	793	788	3.23	cps
Holmium	165-1	24745196	24874103	24878139	24832479	0.30	cps
Holmium	165-2	10923604	10934727	10859892	10906074	0.37	cps
Indium	115-1	18574356	18367346	18335316	18425672	0.70	cps
Indium	115-2	2812582	2869348	2829601	2837177	1.03	cps
Iron	56-2	729258	742651	736044	735984	0.91	cps
Iron	57-2	19124	18901	19013	19013	0.59	cps
Krypton	83-1	1073	1027	1013	1038	3.04	cps
Lead	206-1	9576	9604	9359	9513	1.41	cps
Lead	207-1	8347	8520	8086	8318	2.63	cps
Lead	208-1	13265	13312	13095	13224	0.86	cps
Lithium	6-1	4527483	4527206	4489719	4514802	0.48	cps
Magnesium	24-2	386525	388063	380006	384865	1.11	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6036-01	Instrumnet Name :	P7
Client Sample ID :	391121720	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:55:27	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6015	6498	6421	6311	4.12	cps
Molybdenum	94-1	2217	2325	2367	2303	3.36	cps
Molybdenum	95-1	1984	2009	2150	2047	4.39	cps
Molybdenum	96-1	2600	2509	2584	2564	1.91	cps
Molybdenum	97-1	1375	1242	1192	1270	7.47	cps
Molybdenum	98-1	3075	3142	3225	3148	2.39	cps
Neodymium	150-1	1467	1413	1360	1413	3.77	cps
Neodymium	150-2	373	440	353	389	11.67	cps
Nickel	60-2	900	867	863	877	2.31	cps
Phosphorus	31-2	475	375	508	453	15.33	cps
Potassium	39-2	680229	685455	682084	682589	0.39	cps
Rhodium	103-1	16381151	16211465	16078815	16223811	0.93	cps
Rhodium	103-2	6916730	6973352	6871933	6920671	0.73	cps
Scandium	45-1	10406687	10263551	10177240	10282493	1.13	cps
Scandium	45-2	378312	376993	379709	378338	0.36	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	44	44	54	48	11.24	cps
Selenium	82-1	24	9	89	41	104.16	cps
Silicon	28-1	40485455	40401127	39852553	40246378	0.85	cps
Silver	109-1	1609	1825	2159	1864	14.87	cps
Silver	107-1	1717	2109	2292	2039	14.41	cps
Sodium	23-2	12031089	12060988	11882955	11991677	0.80	cps
Strontium	86-1	786120	797863	792148	792043	0.74	cps
Strontium	88-1	7093994	7129168	6983464	7068875	1.08	cps
Sulfur	34-1	1155536	1145418	1128318	1143091	1.20	cps
Terbium	159-1	25070180	25224760	24966461	25087134	0.52	cps
Terbium	159-2	10420545	10572223	10376110	10456293	0.98	cps
Thallium	203-1	4843	4293	3392	4176	17.54	cps
Thallium	205-1	10747	9037	7844	9209	15.84	cps
Thorium	232-1	7541	7086	7158	7262	3.37	cps
Tin	118-1	3501	3984	4226	3904	9.46	cps
Titanium	47-1	2034	1992	1692	1906	9.78	cps
Uranium	238-1	3609	3467	3501	3526	2.10	cps
Vanadium	51-2	810	760	810	793	3.64	cps
Yttrium	89-1	21726611	21729461	21382152	21612741	0.92	cps
Yttrium	89-2	2395674	2404805	2377812	2392764	0.57	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6036-01	Instrumnet Name :	P7
Client Sample ID :	391121720	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:55:27	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13076	12862	13276	13072	1.58	cps
Zirconium	90-1	3326	3059	3201	3195	4.18	cps
Zirconium	91-1	800	783	708	764	6.39	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6035-01	Instrumnet Name :	P7
Client Sample ID :	391121719	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:59:04	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4243	4109	3842	4065	5.01	cps
Antimony	121-1	4843	4976	5143	4987	3.02	cps
Arsenic	75-1	13648	13661	14035	13781	1.60	cps
