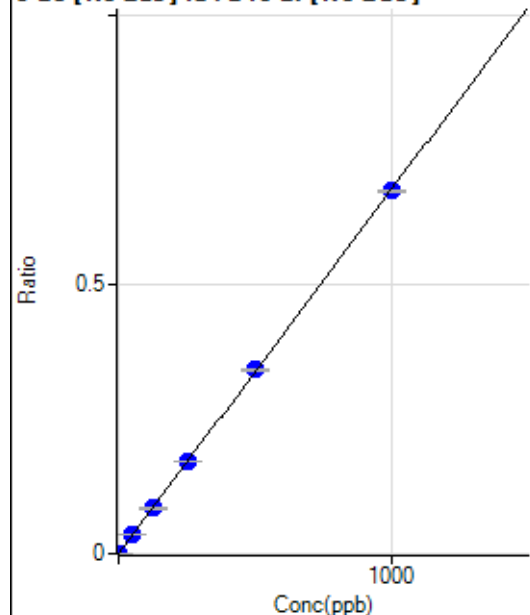


Batch Folder: D:\ICP-MS Data\P7083019\ICPMS.b\
Analysis File: P7083019\ICPMS.batch.bin
DA Date-Time: 2019-08-30 21:44:36
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-08-30 18:45:11
2	004CALS.d	S02	2019-08-30 18:48:47
3	005CALS.d	S03	2019-08-30 18:53:38
4	006CALS.d	S04	2019-08-30 18:57:42
5	007CALS.d	S05	2019-08-30 19:01:33
6	008CALS.d	S06	2019-08-30 19:05:20
7	009CALS.d	S07	2019-08-30 19:09:06
8	010CALS.d	S08	2019-08-30 19:12:54

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.33	0.0000	P	27.5
2	☐	1.000	1.084	2210.19	0.0008	P	6.4
3	☐	50.000	52.375	102578.04	0.0355	P	0.4
4	☐	125.000	124.276	245612.29	0.0842	P	1.8
5	☐	250.000	253.428	471992.32	0.1716	P	0.4
6	☐	500.000	506.184	909556.70	0.3428	P	1.1
7	☐	1000.000	996.023	1739611.07	0.6745	P	0.5
8	☐			397.79	0.0002	P	17.7

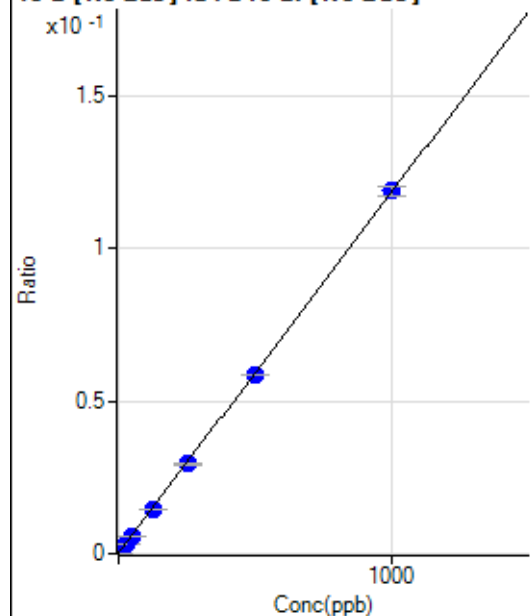
$$y = 6.7718\text{E-}004 * x + 2.8986\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.03534$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	497.25	0.0002	P	16.3
2	☐	25.000	23.814	8663.94	0.0030	P	2.7
3	☐	50.000	48.818	17193.77	0.0059	P	0.8
4	☐	125.000	120.777	42190.76	0.0145	P	3.6
5	☐	250.000	247.424	80984.30	0.0295	P	1.4
6	☐	500.000	493.689	155464.01	0.0586	P	0.1
7	☐	1000.000	1004.416	306947.58	0.1190	P	2.4
8	☐			13478.82	0.0057	P	6.9

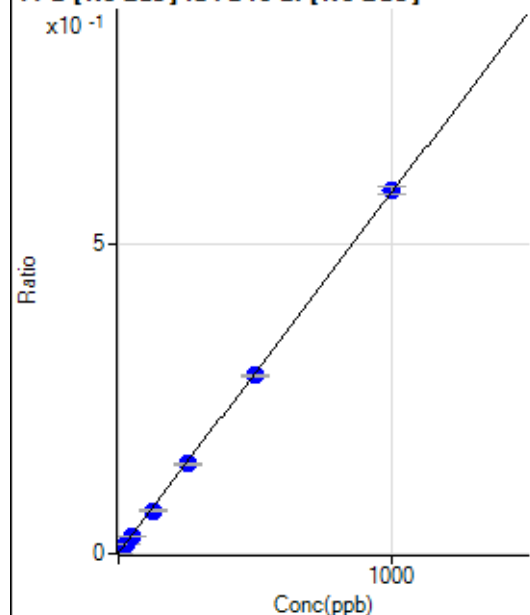
$$y = 1.1833\text{E-}004 * x + 1.7316\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.7159$$

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	2205.81	0.0008	P	10.9
2	☐	25.000	23.497	41836.94	0.0144	P	1.1
3	☐	50.000	48.912	84489.63	0.0292	P	1.5
4	☐	125.000	117.898	202399.98	0.0694	P	3.4
5	☐	250.000	246.738	397021.98	0.1444	P	2.0
6	☐	500.000	493.488	764187.88	0.2880	P	0.6
7	☐	1000.000	1005.051	1510611.32	0.5858	P	2.0
8	☐			65962.06	0.0277	P	5.2

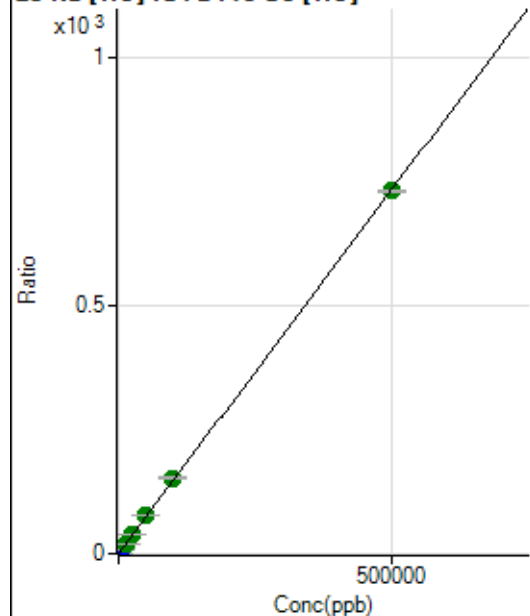
$$y = 5.8205\text{E-}004 * x + 7.6815\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.4301$$

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	13695.67	0.0366	P	2.2
2	☐	500.000	508.053	296473.17	0.7821	P	1.3
3	☐	5000.000	5315.139	3001841.99	7.8363	P	0.4
4	☐	12500.000	13347.049	7478805.81	19.6228	A	2.7
5	☐	25000.000	26608.566	14611229.49	39.0834	A	1.5
6	☐	50000.000	52633.605	28867052.73	77.2740	A	0.7
7	☐	100000.00	103939.46	58774303.40	152.5630	A	1.0
8	☐	500000.00	498843.98	297867026.1	732.0675	A	0.5

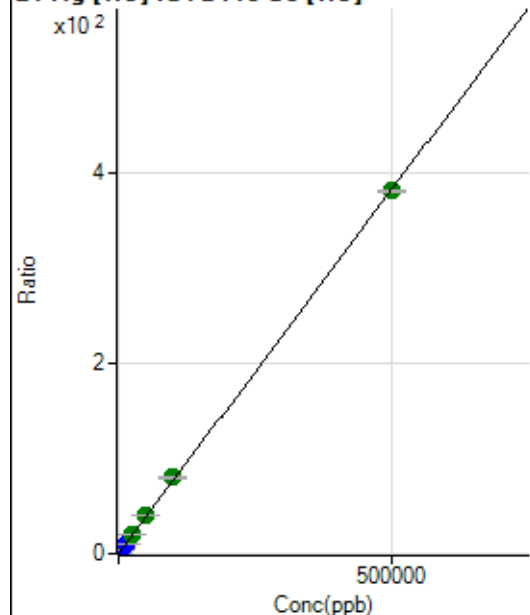
$$y = 0.0015 * x + 0.0366$$

$$R = 1.0000$$

$$DL = 1.656$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	366.69	0.0010	P	23.3
2	☐	500.000	529.477	154180.70	0.4067	P	1.7
3	☐	5000.000	5440.804	1597571.59	4.1704	P	0.0
4	☐	12500.000	13667.827	3992171.53	10.4751	P	2.9
5	☐	25000.000	27005.177	7737257.12	20.6959	A	1.3
6	☐	50000.000	53425.075	15294659.89	40.9423	A	0.8
7	☐	100000.00	104682.47	30904969.79	80.2224	A	1.3
8	☐	500000.00	498587.10	155465827.0	382.0837	A	0.3

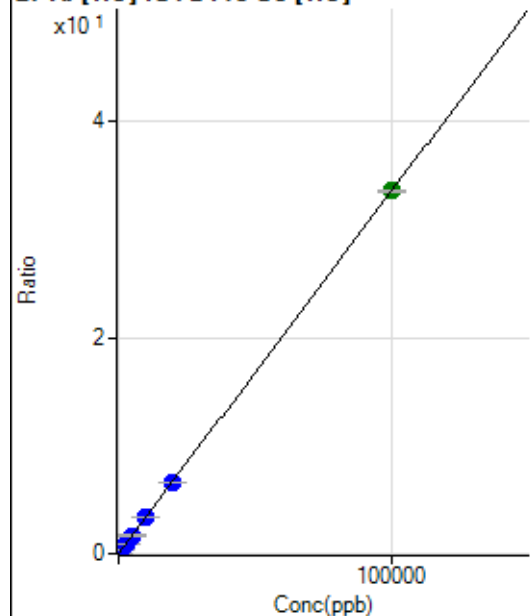
$$y = 7.6633\text{E-}004 * x + 9.7810\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.894$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0001	P	36.1
2	☐	20.000	18.854	2436.41	0.0064	P	4.4
3	☐	1000.000	1025.356	131901.82	0.3443	P	1.1
4	☐	2500.000	2563.446	328044.96	0.8607	P	2.6
5	☐	5000.000	5033.628	631848.26	1.6900	P	0.8
6	☐	10000.000	9995.290	1253639.14	3.3558	P	0.2
7	☐	20000.000	19757.154	2555387.62	6.6331	P	1.0
8	☐	100000.00	100045.51	13666976.17	33.5878	A	0.5

$$y = 3.3572\text{E-}004 * x + 9.6609\text{E-}005$$

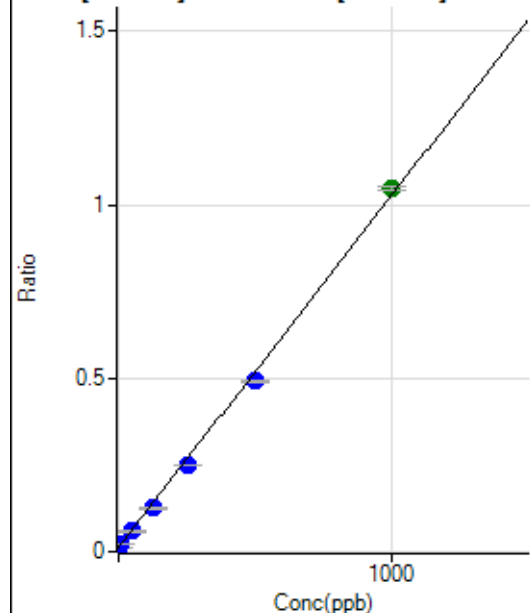
$$R = 1.0000$$

$$DL = 0.3119$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	89380.58	0.0123	P	0.6
2	☐	10.000	8.213	154162.20	0.0206	P	0.5
3	☐	50.000	45.438	440244.37	0.0584	P	0.8
4	☐	125.000	111.451	978713.88	0.1254	P	1.8
5	☐	250.000	235.243	1849491.47	0.2510	P	0.7
6	☐	500.000	473.374	3580061.93	0.4926	P	0.8
7	☐	1000.000	1018.942	7668712.93	1.0461	A	0.9
8	☐			294559.01	0.0395	P	0.7

$$y = 0.0010 * x + 0.0123$$

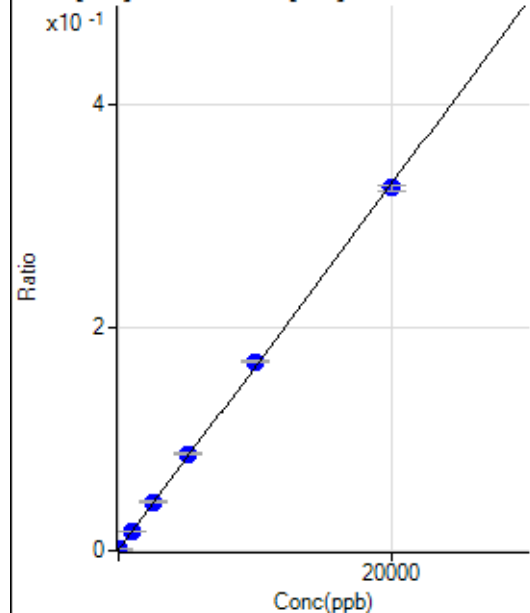
$$R = 0.9994$$

$$DL = 0.2233$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-34.692	66.67	0.0002	P	38.3
2	☐	0.000	34.692	500.03	0.0013	P	10.5
3	☐	1000.000	1035.024	6807.36	0.0178	P	1.1
4	☐	2500.000	2601.604	16587.63	0.0435	P	3.9
5	☐	5000.000	5245.370	32530.84	0.0870	P	1.6
6	☐	10000.000	10297.608	63547.33	0.1701	P	1.2
7	☐	20000.000	19775.402	125581.83	0.3260	P	1.4
8	☐			191.67	0.0005	P	23.0

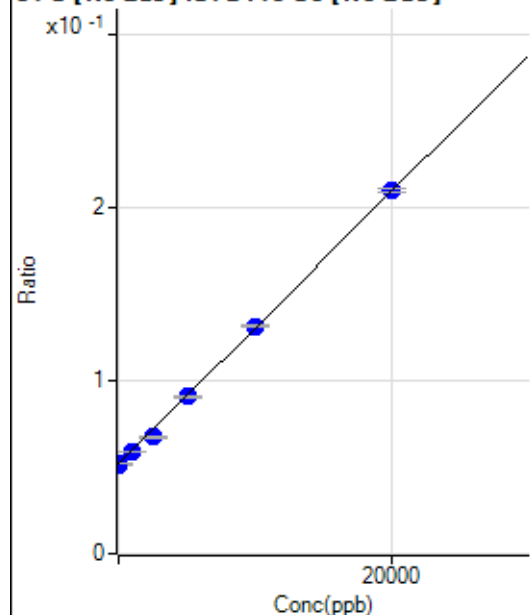
$$y = 1.6445E-005 * x + 7.4889E-004$$

$$R = 0.9997$$

$$DL = 18.92$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-88.138	372356.93	0.0512	P	1.7
2	☐	0.000	88.138	393273.46	0.0526	P	0.6
3	☐	1000.000	876.829	443653.99	0.0589	P	0.9
4	☐	2500.000	1996.022	528329.26	0.0677	P	1.9
5	☐	5000.000	4945.392	670127.18	0.0909	P	1.5
6	☐	10000.000	10110.284	957039.95	0.1317	P	0.9
7	☐	20000.000	20027.666	1538652.41	0.2099	P	1.1
8	☐			397775.61	0.0533	P	0.9

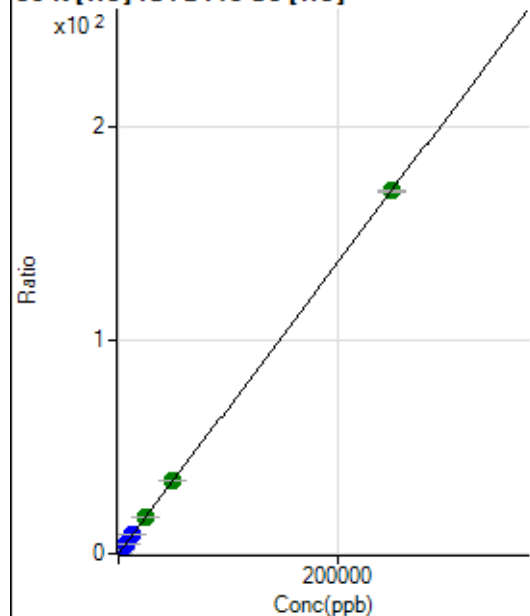
$$y = 7.8874\text{E-}006 * x + 0.0519$$

$$R = 0.9996$$

$$DL = 225.8$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15803.44	0.0422	P	3.4
2	☐	500.000	492.122	142834.21	0.3768	P	1.6
3	☐	2500.000	2530.658	675316.15	1.7629	P	0.6
4	☐	6250.000	6352.554	1662293.55	4.3615	P	2.7
5	☐	12500.000	12635.863	3227928.50	8.6338	P	0.8
6	☐	25000.000	25219.289	6421660.69	17.1898	A	0.3
7	☐	50000.000	50023.016	13119780.50	34.0548	A	0.5
8	☐	250000.00	249963.82	69171542.52	170.0021	A	0.2

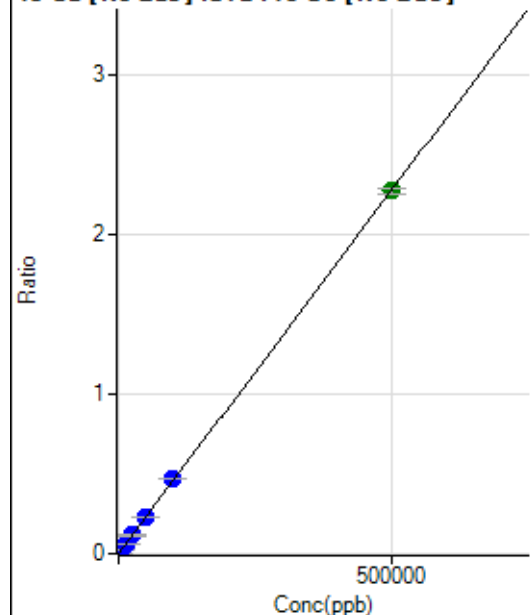
$$y = 6.7994\text{E-}004 * x + 0.0422$$

$$R = 1.0000$$

$$DL = 6.278$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	33.7
2	☐	500.000	522.341	17883.74	0.0024	P	0.6
3	☐	5000.000	5211.527	178899.10	0.0237	P	0.9
4	☐	12500.000	12315.579	437620.52	0.0561	P	1.7
5	☐	25000.000	25244.642	846646.85	0.1149	P	1.2
6	☐	50000.000	50791.100	1679995.42	0.2312	P	0.7
7	☐	100000.00	102757.16	3428020.00	0.4676	P	0.6
8	☐	500000.00	499359.69	16948867.05	2.2725	A	1.3

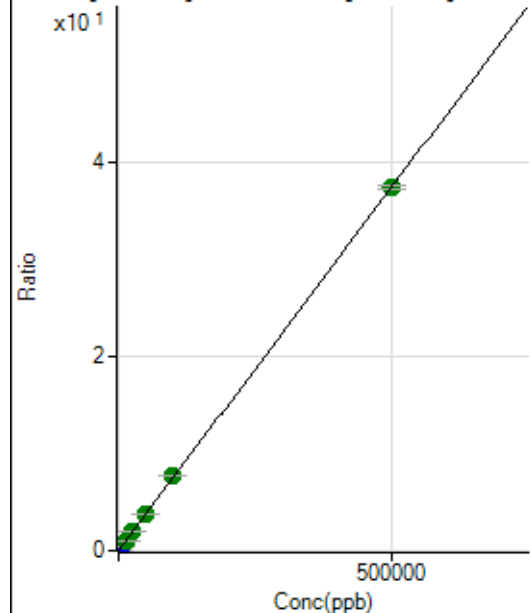
$$y = 4.5507\text{E-}006 * x + 1.6413\text{E-}005$$

$$R = 1.0000$$

$$DL = 3.648$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20715.50	0.0028	P	4.4
2	☐	500.000	498.166	299609.82	0.0401	P	1.1
3	☐	5000.000	5213.896	2960356.27	0.3927	P	0.2
4	☐	12500.000	12312.662	7209310.32	0.9235	A	1.1
5	☐	25000.000	25395.004	14013266.29	1.9017	A	0.9
6	☐	50000.000	51078.787	27779227.70	3.8221	A	0.5
7	☐	100000.00	103079.96	56521905.43	7.7103	A	0.3
8	☐	500000.00	499258.92	278450236.7	37.3332	A	0.9

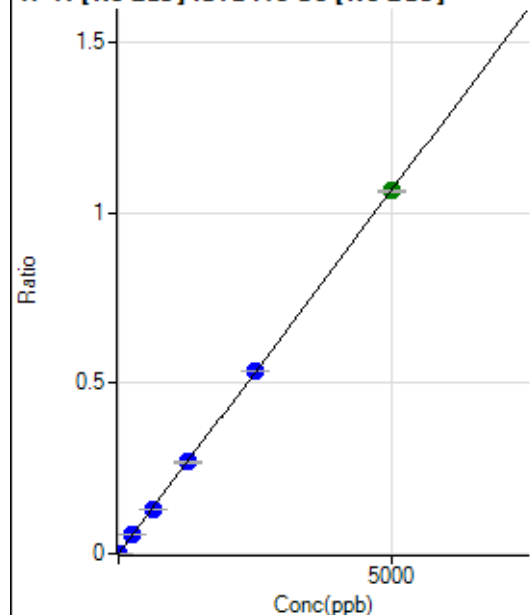
$$y = 7.4772\text{E-}005 * x + 0.0028$$

$$R = 1.0000$$

$$DL = 4.988$$

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	116.67	0.0000	P	18.5
2	☐	5.000	5.190	8377.71	0.0011	P	1.3
3	☐	250.000	252.768	405889.42	0.0538	P	0.9
4	☐	625.000	603.979	1004227.94	0.1286	P	1.0
5	☐	1250.000	1257.436	1973316.64	0.2678	P	1.1
6	☐	2500.000	2513.446	3890395.71	0.5353	P	0.4
7	☐	5000.000	4993.907	7796161.54	1.0635	A	0.3
8	☐			2028.01	0.0003	P	10.2

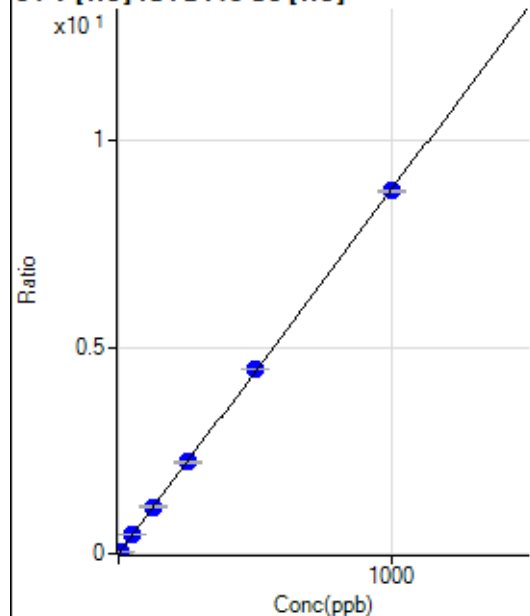
$$y = 2.1296E-004 * x + 1.6048E-005$$

$$R = 1.0000$$

$$DL = 0.04191$$

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	8.89	0.0000	P	94.8
2	☐	5.000	5.036	16847.63	0.0444	P	4.8
3	☐	50.000	50.909	171995.94	0.4490	P	0.8
4	☐	125.000	127.582	428825.15	1.1252	P	2.9
5	☐	250.000	252.454	832368.04	2.2264	P	1.3
6	☐	500.000	505.014	1663830.32	4.4538	P	0.2
7	☐	1000.000	996.511	3385716.58	8.7884	P	0.8
8	☐			738.92	0.0018	P	7.4

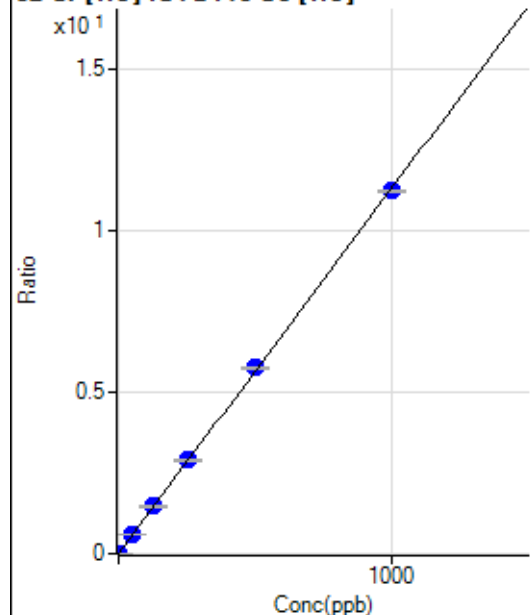
$$y = 0.0088 * x + 2.3845E-005$$

$$R = 1.0000$$

$$DL = 0.007688$$

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	732.25	0.0020	P	4.4
2	☐	2.000	1.948	9098.49	0.0240	P	6.4
3	☐	50.000	51.990	226071.81	0.5902	P	0.6
4	☐	125.000	129.909	560859.90	1.4717	P	3.2
5	☐	250.000	255.662	1082125.50	2.8945	P	1.1
6	☐	500.000	508.538	2150105.23	5.7555	P	0.2
7	☐	1000.000	993.602	4331507.81	11.2434	P	0.8
8	☐			118769.10	0.2919	P	0.8

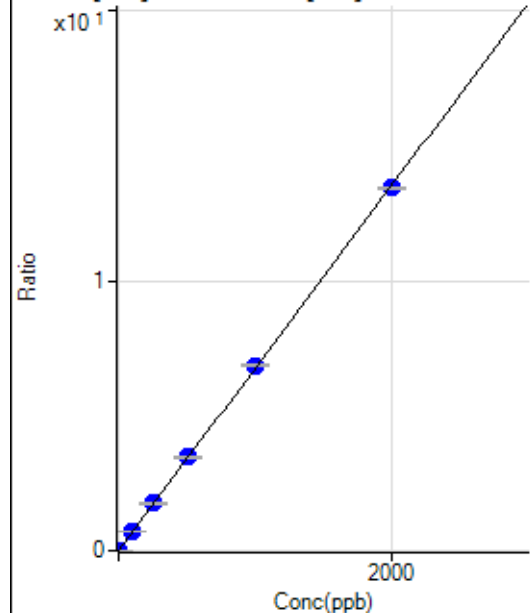
$$y = 0.0113 * x + 0.0020$$

$$R = 0.9999$$

$$DL = 0.02285$$

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	50.00	0.0001	P	12.7
2	☐	1.000	0.989	2588.05	0.0068	P	5.6
3	☐	100.000	103.382	267925.63	0.6994	P	0.6
4	☐	250.000	258.542	666499.53	1.7489	P	3.2
5	☐	500.000	511.777	1294290.98	3.4618	P	0.7
6	☐	1000.000	1016.059	2567491.33	6.8728	P	0.5
7	☐	2000.000	1987.790	5180099.82	13.4457	P	0.5
8	☐			17398.21	0.0428	P	0.2