Barium	135-1	36941	36181	35906	36343	1.48	cps
Barium	137-1	60474	63311	62449	62078	2.34	cps
Beryllium	9-1	117	133	161	137	16.39	cps
Bismuth	209-1	15285911	15093891	15023347	15134383	0.90	cps
Bismuth	209-2	7816833	7777267	7667594	7753898	1.00	cps
Boron	11-1	835577	860414	861525	852505	1.72	cps
Boron	10-1	176205	179537	180307	178683	1.22	cps
Cadmium	106-1	8953	9003	8978	8978	0.28	cps
Cadmium	108-1	33	25	38	32	19.92	cps
Cadmium	111-1	6440	6543	6488	6490	0.80	cps
Calcium	43-1	60818	61069	59797	60561	1.11	cps
Calcium	44-1	1003710	999295	976585	993197	1.47	cps
Chromium	52-2	1680	1500	1577	1586	5.70	cps
Cobalt	59-2	240	223	243	236	4.55	cps
Copper	63-2	13800	13713	13600	13704	0.73	cps
Dysprosium	156-1	475	433	550	486	12.16	cps
Dysprosium	156-2	220	193	143	186	20.98	cps
Erbium	164-2	190	203	233	209	10.63	cps
Erbium	164-1	458	283	342	361	24.68	cps
Gadolinium	160-1	325	467	600	464	29.65	cps
Gadolinium	160-2	537	407	527	490	14.76	cps
Holmium	165-1	24224704	24188188	23712910	24041934	1.19	cps
Holmium	165-2	10820370	10760819	10553096	10711428	1.31	cps
Indium	115-1	17666129	17637073	17544020	17615741	0.36	cps
Indium	115-2	2749110	2757079	2725882	2744024	0.59	cps
Iron	56-2	209981	210138	205390	208503	1.29	cps
Iron	57-2	5546	5246	5346	5379	2.84	cps
Krypton	83-1	940	1070	1083	1031	7.68	cps
Lead	206-1	6574	6174	6802	6517	4.88	cps
Lead	207-1	5518	5796	5740	5685	2.59	cps
Lead	208-1	8308	9575	8833	8905	7.15	cps
Lithium	6-1	4286638	4294729	4230633	4270667	0.82	cps
Magnesium	24-2	128564	127833	126043	127480	1.02	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6035-01	Instrumnet Name :	P7
Client Sample ID :	391121719	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:59:04	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9533	8910	9010	9151	3.66	cps
Molybdenum	94-1	5743	5860	5810	5804	1.01	cps
Molybdenum	95-1	7544	7878	7786	7736	2.23	cps
Molybdenum	96-1	8136	9162	8161	8486	6.89	cps
Molybdenum	97-1	4768	4384	4534	4562	4.24	cps
Molybdenum	98-1	12498	11789	12339	12208	3.05	cps
Neodymium	150-1	460	533	507	500	7.42	cps
Neodymium	150-2	193	173	180	182	5.59	cps
Nickel	60-2	757	890	793	813	8.47	cps
Phosphorus	31-2	600	567	550	572	4.45	cps
Potassium	39-2	831786	832096	821007	828296	0.76	cps
Rhodium	103-1	15512176	15384570	15335852	15410866	0.59	cps
Rhodium	103-2	6711238	6712234	6677019	6700164	0.30	cps
Scandium	45-1	9866116	9835996	9734290	9812134	0.70	cps
Scandium	45-2	375346	371678	365855	370960	1.29	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	50	26	54	43	34.90	cps
Selenium	82-1	33	-18	-103	-29	-232.96	cps
Silicon	28-1	32967334	32853750	31952873	32591319	1.71	cps
Silver	109-1	1250	1592	1667	1503	14.78	cps
Silver	107-1	1233	1692	1892	1606	21.02	cps
Sodium	23-2	49749564	49506119	48758910	49338198	1.05	cps
Strontium	86-1	279541	279149	275550	278080	0.79	cps
Strontium	88-1	2402896	2430917	2362409	2398741	1.44	cps
Sulfur	34-1	512053	510648	511693	511465	0.14	cps
Terbium	159-1	24501657	24195158	24117947	24271587	0.84	cps
Terbium	159-2	10386167	10312882	10308453	10335834	0.42	cps
Thallium	203-1	1442	1609	1542	1531	5.48	cps
Thallium	205-1	2934	3259	3242	3145	5.82	cps
Thorium	232-1	4779	4695	4723	4732	0.90	cps
Tin	118-1	3284	3842	3834	3653	8.76	cps
Titanium	47-1	1183	1008	1150	1114	8.34	cps