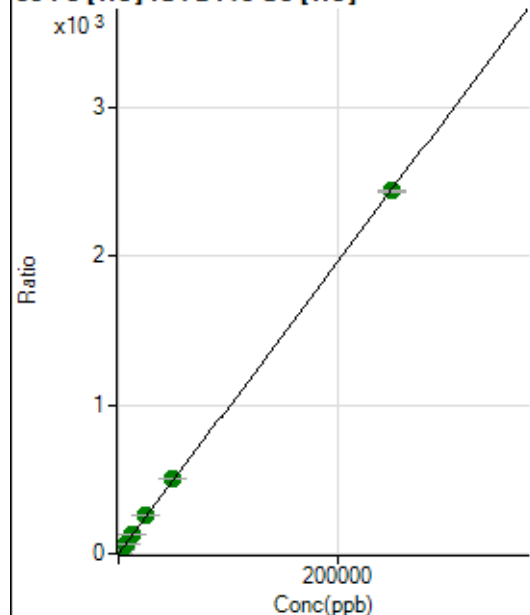
$$y = 0.0068 * x + 1.3343E-004$$

$$R = 0.9999$$

$$DL = 0.007502$$

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	2596.61	0.0069	P	5.3
2	☐	50.000	53.524	200745.54	0.5295	P	4.5
3	☐	2500.000	2707.294	10127921.18	26.4389	A	0.2
4	☐	6250.000	6770.248	25191848.95	66.1066	A	3.3
5	☐	12500.000	13353.793	48744612.67	130.3834	A	1.3
6	☐	25000.000	26459.155	96503616.04	258.3343	A	1.1
7	☐	50000.000	51823.166	194930128.4	505.9695	A	0.3
8	☐	250000.00	249431.68	990862466.5	2,435.271	A	0.6

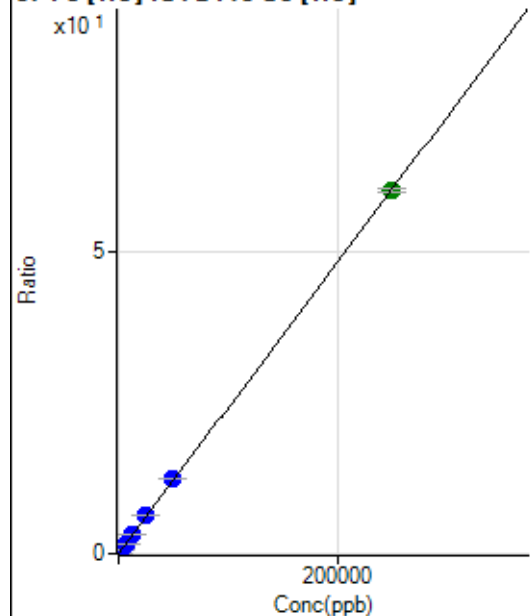
$$y = 0.0098 * x + 0.0069$$

$$R = 1.0000$$

$$DL = 0.1119$$

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	83.33	0.0002	P	28.7
2	☐	50.000	57.068	5288.14	0.0139	P	6.4
3	☐	2500.000	2707.766	249551.27	0.6514	P	0.4
4	☐	6250.000	6737.140	617585.94	1.6205	P	3.0
5	☐	12500.000	13306.379	1196566.38	3.2004	P	0.7
6	☐	25000.000	26359.958	2368325.55	6.3399	P	1.2
7	☐	50000.000	51676.475	4788121.06	12.4286	P	0.7
8	☐	250000.00	249474.13	24412206.33	59.9995	A	1.0

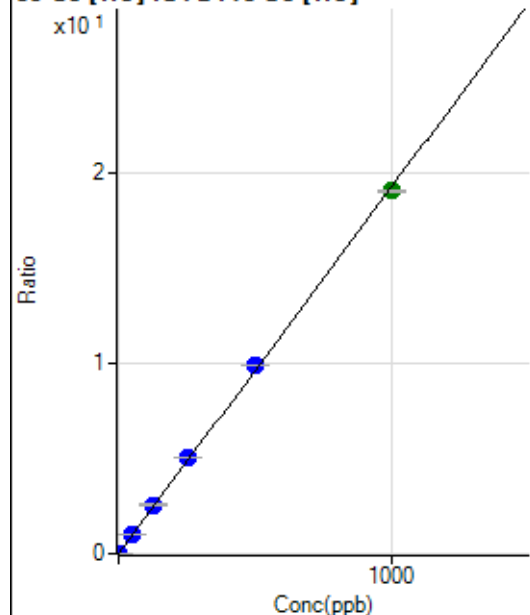
$$y = 2.4050E-004 * x + 2.2239E-004$$

$$R = 1.0000$$

$$DL = 0.796$$

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	276.67	0.0007	P	6.9
2	☐	1.000	1.009	7630.98	0.0201	P	4.5
3	☐	50.000	53.088	391246.46	1.0213	P	0.1
4	☐	125.000	132.164	968543.31	2.5415	P	3.2
5	☐	250.000	261.108	1876958.75	5.0204	P	1.1
6	☐	500.000	513.107	3685343.80	9.8650	P	0.4
7	☐	1000.000	989.620	7329725.86	19.0258	A	0.6
8	☐			90371.69	0.2221	P	1.5

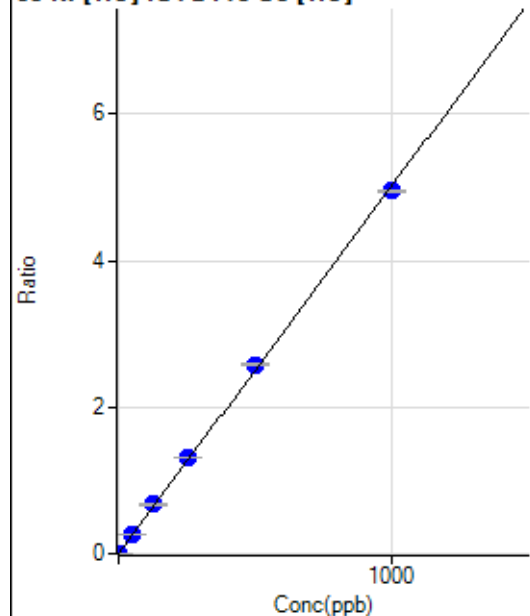
$$y = 0.0192 * x + 7.3885E-004$$

$$R = 0.9998$$

$$DL = 0.00796$$

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	331.12	0.0009	P	2.4
2	☐	1.000	1.085	2396.90	0.0063	P	4.9
3	☐	50.000	54.271	104579.38	0.2730	P	0.7
4	☐	125.000	134.435	257182.93	0.6750	P	4.0
5	☐	250.000	262.979	493315.71	1.3195	P	1.0
6	☐	500.000	515.134	965250.12	2.5838	P	0.4
7	☐	1000.000	987.795	1908474.64	4.9538	P	0.7
8	☐			51983.07	0.1278	P	2.0

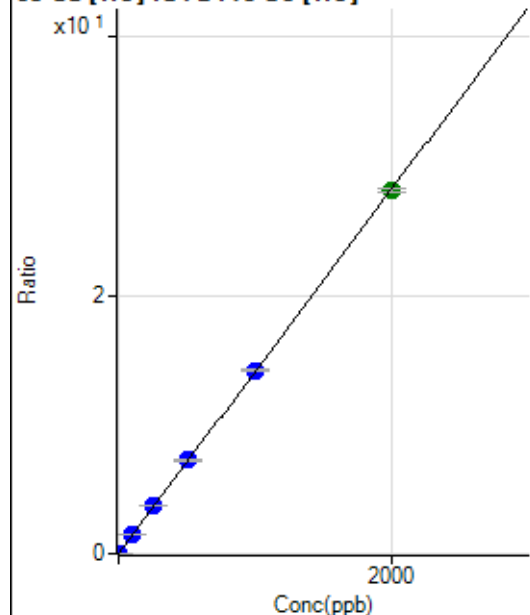
$$y = 0.0050 * x + 8.8420E-004$$

$$R = 0.9997$$

$$DL = 0.01284$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1067.84	0.0029	P	4.4
2	☐	2.000	2.030	11941.69	0.0315	P	2.5
3	☐	100.000	106.728	577961.51	1.5088	P	0.7
4	☐	250.000	262.891	1414662.76	3.7122	P	3.2
5	☐	500.000	514.045	2712722.25	7.2560	P	1.2
6	☐	1000.000	1005.675	5302023.39	14.1928	P	0.5
7	☐	2000.000	1991.703	10827537.34	28.1056	A	1.1
8	☐			25473.44	0.0626	P	1.5

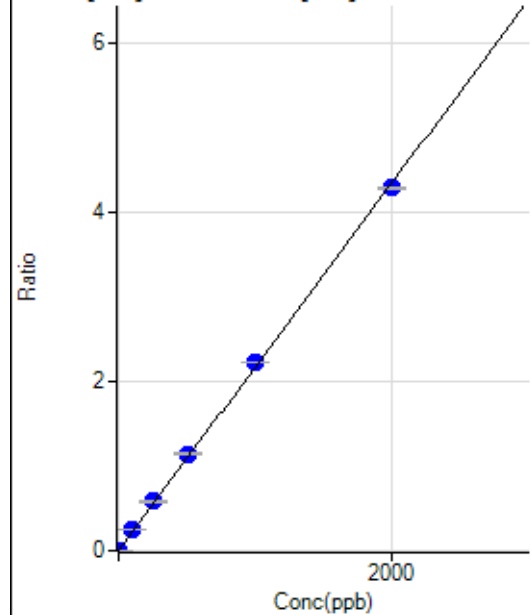
$$y = 0.0141 * x + 0.0029$$

$$R = 1.0000$$

$$DL = 0.02678$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	538.91	0.0014	P	9.3
2	☐	2.000	2.417	2532.49	0.0067	P	4.8
3	☐	100.000	110.956	92694.96	0.2420	P	0.7
4	☐	250.000	269.854	223492.87	0.5865	P	3.1
5	☐	500.000	528.147	428592.43	1.1464	P	1.2
6	☐	1000.000	1026.929	832199.22	2.2277	P	0.6
7	☐	2000.000	1976.469	1651307.30	4.2862	P	0.5
8	☐			14109.24	0.0347	P	1.7

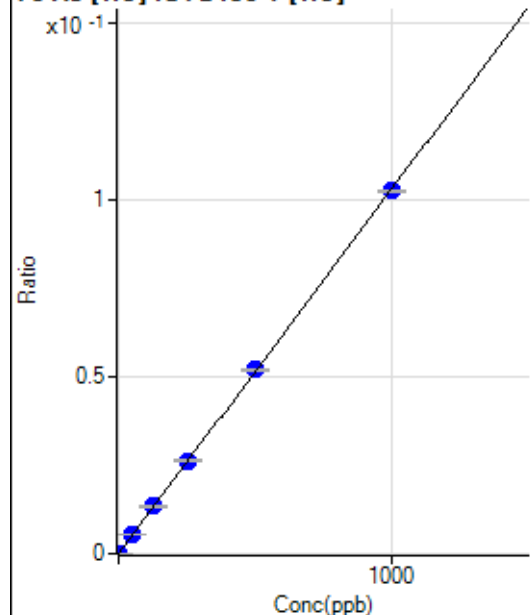
$$y = 0.0022 * x + 0.0014$$

$$R = 0.9997$$

$$DL = 0.1852$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	10.7
2	☐	1.000	1.038	483.96	0.0001	P	7.1
3	☐	50.000	53.004	24076.76	0.0055	P	0.3
4	☐	125.000	129.564	58275.27	0.0134	P	1.9
5	☐	250.000	255.833	113457.13	0.0264	P	1.4
6	☐	500.000	504.133	222726.48	0.0519	P	0.2
7	☐	1000.000	995.755	451062.06	0.1026	P	0.4
8	☐			705.58	0.0002	P	4.2

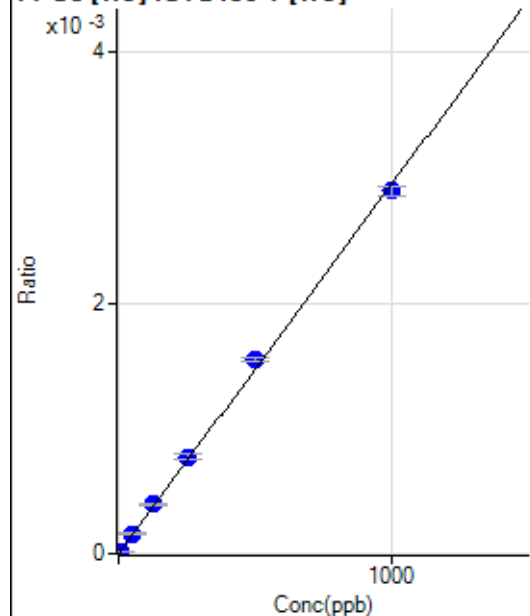
$$y = 1.0303\text{E-}004 * x + 3.8387\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01195$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.269	67.78	0.0000	P	10.2
3	☐	50.000	54.402	705.59	0.0002	P	9.5
4	☐	125.000	133.301	1714.58	0.0004	P	3.7
5	☐	250.000	261.874	3318.22	0.0008	P	5.8
6	☐	500.000	526.269	6644.95	0.0015	P	2.1
7	☐	1000.000	982.638	12721.33	0.0029	P	2.4
8	☐			6.67	0.0000	P	50.2

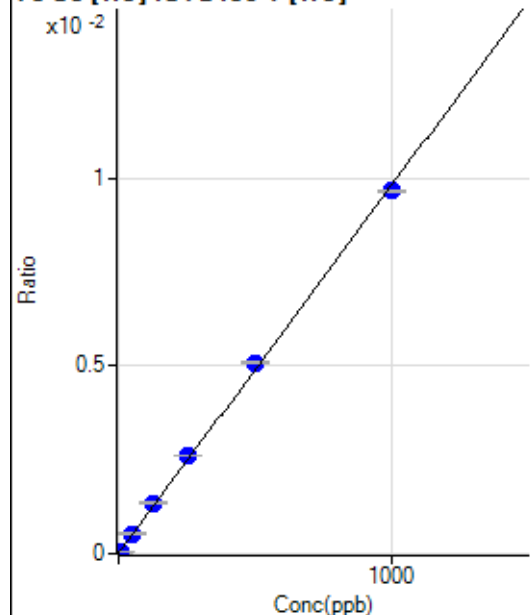
$$y = 2.9449\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9994$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.95	0.0000	P	11.0
2	☐	5.000	5.285	260.50	0.0001	P	8.3
3	☐	50.000	53.627	2350.83	0.0005	P	3.1
4	☐	125.000	136.610	5877.78	0.0013	P	3.2
5	☐	250.000	264.477	11192.66	0.0026	P	0.6
6	☐	500.000	518.656	21833.76	0.0051	P	0.3
7	☐	1000.000	985.419	42503.41	0.0097	P	0.6
8	☐			55.56	0.0000	P	5.5

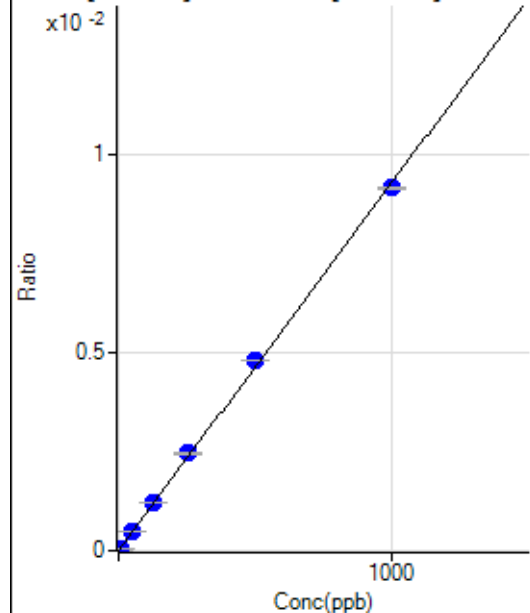
$$y = 9.8031\text{E-}006 * x + 7.8207\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.2641$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.61	0.0000	P	172.
2	☐	5.000	5.417	1462.00	0.0001	P	3.6
3	☐	50.000	54.343	14454.01	0.0005	P	0.6
4	☐	125.000	130.234	35341.20	0.0012	P	2.4
5	☐	250.000	264.346	68917.96	0.0025	P	0.5
6	☐	500.000	517.278	133976.12	0.0048	P	0.4
7	☐	1000.000	986.901	256415.92	0.0092	P	0.6
8	☐			116.42	0.0000	P	18.8

$$y = 9.2715\text{E-}006 * x + 1.4712\text{E-}006$$

$$R = 0.9997$$

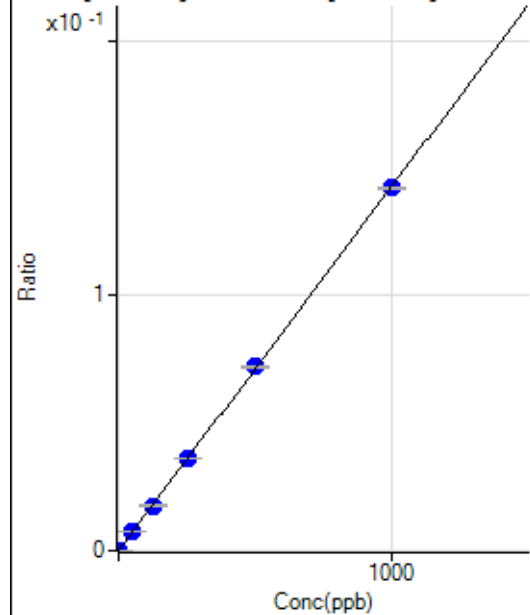
$$DL = 0.8207$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			265.56		P	15.3
2	☐			320.01		P	7.5
3	☐			314.45		P	10.6
4	☐			292.23		P	16.0
5	☐			273.34		P	10.4
6	☐			284.45		P	8.8
7	☐			277.78		P	4.5
8	☐			314.45		P	11.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	450.03	0.0000	P	22.8
2	☐	1.000	0.996	4478.67	0.0002	P	4.2
3	☐	50.000	50.984	208455.65	0.0073	P	0.2
4	☐	125.000	123.044	513443.61	0.0176	P	2.8
5	☐	250.000	253.613	1016928.91	0.0362	P	0.4
6	☐	500.000	504.782	2010848.03	0.0720	P	0.7
7	☐	1000.000	996.901	3984039.41	0.1422	P	0.7
8	☐			16879.99	0.0006	P	0.2

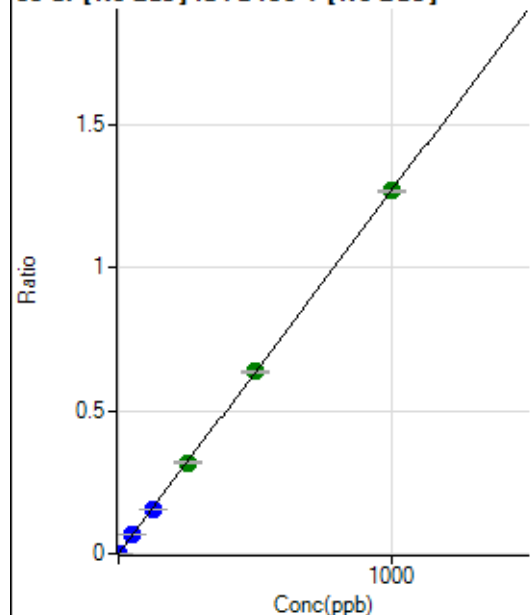
$$y = 1.4262\text{E-}004 * x + 1.6353\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.07849$$

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	125.01	0.0000	P	20.3
2	☐	1.000	0.993	35726.03	0.0013	P	0.9
3	☐	50.000	50.635	1835761.52	0.0642	P	0.5
4	☐	125.000	122.205	4528313.12	0.1549	P	1.6
5	☐	250.000	251.424	8955015.22	0.3187	A	0.8
6	☐	500.000	500.930	17729508.56	0.6349	A	0.7
7	☐	1000.000	999.497	35493394.20	1.2667	A	0.3
8	☐			144819.66	0.0052	P	0.5

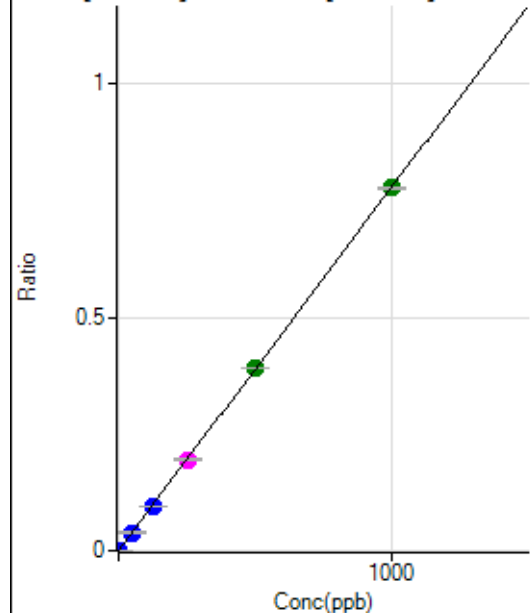
$$y = 0.0013 * x + 4.5427E-006$$

$$R = 1.0000$$

$$DL = 0.002183$$

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	1219.55	0.0000	P	7.6
2	☐	1.000	0.830	19494.49	0.0007	P	3.1
3	☐	50.000	50.122	1116175.98	0.0390	P	0.6
4	☐	125.000	121.185	2756503.90	0.0943	P	1.7
5	☐	250.000	251.078	5488302.03	0.1953	M	0.6
6	☐	500.000	502.481	10913800.85	0.3908	A	0.2
7	☐	1000.000	998.961	21767826.01	0.7769	A	0.4
8	☐			6704.62	0.0002	P	8.1

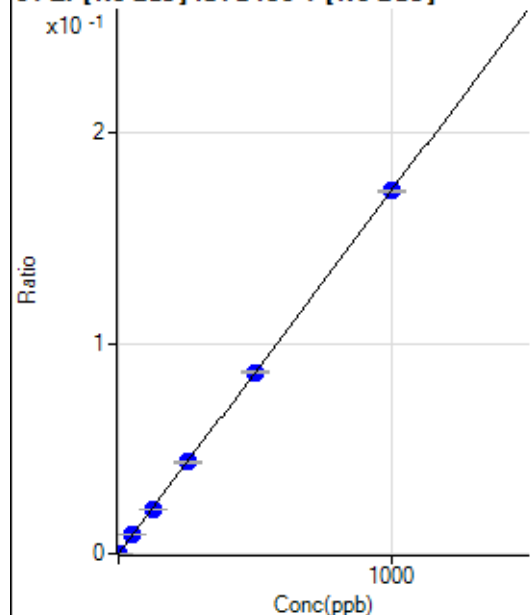
$$y = 7.7765E-004 * x + 4.4300E-005$$

$$R = 1.0000$$

$$DL = 0.01298$$

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	252.79	0.0000	P	11.8
2	☐	1.000	0.859	4448.10	0.0002	P	5.4
3	☐	50.000	50.396	248838.90	0.0087	P	0.3
4	☐	125.000	122.741	619068.93	0.0212	P	1.6
5	☐	250.000	252.071	1221801.95	0.0435	P	0.7
6	☐	500.000	499.983	2407946.39	0.0862	P	0.4
7	☐	1000.000	999.754	4830659.92	0.1724	P	0.5
8	☐			1483.47	0.0001	P	14.7

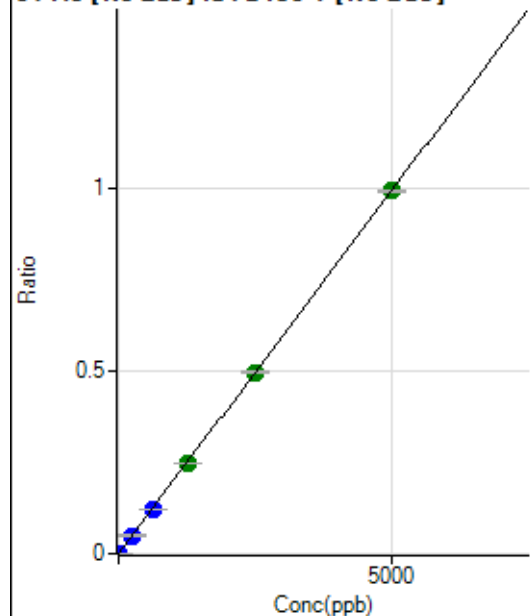
$$y = 1.7244\text{E-}004 * x + 9.1832\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01877$$