Uranium	238-1	3201	2867	3467	3178	9.46	cps
Vanadium	51-2	473	543	443	487	10.54	cps
Yttrium	89-1	20700496	20820556	20363996	20628350	1.15	cps
Yttrium	89-2	2354403	2333969	2318515	2335629	0.77	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6035-01	Instrumnet Name :	P7
Client Sample ID :	391121719	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 16:59:04	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	14451	14588	14057	14365	1.92	cps
Zirconium	90-1	3992	4751	5351	4698	14.49	cps
Zirconium	91-1	942	1008	1075	1008	6.61	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6041-01	Instrumnet Name :	P7
Client Sample ID :	391120776	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:03:13	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	892	842	783	839	6.46	cps
Antimony	121-1	5285	5451	5501	5412	2.10	cps
Arsenic	75-1	10632	11475	11004	11037	3.83	cps
Barium	135-1	272482	265920	266869	268424	1.32	cps
Barium	137-1	465885	468774	466164	466941	0.34	cps
Beryllium	9-1	183	128	83	131	38.10	cps
Bismuth	209-1	15603296	15504439	15635475	15581070	0.44	cps
Bismuth	209-2	7888225	7854441	7921752	7888140	0.43	cps
Boron	11-1	81721	83229	83296	82749	1.08	cps
Boron	10-1	17477	18003	17694	17725	1.49	cps
Cadmium	106-1	8962	8795	8703	8820	1.49	cps
Cadmium	108-1	25	38	38	33	21.65	cps
Cadmium	111-1	6414	6322	6233	6323	1.43	cps
Calcium	43-1	752725	761020	761776	758507	0.66	cps
Calcium	44-1	12383184	12263203	12358816	12335068	0.51	cps
Chromium	52-2	1793	1690	1860	1781	4.81	cps
Cobalt	59-2	10994	10884	11275	11051	1.82	cps
Copper	63-2	25529	25716	26638	25961	2.29	cps
Dysprosium	156-1	100	133	117	117	14.28	cps
Dysprosium	156-2	70	97	53	73	29.81	cps
Erbium	164-2	127	107	90	108	17.03	cps
Erbium	164-1	225	192	167	194	15.05	cps
Gadolinium	160-1	233	200	233	222	8.66	cps
Gadolinium	160-2	327	407	403	379	11.94	cps
Holmium	165-1	24405503	24304960	24382432	24364298	0.22	cps
Holmium	165-2	10778671	10815080	10894736	10829496	0.55	cps
Indium	115-1	17911797	18131817	17951206	17998273	0.65	cps
Indium	115-2	2796201	2811460	2799457	2802373	0.29	cps
Iron	56-2	668204	667155	668759	668039	0.12	cps
Iron	57-2	20504	20643	20787	20645	0.69	cps
Krypton	83-1	1140	950	963	1018	10.42	cps
Lead	206-1	6791	6024	6757	6524	6.65	cps
Lead	207-1	6007	5451	5874	5777	5.02	cps
Lead	208-1	8594	9912	9145	9217	7.18	cps
Lithium	6-1	4240060	4274526	4265154	4259913	0.42	cps
Magnesium	24-2	909734	916767	917855	914786	0.48	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6041-01	Instrumnet Name :	P7
Client Sample ID :	391120776	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:03:13	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	455296	454767	454153	454739	0.13	cps
Molybdenum	94-1	783	850	900	845	6.93	cps
Molybdenum	95-1	317	250	367	311	18.81	cps
Molybdenum	96-1	483	433	517	478	8.78	cps
Molybdenum	97-1	267	242	208	239	12.25	cps
Molybdenum	98-1	600	608	575	594	2.92	cps
Neodymium	150-1	133	87	147	122	25.78	cps
Neodymium	150-2	47	40	33	40	16.68	cps
Nickel	60-2	2424	2604	2370	2466	4.96	cps
Phosphorus	31-2	875	825	908	870	4.82	cps
Potassium	39-2	1189855	1198899	1208333	1199029	0.77	cps
Rhodium	103-1	15959237	15838533	15797035	15864935	0.53	cps
Rhodium	103-2	6755716	6818736	6811419	6795290	0.51	cps
Scandium	45-1	9934683	9887770	9873728	9898727	0.32	cps