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	386.14	0.0000	P	20.7
2	☐	5.000	4.708	26789.76	0.0009	P	2.0
3	☐	250.000	251.360	1425772.86	0.0498	P	0.7
4	☐	625.000	614.460	3561804.12	0.1218	P	1.6
5	☐	1250.000	1255.120	6993030.02	0.2488	A	0.3
6	☐	2500.000	2499.939	13840723.75	0.4956	A	0.6
7	☐	5000.000	5000.001	27773663.82	0.9912	A	0.5
8	☐			19221.96	0.0007	P	0.8

$$y = 1.9825\text{E-}004 * x + 1.4031\text{E-}005$$

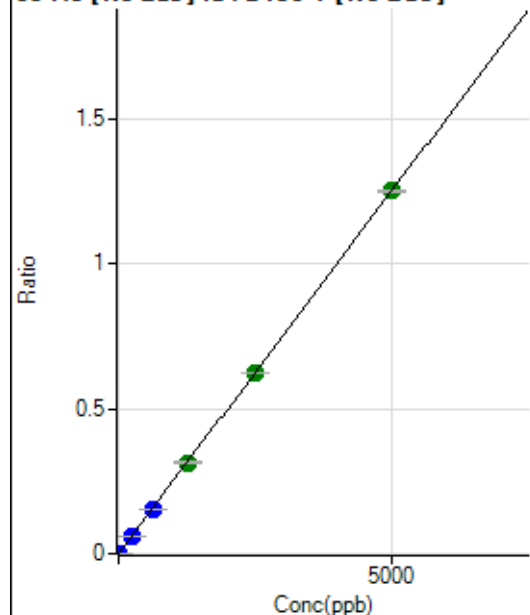
$$R = 1.0000$$

$$DL = 0.04395$$

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	94.45	0.0000	P	18.1
2	☐	5.000	4.924	34952.31	0.0012	P	3.1
3	☐	250.000	249.323	1785327.54	0.0624	P	1.0
4	☐	625.000	611.846	4477826.32	0.1532	P	1.9
5	☐	1250.000	1259.197	8858409.83	0.3152	A	0.4
6	☐	2500.000	2491.633	17417942.40	0.6237	A	0.7
7	☐	5000.000	5003.562	35095741.06	1.2525	A	0.2
8	☐			29111.14	0.0010	P	3.4

$$y = 2.5033\text{E-}004 * x + 3.4295\text{E-}006$$

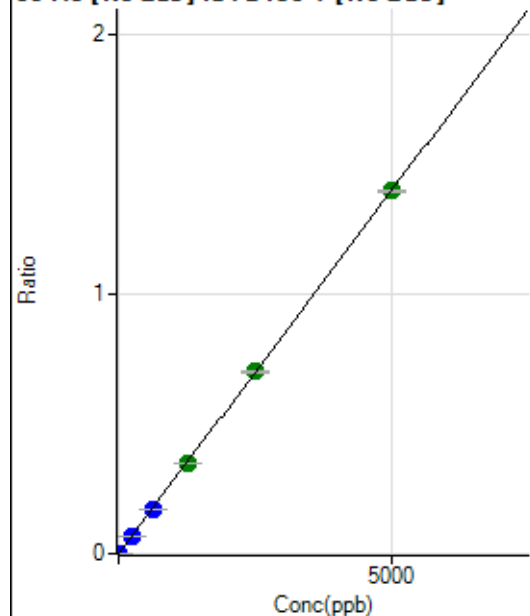
$$R = 1.0000$$

$$DL = 0.00744$$

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	147.23	0.0000	P	26.4
2	☐	5.000	4.889	38750.93	0.0014	P	1.1
3	☐	250.000	250.190	1998060.98	0.0699	P	1.0
4	☐	625.000	612.269	4997208.01	0.1709	P	2.2
5	☐	1250.000	1252.886	9829710.38	0.3498	A	0.8
6	☐	2500.000	2507.156	19546218.67	0.6999	A	0.9
7	☐	5000.000	4997.283	39090511.64	1.3951	A	0.4
8	☐			33097.56	0.0012	P	0.3

$$y = 2.7918\text{E-}004 * x + 5.3449\text{E-}006$$

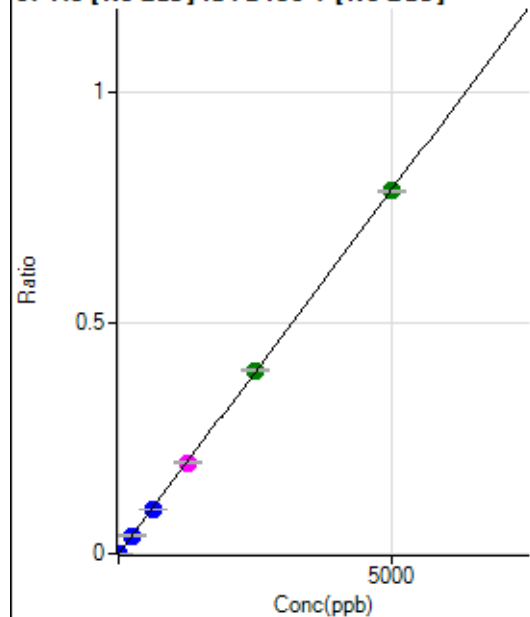
$$R = 1.0000$$

$$DL = 0.01518$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	39.6
2	☐	5.000	4.876	21786.87	0.0008	P	1.8
3	☐	250.000	249.681	1124988.96	0.0393	P	1.3
4	☐	625.000	609.336	2806072.72	0.0960	P	1.7
5	☐	1250.000	1255.527	5557578.51	0.1978	M	1.3
6	☐	2500.000	2523.182	11098522.64	0.3974	A	0.8
7	☐	5000.000	4989.001	22018200.67	0.7858	A	0.8
8	☐			18345.79	0.0007	P	1.8

$$y = 1.5751E-004 * x + 2.3194E-006$$

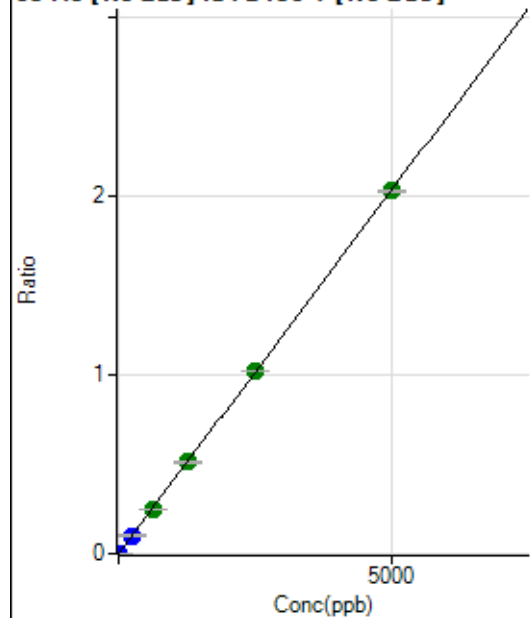
$$R = 1.0000$$

$$DL = 0.01748$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	8.4
2	☐	5.000	4.848	55827.36	0.0020	P	3.0
3	☐	250.000	250.900	2916651.37	0.1020	P	1.1
4	☐	625.000	611.535	7265799.81	0.2485	A	1.8
5	☐	1250.000	1257.573	14362256.57	0.5111	A	0.8
6	☐	2500.000	2517.674	28572613.49	1.0232	A	0.6
7	☐	5000.000	4990.908	56829608.21	2.0283	A	0.5
8	☐			46721.98	0.0017	P	2.0

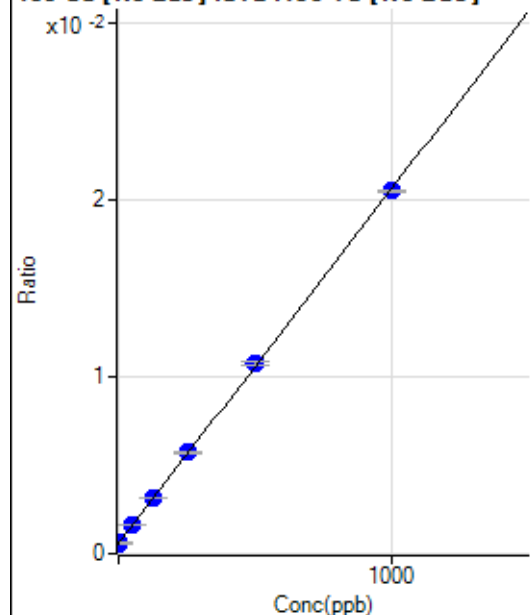
$$y = 4.0639E-004 * x + 4.0355E-006$$

$$R = 1.0000$$

$$DL = 0.002508$$

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	12436.50	0.0006	P	0.5
2	☐	1.000	1.027	13103.80	0.0006	P	3.7
3	☐	50.000	51.265	35882.60	0.0016	P	1.1
4	☐	125.000	126.748	71745.84	0.0031	P	1.2
5	☐	250.000	255.947	126306.85	0.0057	P	1.4
6	☐	500.000	507.169	237809.62	0.0107	P	1.7
7	☐	1000.000	994.647	455016.12	0.0205	P	0.8
8	☐			13498.62	0.0006	P	4.8

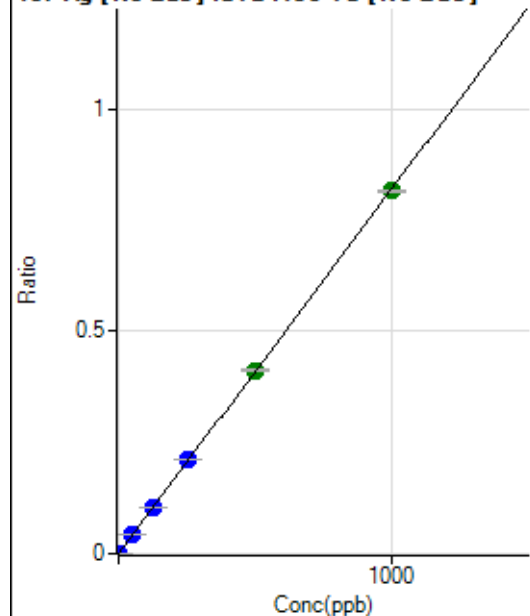
$$y = 2.0025\text{E-}005 * x + 5.7831\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.4623$$

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	250.01	0.0000	P	5.7
2	☐	1.000	1.083	19675.58	0.0009	P	2.0
3	☐	50.000	52.940	969849.86	0.0434	P	0.2
4	☐	125.000	128.382	2421424.32	0.1052	P	0.9
5	☐	250.000	258.800	4694999.24	0.2120	P	0.7
6	☐	500.000	502.951	9128123.90	0.4120	A	1.0
7	☐	1000.000	995.755	18108818.81	0.8157	A	0.6
8	☐			2130.81	0.0001	P	17.7

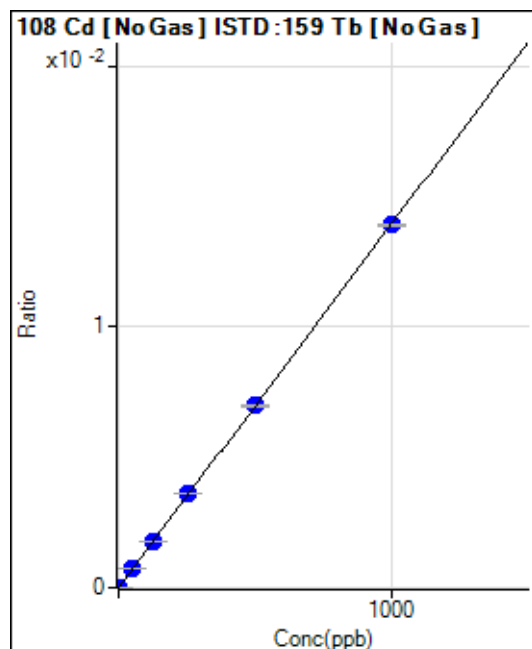
$$y = 8.1916\text{E-}004 * x + 1.1626\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.002443$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	29.3
2	☐	1.000	1.058	348.62	0.0000	P	8.0
3	☐	50.000	52.722	16477.91	0.0007	P	0.9
4	☐	125.000	126.911	40799.20	0.0018	P	2.6
5	☐	250.000	258.049	79784.45	0.0036	P	0.3
6	☐	500.000	500.325	154742.81	0.0070	P	0.6
7	☐	1000.000	997.450	309083.88	0.0139	P	0.8
8	☐			108.34	0.0000	P	13.9

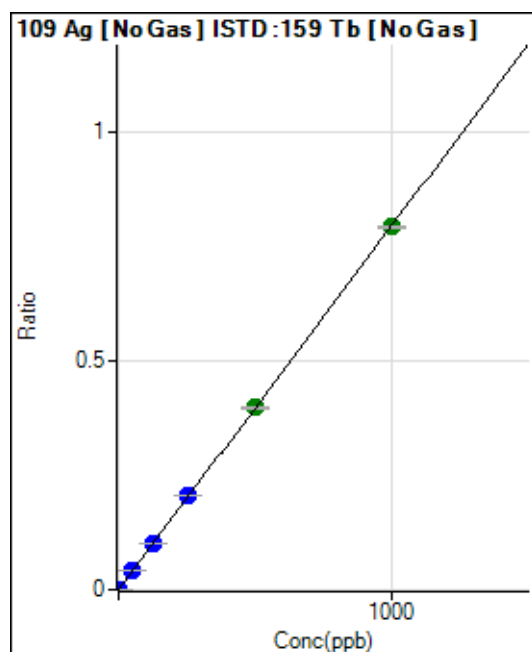
$$y = 1.3957\text{E-}005 * x + 1.1639\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.07324$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	21.9
2	☐	1.000	1.094	19060.69	0.0009	P	0.2
3	☐	50.000	53.044	940702.72	0.0421	P	1.0
4	☐	125.000	126.967	2318331.39	0.1007	P	1.5
5	☐	250.000	257.694	4526338.12	0.2044	P	0.7
6	☐	500.000	500.223	8790125.89	0.3968	A	1.1
7	☐	1000.000	997.567	17565565.32	0.7912	A	0.2
8	☐			1939.11	0.0001	P	10.4

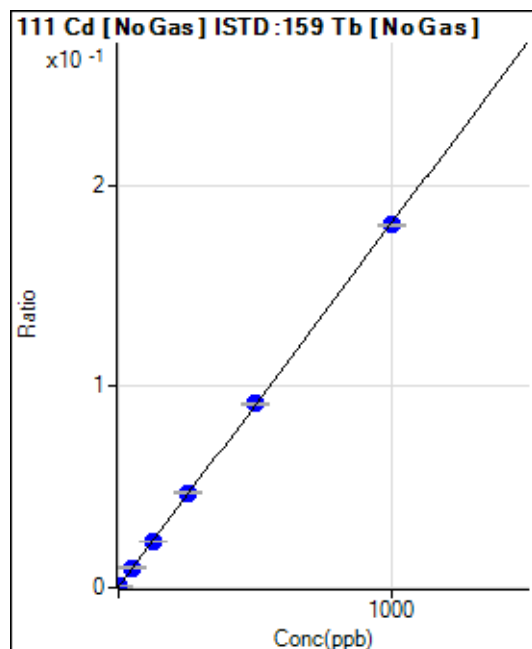
$$y = 7.9316\text{E-}004 * x + 3.4858\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.002891$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8751.94	0.0004	P	0.2
2	☐	1.000	1.031	12984.85	0.0006	P	1.4
3	☐	50.000	53.089	223664.18	0.0100	P	0.7
4	☐	125.000	126.485	535744.24	0.0233	P	1.1
5	☐	250.000	258.799	1045022.05	0.0472	P	0.7
6	☐	500.000	504.097	2027899.31	0.0915	P	1.4
7	☐	1000.000	995.412	4003795.54	0.1803	P	0.4
8	☐			10074.62	0.0005	P	4.2

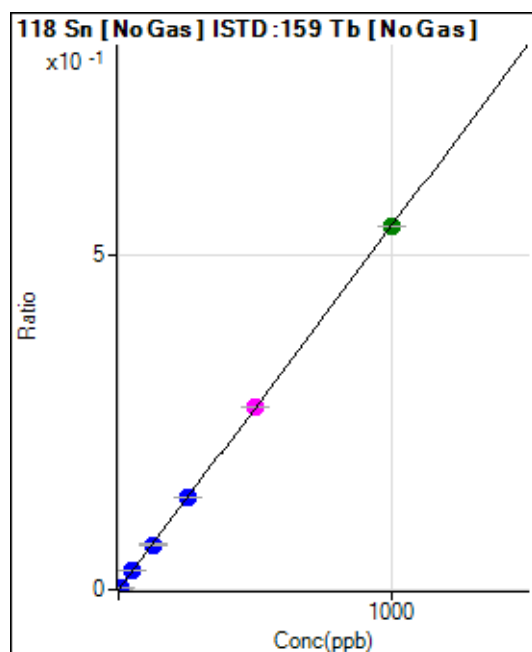
$$y = 1.8077\text{E-}004 * x + 4.0697\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.01553$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1450.14	0.0001	P	7.0
2	☐	5.000	5.193	63301.96	0.0029	P	1.3
3	☐	50.000	51.267	625079.06	0.0280	P	1.2
4	☐	125.000	123.752	1551362.80	0.0674	P	2.0
5	☐	250.000	254.175	3063805.04	0.1383	P	0.4
6	☐	500.000	502.662	6060227.39	0.2735	M	0.8
7	☐	1000.000	997.717	12051771.88	0.5429	A	0.1
8	☐			6893.68	0.0003	P	6.1

$$y = 5.4404\text{E-}004 * x + 6.7453\text{E-}005$$

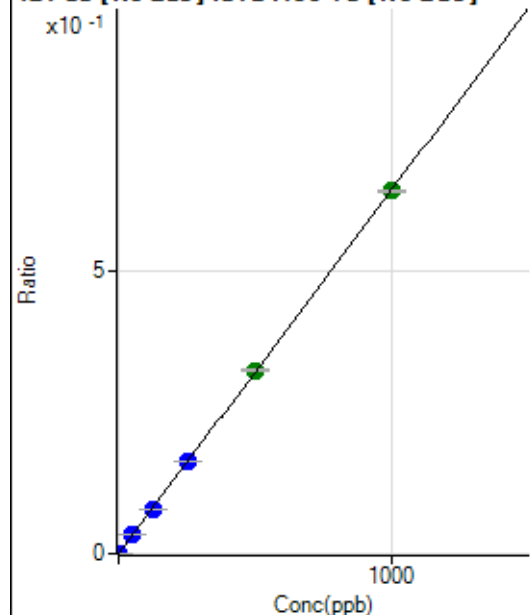
$$R = 1.0000$$

$$DL = 0.02592$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	144.45	0.0000	P	34.2
2	☐	2.000	1.945	27480.56	0.0013	P	1.4
3	☐	50.000	50.661	727609.85	0.0325	P	0.4
4	☐	125.000	122.244	1807557.14	0.0785	P	1.3
5	☐	250.000	251.818	3581732.89	0.1617	P	0.1
6	☐	500.000	504.023	7172145.74	0.3237	A	0.6
7	☐	1000.000	997.846	14227772.71	0.6409	A	0.2
8	☐			20540.78	0.0009	P	3.7

$$y = 6.4225E-004 * x + 6.7073E-006$$

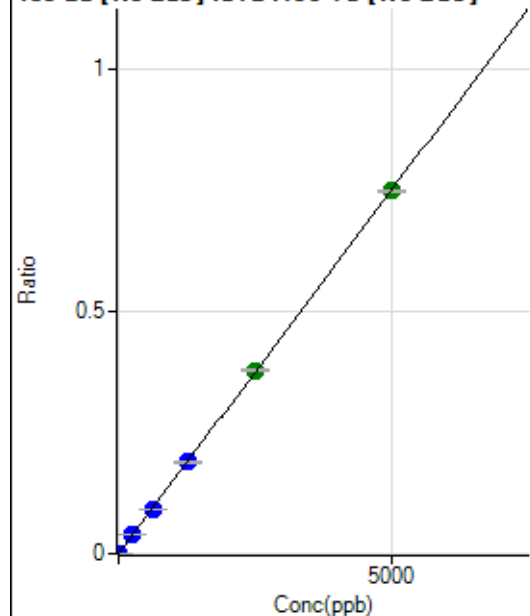
$$R = 1.0000$$

$$DL = 0.01072$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.79	0.0000	P	20.2
2	☐	10.000	10.169	33530.28	0.0015	P	2.7
3	☐	250.000	254.521	854924.55	0.0382	P	0.8
4	☐	625.000	614.341	2124690.22	0.0923	P	1.3
5	☐	1250.000	1261.168	4195512.16	0.1895	P	0.9
6	☐	2500.000	2515.373	8371708.35	0.3779	A	1.2
7	☐	5000.000	4990.628	16643589.43	0.7497	A	0.4
8	☐			2808.74	0.0001	P	11.3

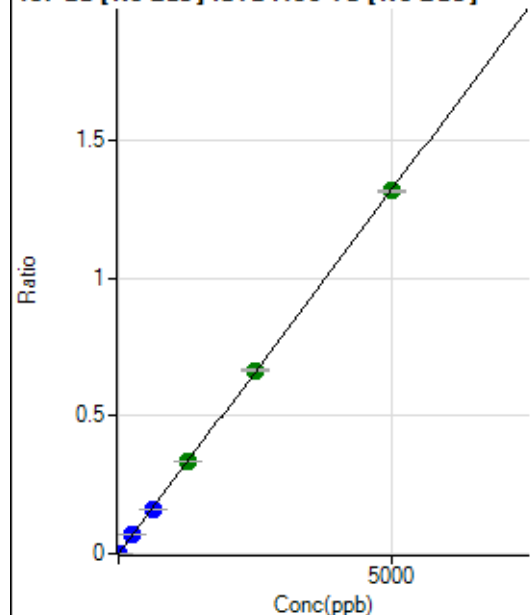
$$y = 1.5022E-004 * x + 4.7777E-006$$

$$R = 1.0000$$

$$DL = 0.01923$$

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	61.12	0.0000	P	7.8
2	☐	10.000	10.260	59277.21	0.0027	P	0.6
3	☐	250.000	254.538	1501039.14	0.0671	P	0.4
4	☐	625.000	612.667	3720280.38	0.1616	P	0.6
5	☐	1250.000	1262.621	7374766.40	0.3330	A	0.5
6	☐	2500.000	2520.018	14725699.11	0.6647	A	0.9
7	☐	5000.000	4988.150	29208035.38	1.3156	A	0.6
8	☐			4859.40	0.0002	P	6.1

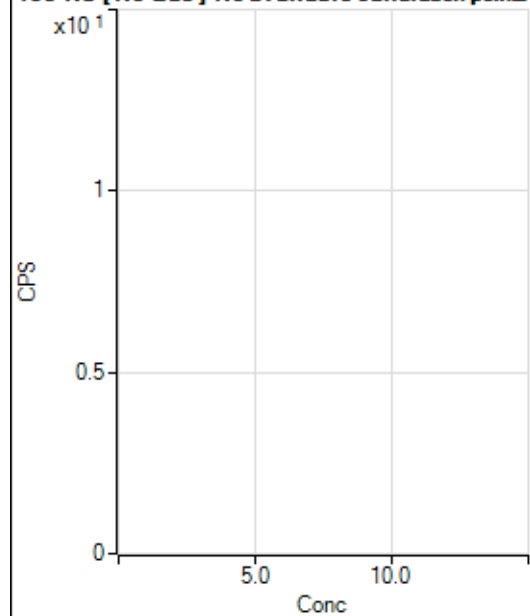
$$y = 2.6375E-004 * x + 2.8420E-006$$

$$R = 1.0000$$

$$DL = 0.002529$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	69.3
2	☐			4.45		P	86.6
3	☐			71.12		P	28.6
4	☐			211.12		P	11.1
5	☐			328.91		P	8.4
6	☐			720.05		P	6.7
7	☐			1182.32		P	4.9
8	☐			184.45		P	29.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	173.
2	☐			0.00		P	
3	☐			13.33		P	66.2
4	☐			21.11		P	48.2
5	☐			31.11		P	40.6
6	☐			77.78		P	8.9
7	☐			116.67		P	25.4
8	☐			78.89		P	24.8

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	89.2
2	☐			16.67		P	50.0
3	☐			44.45		P	28.7
4	☐			61.12		P	34.3
5	☐			88.89		P	23.6
6	☐			158.34		P	24.1
7	☐			238.90		P	21.0
8	☐			113.90		P	8.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	16.7
2	☐			8.89		P	94.4
3	☐			16.67		P	40.0
4	☐			48.89		P	14.2
5	☐			73.34		P	24.1
6	☐			167.78		P	10.9
7	☐			272.23		P	9.8
8	☐			57.78		P	6.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			116.67		P	25.8
2	☐			113.90		P	15.2
3	☐			108.34		P	53.8
4	☐			152.79		P	16.7
5	☐			125.01		P	13.3
6	☐			155.56		P	20.3
7	☐			144.45		P	37.5
8	☐			152.78		P	11.4

160 Gd [He] No available calibration points

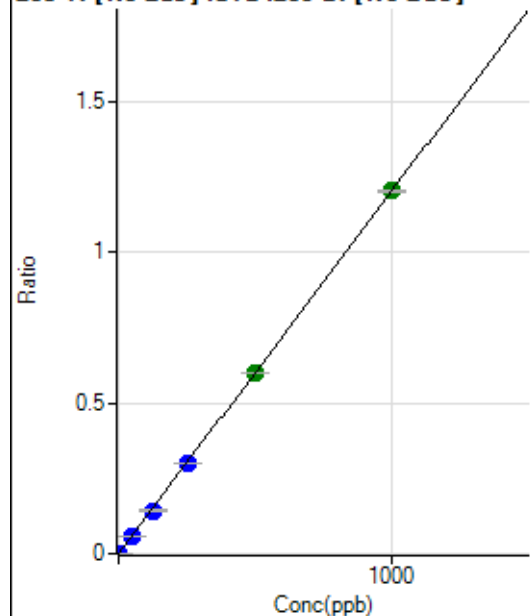
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			252.23		P	11.1
2	☐			306.67		P	5.0
3	☐			257.78		P	5.4
4	☐			278.90		P	7.0
5	☐			280.01		P	17.3
6	☐			274.45		P	4.9
7	☐			310.01		P	9.3
8	☐			303.34		P	15.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	44.6
2	☐			75.00		P	11.1
3	☐			88.89		P	27.1
4	☐			83.34		P	10.0
5	☐			88.89		P	21.7
6	☐			97.23		P	26.2
7	☐			66.67		P	54.5
8	☐			111.12		P	8.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			55.56		P	3.5
2	☐			41.11		P	46.1
3	☐			61.11		P	22.0
4	☐			47.78		P	28.2
5	☐			51.11		P	43.4
6	☐			64.44		P	15.8
7	☐			56.67		P	21.2
8	☐			63.33		P	15.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	750.06	0.0000	P	16.7
2	☐	1.000	0.927	18051.74	0.0012	P	4.0
3	☐	50.000	49.394	924610.42	0.0595	P	0.7
4	☐	125.000	118.817	2291185.21	0.1430	P	2.4
5	☐	250.000	248.483	4558597.85	0.2991	P	1.0
6	☐	500.000	499.307	9011403.59	0.6009	A	0.5
7	☐	1000.000	1001.529	17654124.70	1.2053	A	0.4
8	☐			5109.57	0.0004	P	10.9

$$y = 0.0012 * x + 4.8868E-005$$

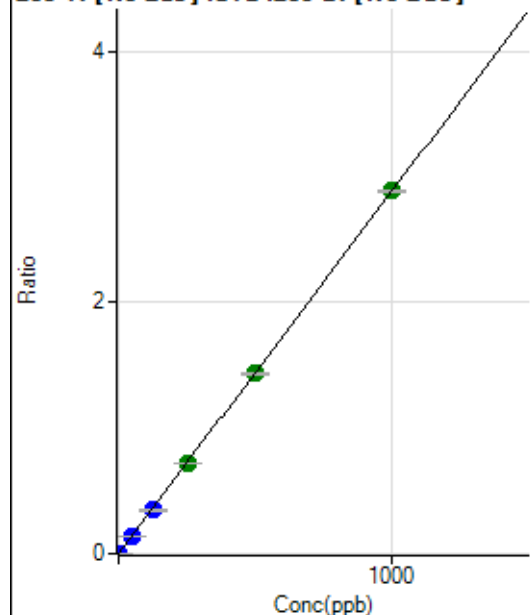
$$R = 1.0000$$

$$DL = 0.02033$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1472.38	0.0001	P	3.5
2	☐	1.000	0.943	43695.30	0.0028	P	0.6
3	☐	50.000	49.240	2208820.73	0.1421	P	0.6
4	☐	125.000	119.681	5531271.91	0.3453	P	1.8
5	☐	250.000	248.562	10929107.54	0.7170	A	0.6
6	☐	500.000	497.413	21515859.86	1.4348	A	0.4
7	☐	1000.000	1002.356	42346807.20	2.8912	A	0.3
8	☐			11900.31	0.0009	P	9.4

$$y = 0.0029 * x + 9.5899E-005$$

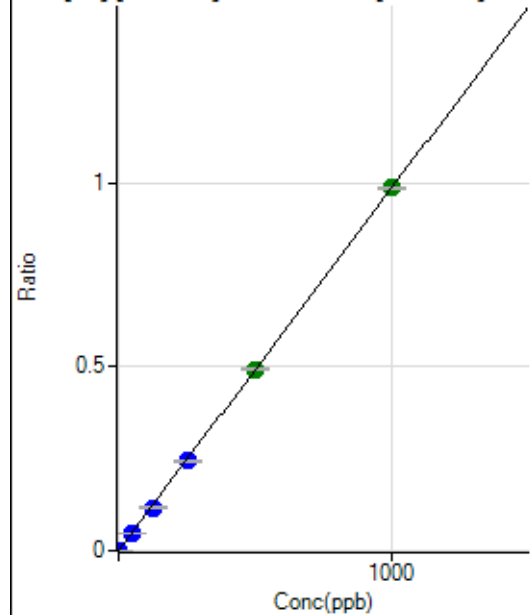
$$R = 1.0000$$

$$DL = 0.003445$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1268.62	0.0001	P	10.4
2	☐	1.000	0.939	15624.33	0.0010	P	0.7
3	☐	50.000	49.376	757146.30	0.0487	P	0.4
4	☐	125.000	119.296	1883518.22	0.1176	P	2.2
5	☐	250.000	247.033	3709945.71	0.2434	P	0.7
6	☐	500.000	500.442	7392735.81	0.4930	A	0.7
7	☐	1000.000	1001.265	14445911.55	0.9863	A	0.4
8	☐			8063.80	0.0006	P	2.7

$$y = 9.8494E-004 * x + 8.2641E-005$$

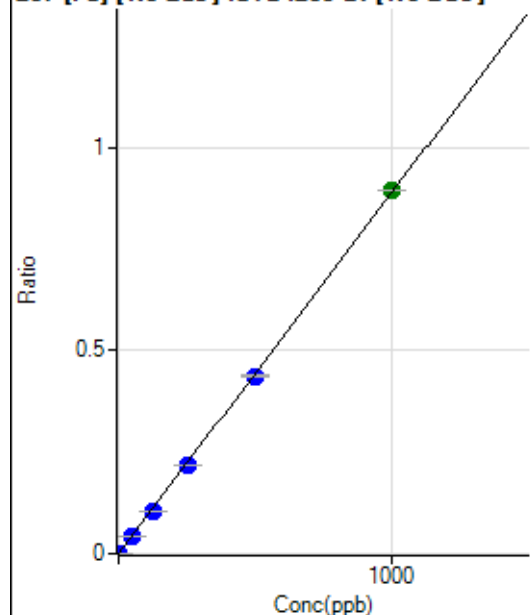
$$R = 1.0000$$

$$DL = 0.02622$$

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	1148.23	0.0001	P	9.4
2	☐	1.000	0.945	14183.85	0.0009	P	1.7
3	☐	50.000	48.876	675885.45	0.0435	P	0.4
4	☐	125.000	118.062	1681150.15	0.1049	P	1.3
5	☐	250.000	244.814	3315640.55	0.2175	P	0.6
6	☐	500.000	492.565	6561844.88	0.4376	P	0.8
7	☐	1000.000	1005.938	13088113.72	0.8936	A	0.1
8	☐			7116.94	0.0005	P	0.9

$$y = 8.8823E-004 * x + 7.4792E-005$$

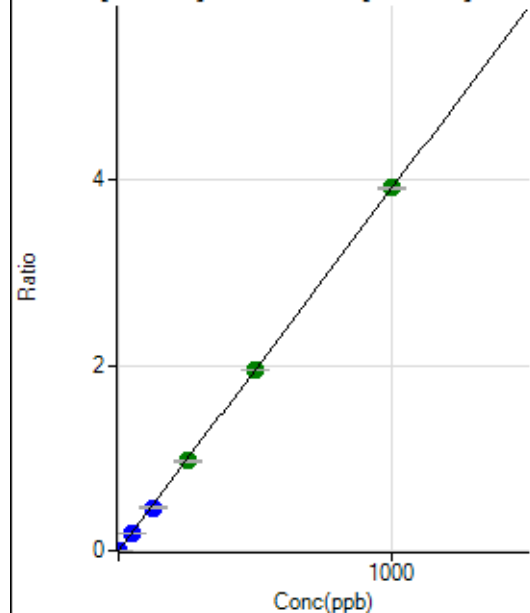
$$R = 0.9999$$

$$DL = 0.02372$$

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	4645.53	0.0003	P	4.7
2	☐	1.000	0.919	60346.51	0.0039	P	1.0
3	☐	50.000	49.092	2983493.37	0.1920	P	0.3
4	☐	125.000	119.066	7451436.22	0.4651	P	1.6
5	☐	250.000	247.372	14725235.97	0.9661	A	0.4
6	☐	500.000	498.383	29182255.70	1.9460	A	0.6
7	☐	1000.000	1002.253	57315950.82	3.9132	A	0.2
8	☐			31680.19	0.0024	P	1.7

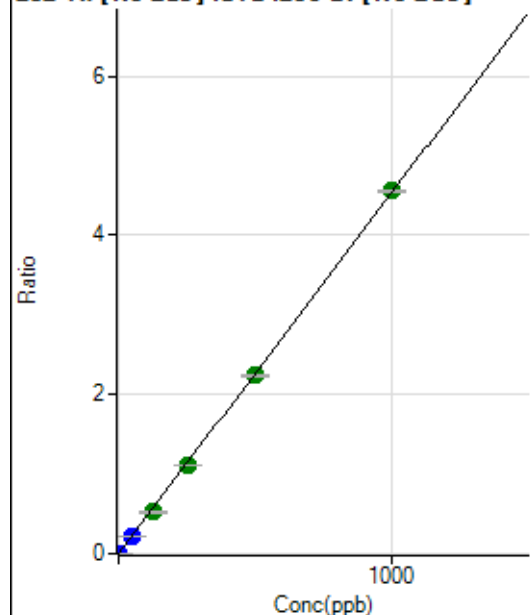
$$y = 0.0039 * x + 3.0256E-004$$

$$R = 1.0000$$

$$DL = 0.01086$$

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	1633.49	0.0001	P	5.6
2	☐	1.000	0.781	56533.33	0.0036	P	1.2
3	☐	50.000	47.231	3326696.25	0.2140	P	0.3
4	☐	125.000	115.113	8354879.18	0.5215	A	1.4
5	☐	250.000	243.089	16785478.61	1.1012	A	0.2
6	☐	500.000	494.018	33558335.93	2.2378	A	0.6
7	☐	1000.000	1006.093	66750972.79	4.5574	A	0.3
8	☐			13985.64	0.0011	P	3.3

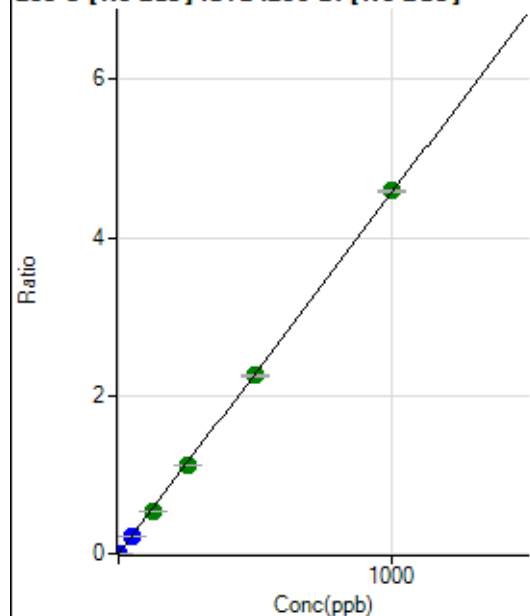
$$y = 0.0045 * x + 1.0637E-004$$

$$R = 0.9999$$

$$DL = 0.003959$$

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	2094.71	0.0001	P	9.7
2	☐	1.000	0.910	66495.47	0.0043	P	1.6
3	☐	50.000	47.982	3404748.17	0.2191	P	0.9
4	☐	125.000	116.080	8487215.38	0.5298	A	1.4
5	☐	250.000	243.378	16928940.66	1.1106	A	0.1
6	☐	500.000	494.860	33860083.74	2.2581	A	1.3
7	☐	1000.000	1005.442	67196798.73	4.5877	A	0.5
8	☐			8550.42	0.0007	P	13.3

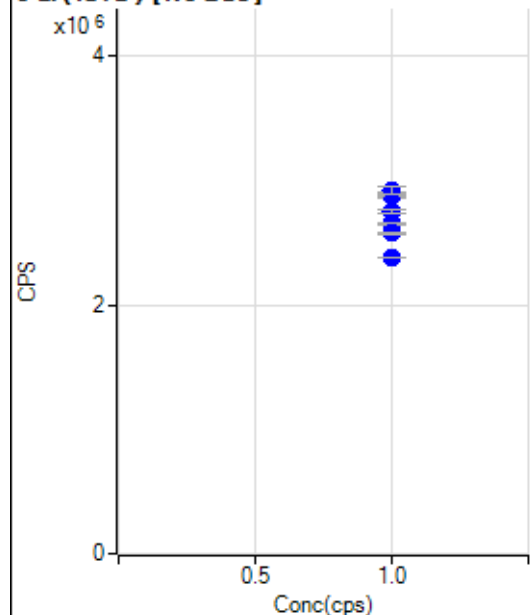
$$y = 0.0046 * x + 1.3643E-004$$

$$R = 0.9999$$

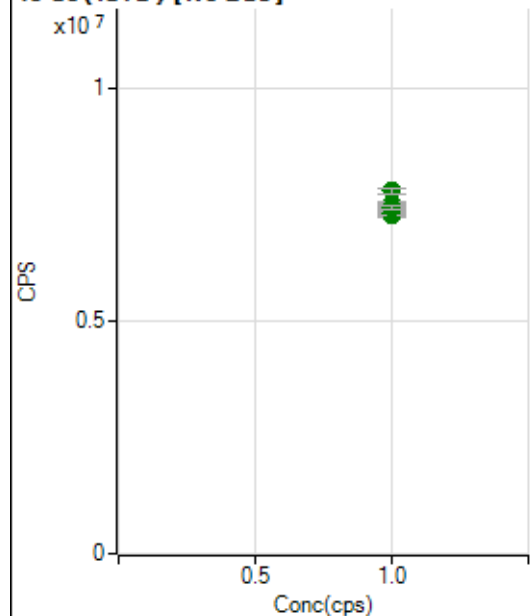
$$DL = 0.008679$$

Weight: <None>

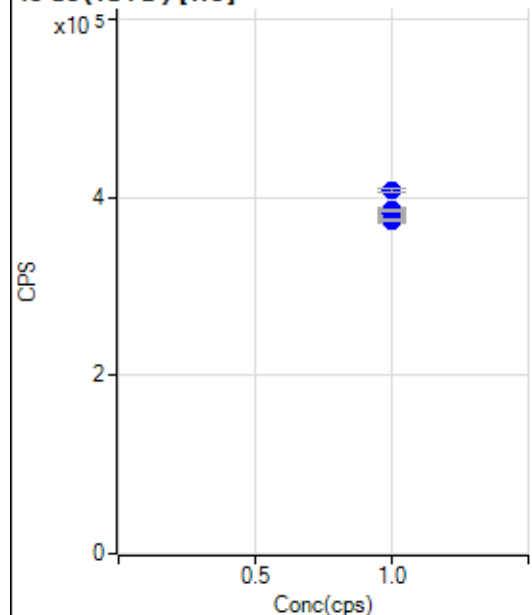
Min Conc: 0

6 Li (ISTD) [No Gas]

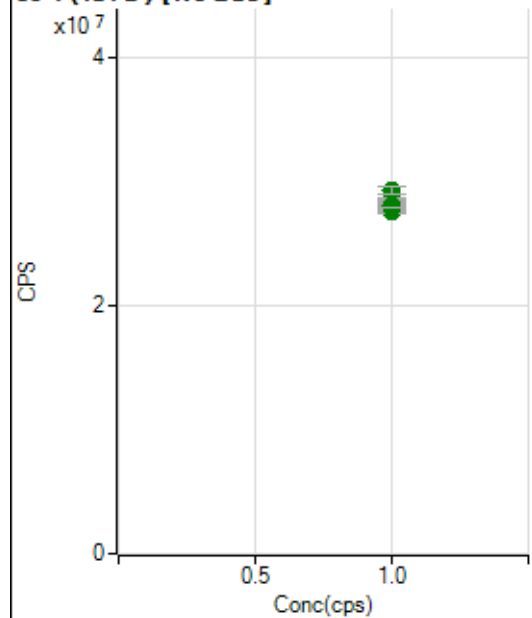
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2872741.22		P	0.6
2	☐	1.000		2896319.05		P	0.6
3	☐	1.000		2889851.14		P	0.6
4	☐	1.000		2918228.77		P	2.1
5	☐	1.000		2749882.22		P	1.0
6	☐	1.000		2653370.89		P	0.5
7	☐	1.000		2579103.57		P	0.6
8	☐	1.000		2380989.26		P	0.2

45 Sc (ISTD) [No Gas]

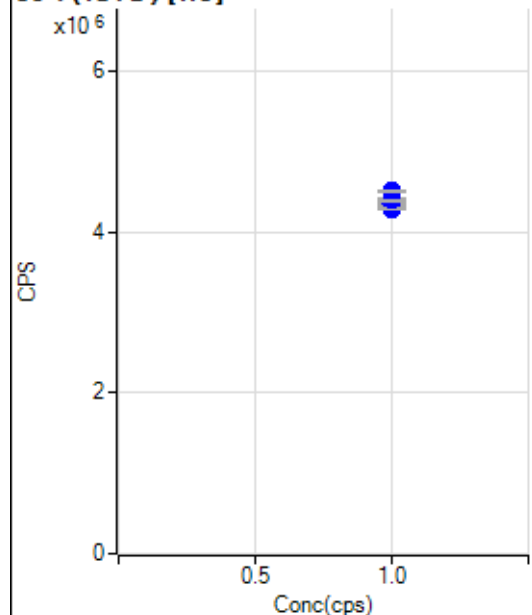
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7267112.75		A	0.9
2	☐	1.000		7471906.42		A	0.4
3	☐	1.000		7538438.19		A	0.7
4	☐	1.000		7807403.13		A	1.4
5	☐	1.000		7369439.05		A	1.3
6	☐	1.000		7268307.80		A	1.1
7	☐	1.000		7330869.70		A	1.2
8	☐	1.000		7458955.90		A	1.0

45 Sc (ISTD) [He]

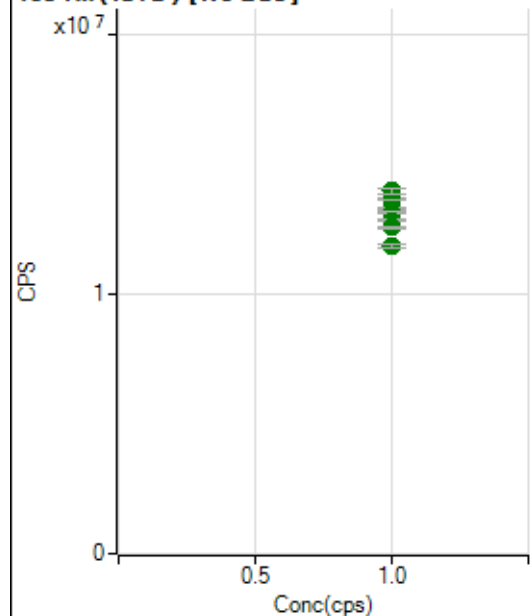
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		374511.88		P	0.8
2	☐	1.000		379037.48		P	0.8
3	☐	1.000		383070.62		P	0.4
4	☐	1.000		381339.48		P	3.1
5	☐	1.000		373896.74		P	1.3
6	☐	1.000		373578.77		P	0.6
7	☐	1.000		385262.10		P	0.6
8	☐	1.000		406891.95		P	0.9

89 Y (ISTD) [No Gas]

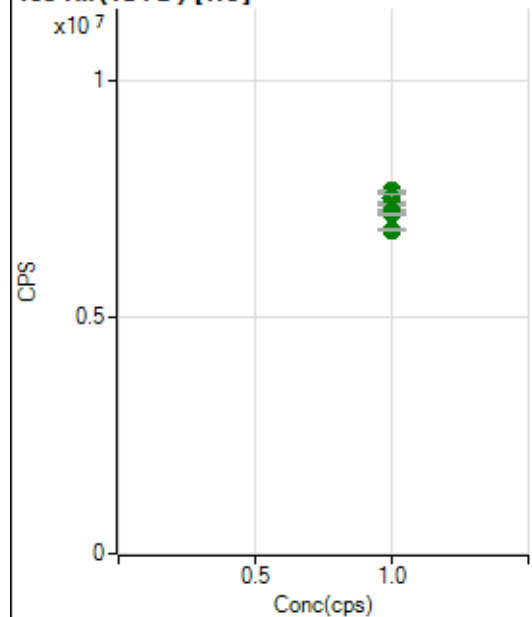
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		27530652.65		A	0.3
2	☐	1.000		28278889.85		A	0.4
3	☐	1.000		28604139.85		A	0.1
4	☐	1.000		29242958.45		A	2.1
5	☐	1.000		28103086.25		A	0.5
6	☐	1.000		27926846.25		A	0.9
7	☐	1.000		28019690.97		A	0.8
8	☐	1.000		27892084.86		A	0.1

89 Y(ISTD) [He]

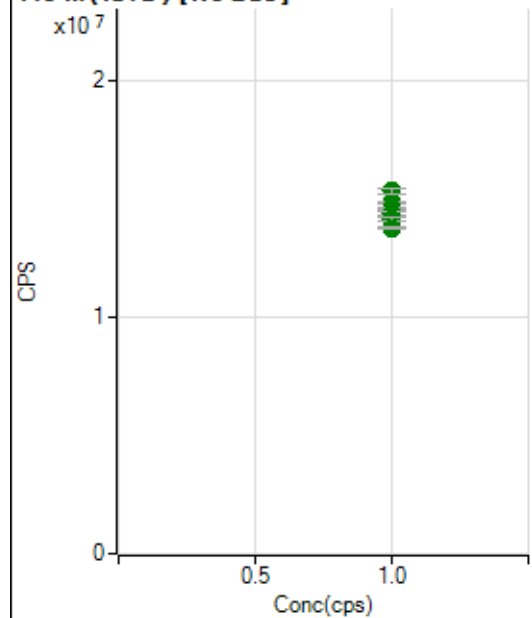
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4340461.12		P	0.5
2	☐	1.000		4368266.81		P	0.4
3	☐	1.000		4405710.87		P	0.7
4	☐	1.000		4365426.05		P	2.3
5	☐	1.000		4303908.65		P	0.8
6	☐	1.000		4287669.35		P	0.4
7	☐	1.000		4396431.57		P	0.6
8	☐	1.000		4514029.27		P	0.5

103 Rh(ISTD) [No Gas]

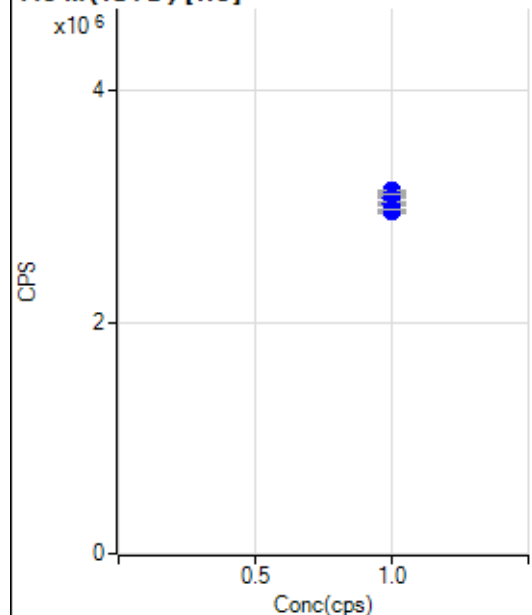
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13293520.78		A	1.0
2	☐	1.000		13674759.86		A	0.6
3	☐	1.000		13633979.13		A	0.3
4	☐	1.000		13973039.90		A	1.8
5	☐	1.000		13142733.11		A	0.3
6	☐	1.000		12832240.65		A	0.9
7	☐	1.000		12574414.34		A	0.5
8	☐	1.000		11834985.60		A	0.9

103 Rh (ISTD) [He]

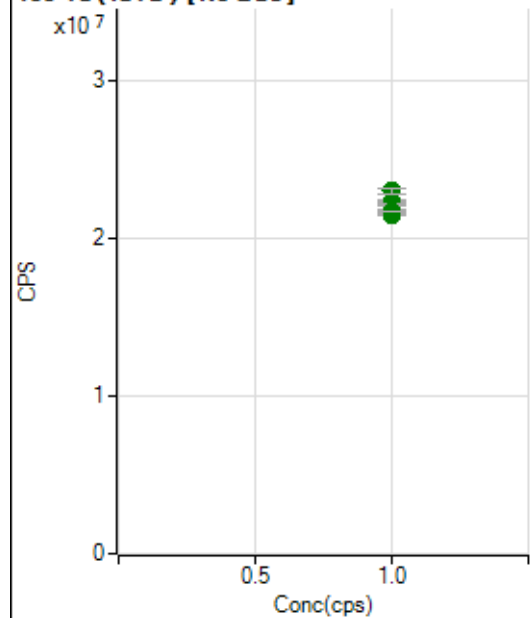
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7449304.33		A	0.3
2	☐	1.000		7670414.95		A	0.4
3	☐	1.000		7661071.90		A	0.3
4	☐	1.000		7523253.70		A	2.3
5	☐	1.000		7377017.32		A	0.7
6	☐	1.000		7249905.59		A	0.2
7	☐	1.000		7180575.38		A	0.6
8	☐	1.000		6842790.73		A	0.4

115 In (ISTD) [No Gas]

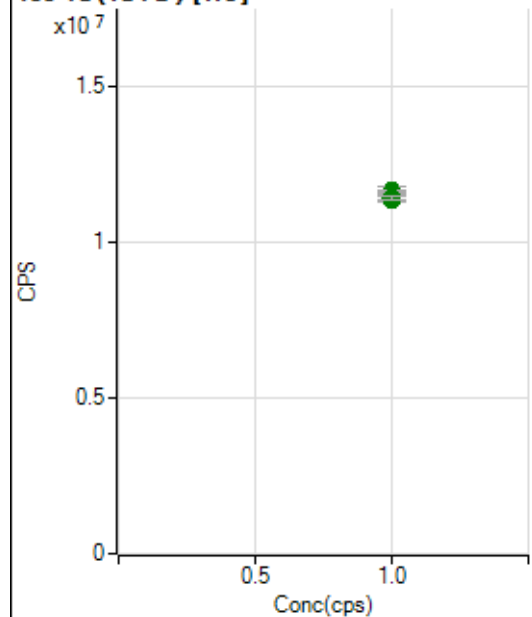
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14492323.68		A	0.3
2	☐	1.000		14863119.87		A	0.5
3	☐	1.000		14929682.92		A	0.2
4	☐	1.000		15367218.15		A	1.5
5	☐	1.000		14631996.80		A	0.3
6	☐	1.000		14392088.44		A	1.3
7	☐	1.000		14147765.79		A	0.9
8	☐	1.000		13801491.79		A	0.1

115 In (ISTD) [He]

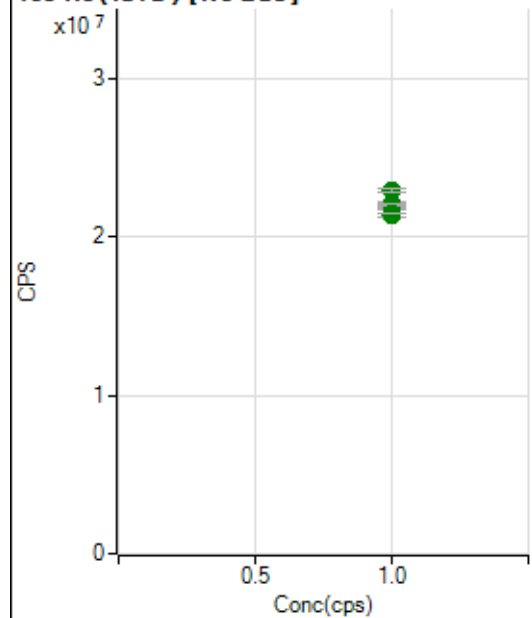
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3077417.90		P	0.6
2	☐	1.000		3117078.31		P	0.5
3	☐	1.000		3135704.56		P	0.2
4	☐	1.000		3067585.72		P	2.4
5	☐	1.000		3020388.04		P	0.9
6	☐	1.000		2973882.78		P	0.2
7	☐	1.000		2952629.71		P	0.6
8	☐	1.000		2975111.22		P	0.5

159 Tb (ISTD) [No Gas]

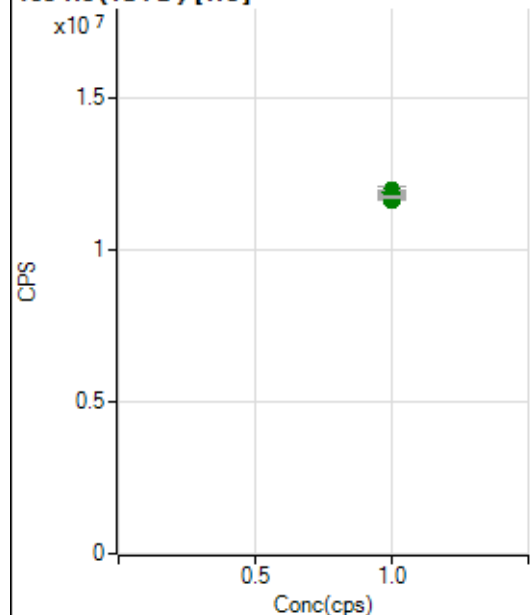
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21504989.96		A	0.6
2	☐	1.000		21881685.23		A	0.2
3	☐	1.000		22358029.67		A	0.4
4	☐	1.000		23023975.49		A	1.5
5	☐	1.000		22145399.39		A	0.3
6	☐	1.000		22156531.61		A	1.1
7	☐	1.000		22200514.39		A	0.5
8	☐	1.000		21695971.34		A	0.2

159 Tb (ISTD) [He]

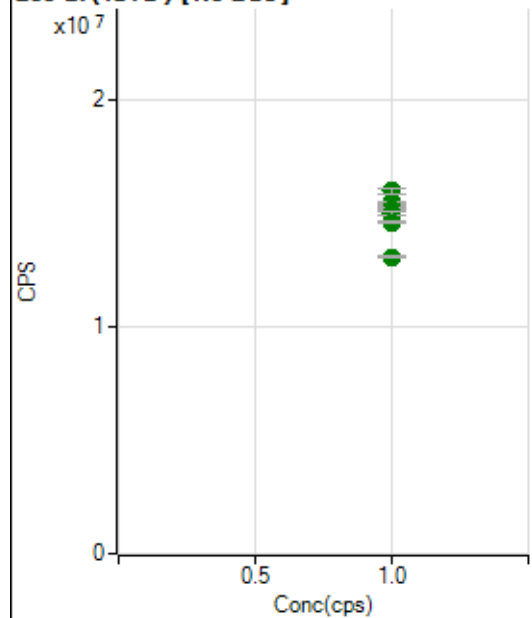
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11341937.75		A	0.5
2	☐	1.000		11589568.30		A	0.6
3	☐	1.000		11635360.94		A	0.1
4	☐	1.000		11620700.38		A	2.3
5	☐	1.000		11579488.99		A	0.7
6	☐	1.000		11519412.74		A	0.1
7	☐	1.000		11620248.85		A	0.5
8	☐	1.000		11413342.33		A	0.7