Scandium	45-2	367154	372819	372440	370805	0.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	39	41	43	11.50	cps
Selenium	82-1	-77	149	118	63	193.56	cps
Silicon	28-1	31103969	30971155	30930695	31001940	0.29	cps
Silver	109-1	1025	1350	1283	1220	14.08	cps
Silver	107-1	1158	1317	1433	1303	10.59	cps
Sodium	23-2	16429180	16444859	16529907	16467982	0.33	cps
Strontium	86-1	4144201	4160290	4136397	4146963	0.29	cps
Strontium	88-1	36751638	37062477	36843067	36885728	0.43	cps
Sulfur	34-1	984339	989609	981215	985055	0.43	cps
Terbium	159-1	24804629	24711785	24703525	24739980	0.23	cps
Terbium	159-2	10341793	10334416	10383906	10353372	0.26	cps
Thallium	203-1	3801	3517	3776	3698	4.24	cps
Thallium	205-1	8261	7628	7794	7894	4.16	cps
Thorium	232-1	2717	2611	2800	2710	3.49	cps
Tin	118-1	4709	4784	4759	4751	0.80	cps
Titanium	47-1	1492	1533	1267	1431	10.03	cps
Uranium	238-1	2967	2750	2917	2878	3.94	cps
Vanadium	51-2	360	350	323	344	5.50	cps
Yttrium	89-1	20870558	20886758	20937549	20898288	0.17	cps
Yttrium	89-2	2355526	2377502	2372981	2368670	0.49	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	K6041-01	Instrumnet Name :	P7
Client Sample ID :	391120776	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:03:13	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10944	11194	11101	11080	1.14	cps
Zirconium	90-1	1867	1834	2050	1917	6.09	cps
Zirconium	91-1	350	400	308	353	13.01	cps

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : CCV04 Instrumnet Name : P7
 Client Sample ID : CCV04 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 17:09:20 DataFile Name : 035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5102572	4997373	5078123	5059356	1.09	cps
Antimony	121-1	6042034	5951273	5981605	5991637	0.77	cps
Arsenic	75-1	1301957	1285978	1288455	1292130	0.67	cps
Barium	135-1	7613030	7504939	7544324	7554098	0.72	cps
Barium	137-1	13131029	13088219	13037565	13085604	0.36	cps
Beryllium	9-1	1064392	1071361	1071280	1069011	0.37	cps
Bismuth	209-1	11735315	12486094	12426624	12216011	3.42	cps
Bismuth	209-2	6187028	6463387	6269322	6306579	2.25	cps
Boron	11-1	814001	824741	831583	823442	1.08	cps
Boron	10-1	175362	176484	181037	177627	1.69	cps
Cadmium	106-1	212227	211930	213230	212462	0.32	cps
Cadmium	108-1	140407	139100	138742	139416	0.63	cps
Cadmium	111-1	1832114	1837175	1821818	1830369	0.43	cps
Calcium	43-1	8636694	8580970	8573594	8597086	0.40	cps
Calcium	44-1	139248195	137966736	137375699	138196877	0.69	cps
Chromium	52-2	1583895	1550921	1573524	1569447	1.07	cps
Cobalt	59-2	2529728	2493685	2501245	2508220	0.76	cps
Copper	63-2	3955347	3903893	3929652	3929631	0.65	cps
Dysprosium	156-1	300	292	358	317	11.47	cps
Dysprosium	156-2	190	167	173	177	6.80	cps
Erbium	164-2	120	117	77	104	23.09	cps
Erbium	164-1	150	100	108	119	22.43	cps
Gadolinium	160-1	175	200	158	178	11.80	cps
Gadolinium	160-2	310	317	357	328	7.70	cps
Holmium	165-1	20027304	21076728	21110800	20738278	2.97	cps
Holmium	165-2	9420059	9651900	9555327	9542429	1.22	cps
Indium	115-1	14078389	14810928	14794279	14561198	2.87	cps
Indium	115-2	2415042	2466767	2386829	2422879	1.67	cps
Iron	56-2	321866207	320422129	319212296	320500211	0.41	cps
Iron	57-2	7860773	7751586	7822607	7811656	0.71	cps