165 Ho (ISTD) [No Gas]

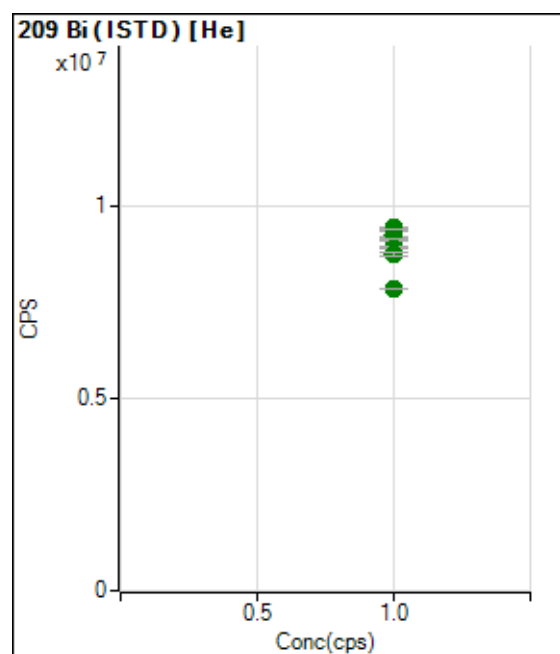
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21390057.77		A	0.8
2	☐	1.000		21809074.80		A	0.2
3	☐	1.000		22172002.41		A	0.4
4	☐	1.000		22925535.76		A	1.1
5	☐	1.000		22014408.65		A	0.5
6	☐	1.000		22025871.85		A	1.1
7	☐	1.000		22062220.46		A	0.4
8	☐	1.000		21526878.60		A	0.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11644321.63		A	0.3
2	☐	1.000		11883527.46		A	1.0
3	☐	1.000		11876464.13		A	0.4
4	☐	1.000		11944759.96		A	2.4
5	☐	1.000		11861823.85		A	0.6
6	☐	1.000		11845733.30		A	0.2
7	☐	1.000		11914824.96		A	1.0
8	☐	1.000		11747657.88		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15354691.02		A	0.4
2	☐	1.000		15510799.63		A	0.9
3	☐	1.000		15542194.35		A	0.3
4	☐	1.000		16022398.79		A	1.6
5	☐	1.000		15242776.02		A	0.6
6	☐	1.000		14996441.72		A	1.0
7	☐	1.000		14646863.25		A	0.4
8	☐	1.000		13116228.41		A	0.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9179541.39		A	0.4
2	☐	1.000		9428935.07		A	0.8
3	☐	1.000		9342926.95		A	0.2
4	☐	1.000		9259296.18		A	2.7
5	☐	1.000		9121743.75		A	0.3
6	☐	1.000		8905367.92		A	0.5
7	☐	1.000		8744220.22		A	0.7
8	☐	1.000		7852668.35		A	0.2

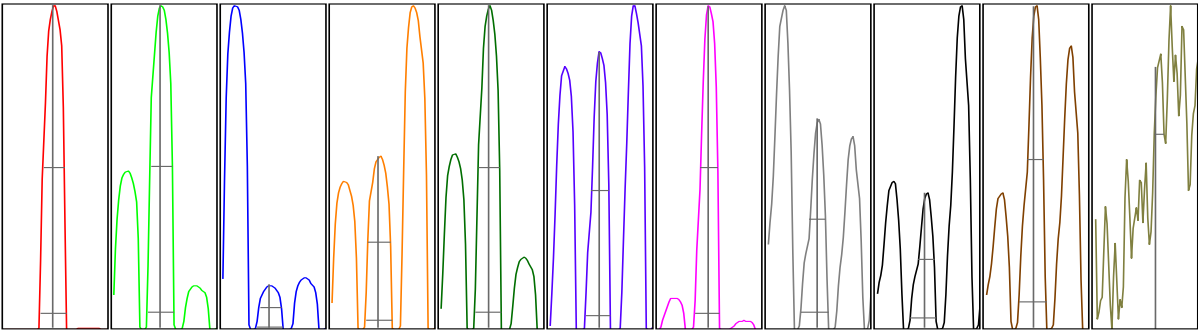
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7083019ICPMS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	8483	0.27	5.00	
24	113596	0.70	5.00	
25	15321	0.60	5.00	
26	18009	0.61	5.00	
59	103977	0.56	5.00	
113	16121	0.85	5.00	
115	191246	1.32	5.00	
206	53372	0.33	5.00	
207	49539	0.43	5.00	
208	116975	0.33	5.00	
220	74	7.06		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8467	8465	8521	8485	8478
24	113378	112723	113170	113893	114815
25	15207	15322	15255	15390	15430
26	17905	17886	18115	18028	18109
59	103545	103356	104483	103816	104685
113	16314	16103	16195	15970	16024
115	194746	192462	191236	189419	188367
206	53585	53111	53363	53323	53480
207	49499	49189	49621	49731	49654
208	117183	116677	116929	116573	117511
220	67	73	82	77	74

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	14193	8.95	8.9 - 9.1		0.781	0.900	
24	185124	23.90	23.9 - 24.1		0.784	0.900	
25	25092	24.90	24.9 - 25.1		0.782	0.900	
26	29297	25.90	25.9 - 26.1		0.784	0.900	
59	178643	58.95	58.9 - 59.1		0.775	0.900	
113	31131	113.00	112.9 - 113.1		0.727	0.900	
115	372889	115.00	114.9 - 115.1		0.719	0.900	
206	108000	206.00	205.9 - 206.1		0.793	0.900	
207	98144	206.95	206.9 - 207.1		0.742	0.900	
208	234151	207.95	207.9 - 208.1		0.785	0.900	
220	79	220.35	-				

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	7.0	V	Deflect	12.4	V
Extract 2	-120.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	140	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	32395	0.41	
89	42254	0.67	
205	54081	0.86	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	32232	32556	32479	32289	32421
89	42279	42721	42190	42012	42067
205	54236	54662	54135	53999	53372