Krypton	83-1	947	923	957	942	1.82	cps
Lead	206-1	5249199	5234460	5220649	5234769	0.27	cps
Lead	207-1	4669445	4656563	4583320	4636442	1.00	cps
Lead	208-1	8119657	8094363	8072271	8095430	0.29	cps
Lithium	6-1	3464113	3644634	3696877	3601874	3.39	cps
Magnesium	24-2	57630208	56740726	56978403	57116446	0.81	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:09:20	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1800273	1798888	1792058	1797073	0.24	cps
Molybdenum	94-1	12087828	12122669	12073440	12094646	0.21	cps
Molybdenum	95-1	14837541	14697134	14666792	14733822	0.62	cps
Molybdenum	96-1	16551674	16339948	16427320	16439647	0.65	cps
Molybdenum	97-1	9233040	9205797	9233795	9224211	0.17	cps
Molybdenum	98-1	23871568	23801960	23692354	23788627	0.38	cps
Neodymium	150-1	733	940	553	742	26.07	cps
Neodymium	150-2	60	57	83	67	21.79	cps
Nickel	60-2	658524	652217	649392	653377	0.72	cps
Phosphorus	31-2	51339	51532	50579	51150	0.99	cps
Potassium	39-2	25611355	24908957	25395813	25305375	1.42	cps
Rhodium	103-1	11942320	12527314	12603941	12357858	2.93	cps
Rhodium	103-2	5389088	5505960	5405971	5433673	1.16	cps
Scandium	45-1	8212384	8501415	8537874	8417224	2.12	cps
Scandium	45-2	328952	338273	330865	332697	1.48	cps
Selenium	77-2	4701	4464	4791	4652	3.63	cps
Selenium	78-2	16263	15549	15775	15862	2.30	cps
Selenium	82-1	129152	128968	128487	128869	0.27	cps
Silicon	28-1	4080970	4148196	4194622	4141263	1.38	cps
Silver	109-1	7889175	7799628	7872245	7853682	0.61	cps
Silver	107-1	8200529	8097560	8145528	8147872	0.63	cps
Sodium	23-2	111322861	110260761	110569969	110717864	0.49	cps
Strontium	86-1	1917482	1902666	1900317	1906822	0.49	cps
Strontium	88-1	16842465	16840883	16806813	16830054	0.12	cps
Sulfur	34-1	1047226	1032920	1022114	1034087	1.22	cps
Terbium	159-1	20339558	21106256	21193425	20879746	2.25	cps
Terbium	159-2	9092284	9236283	9177537	9168701	0.79	cps
Thallium	203-1	6476832	6459564	6497925	6478107	0.30	cps
Thallium	205-1	15487727	15465825	15578519	15510691	0.39	cps
Thorium	232-1	22929438	23239579	23140389	23103135	0.69	cps
Tin	118-1	5133587	5102526	5088721	5108278	0.45	cps
Titanium	47-1	3856779	3867624	3853047	3859150	0.20	cps
Uranium	238-1	22150181	22311812	22214419	22225471	0.37	cps
Vanadium	51-2	1256495	1230496	1248749	1245247	1.07	cps
Yttrium	89-1	17162153	18042278	18014463	17739632	2.82	cps
Yttrium	89-2	2120008	2166849	2115226	2134028	1.34	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P7
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:09:20	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	611198	599765	599327	603430	1.12	cps
Zirconium	90-1	10124442	10296771	10057354	10159522	1.22	cps
Zirconium	91-1	2283900	2288632	2232640	2268391	1.37	cps

LB Number : LB106840 Operator : Jaswal
 Lab Sample ID : CCB04 Instrumnet Name : P7
 Client Sample ID : CCB04 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-18 17:13:50 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	175	125	136	25.49	cps
Antimony	121-1	4101	3892	4543	4179	7.95	cps
Arsenic	75-1	-1401	-1342	-1473	-1405	-4.69	cps
Barium	135-1	375	250	250	292	24.74	cps
Barium	137-1	467	442	417	442	5.66	cps
Beryllium	9-1	144	194	189	176	15.58	cps
Bismuth	209-1	14199136	14066803	14011312	14092417	0.68	cps
Bismuth	209-2	7337259	7310537	7402639	7350145	0.64	cps