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	1.0	V
Extract 2	-130.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	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 : LB104908 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 18:45:11 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	-0.02	-0.09	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	-0.07	0.16	-0.10	0.00	N/A	ppb
Boron	10-1	-0.24	0.24	0.00	0.00	N/A	ppb
Cadmium	106-1	-0.01	0.16	-0.15	0.00	N/A	ppb
Cadmium	108-1	0.01	0.01	-0.03	0.00	N/A	ppb
Cadmium	111-1	0.00	0.01	0.00	0.00	N/A	ppb
Calcium	43-1	-0.81	-0.59	1.40	0.00	N/A	ppb
Calcium	44-1	-1.79	1.50	0.29	0.00	N/A	ppb
Chromium	52-2	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-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	-0.01	0.04	-0.03	0.00	N/A	ppb
Iron	57-2	-0.11	0.30	-0.19	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.28	0.31	-0.03	0.00	N/A	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:45:11	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.02	-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	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-30.51	-34.76	-38.81	-34.69		ppb
Potassium	39-2	1.85	0.42	-2.27	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.10	0.07	0.03	0.00	N/A	ppb
Selenium	82-1	-0.31	0.18	0.13	0.00	N/A	ppb
Silicon	28-1	0.06	0.02	-0.08	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	0.63	-0.39	-0.24	0.00	N/A	ppb
Strontium	86-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	34.49	-132.10	-166.80	-88.14		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:45:11	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.03	-0.07	0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:48:47	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.65	18.96	17.96	18.85	4.50	ppb
Antimony	121-1	1.97	1.95	1.91	1.94	1.45	ppb
Arsenic	75-2	1.02	1.12	0.97	1.04	7.40	ppb
Barium	135-1	10.36	9.85	10.30	10.17	2.75	ppb
Barium	137-1	10.33	10.23	10.22	10.26	0.60	ppb
Beryllium	9-1	1.03	1.06	1.17	1.08	6.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	11-1	23.72	23.18	23.60	23.50	1.21	ppb
Boron	10-1	23.09	23.91	24.44	23.81	2.84	ppb
Cadmium	106-1	1.83	-0.23	1.48	1.03	107.78	ppb
Cadmium	108-1	1.15	0.97	1.06	1.06	8.58	ppb
Cadmium	111-1	1.08	0.99	1.03	1.03	4.47	ppb
Calcium	43-1	525.57	522.65	518.81	522.34	0.65	ppb
Calcium	44-1	491.36	500.50	502.64	498.17	1.20	ppb
Chromium	52-2	2.05	2.00	1.80	1.95	6.95	ppb
Cobalt	59-2	1.05	1.02	0.96	1.01	4.64	ppb
Copper	63-2	2.06	2.06	1.96	2.03	2.80	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				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	55.85	53.71	51.02	53.52	4.52	ppb
Iron	57-2	57.46	60.59	53.16	57.07	6.54	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.95	0.93	0.94	0.75	ppb
Lead	207-1	0.96	0.95	0.93	0.95	1.86	ppb
Lead	208-1	0.93	0.91	0.91	0.92	1.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	537.25	531.65	519.53	529.48	1.71	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:48:47	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.00	0.93	0.99	5.67	ppb
Molybdenum	94-1	4.81	4.69	4.62	4.71	2.07	ppb
Molybdenum	95-1	5.09	4.78	4.90	4.92	3.13	ppb
Molybdenum	96-1	4.90	4.94	4.83	4.89	1.08	ppb
Molybdenum	97-1	4.78	4.93	4.92	4.88	1.78	ppb
Molybdenum	98-1	4.94	4.93	4.68	4.85	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.14	1.02	1.08	5.65	ppb
Phosphorus	31-2	40.90	25.05	38.13	34.69	24.39	ppb
Potassium	39-2	502.39	486.52	487.46	492.12	1.81	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	5.68	4.66	5.47	5.27	10.23	ppb
Selenium	78-2	5.84	4.86	5.15	5.28	9.51	ppb
Selenium	82-1	5.23	5.63	5.40	5.42	3.72	ppb
Silicon	28-1	8.26	8.10	8.28	8.21	1.20	ppb
Silver	109-1	1.09	1.09	1.10	1.09	0.22	ppb
Silver	107-1	1.06	1.09	1.10	1.08	2.01	ppb
Sodium	23-2	514.12	509.79	500.25	508.05	1.40	ppb
Strontium	86-1	1.05	0.97	0.97	1.00	4.74	ppb
Strontium	88-1	1.00	0.99	0.98	0.99	0.92	ppb
Sulfur	34-1	131.36	45.51	87.54	88.14	48.71	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.92	0.97	0.89	0.93	4.18	ppb
Thallium	205-1	0.94	0.94	0.95	0.94	0.65	ppb
Thorium	232-1	0.78	0.77	0.79	0.78	1.21	ppb
Tin	118-1	5.17	5.27	5.14	5.19	1.33	ppb
Titanium	47-1	5.18	5.26	5.12	5.19	1.33	ppb
Uranium	238-1	0.92	0.92	0.89	0.91	1.65	ppb
Vanadium	51-2	5.27	5.04	4.79	5.04	4.82	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:48:47	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.46	2.54	2.25	2.42	6.13	ppb
Zirconium	90-1	0.86	0.81	0.81	0.83	3.31	ppb
Zirconium	91-1	0.89	0.88	0.80	0.86	5.73	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 18:53:38 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1013.67	1026.93	1035.46	1025.36	1.07	ppb
Antimony	121-1	50.51	50.91	50.56	50.66	0.42	ppb
Arsenic	75-2	53.04	52.83	53.14	53.00	0.29	ppb
Barium	135-1	253.96	256.83	252.77	254.52	0.82	ppb
Barium	137-1	254.48	255.50	253.63	254.54	0.37	ppb
Beryllium	9-1	52.28	52.21	52.64	52.37	0.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	11-1	48.62	48.33	49.78	48.91	1.57	ppb
Boron	10-1	48.74	48.45	49.26	48.82	0.84	ppb
Cadmium	106-1	50.25	52.04	51.50	51.27	1.80	ppb
Cadmium	108-1	53.25	52.42	52.50	52.72	0.87	ppb
Cadmium	111-1	53.01	53.53	52.73	53.09	0.76	ppb
Calcium	43-1	5240.00	5157.28	5237.30	5211.53	0.90	ppb
Calcium	44-1	5203.65	5213.88	5224.15	5213.90	0.20	ppb
Chromium	52-2	52.31	51.69	51.97	51.99	0.60	ppb
Cobalt	59-2	53.11	53.10	53.05	53.09	0.06	ppb
Copper	63-2	107.39	106.00	106.79	106.73	0.65	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				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	2711.16	2699.69	2711.03	2707.29	0.24	ppb
Iron	57-2	2695.21	2717.65	2710.43	2707.77	0.42	ppb
Krypton	83-1						cps
Lead	206-1	49.61	49.19	49.33	49.38	0.43	ppb
Lead	207-1	48.82	49.08	48.72	48.88	0.38	ppb
Lead	208-1	49.24	49.10	48.93	49.09	0.32	ppb
Lithium	6-1				101		%
Magnesium	24-2	5438.74	5442.86	5440.81	5440.80	0.04	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:53:38	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.06	102.97	103.12	103.38	0.57	ppb
Molybdenum	94-1	252.63	249.47	251.99	251.36	0.67	ppb
Molybdenum	95-1	249.06	246.92	251.99	249.32	1.02	ppb
Molybdenum	96-1	248.83	248.69	253.05	250.19	0.99	ppb
Molybdenum	97-1	248.91	246.93	253.20	249.68	1.28	ppb
Molybdenum	98-1	249.33	249.26	254.11	250.90	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.66	53.92	54.23	54.27	0.69	ppb
Phosphorus	31-2	1046.45	1035.21	1023.41	1035.02	1.11	ppb
Potassium	39-2	2547.48	2523.83	2520.67	2530.66	0.58	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	56.38	48.54	58.28	54.40	9.49	ppb
Selenium	78-2	55.32	53.61	51.95	53.63	3.15	ppb
Selenium	82-1	54.60	53.96	54.47	54.34	0.63	ppb
Silicon	28-1	45.23	45.13	45.96	45.44	1.00	ppb
Silver	109-1	53.45	53.21	52.47	53.04	0.96	ppb
Silver	107-1	53.05	52.83	52.94	52.94	0.21	ppb
Sodium	23-2	5338.48	5291.34	5315.60	5315.14	0.44	ppb
Strontium	86-1	51.06	50.98	50.91	50.98	0.15	ppb
Strontium	88-1	50.68	50.39	50.84	50.63	0.45	ppb
Sulfur	34-1	913.77	801.76	914.96	876.83	7.41	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	48.98	49.53	49.67	49.39	0.74	ppb
Thallium	205-1	49.38	48.90	49.43	49.24	0.60	ppb
Thorium	232-1	47.20	47.41	47.08	47.23	0.35	ppb
Tin	118-1	51.38	51.82	50.60	51.27	1.21	ppb
Titanium	47-1	255.35	250.68	252.27	252.77	0.94	ppb
Uranium	238-1	48.10	48.32	47.52	47.98	0.86	ppb
Vanadium	51-2	51.28	50.45	51.00	50.91	0.83	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:53:38	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	110.12	111.54	111.21	110.96	0.67	ppb
Zirconium	90-1	49.83	50.13	50.41	50.12	0.58	ppb
Zirconium	91-1	50.55	50.36	50.28	50.40	0.28	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:57:42	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2639.76	2518.71	2531.87	2563.45	2.59	ppb
Antimony	121-1	120.60	122.24	123.89	122.24	1.34	ppb
Arsenic	75-2	132.38	127.71	128.60	129.56	1.91	ppb
Barium	135-1	605.03	619.87	618.11	614.34	1.32	ppb
Barium	137-1	609.43	611.60	616.97	612.67	0.63	ppb
Beryllium	9-1	121.97	124.36	126.50	124.28	1.82	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	11-1	113.94	117.71	122.05	117.90	3.44	ppb
Boron	10-1	115.96	121.73	124.64	120.78	3.66	ppb
Cadmium	106-1	124.66	127.44	128.15	126.75	1.46	ppb
Cadmium	108-1	125.19	124.80	130.73	126.91	2.61	ppb
Cadmium	111-1	125.02	126.50	127.93	126.49	1.15	ppb
Calcium	43-1	12166.22	12229.29	12551.23	12315.58	1.68	ppb
Calcium	44-1	12201.74	12277.90	12458.34	12312.66	1.07	ppb
Chromium	52-2	134.63	127.33	127.76	129.91	3.15	ppb
Cobalt	59-2	137.11	129.82	129.56	132.16	3.24	ppb
Copper	63-2	272.68	257.22	258.76	262.89	3.24	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				107		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	7030.84	6657.68	6622.23	6770.25	3.34	ppb
Iron	57-2	6972.94	6629.93	6608.55	6737.14	3.04	ppb
Krypton	83-1						cps
Lead	206-1	116.63	119.46	121.80	119.30	2.17	ppb
Lead	207-1	116.38	118.28	119.52	118.06	1.34	ppb
Lead	208-1	117.12	119.11	120.97	119.07	1.62	ppb
Lithium	6-1				102		%
Magnesium	24-2	14116.09	13392.26	13495.13	13667.83	2.87	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:57:42	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	267.96	253.52	254.15	258.54	3.16	ppb
Molybdenum	94-1	604.55	614.14	624.69	614.46	1.64	ppb
Molybdenum	95-1	600.80	611.25	623.50	611.85	1.86	ppb
Molybdenum	96-1	599.09	612.26	625.47	612.27	2.15	ppb
Molybdenum	97-1	600.41	606.69	620.90	609.34	1.72	ppb
Molybdenum	98-1	600.04	612.30	622.26	611.54	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.57	132.03	130.71	134.44	3.98	ppb
Phosphorus	31-2	2720.64	2552.26	2531.91	2601.60	3.98	ppb
Potassium	39-2	6553.36	6244.39	6259.90	6352.55	2.74	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	77-2	128.13	133.82	137.96	133.30	3.70	ppb
Selenium	78-2	141.04	136.42	132.37	136.61	3.18	ppb
Selenium	82-1	127.09	130.22	133.40	130.23	2.42	ppb
Silicon	28-1	110.20	110.11	114.05	111.45	2.02	ppb
Silver	109-1	125.12	126.80	128.99	126.97	1.53	ppb
Silver	107-1	127.04	128.96	129.15	128.38	0.91	ppb
Sodium	23-2	13758.51	13135.24	13147.40	13347.05	2.67	ppb
Strontium	86-1	119.58	123.15	126.40	123.04	2.77	ppb
Strontium	88-1	120.20	122.37	124.04	122.20	1.58	ppb
Sulfur	34-1	1942.53	1864.21	2181.32	1996.02	8.28	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	116.02	118.73	121.70	118.82	2.39	ppb
Thallium	205-1	117.51	119.70	121.84	119.68	1.81	ppb
Thorium	232-1	113.32	115.59	116.43	115.11	1.40	ppb
Tin	118-1	121.10	124.29	125.87	123.75	1.96	ppb
Titanium	47-1	601.45	599.75	610.74	603.98	0.98	ppb
Uranium	238-1	114.27	116.89	117.08	116.08	1.36	ppb
Vanadium	51-2	131.81	125.71	125.23	127.58	2.87	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:57:42	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	279.57	264.98	265.01	269.85	3.12	ppb
Zirconium	90-1	119.44	120.68	123.44	121.18	1.69	ppb
Zirconium	91-1	120.63	123.02	124.57	122.74	1.62	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:01:33	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5075.19	4999.73	5025.97	5033.63	0.76	ppb
Antimony	121-1	251.73	251.60	252.12	251.82	0.11	ppb
Arsenic	75-2	255.84	252.36	259.29	255.83	1.35	ppb
Barium	135-1	1262.14	1249.84	1271.52	1261.17	0.86	ppb
Barium	137-1	1264.21	1256.14	1267.52	1262.62	0.46	ppb
Beryllium	9-1	253.70	252.18	254.41	253.43	0.45	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	11-1	241.11	248.64	250.47	246.74	2.01	ppb
Boron	10-1	243.39	248.73	250.16	247.42	1.44	ppb
Cadmium	106-1	252.57	254.76	260.51	255.95	1.60	ppb
Cadmium	108-1	258.64	257.03	258.47	258.05	0.34	ppb
Cadmium	111-1	258.53	257.03	260.83	258.80	0.74	ppb
Calcium	43-1	25370.78	24904.18	25458.97	25244.64	1.18	ppb
Calcium	44-1	25475.75	25141.90	25567.37	25395.00	0.88	ppb
Chromium	52-2	258.89	253.32	254.78	255.66	1.13	ppb
Cobalt	59-2	264.24	260.36	258.72	261.11	1.09	ppb
Copper	63-2	520.96	511.44	509.74	514.05	1.18	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				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	13544.68	13214.45	13302.25	13353.79	1.28	ppb
Iron	57-2	13410.21	13233.92	13275.00	13306.38	0.69	ppb
Krypton	83-1						cps
Lead	206-1	248.63	247.42	245.05	247.03	0.74	ppb
Lead	207-1	245.47	245.81	243.16	244.81	0.59	ppb
Lead	208-1	248.33	247.46	246.32	247.37	0.41	ppb
Lithium	6-1				96		%
Magnesium	24-2	27402.12	26720.16	26893.25	27005.18	1.31	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:01:33	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	515.92	510.06	509.35	511.78	0.70	ppb
Molybdenum	94-1	1251.43	1257.39	1256.54	1255.12	0.26	ppb
Molybdenum	95-1	1262.02	1252.95	1262.62	1259.20	0.43	ppb
Molybdenum	96-1	1250.05	1244.38	1264.23	1252.89	0.82	ppb
Molybdenum	97-1	1258.41	1237.97	1270.20	1255.53	1.30	ppb
Molybdenum	98-1	1257.56	1247.14	1268.02	1257.57	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.93	261.58	261.43	262.98	0.97	ppb
Phosphorus	31-2	5281.61	5147.96	5306.53	5245.37	1.63	ppb
Potassium	39-2	12752.11	12554.72	12600.76	12635.86	0.82	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	269.26	244.33	272.03	261.87	5.83	ppb
Selenium	78-2	263.12	266.09	264.22	264.48	0.57	ppb
Selenium	82-1	263.86	263.28	265.90	264.35	0.52	ppb
Silicon	28-1	234.67	233.80	237.26	235.24	0.77	ppb
Silver	109-1	257.78	255.87	259.44	257.69	0.69	ppb
Silver	107-1	258.00	257.63	260.77	258.80	0.66	ppb
Sodium	23-2	27080.36	26333.72	26411.62	26608.57	1.54	ppb
Strontium	86-1	253.63	252.69	254.52	253.61	0.36	ppb
Strontium	88-1	251.62	249.31	253.35	251.42	0.81	ppb
Sulfur	34-1	5052.41	4742.53	5041.24	4945.39	3.55	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	251.45	246.77	247.24	248.48	1.04	ppb
Thallium	205-1	250.01	248.45	247.23	248.56	0.56	ppb
Thorium	232-1	243.38	243.22	242.67	243.09	0.15	ppb
Tin	118-1	254.76	254.77	252.99	254.18	0.40	ppb
Titanium	47-1	1259.97	1242.13	1270.21	1257.44	1.13	ppb
Uranium	238-1	243.21	243.18	243.74	243.38	0.13	ppb
Vanadium	51-2	256.28	250.74	250.35	252.45	1.31	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:01:33	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	534.80	521.97	527.68	528.15	1.22	ppb
Zirconium	90-1	250.01	250.52	252.70	251.08	0.57	ppb
Zirconium	91-1	250.36	253.67	252.18	252.07	0.66	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:05:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10009.20	10009.38	9967.29	9995.29	0.24	ppb
Antimony	121-1	506.65	504.73	500.69	504.02	0.60	ppb
Arsenic	75-2	503.40	503.79	505.21	504.13	0.19	ppb
Barium	135-1	2508.47	2547.28	2490.37	2515.37	1.16	ppb
Barium	137-1	2524.74	2539.21	2496.10	2520.02	0.87	ppb
Beryllium	9-1	512.39	501.96	504.20	506.18	1.09	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	11-1	490.42	493.45	496.59	493.49	0.63	ppb
Boron	10-1	494.02	493.72	493.33	493.69	0.07	ppb
Cadmium	106-1	515.38	508.98	497.15	507.17	1.82	ppb
Cadmium	108-1	499.32	503.59	498.06	500.32	0.58	ppb
Cadmium	111-1	503.54	511.62	497.13	504.10	1.44	ppb
Calcium	43-1	51227.95	50559.09	50586.26	50791.10	0.75	ppb
Calcium	44-1	51346.12	50916.51	50973.73	51078.79	0.46	ppb
Chromium	52-2	508.84	507.47	509.31	508.54	0.19	ppb
Cobalt	59-2	512.80	511.47	515.06	513.11	0.35	ppb
Copper	63-2	1011.02	1000.14	1005.86	1005.68	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				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	26742.60	26142.02	26492.84	26459.16	1.14	ppb
Iron	57-2	26666.43	26048.82	26364.62	26359.96	1.17	ppb
Krypton	83-1						cps
Lead	206-1	504.19	500.19	496.95	500.44	0.72	ppb
Lead	207-1	497.00	491.23	489.46	492.57	0.80	ppb
Lead	208-1	501.76	497.57	495.82	498.38	0.61	ppb
Lithium	6-1				92		%
Magnesium	24-2	53867.18	53046.86	53361.19	53425.08	0.77	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:05:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1021.55	1011.66	1014.96	1016.06	0.50	ppb
Molybdenum	94-1	2503.06	2484.27	2512.48	2499.94	0.57	ppb
Molybdenum	95-1	2506.00	2471.14	2497.76	2491.63	0.73	ppb
Molybdenum	96-1	2532.74	2489.05	2499.67	2507.16	0.91	ppb
Molybdenum	97-1	2545.35	2504.03	2520.17	2523.18	0.83	ppb
Molybdenum	98-1	2535.28	2508.23	2509.51	2517.67	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.29	513.16	514.95	515.13	0.40	ppb
Phosphorus	31-2	10176.88	10420.33	10295.62	10297.61	1.18	ppb
Potassium	39-2	25290.75	25165.64	25201.48	25219.29	0.26	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	518.10	521.71	538.99	526.27	2.12	ppb
Selenium	78-2	519.91	517.24	518.81	518.66	0.26	ppb
Selenium	82-1	517.11	515.51	519.22	517.28	0.36	ppb
Silicon	28-1	476.95	469.21	473.96	473.37	0.82	ppb
Silver	109-1	502.70	504.22	493.75	500.22	1.13	ppb
Silver	107-1	505.01	506.74	497.11	502.95	1.02	ppb
Sodium	23-2	53039.87	52294.98	52565.96	52633.60	0.72	ppb
Strontium	86-1	508.20	501.15	505.00	504.78	0.70	ppb
Strontium	88-1	502.49	496.99	503.30	500.93	0.69	ppb
Sulfur	34-1	10274.12	9966.32	10090.41	10110.28	1.53	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	501.96	499.45	496.51	499.31	0.55	ppb
Thallium	205-1	499.52	497.49	495.24	497.41	0.43	ppb
Thorium	232-1	497.20	492.53	492.32	494.02	0.56	ppb
Tin	118-1	504.81	505.26	497.92	502.66	0.82	ppb
Titanium	47-1	2525.38	2509.83	2505.13	2513.45	0.42	ppb
Uranium	238-1	501.60	494.05	488.92	494.86	1.29	ppb
Vanadium	51-2	505.82	503.78	505.44	505.01	0.22	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:05:20	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1032.71	1020.75	1027.33	1026.93	0.58	ppb
Zirconium	90-1	503.21	503.12	501.11	502.48	0.24	ppb
Zirconium	91-1	502.44	498.27	499.24	499.98	0.44	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:09:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19764.93	19948.14	19558.39	19757.15	0.99	ppb
Antimony	121-1	996.21	1000.30	997.03	997.85	0.22	ppb
Arsenic	75-2	1000.23	992.45	994.59	995.75	0.40	ppb
Barium	135-1	4971.57	5007.04	4993.28	4990.63	0.36	ppb
Barium	137-1	4955.80	4994.86	5013.79	4988.15	0.59	ppb
Beryllium	9-1	991.14	1000.89	996.04	996.02	0.49	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	11-1	981.31	1015.53	1018.32	1005.05	2.05	ppb
Boron	10-1	977.15	1025.05	1011.05	1004.42	2.45	ppb
Cadmium	106-1	999.42	999.02	985.50	994.65	0.80	ppb
Cadmium	108-1	994.91	1006.04	991.40	997.45	0.77	ppb
Cadmium	111-1	992.24	999.18	994.82	995.41	0.35	ppb
Calcium	43-1	102875.75	103302.86	102092.88	102757.16	0.60	ppb
Calcium	44-1	103231.38	103281.67	102726.83	103079.96	0.30	ppb
Chromium	52-2	997.56	999.25	983.99	993.60	0.84	ppb
Cobalt	59-2	995.99	989.58	983.29	989.62	0.64	ppb
Copper	63-2	2009.83	1998.19	1967.09	1991.70	1.11	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				102		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	51736.53	52009.65	51723.32	51823.17	0.31	ppb
Iron	57-2	51923.26	51854.73	51251.43	51676.47	0.72	ppb
Krypton	83-1						cps
Lead	206-1	996.21	1003.72	1003.87	1001.26	0.44	ppb
Lead	207-1	1004.46	1006.48	1006.87	1005.94	0.13	ppb
Lead	208-1	1002.19	999.83	1004.74	1002.25	0.24	ppb
Lithium	6-1				90		%
Magnesium	24-2	105587.50	105403.10	103056.82	104682.48	1.35	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:09:06	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1981.45	1998.76	1983.16	1987.79	0.48	ppb
Molybdenum	94-1	5028.22	4992.68	4979.10	5000.00	0.51	ppb
Molybdenum	95-1	4998.21	4996.76	5015.72	5003.56	0.21	ppb
Molybdenum	96-1	4995.24	5019.80	4976.80	4997.28	0.43	ppb
Molybdenum	97-1	4978.49	5030.75	4957.77	4989.00	0.75	ppb
Molybdenum	98-1	4999.42	5010.47	4962.83	4990.91	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.26	992.81	980.32	987.80	0.67	ppb
Phosphorus	31-2	19508.74	20051.65	19765.81	19775.40	1.37	ppb
Potassium	39-2	50064.75	50262.97	49741.33	50023.02	0.53	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	1001.41	955.86	990.65	982.64	2.42	ppb
Selenium	78-2	992.54	982.17	981.54	985.42	0.63	ppb
Selenium	82-1	990.86	989.25	980.59	986.90	0.56	ppb
Silicon	28-1	1014.62	1029.70	1012.51	1018.94	0.92	ppb
Silver	109-1	1000.07	997.10	995.53	997.57	0.23	ppb
Silver	107-1	991.60	1002.65	993.02	995.75	0.60	ppb
Sodium	23-2	104615.92	104503.18	102699.29	103939.46	1.03	ppb
Strontium	86-1	1003.87	995.95	990.89	996.90	0.66	ppb
Strontium	88-1	1003.40	998.04	997.05	999.50	0.34	ppb
Sulfur	34-1	20138.65	20245.58	19698.76	20027.67	1.45	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	999.95	998.35	1006.29	1001.53	0.42	ppb
Thallium	205-1	1000.92	1000.55	1005.60	1002.36	0.28	ppb
Thorium	232-1	1003.79	1009.71	1004.79	1006.09	0.32	ppb
Tin	118-1	998.85	998.06	996.24	997.72	0.13	ppb
Titanium	47-1	5003.39	5001.88	4976.45	4993.91	0.30	ppb
Uranium	238-1	999.72	1007.50	1009.10	1005.44	0.50	ppb
Vanadium	51-2	1003.00	998.53	988.00	996.51	0.77	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:09:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1966.79	1987.68	1974.94	1976.47	0.53	ppb
Zirconium	90-1	1003.16	997.86	995.87	998.96	0.38	ppb
Zirconium	91-1	1005.71	996.52	997.03	999.75	0.52	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:12:54	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99836.40	99731.70	100568.46	100045.52	0.46	ppb
Antimony	121-1	1.42	1.45	1.52	1.46	3.71	ppb
Arsenic	75-2	1.47	1.42	1.55	1.48	4.27	ppb
Barium	135-1	0.91	0.86	0.72	0.83	11.73	ppb
Barium	137-1	0.86	0.87	0.78	0.84	6.14	ppb
Beryllium	9-1	0.25	0.18	0.18	0.20	21.44	ppb
Bismuth	209-1				85		%
Bismuth	209-2				86		%
Boron	11-1	48.72	46.30	43.81	46.27	5.31	ppb
Boron	10-1	49.98	45.66	43.48	46.37	7.13	ppb
Cadmium	106-1	0.67	2.24	3.66	2.19	68.16	ppb
Cadmium	108-1	0.22	0.29	0.32	0.27	18.15	ppb
Cadmium	111-1	0.21	0.32	0.43	0.32	34.14	ppb
Calcium	43-1	503752.98	502363.75	491962.37	499359.70	1.29	ppb
Calcium	44-1	503657.04	499806.21	494313.53	499258.93	0.94	ppb
Chromium	52-2	25.68	25.80	25.40	25.63	0.80	ppb
Cobalt	59-2	11.55	11.67	11.32	11.52	1.55	ppb
Copper	63-2	4.21	4.31	4.19	4.24	1.62	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				101		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	249286.18	250980.11	248028.75	249431.68	0.59	ppb
Iron	57-2	249026.60	252049.64	247346.17	249474.13	0.96	ppb
Krypton	83-1						cps
Lead	206-1	0.56	0.54	0.52	0.54	3.17	ppb
Lead	207-1	0.52	0.53	0.53	0.53	1.08	ppb
Lead	208-1	0.54	0.55	0.53	0.54	1.99	ppb
Lithium	6-1				83		%
Magnesium	24-2	497259.21	500393.49	498108.62	498587.11	0.33	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:12:54	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.31	6.29	6.30	6.30	0.20	ppb
Molybdenum	94-1	3.43	3.42	3.37	3.41	0.85	ppb
Molybdenum	95-1	4.30	4.15	4.02	4.16	3.37	ppb
Molybdenum	96-1	4.24	4.23	4.22	4.23	0.27	ppb
Molybdenum	97-1	4.20	4.21	4.07	4.16	1.85	ppb
Molybdenum	98-1	4.21	4.06	4.07	4.11	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.17	25.86	24.88	25.31	2.00	ppb
Phosphorus	31-2	-9.26	-20.49	-20.88	-16.88		ppb
Potassium	39-2	250454.65	250157.97	249278.84	249963.82	0.24	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				109		%
Selenium	77-2	0.75	0.50	0.25	0.50	50.22	ppb
Selenium	78-2	0.50	0.38	0.49	0.46	15.02	ppb
Selenium	82-1	0.39	0.24	0.24	0.29	29.10	ppb
Silicon	28-1	26.72	27.09	26.59	26.80	0.98	ppb
Silver	109-1	0.11	0.12	0.09	0.11	10.83	ppb
Silver	107-1	0.13	0.11	0.08	0.11	20.05	ppb
Sodium	23-2	497797.47	501497.02	497237.46	498843.98	0.46	ppb
Strontium	86-1	4.14	4.13	4.12	4.13	0.22	ppb
Strontium	88-1	4.12	4.08	4.09	4.09	0.49	ppb
Sulfur	34-1	120.78	165.16	241.55	175.83	34.74	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.32	0.28	0.25	0.28	12.47	ppb
Thallium	205-1	0.31	0.29	0.25	0.28	10.55	ppb
Thorium	232-1	0.22	0.21	0.20	0.21	3.66	ppb
Tin	118-1	0.50	0.45	0.43	0.46	7.79	ppb
Titanium	47-1	1.35	1.11	1.15	1.20	10.81	ppb
Uranium	238-1	0.13	0.11	0.09	0.11	16.84	ppb
Vanadium	51-2	0.21	0.21	0.19	0.20	7.46	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:12:54	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.17	15.64	15.19	15.33	1.77	ppb
Zirconium	90-1	0.28	0.25	0.23	0.25	9.95	ppb
Zirconium	91-1	0.25	0.30	0.21	0.26	17.75	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:20:20	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	509.49	485.44	494.65	496.53	2.44	ppb
Antimony	121-1	197.19	193.50	195.50	195.40	0.95	ppb
Arsenic	75-2	203.43	202.79	203.56	203.26	0.20	ppb
Barium	135-1	99.14	98.20	98.12	98.49	0.57	ppb
Barium	137-1	99.46	97.72	97.52	98.23	1.08	ppb
Beryllium	9-1	101.66	100.38	102.29	101.44	0.96	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	11-1	12.66	12.51	12.14	12.44	2.15	ppb
Boron	10-1	13.23	12.64	14.10	13.33	5.49	ppb
Cadmium	106-1	83.46	81.34	81.92	82.24	1.34	ppb
Cadmium	108-1	86.27	85.71	86.57	86.19	0.51	ppb
Cadmium	111-1	102.31	101.28	99.67	101.09	1.32	ppb
Calcium	43-1	1976.77	1966.84	1943.39	1962.34	0.87	ppb
Calcium	44-1	1979.73	1972.23	1949.56	1967.17	0.80	ppb
Chromium	52-2	97.19	96.35	97.21	96.91	0.51	ppb
Cobalt	59-2	100.31	99.81	99.88	100.00	0.27	ppb
Copper	63-2	101.08	100.07	100.71	100.62	0.50	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				107		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	1024.40	1012.59	1017.15	1018.05	0.59	ppb
Iron	57-2	1032.47	1017.31	1035.34	1028.37	0.94	ppb
Krypton	83-1						cps
Lead	206-1	189.39	189.28	190.54	189.74	0.37	ppb
Lead	207-1	186.09	184.94	188.51	186.51	0.97	ppb
Lead	208-1	192.66	192.39	194.20	193.08	0.51	ppb
Lithium	6-1				97		%
Magnesium	24-2	1255.09	1242.62	1244.49	1247.40	0.54	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:20:20	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.78	94.98	96.05	95.61	0.59	ppb
Molybdenum	94-1	0.16	0.15	0.15	0.15	2.99	ppb
Molybdenum	95-1	0.16	0.12	0.12	0.14	14.51	ppb
Molybdenum	96-1	0.16	0.14	0.18	0.16	12.53	ppb
Molybdenum	97-1	0.16	0.16	0.14	0.15	7.48	ppb
Molybdenum	98-1	0.14	0.17	0.15	0.15	10.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.05	102.50	103.57	103.37	0.77	ppb
Phosphorus	31-2	-17.97	-21.52	-27.43	-22.31		ppb
Potassium	39-2	1983.02	1980.82	1995.25	1986.36	0.39	ppb
Rhodium	103-1				108		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	77-2	202.38	212.85	212.63	209.29	2.86	ppb
Selenium	78-2	205.14	204.37	212.93	207.48	2.28	ppb
Selenium	82-1	210.74	209.08	208.87	209.56	0.49	ppb
Silicon	28-1	2.59	2.35	2.26	2.40	7.10	ppb
Silver	109-1	95.67	94.53	93.49	94.56	1.15	ppb
Silver	107-1	94.71	93.49	94.56	94.25	0.71	ppb
Sodium	23-2	2064.91	2055.78	2044.02	2054.90	0.51	ppb
Strontium	86-1	2.35	2.19	2.30	2.28	3.77	ppb
Strontium	88-1	2.24	2.24	2.22	2.23	0.62	ppb
Sulfur	34-1	328.98	440.32	237.50	335.60	30.27	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	211.62	210.36	214.94	212.31	1.11	ppb
Thallium	205-1	212.29	213.64	213.57	213.17	0.36	ppb
Thorium	232-1	0.03	0.04	0.04	0.04	9.97	ppb
Tin	118-1	0.11	0.10	0.11	0.11	8.54	ppb
Titanium	47-1	0.21	0.17	0.14	0.17	20.93	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	96.20	95.45	96.80	96.15	0.70	ppb
Yttrium	89-1				109		%
Yttrium	89-2				110		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:20:20	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	207.57	206.18	207.56	207.10	0.39	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	52.14	ppb
Zirconium	91-1	0.17	0.12	0.15	0.15	15.25	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 19:30:35 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	0.00	-0.17	-0.07		ppb
Antimony	121-1	0.04	0.05	0.06	0.05	14.40	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	1143.49	ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.03	0.02	0.02	47.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	11-1	5.00	4.55	4.98	4.85	5.22	ppb
Boron	10-1	5.52	5.12	5.57	5.40	4.60	ppb
Cadmium	106-1	1.57	-0.23	0.08	0.48	202.94	ppb
Cadmium	108-1	-0.03	-0.02	-0.01	-0.02		ppb
Cadmium	111-1	0.12	-0.02	0.02	0.04	192.63	ppb
Calcium	43-1	0.41	-0.06	0.86	0.40	115.31	ppb
Calcium	44-1	-3.00	-2.20	-1.44	-2.21		ppb
Chromium	52-2	0.01	-0.03	-0.02	-0.01		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.01	0.00	-0.03	-0.01		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				107		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				109		%
Iron	56-2	0.06	0.24	0.11	0.14	65.14	ppb
Iron	57-2	0.05	0.00	0.37	0.14	144.59	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	13.20	ppb
Lead	207-1	0.02	0.00	0.02	0.01	75.32	ppb
Lead	208-1	0.01	0.01	0.02	0.01	40.60	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.20	0.36	0.17	0.25	40.15	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:30:35	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.03	0.05	0.03	0.04	24.37	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	8.42	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.02	29.86	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	20.46	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	14.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.04	-0.06	-0.06		ppb
Phosphorus	31-2	-25.32	-30.07	-28.94	-28.11		ppb
Potassium	39-2	7.87	10.35	10.63	9.62	15.79	ppb
Rhodium	103-1				110		%
Rhodium	103-2				112		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	77-2	0.00	0.24	0.00	0.08	173.21	ppb
Selenium	78-2	-0.13	0.03	0.31	0.07	307.81	ppb
Selenium	82-1	-0.08	-0.26	-0.29	-0.21		ppb
Silicon	28-1	0.02	0.02	0.07	0.04	72.35	ppb
Silver	109-1	0.01	0.01	0.02	0.01	64.44	ppb
Silver	107-1	0.00	0.00	0.02	0.01	90.68	ppb
Sodium	23-2	14.40	15.08	16.76	15.42	7.89	ppb
Strontium	86-1	0.04	-0.02	-0.01	0.01	648.59	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	207.08	118.61	269.64	198.44	38.24	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	0.03	0.02	72.66	ppb
Thallium	205-1	0.02	0.01	0.02	0.01	11.93	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	18.87	ppb
Tin	118-1	0.05	0.01	0.04	0.03	57.77	ppb
Titanium	47-1	-0.02	-0.03	-0.02	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:30:35	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.11	0.02	-0.10	-0.06		ppb
Zirconium	90-1	0.01	0.00	0.01	0.00	92.55	ppb
Zirconium	91-1	-0.01	-0.02	0.00	-0.01		ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:34:12	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91706.46	90641.36	90706.09	91017.97	0.66	ppb
Antimony	121-1	1.11	1.10	1.11	1.11	0.50	ppb
Arsenic	75-2	0.30	0.37	0.34	0.34	11.04	ppb
Barium	135-1	1.37	1.46	1.39	1.41	3.35	ppb
Barium	137-1	1.38	1.40	1.39	1.39	1.00	ppb
Beryllium	9-1	0.31	0.26	0.26	0.28	10.19	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	11-1	7.49	8.15	6.93	7.52	8.17	ppb
Boron	10-1	7.01	6.70	7.49	7.07	5.58	ppb
Cadmium	106-1	0.02	-1.37	-1.82	-1.06		ppb
Cadmium	108-1	21.12	20.65	20.91	20.89	1.14	ppb
Cadmium	111-1	0.76	0.67	0.61	0.68	11.26	ppb
Calcium	43-1	98060.25	97973.96	97763.86	97932.69	0.16	ppb
Calcium	44-1	98852.97	98576.80	99158.79	98862.85	0.29	ppb
Chromium	52-2	19.43	19.51	19.28	19.41	0.62	ppb
Cobalt	59-2	1.14	1.16	1.12	1.14	2.04	ppb
Copper	63-2	7.51	7.41	7.46	7.46	0.63	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				106		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	102527.59	102058.43	102304.08	102296.70	0.23	ppb
Iron	57-2	101232.75	100725.15	101620.84	101192.92	0.44	ppb
Krypton	83-1						cps
Lead	206-1	5.76	5.89	5.68	5.78	1.85	ppb
Lead	207-1	5.37	5.24	5.12	5.24	2.33	ppb
Lead	208-1	5.62	5.60	5.49	5.57	1.28	ppb
Lithium	6-1				91		%
Magnesium	24-2	105058.68	103199.05	103509.28	103922.34	0.96	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:34:12	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.55	7.78	7.72	7.68	1.55	ppb
Molybdenum	94-1	1296.89	1271.10	1273.17	1280.39	1.12	ppb
Molybdenum	95-1	1822.92	1792.45	1777.63	1797.67	1.28	ppb
Molybdenum	96-1	1752.98	1735.46	1709.95	1732.79	1.25	ppb
Molybdenum	97-1	1823.44	1795.84	1788.62	1802.63	1.02	ppb
Molybdenum	98-1	1821.99	1784.81	1798.62	1801.80	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.32	5.18	5.20	5.23	1.42	ppb
Phosphorus	31-2	97927.21	96595.31	98041.74	97521.42	0.82	ppb
Potassium	39-2	101169.59	100894.75	101490.28	101184.87	0.29	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				113		%
Selenium	77-2	0.48	0.24	0.48	0.40	34.72	ppb
Selenium	78-2	0.01	0.36	0.28	0.22	86.00	ppb
Selenium	82-1	-0.11	-0.24	-0.44	-0.26		ppb
Silicon	28-1	19.20	19.59	19.24	19.34	1.11	ppb
Silver	109-1	0.03	0.04	0.04	0.04	6.79	ppb
Silver	107-1	0.02	0.03	0.04	0.03	25.02	ppb
Sodium	23-2	104641.69	103621.44	102973.37	103745.50	0.81	ppb
Strontium	86-1	34.27	33.45	33.50	33.74	1.36	ppb
Strontium	88-1	33.54	33.34	33.11	33.33	0.63	ppb
Sulfur	34-1	80479.45	81841.89	79778.08	80699.81	1.30	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.14	0.14	0.17	0.15	14.06	ppb
Thallium	205-1	0.14	0.15	0.17	0.15	10.73	ppb
Thorium	232-1	0.03	0.03	0.02	0.03	4.85	ppb
Tin	118-1	0.16	0.18	0.18	0.17	6.43	ppb
Titanium	47-1	1962.88	1984.38	1999.33	1982.19	0.92	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	14.11	ppb
Vanadium	51-2	0.17	0.18	0.14	0.16	12.59	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:34:12	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.75	11.70	12.12	11.85	1.92	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	21.26	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	50.48	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:39:41	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90589.01	91659.81	91974.85	91407.89	0.79	ppb
Antimony	121-1	20.72	20.90	20.58	20.73	0.77	ppb
Arsenic	75-2	20.29	19.98	20.48	20.25	1.25	ppb
Barium	135-1	21.41	21.79	21.22	21.48	1.36	ppb
Barium	137-1	21.35	21.32	21.51	21.39	0.46	ppb
Beryllium	9-1	21.19	20.92	21.47	21.19	1.31	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	11-1	68.74	71.09	71.43	70.42	2.08	ppb
Boron	10-1	70.44	68.19	68.87	69.17	1.66	ppb
Cadmium	106-1	28.92	26.38	27.18	27.49	4.73	ppb
Cadmium	108-1	44.42	44.36	41.59	43.46	3.73	ppb
Cadmium	111-1	20.42	20.80	20.92	20.71	1.26	ppb
Calcium	43-1	97949.79	98763.67	98616.87	98443.44	0.44	ppb
Calcium	44-1	98548.83	100056.87	100051.66	99552.45	0.87	ppb
Chromium	52-2	38.68	39.17	39.47	39.10	1.02	ppb
Cobalt	59-2	20.80	20.71	20.98	20.83	0.66	ppb
Copper	63-2	26.41	26.72	26.76	26.63	0.71	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				108		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	100565.62	101941.75	103186.47	101897.95	1.29	ppb
Iron	57-2	100483.20	102265.55	102677.79	101808.85	1.15	ppb
Krypton	83-1						cps
Lead	206-1	25.71	25.61	25.48	25.60	0.45	ppb
Lead	207-1	24.26	24.26	24.23	24.25	0.07	ppb
Lead	208-1	25.37	25.20	25.06	25.21	0.61	ppb
Lithium	6-1				90		%
Magnesium	24-2	103674.10	104730.66	105918.25	104774.34	1.07	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:39:41	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.67	26.98	27.39	27.01	1.34	ppb
Molybdenum	94-1	1395.56	1420.47	1420.61	1412.21	1.02	ppb
Molybdenum	95-1	1855.87	1871.68	1871.73	1866.42	0.49	ppb
Molybdenum	96-1	1792.89	1807.88	1812.61	1804.46	0.57	ppb
Molybdenum	97-1	1868.80	1858.24	1866.41	1864.49	0.30	ppb
Molybdenum	98-1	1873.47	1867.97	1860.73	1867.39	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.74	24.78	24.79	24.77	0.09	ppb
Phosphorus	31-2	96475.13	98335.40	98985.07	97931.87	1.33	ppb
Potassium	39-2	100307.46	101381.30	101811.66	101166.81	0.77	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				114		%
Selenium	77-2	20.59	18.88	20.12	19.86	4.44	ppb
Selenium	78-2	20.05	19.32	19.51	19.63	1.94	ppb
Selenium	82-1	19.56	19.52	20.02	19.70	1.43	ppb
Silicon	28-1	71.10	72.34	72.30	71.91	0.98	ppb
Silver	109-1	18.75	18.81	18.57	18.71	0.65	ppb
Silver	107-1	18.89	18.69	18.56	18.71	0.87	ppb
Sodium	23-2	104229.24	105277.52	106072.09	105192.95	0.88	ppb
Strontium	86-1	105.20	106.51	106.69	106.13	0.76	ppb
Strontium	88-1	105.66	104.94	104.92	105.17	0.40	ppb
Sulfur	34-1	80302.50	80863.95	80352.73	80506.39	0.39	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	20.19	20.40	20.48	20.35	0.73	ppb
Thallium	205-1	20.35	20.48	20.54	20.45	0.48	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	3.86	ppb
Tin	118-1	60.75	61.21	60.79	60.92	0.42	ppb
Titanium	47-1	2053.46	2051.79	2052.90	2052.72	0.04	ppb
Uranium	238-1	60.60	59.83	61.11	60.52	1.06	ppb
Vanadium	51-2	19.36	19.62	20.05	19.68	1.78	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:39:41	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	30.07	34.17	31.41	31.88	6.57	ppb
Zirconium	90-1	59.50	59.63	59.41	59.51	0.19	ppb
Zirconium	91-1	59.24	60.35	60.30	59.96	1.04	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:43:19	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51675.49	51805.18	52685.40	52055.36	1.06	ppb
Antimony	121-1	490.73	481.67	488.30	486.90	0.96	ppb
Arsenic	75-2	519.59	523.61	529.89	524.36	0.99	ppb
Barium	135-1	2460.95	2438.96	2445.16	2448.36	0.46	ppb
Barium	137-1	2452.40	2425.73	2433.41	2437.18	0.56	ppb
Beryllium	9-1	526.27	521.24	524.23	523.91	0.48	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	11-1	506.40	511.38	515.94	511.24	0.93	ppb
Boron	10-1	508.18	503.41	527.53	513.04	2.49	ppb
Cadmium	106-1	540.43	541.95	534.89	539.09	0.69	ppb
Cadmium	108-1	542.94	534.46	540.39	539.26	0.81	ppb
Cadmium	111-1	534.29	537.08	532.83	534.74	0.40	ppb
Calcium	43-1	242860.82	237690.53	240202.93	240251.43	1.08	ppb
Calcium	44-1	242641.03	239732.94	240000.52	240791.50	0.67	ppb
Chromium	52-2	485.12	485.63	491.57	487.44	0.74	ppb
Cobalt	59-2	468.24	470.08	470.96	469.76	0.30	ppb
Copper	63-2	1038.75	1038.52	1053.54	1043.60	0.82	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				105		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	122346.98	123854.38	123982.45	123394.60	0.74	ppb
Iron	57-2	122561.96	122593.49	123032.43	122729.30	0.21	ppb
Krypton	83-1						cps
Lead	206-1	495.50	497.32	493.90	495.57	0.35	ppb
Lead	207-1	486.23	488.54	484.22	486.33	0.44	ppb
Lead	208-1	491.87	492.87	491.16	491.97	0.17	ppb
Lithium	6-1				85		%
Magnesium	24-2	248300.98	249951.22	251153.54	249801.91	0.57	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:43:19	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	940.65	953.09	954.17	949.30	0.79	ppb
Molybdenum	94-1	2429.20	2450.38	2441.89	2440.49	0.44	ppb
Molybdenum	95-1	2432.04	2433.73	2440.03	2435.27	0.17	ppb
Molybdenum	96-1	2440.37	2438.67	2443.84	2440.96	0.11	ppb
Molybdenum	97-1	2445.14	2451.70	2461.87	2452.90	0.34	ppb
Molybdenum	98-1	2431.50	2455.59	2442.88	2443.32	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.89	466.93	475.22	470.68	0.89	ppb
Phosphorus	31-2	9827.29	9665.49	9895.96	9796.24	1.21	ppb
Potassium	39-2	124057.03	124620.22	126627.18	125101.48	1.08	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				110		%
Scandium	45-2				115		%
Selenium	77-2	506.23	477.86	503.25	495.78	3.14	ppb
Selenium	78-2	492.01	487.59	490.72	490.11	0.46	ppb
Selenium	82-1	477.79	483.34	477.54	479.56	0.68	ppb
Silicon	28-1	445.82	447.30	450.67	447.93	0.55	ppb
Silver	109-1	523.30	522.82	524.91	523.68	0.21	ppb
Silver	107-1	529.11	528.13	529.08	528.77	0.11	ppb
Sodium	23-2	249778.64	248063.60	252517.31	250119.85	0.90	ppb
Strontium	86-1	492.47	487.85	488.93	489.75	0.49	ppb
Strontium	88-1	491.82	493.10	493.88	492.93	0.21	ppb
Sulfur	34-1	10357.86	10260.19	10103.84	10240.63	1.25	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	496.55	496.52	497.33	496.80	0.09	ppb
Thallium	205-1	494.32	499.03	494.11	495.82	0.56	ppb
Thorium	232-1	502.46	503.46	499.66	501.86	0.39	ppb
Tin	118-1	492.48	484.74	492.33	489.85	0.90	ppb
Titanium	47-1	2430.14	2405.60	2398.68	2411.47	0.69	ppb
Uranium	238-1	500.71	504.77	496.95	500.81	0.78	ppb
Vanadium	51-2	482.36	481.63	481.90	481.96	0.08	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:43:19	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	938.76	954.01	952.93	948.57	0.90	ppb
Zirconium	90-1	491.58	493.37	487.47	490.81	0.62	ppb
Zirconium	91-1	487.57	490.00	483.18	486.92	0.71	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:47:01	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.27	1.93	1.70	1.96	14.48	ppb
Antimony	121-1	0.33	0.39	0.39	0.37	10.14	ppb
Arsenic	75-2	0.02	0.02	0.04	0.03	50.37	ppb
Barium	135-1	0.12	0.12	0.10	0.11	13.20	ppb
Barium	137-1	0.18	0.16	0.13	0.15	16.00	ppb
Beryllium	9-1	0.13	0.10	0.10	0.11	15.34	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	11-1	25.02	22.71	21.22	22.99	8.33	ppb
Boron	10-1	23.89	22.36	20.34	22.20	8.01	ppb
Cadmium	106-1	3.77	1.95	2.13	2.62	38.36	ppb
Cadmium	108-1	0.02	0.11	0.08	0.07	63.94	ppb
Cadmium	111-1	0.35	0.23	0.23	0.27	26.49	ppb
Calcium	43-1	19.70	20.07	14.39	18.05	17.60	ppb
Calcium	44-1	21.81	17.61	16.12	18.51	15.95	ppb
Chromium	52-2	0.03	0.03	0.01	0.03	39.84	ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	80.04	ppb
Copper	63-2	0.68	0.68	0.63	0.66	4.12	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				106		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	5.45	4.64	4.16	4.75	13.74	ppb
Iron	57-2	5.72	4.18	4.36	4.75	17.71	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.27	0.25	0.26	2.81	ppb
Lead	207-1	0.28	0.28	0.27	0.28	2.06	ppb
Lead	208-1	0.29	0.29	0.27	0.28	4.27	ppb
Lithium	6-1				90		%
Magnesium	24-2	9.71	7.82	6.93	8.15	17.37	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:47:01	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.03	0.03	0.03	13.45	ppb
Molybdenum	94-1	0.40	0.35	0.39	0.38	7.14	ppb
Molybdenum	95-1	0.41	0.43	0.40	0.41	3.69	ppb
Molybdenum	96-1	0.46	0.44	0.41	0.43	6.01	ppb
Molybdenum	97-1	0.51	0.43	0.39	0.44	12.84	ppb
Molybdenum	98-1	0.47	0.46	0.41	0.45	7.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.53	0.53	0.51	4.76	ppb
Phosphorus	31-2	-25.40	-28.87	-25.83	-26.70		ppb
Potassium	39-2	50.37	52.18	44.32	48.95	8.41	ppb
Rhodium	103-1				108		%
Rhodium	103-2				113		%
Scandium	45-1				112		%
Scandium	45-2				115		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.43	0.35	-0.09	0.23	122.24	ppb
Selenium	82-1	-0.17	-0.14	-0.37	-0.23		ppb
Silicon	28-1	4.29	4.04	3.68	4.00	7.76	ppb
Silver	109-1	0.07	0.06	0.05	0.06	17.76	ppb
Silver	107-1	0.06	0.07	0.04	0.06	21.36	ppb
Sodium	23-2	49.57	46.37	46.46	47.47	3.85	ppb
Strontium	86-1	0.03	0.04	0.03	0.04	14.71	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	9.42	ppb
Sulfur	34-1	763.79	719.93	646.40	710.04	8.35	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.22	0.20	0.17	0.20	11.07	ppb
Thallium	205-1	0.21	0.18	0.16	0.18	11.97	ppb
Thorium	232-1	0.08	0.07	0.07	0.07	2.13	ppb
Tin	118-1	0.17	0.17	0.16	0.17	3.82	ppb
Titanium	47-1	0.23	0.19	0.22	0.22	8.57	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	1.82	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	5.21	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:47:01	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.05	1.02	0.88	0.98	9.37	ppb
Zirconium	90-1	0.05	0.06	0.06	0.06	8.53	ppb
Zirconium	91-1	0.07	0.06	0.02	0.05	48.72	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:51:24	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.91	21.08	21.45	21.15	1.29	ppb
Antimony	121-1	2.12	1.93	2.04	2.03	4.50	ppb
Arsenic	75-2	1.06	1.10	0.96	1.04	7.27	ppb
Barium	135-1	10.61	10.30	10.10	10.34	2.50	ppb
Barium	137-1	10.43	9.90	10.08	10.14	2.65	ppb
Beryllium	9-1	1.19	1.05	1.14	1.13	6.10	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	11-1	35.66	34.31	34.59	34.85	2.05	ppb
Boron	10-1	36.13	32.81	36.04	34.99	5.42	ppb
Cadmium	106-1	1.14	1.10	2.20	1.48	42.10	ppb
Cadmium	108-1	0.88	0.98	0.88	0.92	6.08	ppb
Cadmium	111-1	1.14	0.97	1.11	1.07	8.40	ppb
Calcium	43-1	511.09	490.81	501.56	501.15	2.02	ppb
Calcium	44-1	515.27	493.06	486.79	498.37	3.00	ppb
Chromium	52-2	2.20	2.03	2.10	2.11	4.03	ppb
Cobalt	59-2	1.08	1.01	1.04	1.04	3.36	ppb
Copper	63-2	2.23	2.11	2.07	2.14	4.09	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				107		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	56-2	59.65	55.41	56.43	57.16	3.87	ppb
Iron	57-2	63.46	60.06	59.44	60.99	3.54	ppb
Krypton	83-1						cps
Lead	206-1	1.02	1.04	1.00	1.02	1.83	ppb
Lead	207-1	1.07	1.06	1.06	1.06	0.24	ppb
Lead	208-1	1.03	1.01	1.00	1.02	1.75	ppb
Lithium	6-1				92		%
Magnesium	24-2	592.43	561.79	554.22	569.48	3.55	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:51:24	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.10	1.03	1.09	1.07	3.53	ppb
Molybdenum	94-1	4.66	4.86	4.61	4.71	2.76	ppb
Molybdenum	95-1	4.85	4.63	4.70	4.73	2.36	ppb
Molybdenum	96-1	4.73	4.79	4.67	4.73	1.27	ppb
Molybdenum	97-1	4.84	4.69	4.69	4.74	1.87	ppb
Molybdenum	98-1	4.87	4.73	4.60	4.73	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	0.98	0.92	0.99	6.33	ppb
Phosphorus	31-2	22.47	37.48	13.85	24.60	48.60	ppb
Potassium	39-2	584.65	547.10	539.47	557.07	4.34	ppb
Rhodium	103-1				110		%
Rhodium	103-2				113		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	77-2	4.34	6.26	5.55	5.39	18.06	ppb
Selenium	78-2	6.28	5.28	6.27	5.95	9.68	ppb
Selenium	82-1	5.58	5.11	4.81	5.17	7.54	ppb
Silicon	28-1	9.75	9.06	8.98	9.26	4.57	ppb
Silver	109-1	1.11	1.04	1.08	1.07	2.89	ppb
Silver	107-1	1.12	1.09	1.08	1.10	2.05	ppb
Sodium	23-2	597.92	557.73	568.84	574.83	3.61	ppb
Strontium	86-1	1.00	0.95	1.01	0.99	3.17	ppb
Strontium	88-1	0.99	0.97	0.97	0.98	1.45	ppb
Sulfur	34-1	533.36	400.42	284.80	406.19	30.62	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	1.00	1.02	1.00	1.01	1.34	ppb
Thallium	205-1	1.05	0.99	1.02	1.02	2.76	ppb
Thorium	232-1	0.86	0.85	0.83	0.85	1.78	ppb
Tin	118-1	5.38	5.18	5.14	5.23	2.47	ppb
Titanium	47-1	5.14	4.86	5.20	5.07	3.55	ppb
Uranium	238-1	0.88	0.86	0.85	0.86	1.90	ppb
Vanadium	51-2	5.54	5.36	5.25	5.38	2.63	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:51:24	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.44	2.27	2.23	2.32	4.70	ppb
Zirconium	90-1	0.95	0.89	0.88	0.91	4.32	ppb
Zirconium	91-1	0.92	0.92	0.83	0.89	6.05	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	PB122713BL	Instrumnet Name :	P7
Client Sample ID :	PB122713BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:55:01	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.62	0.05	0.28	0.32	89.98	ppb
Antimony	121-1	0.03	0.04	0.05	0.04	18.10	ppb
Arsenic	75-2	-0.02	0.00	0.00	-0.01		ppb
Barium	135-1	-0.02	-0.03	-0.02	-0.02		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.06	0.02	0.03	72.17	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	11-1	6.94	6.82	6.80	6.85	1.08	ppb
Boron	10-1	7.22	7.08	6.80	7.03	3.02	ppb
Cadmium	106-1	1.52	0.84	-0.79	0.52	226.24	ppb
Cadmium	108-1	-0.06	0.06	0.02	0.01	952.04	ppb
Cadmium	111-1	0.13	0.07	-0.06	0.04	219.73	ppb
Calcium	43-1	1.88	0.56	0.35	0.93	88.97	ppb
Calcium	44-1	-0.45	0.84	-0.72	-0.11		ppb
Chromium	52-2	0.01	0.00	0.00	0.00	872.65	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.06	0.08	0.04	0.06	33.52	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				107		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				110		%
Iron	56-2	0.32	0.29	0.34	0.32	8.19	ppb
Iron	57-2	0.51	0.13	0.73	0.45	67.20	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.08	0.08	7.45	ppb
Lead	207-1	0.08	0.08	0.07	0.07	5.90	ppb
Lead	208-1	0.08	0.08	0.07	0.08	6.39	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.64	1.00	0.45	0.70	39.48	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	PB122713BL	Instrumnet Name :	P7
Client Sample ID :	PB122713BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:55:01	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	0.01	0.01	83.87	ppb
Molybdenum	94-1	0.05	0.06	0.05	0.05	14.58	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	30.69	ppb
Molybdenum	96-1	0.02	0.04	0.03	0.03	29.58	ppb
Molybdenum	97-1	0.04	0.02	0.04	0.03	31.51	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	10.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.04	-0.06	-0.05		ppb
Phosphorus	31-2	-29.27	-15.58	-25.66	-23.51		ppb
Potassium	39-2	26.61	28.58	29.50	28.23	5.23	ppb
Rhodium	103-1				111		%
Rhodium	103-2				114		%
Scandium	45-1				115		%
Scandium	45-2				117		%
Selenium	77-2	0.00	0.23	0.00	0.08	173.21	ppb
Selenium	78-2	-0.34	0.57	-0.02	0.07	635.47	ppb
Selenium	82-1	-0.37	-0.11	-0.23	-0.24		ppb
Silicon	28-1	1.00	1.17	1.24	1.14	10.78	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.30	ppb
Silver	107-1	0.00	0.01	0.01	0.01	47.84	ppb
Sodium	23-2	27.75	27.80	28.48	28.01	1.45	ppb
Strontium	86-1	0.00	-0.02	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	55.53	ppb
Sulfur	34-1	311.13	386.01	340.27	345.81	10.91	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.05	0.06	0.05	0.06	8.28	ppb
Thallium	205-1	0.05	0.05	0.06	0.05	12.16	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	7.80	ppb
Tin	118-1	0.02	0.03	0.04	0.03	18.56	ppb
Titanium	47-1	0.04	0.00	0.04	0.03	88.11	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	97.32	ppb
Yttrium	89-1				113		%
Yttrium	89-2				112		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	PB122713BL	Instrumnet Name :	P7
Client Sample ID :	PB122713BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:55:01	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.23	0.20	0.19	0.21	10.75	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	66.06	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	108.88	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	PB122713BS	Instrumnet Name :	P7
Client Sample ID :	PB122713BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:58:37	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9980.33	9924.72	9750.71	9885.25	1.21	ppb
Antimony	121-1	510.08	514.11	518.85	514.35	0.85	ppb
Arsenic	75-2	522.67	516.99	511.78	517.14	1.05	ppb
Barium	135-1	2527.55	2539.19	2559.72	2542.15	0.64	ppb
Barium	137-1	2485.24	2536.78	2558.17	2526.73	1.48	ppb
Beryllium	9-1	530.70	528.40	530.78	529.96	0.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	11-1	516.94	529.84	527.07	524.62	1.30	ppb
Boron	10-1	507.51	516.41	526.48	516.80	1.84	ppb
Cadmium	106-1	513.45	511.37	517.19	514.00	0.57	ppb
Cadmium	108-1	516.26	515.18	516.08	515.84	0.11	ppb
Cadmium	111-1	508.83	511.49	511.63	510.65	0.31	ppb
Calcium	43-1	50725.05	50251.36	51150.92	50709.11	0.89	ppb
Calcium	44-1	51419.86	51430.95	51877.00	51575.94	0.51	ppb
Chromium	52-2	497.87	495.55	490.93	494.78	0.71	ppb
Cobalt	59-2	501.16	494.42	493.88	496.48	0.82	ppb
Copper	63-2	991.02	986.77	978.42	985.40	0.65	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				110		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	26529.19	25981.36	25926.05	26145.54	1.28	ppb
Iron	57-2	25994.48	25693.69	25639.31	25775.83	0.74	ppb
Krypton	83-1						cps
Lead	206-1	495.30	494.58	493.01	494.30	0.24	ppb
Lead	207-1	500.22	494.98	481.51	492.24	1.96	ppb
Lead	208-1	497.36	494.81	492.90	495.02	0.45	ppb
Lithium	6-1				93		%
Magnesium	24-2	54166.57	53905.25	53332.21	53801.34	0.79	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	PB122713BS	Instrumnet Name :	P7
Client Sample ID :	PB122713BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:58:37	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	997.15	988.32	992.18	992.55	0.45	ppb
Molybdenum	94-1	2492.62	2496.79	2481.07	2490.16	0.33	ppb
Molybdenum	95-1	2496.89	2486.79	2486.47	2490.05	0.24	ppb
Molybdenum	96-1	2504.40	2472.28	2497.26	2491.31	0.68	ppb
Molybdenum	97-1	2517.11	2497.51	2506.81	2507.15	0.39	ppb
Molybdenum	98-1	2507.33	2490.42	2488.60	2495.45	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.10	495.39	495.86	496.12	0.18	ppb
Phosphorus	31-2	10331.63	10064.03	10021.68	10139.11	1.66	ppb
Potassium	39-2	25931.60	25714.89	25539.57	25728.69	0.76	ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				116		%
Scandium	45-2				119		%
Selenium	77-2	511.60	506.76	517.00	511.79	1.00	ppb
Selenium	78-2	522.03	522.22	516.34	520.20	0.64	ppb
Selenium	82-1	516.25	515.22	516.33	515.93	0.12	ppb
Silicon	28-1	466.84	477.08	477.90	473.94	1.30	ppb
Silver	109-1	516.68	516.93	519.38	517.67	0.29	ppb
Silver	107-1	519.22	515.08	519.21	517.84	0.46	ppb
Sodium	23-2	53997.41	53856.17	53028.92	53627.50	0.98	ppb
Strontium	86-1	504.47	497.73	503.05	501.75	0.71	ppb
Strontium	88-1	505.75	504.29	503.14	504.39	0.26	ppb
Sulfur	34-1	10076.59	9889.48	10060.86	10008.98	1.04	ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	488.74	495.63	496.92	493.76	0.89	ppb
Thallium	205-1	492.69	492.92	494.90	493.50	0.25	ppb
Thorium	232-1	483.29	483.69	484.21	483.73	0.10	ppb
Tin	118-1	509.82	512.37	516.76	512.98	0.68	ppb
Titanium	47-1	2466.13	2443.81	2474.69	2461.55	0.65	ppb
Uranium	238-1	480.72	480.20	482.53	481.15	0.25	ppb
Vanadium	51-2	496.40	491.53	489.86	492.60	0.69	ppb
Yttrium	89-1				113		%
Yttrium	89-2				113		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	PB122713BS	Instrumnet Name :	P7
Client Sample ID :	PB122713BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:58:37	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	989.39	982.22	982.93	984.85	0.40	ppb
Zirconium	90-1	500.85	501.15	498.66	500.22	0.27	ppb
Zirconium	91-1	493.97	494.37	491.39	493.24	0.33	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-01	Instrumnet Name :	P7
Client Sample ID :	P001-FB-082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:02:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.51	0.77	0.72	0.66	21.06	ppb
Antimony	121-1	0.27	0.27	0.27	0.27	1.43	ppb
Arsenic	75-2	0.05	0.01	0.01	0.02	97.07	ppb
Barium	135-1	0.13	0.12	0.12	0.12	4.84	ppb
Barium	137-1	0.15	0.14	0.14	0.14	1.30	ppb
Beryllium	9-1	0.09	0.04	0.05	0.06	38.91	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	11-1	21.34	19.27	19.07	19.89	6.32	ppb
Boron	10-1	22.48	19.69	18.87	20.34	9.29	ppb
Cadmium	106-1	1.69	1.90	0.54	1.38	52.90	ppb
Cadmium	108-1	0.11	0.12	0.05	0.09	43.82	ppb
Cadmium	111-1	0.17	0.18	0.08	0.14	40.31	ppb
Calcium	43-1	18.48	12.36	10.79	13.88	29.29	ppb
Calcium	44-1	11.45	11.23	9.68	10.78	8.96	ppb
Chromium	52-2	0.00	-0.01	-0.04	-0.02		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.06	0.11	0.06	0.08	38.01	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				114		%
Holmium	165-2				105		%
Indium	115-1				118		%
Indium	115-2				106		%
Iron	56-2	1.50	1.45	1.19	1.38	11.90	ppb
Iron	57-2	1.29	1.39	1.32	1.33	3.73	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.05	0.05	14.16	ppb
Lead	207-1	0.06	0.05	0.05	0.05	10.67	ppb
Lead	208-1	0.06	0.05	0.05	0.05	13.33	ppb
Lithium	6-1				96		%
Magnesium	24-2	6.98	6.75	5.72	6.48	10.31	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-01	Instrumnet Name :	P7
Client Sample ID :	P001-FB-082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:02:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.06	0.05	0.06	6.62	ppb
Molybdenum	94-1	0.32	0.32	0.28	0.30	6.07	ppb
Molybdenum	95-1	0.38	0.33	0.33	0.35	8.81	ppb
Molybdenum	96-1	0.41	0.35	0.31	0.36	14.31	ppb
Molybdenum	97-1	0.40	0.33	0.27	0.33	18.73	ppb
Molybdenum	98-1	0.42	0.34	0.30	0.36	17.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.07	-0.09	-0.07		ppb
Phosphorus	31-2	-25.61	-26.53	-32.95	-28.36		ppb
Potassium	39-2	39.10	45.50	30.19	38.26	20.08	ppb
Rhodium	103-1				117		%
Rhodium	103-2				110		%
Scandium	45-1				121		%
Scandium	45-2				111		%
Selenium	77-2	0.49	0.00	0.00	0.16	173.21	ppb
Selenium	78-2	0.59	0.34	0.19	0.38	53.73	ppb
Selenium	82-1	-0.54	-0.34	-0.17	-0.35		ppb
Silicon	28-1	2.58	2.33	1.79	2.23	18.13	ppb
Silver	109-1	0.04	0.03	0.03	0.03	17.62	ppb
Silver	107-1	0.05	0.03	0.03	0.03	35.85	ppb
Sodium	23-2	36.78	38.59	32.45	35.94	8.78	ppb
Strontium	86-1	0.05	0.03	0.05	0.05	21.96	ppb
Strontium	88-1	0.03	0.03	0.02	0.03	18.25	ppb
Sulfur	34-1	-49.28	-174.94	-254.26	-159.49		ppb
Terbium	159-1				116		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.10	0.10	0.10	6.52	ppb
Thallium	205-1	0.12	0.11	0.09	0.11	13.19	ppb
Thorium	232-1	0.06	0.06	0.05	0.06	10.15	ppb
Tin	118-1	0.10	0.14	0.09	0.11	23.20	ppb
Titanium	47-1	0.17	0.10	0.09	0.12	37.86	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	33.76	ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	30.79	ppb
Yttrium	89-1				119		%
Yttrium	89-2				108		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-01	Instrumnet Name :	P7
Client Sample ID :	P001-FB-082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:02:14	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	17.77	18.61	16.65	17.68	5.54	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	9.66	ppb
Zirconium	91-1	0.03	0.01	-0.01	0.01	180.44	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-02 Instrumnet Name : P7
 Client Sample ID : P001-SW001-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:05:51 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.44	8.98	7.03	7.81	13.17	ppb
Antimony	121-1	1.37	1.35	1.43	1.39	2.84	ppb
Arsenic	75-2	0.84	0.84	0.65	0.78	14.42	ppb
Barium	135-1	264.90	262.66	262.25	263.27	0.54	ppb
Barium	137-1	265.61	261.73	261.17	262.83	0.92	ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	44.67	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	11-1	39.69	40.05	37.54	39.10	3.47	ppb
Boron	10-1	39.47	38.42	37.28	38.39	2.85	ppb
Cadmium	106-1	0.11	0.59	-0.43	0.09	555.73	ppb
Cadmium	108-1	0.45	0.54	0.54	0.51	10.48	ppb