Boron	11-1	21967	19830	18662	20153	8.32	cps
Boron	10-1	4534	4067	4117	4240	6.05	cps
Cadmium	106-1	7953	7669	8103	7908	2.78	cps
Cadmium	108-1	42	29	25	32	27.15	cps
Cadmium	111-1	5700	5515	5788	5667	2.46	cps
Calcium	43-1	367	617	575	519	25.79	cps
Calcium	44-1	12189	11697	12298	12061	2.65	cps
Chromium	52-2	1077	980	1050	1036	4.82	cps
Cobalt	59-2	180	177	167	174	3.98	cps
Copper	63-2	1217	1047	990	1085	10.88	cps
Dysprosium	156-1	42	33	42	39	12.38	cps
Dysprosium	156-2	23	23	50	32	47.79	cps
Erbium	164-2	93	70	83	82	14.24	cps
Erbium	164-1	75	117	175	122	41.10	cps
Gadolinium	160-1	125	150	75	117	32.74	cps
Gadolinium	160-2	273	287	310	290	6.40	cps
Holmium	165-1	21646806	21729891	21414890	21597196	0.76	cps
Holmium	165-2	9910972	9838674	9867961	9872536	0.37	cps
Indium	115-1	16149941	16003419	15942147	16031836	0.67	cps
Indium	115-2	2594512	2580349	2599018	2591293	0.38	cps
Iron	56-2	15737	15597	14897	15410	2.92	cps
Iron	57-2	394	400	433	409	5.14	cps
Krypton	83-1	973	993	1037	1001	3.23	cps
Lead	206-1	4073	3973	3695	3914	5.00	cps
Lead	207-1	3578	3378	3439	3465	2.96	cps
Lead	208-1	5505	5205	5521	5410	3.30	cps
Lithium	6-1	3996183	3936354	3945464	3959334	0.81	cps
Magnesium	24-2	1775	1784	1925	1828	4.61	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:13:50	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	153	143	173	157	9.75	cps
Molybdenum	94-1	1625	1825	1458	1636	11.22	cps
Molybdenum	95-1	2034	1892	1775	1900	6.81	cps
Molybdenum	96-1	2009	2084	1967	2020	2.93	cps
Molybdenum	97-1	1283	1167	1225	1225	4.76	cps
Molybdenum	98-1	3125	2684	2909	2906	7.60	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	310	370	353	344	8.99	cps
Phosphorus	31-2	42	25	58	42	40.00	cps
Potassium	39-2	19522	19313	19255	19363	0.73	cps
Rhodium	103-1	14528906	14361072	14158856	14349611	1.29	cps
Rhodium	103-2	6341858	6298775	6314821	6318485	0.34	cps
Scandium	45-1	8998284	8792968	8821168	8870807	1.25	cps
Scandium	45-2	343103	340802	343996	342634	0.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	74	41	50	55	31.32	cps
Selenium	82-1	40	17	-10	16	157.99	cps
Silicon	28-1	144953	143793	141170	143305	1.35	cps
Silver	109-1	567	508	508	528	6.38	cps
Silver	107-1	650	625	608	628	3.34	cps
Sodium	23-2	30006	29555	29446	29669	1.00	cps
Strontium	86-1	1709	1634	1642	1661	2.47	cps
Strontium	88-1	675	858	858	797	13.28	cps
Sulfur	34-1	411320	406457	408981	408919	0.59	cps
Terbium	159-1	22040474	21737957	21757495	21845309	0.77	cps
Terbium	159-2	9421298	9446225	9530238	9465920	0.60	cps
Thallium	203-1	1559	1417	1567	1514	5.57	cps
Thallium	205-1	3467	3351	3326	3381	2.24	cps
Thorium	232-1	6991	6580	6852	6808	3.07	cps
Tin	118-1	2409	2834	2984	2742	10.88	cps
Titanium	47-1	283	258	275	272	4.68	cps
Uranium	238-1	3351	3551	3476	3459	2.92	cps
Vanadium	51-2	63	40	17	40	58.33	cps
Yttrium	89-1	18703131	18473481	18550507	18575706	0.63	cps
Yttrium	89-2	2170262	2160917	2202664	2177948	1.01	cps

LB Number :	LB106840	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P7
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired ::	2019-12-18 17:13:50	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	753	800	823	792	4.50	cps
Zirconium	90-1	1859	2242	2175	2092	9.79	cps
Zirconium	91-1	342	542	567	483	25.52	cps