Cadmium	111-1	0.46	0.50	0.44	0.47	6.24	ppb
Calcium	43-1	38365.98	38468.00	38309.66	38381.21	0.21	ppb
Calcium	44-1	39236.82	39306.11	39305.73	39282.89	0.10	ppb
Chromium	52-2	1.02	1.02	0.97	1.01	2.74	ppb
Cobalt	59-2	0.22	0.23	0.24	0.23	4.52	ppb
Copper	63-2	5.88	6.13	5.83	5.95	2.71	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				105		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	1643.48	1637.28	1629.53	1636.76	0.43	ppb
Iron	57-2	1681.14	1700.76	1640.83	1674.24	1.83	ppb
Krypton	83-1						cps
Lead	206-1	1.73	1.72	1.58	1.68	4.99	ppb
Lead	207-1	1.78	1.67	1.55	1.67	6.82	ppb
Lead	208-1	0.56	0.52	0.38	0.49	19.52	ppb
Lithium	6-1				112		%
Magnesium	24-2	1399.39	1400.02	1399.44	1399.62	0.03	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-02	Instrumnet Name :	P7
Client Sample ID :	P001-SW001-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:05:51	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	41.80	41.38	41.40	41.53	0.58	ppb
Molybdenum	94-1	0.41	0.43	0.38	0.41	6.13	ppb
Molybdenum	95-1	0.44	0.43	0.44	0.44	1.85	ppb
Molybdenum	96-1	0.44	0.43	0.45	0.44	1.91	ppb
Molybdenum	97-1	0.43	0.44	0.39	0.42	6.58	ppb
Molybdenum	98-1	0.45	0.45	0.46	0.45	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.38	1.42	1.37	4.41	ppb
Phosphorus	31-2	55.26	52.95	47.99	52.06	7.14	ppb
Potassium	39-2	293.25	263.09	240.93	265.76	9.88	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	1.29	1.55	3.10	1.98	49.58	ppb
Selenium	78-2	1.00	0.80	0.41	0.74	40.89	ppb
Selenium	82-1	0.35	0.48	0.34	0.39	20.57	ppb
Silicon	28-1	1813.06	1835.22	1826.00	1824.76	0.61	ppb
Silver	109-1	1.69	1.46	1.26	1.47	14.51	ppb
Silver	107-1	1.68	1.53	1.32	1.51	12.17	ppb
Sodium	23-2	584.29	602.20	606.32	597.61	1.96	ppb
Strontium	86-1	222.17	222.02	222.63	222.27	0.14	ppb
Strontium	88-1	225.04	222.96	224.31	224.10	0.47	ppb
Sulfur	34-1	634.28	647.10	536.38	605.92	10.00	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.84	0.72	0.62	0.73	14.93	ppb
Thallium	205-1	0.86	0.73	0.64	0.75	14.52	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	4.38	ppb
Tin	118-1	3.46	3.70	3.90	3.69	6.00	ppb
Titanium	47-1	0.56	0.65	0.52	0.58	11.54	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.04	ppb
Vanadium	51-2	0.30	0.29	0.31	0.30	2.21	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-02	Instrumnet Name :	P7
Client Sample ID :	P001-SW001-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:05:51	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	28.25	28.37	28.43	28.35	0.31	ppb
Zirconium	90-1	0.03	0.06	0.05	0.05	25.96	ppb
Zirconium	91-1	0.05	0.06	0.08	0.06	28.12	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-03 Instrumnet Name : P7
 Client Sample ID : P001-SW002-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:09:28 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	216.56	210.91	203.62	210.36	3.08	ppb
Antimony	121-1	1.12	1.16	1.21	1.16	3.98	ppb
Arsenic	75-2	0.99	1.17	1.05	1.07	8.34	ppb
Barium	135-1	23.29	23.23	23.37	23.30	0.29	ppb
Barium	137-1	23.27	23.66	23.34	23.42	0.90	ppb
Beryllium	9-1	0.00	0.02	0.00	0.00	213.89	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	11-1	11.20	10.27	9.65	10.37	7.50	ppb
Boron	10-1	11.15	10.43	8.84	10.14	11.64	ppb
Cadmium	106-1	-2.68	-2.02	-1.27	-1.99		ppb
Cadmium	108-1	0.23	0.10	0.27	0.20	44.41	ppb
Cadmium	111-1	-0.02	0.02	0.08	0.03	164.84	ppb
Calcium	43-1	38512.21	38353.67	38339.29	38401.72	0.25	ppb
Calcium	44-1	39052.69	39111.23	39027.47	39063.79	0.11	ppb
Chromium	52-2	0.72	0.68	0.64	0.68	5.32	ppb
Cobalt	59-2	0.05	0.04	0.03	0.04	16.37	ppb
Copper	63-2	13.81	13.31	13.37	13.50	2.02	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				107		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				94		%
Iron	56-2	10.39	10.38	10.38	10.38	0.02	ppb
Iron	57-2	94.94	94.42	94.68	94.68	0.27	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.97	0.98	0.97	1.20	ppb
Lead	207-1	0.96	0.98	0.93	0.96	2.43	ppb
Lead	208-1	0.86	0.90	0.88	0.88	1.77	ppb
Lithium	6-1				125		%
Magnesium	24-2	702.32	716.82	708.48	709.20	1.03	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-03 Instrumnet Name : P7
 Client Sample ID : P001-SW002-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:09:28 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	1.09	0.99	1.05	4.94	ppb
Molybdenum	94-1	0.34	0.38	0.42	0.38	11.47	ppb
Molybdenum	95-1	0.37	0.36	0.40	0.38	5.06	ppb
Molybdenum	96-1	0.43	0.42	0.45	0.44	3.93	ppb
Molybdenum	97-1	0.41	0.39	0.47	0.43	9.57	ppb
Molybdenum	98-1	0.43	0.40	0.42	0.42	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.24	0.29	0.26	9.78	ppb
Phosphorus	31-2	304.42	348.16	319.14	323.91	6.87	ppb
Potassium	39-2	19852.71	19855.53	19565.19	19757.81	0.84	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	1.95	2.22	1.12	1.76	32.43	ppb
Selenium	78-2	1.06	0.50	0.89	0.82	35.20	ppb
Selenium	82-1	0.37	0.30	0.15	0.27	39.53	ppb
Silicon	28-1	1299.61	1284.07	1280.15	1287.94	0.80	ppb
Silver	109-1	0.90	0.87	0.89	0.89	1.40	ppb
Silver	107-1	0.87	0.88	0.82	0.86	3.95	ppb
Sodium	23-2	6068.26	6089.22	6062.09	6073.19	0.23	ppb
Strontium	86-1	221.67	222.72	219.02	221.13	0.86	ppb
Strontium	88-1	222.37	223.97	222.80	223.05	0.37	ppb
Sulfur	34-1	1482.58	1339.58	1202.44	1341.53	10.44	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.13	0.11	0.10	0.11	12.89	ppb
Thallium	205-1	0.12	0.11	0.09	0.11	13.79	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	3.85	ppb
Tin	118-1	1.71	1.65	1.72	1.69	2.37	ppb
Titanium	47-1	0.57	0.65	0.67	0.63	8.18	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	0.77	ppb
Vanadium	51-2	2.11	2.01	2.10	2.07	2.67	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-03	Instrumnet Name :	P7
Client Sample ID :	P001-SW002-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:09:28	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.06	11.88	11.77	11.90	1.27	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	9.94	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	8.21	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-04 Instrumnet Name : P7
 Client Sample ID : P001-SW003-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:13:04 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.00	7.05	6.48	7.18	10.71	ppb
Antimony	121-1	0.79	0.81	0.86	0.82	4.50	ppb
Arsenic	75-2	1.39	1.56	1.42	1.46	6.36	ppb
Barium	135-1	165.69	166.26	165.33	165.76	0.28	ppb
Barium	137-1	165.04	166.62	166.06	165.91	0.48	ppb
Beryllium	9-1	0.02	0.01	-0.01	0.00	347.59	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Boron	11-1	28.60	28.52	27.72	28.28	1.73	ppb
Boron	10-1	28.34	27.09	28.09	27.84	2.38	ppb
Cadmium	106-1	-1.18	-4.29	-3.13	-2.87		ppb
Cadmium	108-1	0.11	0.26	0.18	0.18	39.61	ppb
Cadmium	111-1	0.03	-0.23	-0.13	-0.11		ppb
Calcium	43-1	27365.68	27641.16	27551.95	27519.60	0.51	ppb
Calcium	44-1	28007.70	28288.50	28142.10	28146.10	0.50	ppb
Chromium	52-2	0.62	0.66	0.63	0.63	3.05	ppb
Cobalt	59-2	0.13	0.11	0.12	0.12	8.40	ppb
Copper	63-2	6.31	6.27	6.27	6.28	0.42	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				105		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				91		%
Iron	56-2	840.54	845.76	837.88	841.39	0.48	ppb
Iron	57-2	910.50	918.35	898.90	909.25	1.08	ppb
Krypton	83-1						cps
Lead	206-1	0.83	0.85	0.82	0.83	1.92	ppb
Lead	207-1	0.81	0.84	0.80	0.82	2.65	ppb
Lead	208-1	0.05	0.05	0.04	0.05	18.07	ppb
Lithium	6-1				124		%
Magnesium	24-2	2476.98	2493.36	2472.77	2481.04	0.44	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-04 Instrumnet Name : P7
 Client Sample ID : P001-SW003-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:13:04 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	40.25	40.57	40.36	40.39	0.39	ppb
Molybdenum	94-1	0.35	0.44	0.42	0.40	10.77	ppb
Molybdenum	95-1	0.47	0.45	0.48	0.47	3.32	ppb
Molybdenum	96-1	0.50	0.54	0.55	0.53	5.23	ppb
Molybdenum	97-1	0.45	0.51	0.53	0.50	8.23	ppb
Molybdenum	98-1	0.49	0.48	0.51	0.49	2.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.11	1.09	1.10	1.05	ppb
Phosphorus	31-2	69.78	47.33	40.63	52.58	29.04	ppb
Potassium	39-2	1110.32	1112.55	1102.68	1108.52	0.47	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	2.61	1.46	1.73	1.93	31.40	ppb
Selenium	78-2	0.32	0.37	0.40	0.36	11.75	ppb
Selenium	82-1	0.04	0.16	0.06	0.09	72.33	ppb
Silicon	28-1	1007.66	1017.10	1015.91	1013.56	0.51	ppb
Silver	109-1	0.41	0.37	0.37	0.38	6.58	ppb
Silver	107-1	0.40	0.36	0.36	0.37	6.62	ppb
Sodium	23-2	831.28	859.05	841.28	843.87	1.67	ppb
Strontium	86-1	264.11	266.69	267.28	266.03	0.63	ppb
Strontium	88-1	267.30	269.93	269.03	268.75	0.50	ppb
Sulfur	34-1	143.59	80.46	-68.74	51.77	210.60	ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.05	0.04	0.04	11.70	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.58	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	7.56	ppb
Tin	118-1	1.18	1.28	1.36	1.27	6.86	ppb
Titanium	47-1	0.36	0.42	0.36	0.38	9.62	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.68	ppb
Vanadium	51-2	0.33	0.33	0.32	0.33	1.49	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-04	Instrumnet Name :	P7
Client Sample ID :	P001-SW003-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:13:04	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.06	16.80	13.60	14.49	13.95	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	10.88	ppb
Zirconium	91-1	-0.01	0.00	0.03	0.01	357.84	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-05 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:16:40 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.11	14.62	16.21	14.98	7.29	ppb
Antimony	121-1	1.33	1.45	1.43	1.40	4.35	ppb
Arsenic	75-2	0.71	0.72	0.72	0.72	1.26	ppb
Barium	135-1	39.09	39.39	38.33	38.94	1.40	ppb
Barium	137-1	39.00	39.44	39.22	39.22	0.56	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	103.71	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	11-1	76.40	77.38	76.72	76.83	0.65	ppb
Boron	10-1	74.05	77.45	78.83	76.78	3.20	ppb
Cadmium	106-1	-4.03	-3.33	-4.15	-3.84		ppb
Cadmium	108-1	0.10	0.15	0.11	0.12	23.49	ppb
Cadmium	111-1	-0.24	-0.19	-0.24	-0.22		ppb
Calcium	43-1	28050.17	28494.69	28095.46	28213.44	0.87	ppb
Calcium	44-1	28724.15	29148.34	28642.34	28838.28	0.94	ppb
Chromium	52-2	0.53	0.54	0.54	0.54	1.47	ppb
Cobalt	59-2	0.08	0.09	0.10	0.09	12.48	ppb
Copper	63-2	4.26	4.13	4.15	4.18	1.60	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				106		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				91		%
Iron	56-2	396.00	393.98	397.66	395.88	0.46	ppb
Iron	57-2	463.22	463.42	470.81	465.82	0.93	ppb
Krypton	83-1						cps
Lead	206-1	0.66	0.64	0.68	0.66	3.20	ppb
Lead	207-1	0.66	0.64	0.65	0.65	1.58	ppb
Lead	208-1	0.49	0.48	0.48	0.49	1.21	ppb
Lithium	6-1				120		%
Magnesium	24-2	2035.55	2009.76	2046.85	2030.72	0.94	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-05 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:16:40 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	39.78	38.88	39.23	39.30	1.15	ppb
Molybdenum	94-1	1.82	1.81	1.91	1.85	3.06	ppb
Molybdenum	95-1	2.69	2.65	2.59	2.64	1.94	ppb
Molybdenum	96-1	2.61	2.51	2.58	2.57	1.98	ppb
Molybdenum	97-1	2.68	2.67	2.51	2.62	3.53	ppb
Molybdenum	98-1	2.59	2.61	2.69	2.63	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.11	1.12	1.11	0.55	ppb
Phosphorus	31-2	-2.27	7.39	18.24	7.79	131.77	ppb
Potassium	39-2	8765.77	8712.82	8690.19	8722.93	0.44	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	2.30	0.58	2.03	1.63	56.60	ppb
Selenium	78-2	0.16	0.07	0.31	0.18	68.32	ppb
Selenium	82-1	0.13	0.24	-0.05	0.11	139.39	ppb
Silicon	28-1	444.53	447.43	436.37	442.78	1.30	ppb
Silver	109-1	0.24	0.26	0.20	0.24	12.28	ppb
Silver	107-1	0.24	0.23	0.21	0.23	8.19	ppb
Sodium	23-2	4046.42	4018.27	4032.28	4032.32	0.35	ppb
Strontium	86-1	220.36	216.49	221.84	219.56	1.26	ppb
Strontium	88-1	221.37	219.70	219.65	220.24	0.45	ppb
Sulfur	34-1	1289.09	1478.20	1290.89	1352.73	8.03	ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.02	0.03	0.02	13.83	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	26.21	ppb
Thorium	232-1	0.01	0.01	0.02	0.02	11.02	ppb
Tin	118-1	1.03	1.20	1.16	1.13	7.74	ppb
Titanium	47-1	0.37	0.30	0.30	0.32	11.98	ppb
Uranium	238-1	0.04	0.05	0.04	0.04	5.88	ppb
Vanadium	51-2	0.46	0.51	0.48	0.48	5.18	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-05	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:16:40	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	26.90	27.78	28.34	27.68	2.63	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	12.88	ppb
Zirconium	91-1	0.05	0.02	0.03	0.03	53.73	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-05DUP Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:20:16 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.29	15.32	14.91	15.51	4.59	ppb
Antimony	121-1	1.36	1.43	1.51	1.44	5.38	ppb
Arsenic	75-2	0.76	0.81	0.69	0.76	8.06	ppb
Barium	135-1	39.04	39.49	38.53	39.02	1.24	ppb
Barium	137-1	38.99	39.61	39.34	39.31	0.80	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	32.80	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	11-1	80.09	79.78	80.83	80.24	0.67	ppb
Boron	10-1	80.03	79.64	82.32	80.66	1.80	ppb
Cadmium	106-1	-2.28	-2.60	-3.63	-2.83		ppb
Cadmium	108-1	0.06	0.05	0.15	0.09	64.42	ppb
Cadmium	111-1	-0.12	-0.14	-0.23	-0.16		ppb
Calcium	43-1	28777.51	28824.90	28552.43	28718.28	0.51	ppb
Calcium	44-1	29106.40	29098.19	29261.93	29155.51	0.32	ppb
Chromium	52-2	0.53	0.43	0.55	0.51	13.09	ppb
Cobalt	59-2	0.09	0.09	0.09	0.09	1.48	ppb
Copper	63-2	3.57	3.58	3.62	3.59	0.81	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				105		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	395.96	396.60	395.30	395.95	0.16	ppb
Iron	57-2	467.37	471.22	450.29	462.96	2.41	ppb
Krypton	83-1						cps
Lead	206-1	0.59	0.56	0.56	0.57	2.96	ppb
Lead	207-1	0.57	0.58	0.57	0.57	1.03	ppb
Lead	208-1	0.41	0.40	0.39	0.40	2.06	ppb
Lithium	6-1				115		%
Magnesium	24-2	2065.99	2041.69	2032.53	2046.74	0.84	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-05DUP	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:20:16	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	40.01	39.40	40.31	39.91	1.16	ppb
Molybdenum	94-1	1.97	1.83	2.06	1.95	5.90	ppb
Molybdenum	95-1	2.57	2.74	2.66	2.66	3.09	ppb
Molybdenum	96-1	2.55	2.54	2.48	2.52	1.44	ppb
Molybdenum	97-1	2.69	2.62	2.57	2.63	2.37	ppb
Molybdenum	98-1	2.67	2.60	2.59	2.62	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.13	0.99	1.07	6.66	ppb
Phosphorus	31-2	17.09	7.58	18.28	14.32	40.98	ppb
Potassium	39-2	8781.37	8688.00	8758.30	8742.56	0.56	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	1.73	1.44	2.89	2.02	37.95	ppb
Selenium	78-2	0.40	0.26	0.26	0.31	26.89	ppb
Selenium	82-1	-0.15	-0.17	-0.19	-0.17		ppb
Silicon	28-1	449.90	448.80	450.79	449.83	0.22	ppb
Silver	109-1	0.18	0.19	0.17	0.18	4.68	ppb
Silver	107-1	0.19	0.19	0.17	0.18	8.27	ppb
Sodium	23-2	4068.62	4031.66	4037.63	4045.97	0.49	ppb
Strontium	86-1	219.93	221.65	219.25	220.28	0.56	ppb
Strontium	88-1	221.86	223.51	223.10	222.82	0.38	ppb
Sulfur	34-1	1741.83	1588.02	1656.38	1662.08	4.64	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	36.52	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	29.66	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	10.32	ppb
Tin	118-1	1.13	1.19	1.16	1.16	2.35	ppb
Titanium	47-1	0.38	0.33	0.44	0.38	14.73	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	4.59	ppb
Vanadium	51-2	0.50	0.49	0.46	0.48	4.96	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-05DUP	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:20:16	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	26.68	26.46	26.71	26.62	0.51	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	28.27	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	147.51	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-05LX5 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 5
 Date & Time Acquired :: 2019-08-30 20:23:51 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.15	2.85	3.07	3.02	5.13	ppb
Antimony	121-1	0.31	0.30	0.32	0.31	2.16	ppb
Arsenic	75-2	0.15	0.14	0.16	0.15	6.14	ppb
Barium	135-1	7.63	7.40	7.50	7.51	1.52	ppb
Barium	137-1	7.55	7.47	7.87	7.63	2.79	ppb
Beryllium	9-1	0.00	0.02	0.00	0.01	149.32	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	11-1	24.55	24.65	23.74	24.31	2.05	ppb
Boron	10-1	26.17	23.09	24.13	24.46	6.41	ppb
Cadmium	106-1	-1.90	-3.18	-2.85	-2.65		ppb
Cadmium	108-1	0.03	0.13	0.08	0.08	61.72	ppb
Cadmium	111-1	-0.11	-0.23	-0.20	-0.18		ppb
Calcium	43-1	5407.50	5465.34	5478.59	5450.48	0.69	ppb
Calcium	44-1	5519.82	5457.23	5540.19	5505.75	0.79	ppb
Chromium	52-2	0.14	0.16	0.14	0.14	9.18	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	2.53	2.48	2.41	2.47	2.45	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				103		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	76.57	75.55	77.42	76.51	1.22	ppb
Iron	57-2	94.29	85.96	89.79	90.01	4.63	ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.23	0.23	0.24	9.64	ppb
Lead	207-1	0.25	0.25	0.21	0.24	7.63	ppb
Lead	208-1	0.23	0.21	0.20	0.21	7.01	ppb
Lithium	6-1				102		%
Magnesium	24-2	387.96	391.99	385.07	388.34	0.90	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-05LX5 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 5
 Date & Time Acquired :: 2019-08-30 20:23:51 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.55	7.74	7.83	7.70	1.87	ppb
Molybdenum	94-1	0.39	0.41	0.37	0.39	5.02	ppb
Molybdenum	95-1	0.49	0.50	0.52	0.50	2.36	ppb
Molybdenum	96-1	0.49	0.46	0.47	0.47	3.50	ppb
Molybdenum	97-1	0.52	0.52	0.56	0.53	4.21	ppb
Molybdenum	98-1	0.50	0.46	0.52	0.49	5.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.13	0.20	0.15	33.57	ppb
Phosphorus	31-2	-16.93	-21.36	-2.72	-13.67		ppb
Potassium	39-2	1718.77	1710.85	1709.56	1713.06	0.29	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	0.55	0.56	0.28	0.46	34.61	ppb
Selenium	78-2	-0.34	-0.20	-0.10	-0.21		ppb
Selenium	82-1	-0.02	-0.09	-0.02	-0.04		ppb
Silicon	28-1	86.11	85.33	86.52	85.98	0.70	ppb
Silver	109-1	0.07	0.10	0.08	0.08	14.03	ppb
Silver	107-1	0.09	0.07	0.10	0.09	17.93	ppb
Sodium	23-2	872.22	870.84	866.44	869.83	0.35	ppb
Strontium	86-1	42.45	42.19	42.23	42.29	0.33	ppb
Strontium	88-1	41.88	41.83	42.24	41.99	0.53	ppb
Sulfur	34-1	334.82	308.28	316.58	319.90	4.24	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.00	-0.01	0.00	8401.71	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00	53.61	ppb
Tin	118-1	0.16	0.16	0.16	0.16	1.73	ppb
Titanium	47-1	0.02	0.06	0.07	0.05	45.39	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	45.50	ppb
Vanadium	51-2	0.11	0.10	0.10	0.10	9.76	ppb
Yttrium	89-1				104		%
Yttrium	89-2				94		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-05LX5	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	5
Date & Time Acquired ::	2019-08-30 20:23:51	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	5.33	5.24	5.33	5.30	0.97	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.00	0.00	-0.01		ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:34:58	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51777.25	51893.83	51009.92	51560.33	0.93	ppb
Antimony	121-1	465.26	470.27	470.07	468.53	0.61	ppb
Arsenic	75-2	516.78	518.26	517.12	517.38	0.15	ppb
Barium	135-1	2362.23	2367.32	2376.50	2368.68	0.31	ppb
Barium	137-1	2377.64	2392.91	2378.50	2383.02	0.36	ppb
Beryllium	9-1	489.19	494.66	492.29	492.05	0.56	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	11-1	464.14	473.00	484.27	473.80	2.13	ppb
Boron	10-1	465.28	472.46	477.19	471.64	1.27	ppb
Cadmium	106-1	509.83	516.57	507.37	511.26	0.93	ppb
Cadmium	108-1	510.21	504.06	507.48	507.25	0.61	ppb
Cadmium	111-1	509.41	508.44	508.46	508.77	0.11	ppb
Calcium	43-1	237633.53	235679.32	237187.63	236833.49	0.43	ppb
Calcium	44-1	239246.39	236355.59	237801.49	237801.16	0.61	ppb
Chromium	52-2	490.51	497.40	492.50	493.47	0.72	ppb
Cobalt	59-2	483.04	483.59	485.30	483.97	0.24	ppb
Copper	63-2	1054.99	1077.21	1060.63	1064.28	1.09	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				97		%
Indium	115-2				90		%
Iron	56-2	126137.38	127563.58	126037.96	126579.64	0.67	ppb
Iron	57-2	126472.81	126743.88	126169.47	126462.05	0.23	ppb
Krypton	83-1						cps
Lead	206-1	489.83	492.64	496.61	493.03	0.69	ppb
Lead	207-1	479.79	477.69	478.02	478.50	0.24	ppb
Lead	208-1	488.29	488.55	490.12	488.99	0.20	ppb
Lithium	6-1				88		%
Magnesium	24-2	252285.41	254891.91	249557.57	252244.96	1.06	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:34:58	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	958.29	960.85	948.90	956.01	0.66	ppb
Molybdenum	94-1	2426.96	2443.60	2471.95	2447.50	0.93	ppb
Molybdenum	95-1	2428.68	2446.56	2454.28	2443.17	0.54	ppb
Molybdenum	96-1	2425.76	2461.37	2451.07	2446.07	0.75	ppb
Molybdenum	97-1	2434.30	2488.00	2469.08	2463.79	1.11	ppb
Molybdenum	98-1	2434.77	2478.75	2461.95	2458.49	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.30	486.00	481.54	483.62	0.46	ppb
Phosphorus	31-2	9471.29	9723.53	9353.35	9516.06	1.99	ppb
Potassium	39-2	122757.64	123128.36	122412.04	122766.01	0.29	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	481.08	479.99	472.12	477.73	1.02	ppb
Selenium	78-2	475.65	475.56	479.29	476.83	0.45	ppb
Selenium	82-1	473.91	477.44	472.53	474.63	0.53	ppb
Silicon	28-1	432.19	441.12	439.36	437.55	1.08	ppb
Silver	109-1	501.15	499.70	498.97	499.94	0.22	ppb
Silver	107-1	501.18	503.54	507.58	504.10	0.64	ppb
Sodium	23-2	250617.45	252688.25	251470.97	251592.22	0.41	ppb
Strontium	86-1	482.33	481.39	481.50	481.74	0.11	ppb
Strontium	88-1	489.24	488.83	487.74	488.61	0.16	ppb
Sulfur	34-1	10062.67	9842.18	9890.24	9931.70	1.17	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	489.71	490.80	491.18	490.57	0.16	ppb
Thallium	205-1	491.48	490.52	497.37	493.12	0.75	ppb
Thorium	232-1	507.29	504.34	509.49	507.04	0.51	ppb
Tin	118-1	462.76	462.75	460.90	462.14	0.23	ppb
Titanium	47-1	2398.92	2365.33	2381.58	2381.94	0.71	ppb
Uranium	238-1	510.20	507.12	513.41	510.24	0.62	ppb
Vanadium	51-2	485.51	488.81	485.28	486.53	0.41	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:34:58	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	974.72	982.96	967.75	975.14	0.78	ppb
Zirconium	90-1	485.90	487.14	490.57	487.87	0.50	ppb
Zirconium	91-1	478.66	478.12	483.54	480.11	0.62	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:46:53	DataFile Name :	031LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.84	19.33	20.53	20.56	6.11	ppb
Antimony	121-1	1.97	1.98	1.94	1.96	0.96	ppb
Arsenic	75-2	0.97	0.97	1.14	1.03	9.84	ppb
Barium	135-1	9.48	9.53	9.39	9.47	0.77	ppb
Barium	137-1	9.67	9.58	9.76	9.67	0.89	ppb
Beryllium	9-1	0.98	0.93	0.99	0.97	3.51	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	11-1	28.58	27.07	28.46	28.04	2.98	ppb
Boron	10-1	28.01	27.47	27.96	27.81	1.07	ppb
Cadmium	106-1	-0.50	-1.08	-1.42	-1.00		ppb
Cadmium	108-1	1.13	1.01	0.85	1.00	13.86	ppb
Cadmium	111-1	0.82	0.85	0.78	0.82	4.49	ppb
Calcium	43-1	500.49	507.83	503.83	504.05	0.73	ppb
Calcium	44-1	481.55	483.81	478.15	481.17	0.59	ppb
Chromium	52-2	2.08	2.03	2.23	2.11	4.74	ppb
Cobalt	59-2	1.00	1.01	1.07	1.03	3.61	ppb
Copper	63-2	2.30	2.27	2.40	2.32	2.77	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				104		%
Indium	115-2				95		%
Iron	56-2	56.89	56.25	60.15	57.76	3.61	ppb
Iron	57-2	61.36	56.89	61.44	59.90	4.35	ppb
Krypton	83-1						cps
Lead	206-1	1.21	1.23	1.20	1.22	0.93	ppb
Lead	207-1	1.21	1.22	1.21	1.21	0.24	ppb
Lead	208-1	1.19	1.22	1.19	1.20	1.63	ppb
Lithium	6-1				96		%
Magnesium	24-2	560.72	555.85	582.49	566.35	2.50	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:46:53	DataFile Name :	031LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.09	1.07	1.01	1.06	4.34	ppb
Molybdenum	94-1	4.76	4.70	4.52	4.66	2.71	ppb
Molybdenum	95-1	4.85	4.55	4.66	4.69	3.17	ppb
Molybdenum	96-1	4.77	4.78	4.72	4.76	0.73	ppb
Molybdenum	97-1	4.71	4.56	4.74	4.67	2.02	ppb
Molybdenum	98-1	4.76	4.67	4.60	4.67	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	1.02	1.10	1.01	8.77	ppb
Phosphorus	31-2	17.00	15.84	31.58	21.48	40.85	ppb
Potassium	39-2	516.13	504.28	546.71	522.37	4.19	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	4.59	7.09	5.44	5.71	22.23	ppb
Selenium	78-2	6.55	4.71	5.98	5.75	16.45	ppb
Selenium	82-1	5.49	5.08	5.65	5.40	5.45	ppb
Silicon	28-1	7.15	6.65	6.71	6.84	4.01	ppb
Silver	109-1	1.05	1.00	1.04	1.03	2.21	ppb
Silver	107-1	1.04	1.03	0.99	1.02	2.89	ppb
Sodium	23-2	561.32	557.60	590.10	569.67	3.12	ppb
Strontium	86-1	0.90	0.98	0.93	0.94	4.42	ppb
Strontium	88-1	0.97	0.97	0.98	0.97	0.51	ppb
Sulfur	34-1	312.37	255.50	260.03	275.97	11.45	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.97	0.94	0.95	0.95	1.22	ppb
Thallium	205-1	0.95	0.94	0.95	0.95	0.68	ppb
Thorium	232-1	0.88	0.87	0.86	0.87	1.15	ppb
Tin	118-1	4.94	5.08	5.04	5.02	1.41	ppb
Titanium	47-1	5.14	5.23	4.71	5.03	5.55	ppb
Uranium	238-1	0.90	0.88	0.87	0.89	1.93	ppb
Vanadium	51-2	5.16	5.19	5.45	5.27	3.04	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:46:53	DataFile Name :	031LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.97	2.09	2.18	2.08	5.12	ppb
Zirconium	90-1	0.93	0.89	0.89	0.90	2.77	ppb
Zirconium	91-1	0.88	0.93	0.92	0.91	2.57	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : CCB91 Instrumnet Name : P7
 Client Sample ID : CCB91 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:51:46 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	-0.01	-0.15	-0.08		ppb
Antimony	121-1	0.03	0.02	0.04	0.03	28.29	ppb
Arsenic	75-2	0.00	-0.03	-0.02	-0.02		ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.00	-0.01	-0.01	0.00		ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	34.64	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	11-1	4.57	4.38	4.25	4.40	3.68	ppb
Boron	10-1	4.25	4.83	4.36	4.48	6.92	ppb
Cadmium	106-1	-1.55	-1.13	-0.42	-1.03		ppb
Cadmium	108-1	-0.03	-0.04	-0.02	-0.03		ppb
Cadmium	111-1	-0.12	-0.08	-0.03	-0.08		ppb
Calcium	43-1	1.20	0.92	-0.10	0.67	101.69	ppb
Calcium	44-1	-5.68	-6.68	-6.61	-6.32		ppb
Chromium	52-2	0.03	0.02	0.03	0.03	11.19	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.19	0.14	0.18	0.17	15.60	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				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	0.02	0.08	0.03	0.05	67.47	ppb
Iron	57-2	0.04	-0.16	-0.54	-0.22		ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.24	0.22	0.24	4.28	ppb
Lead	207-1	0.27	0.26	0.22	0.25	9.50	ppb
Lead	208-1	0.26	0.26	0.24	0.25	5.01	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.14	-0.05	-0.10	0.00		ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:51:46	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.02	0.01	61.11	ppb
Molybdenum	94-1	0.05	0.07	0.03	0.05	40.71	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	23.95	ppb
Molybdenum	96-1	0.02	0.03	0.00	0.02	71.45	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	20.25	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	22.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.10	-0.10	-0.10		ppb
Phosphorus	31-2	-27.26	-27.39	-35.72	-30.13		ppb
Potassium	39-2	21.42	19.31	18.77	19.83	7.06	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	0.12	0.30	0.15	94.31	ppb
Selenium	82-1	-0.27	-0.19	0.00	-0.15		ppb
Silicon	28-1	-0.81	-0.91	-0.86	-0.86		ppb
Silver	109-1	0.02	0.01	0.02	0.02	22.19	ppb
Silver	107-1	0.01	0.02	0.02	0.02	14.79	ppb
Sodium	23-2	23.57	23.73	23.42	23.58	0.65	ppb
Strontium	86-1	0.01	0.00	0.02	0.01	109.92	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	263.43	ppb
Sulfur	34-1	840.83	822.43	793.30	818.85	2.93	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.03	0.02	0.02	34.96	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.60	ppb
Thorium	232-1	0.01	0.01	0.02	0.01	6.98	ppb
Tin	118-1	0.01	0.01	0.00	0.01	49.84	ppb
Titanium	47-1	0.01	-0.03	-0.03	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	193.17	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:51:46	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.14	-0.16	-0.05	-0.11		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	32.02	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	26.33	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-06 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:55:23 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10563.32	10505.01	10362.02	10476.78	0.99	ppb
Antimony	121-1	511.86	508.81	508.00	509.55	0.40	ppb
Arsenic	75-2	531.46	526.46	531.79	529.90	0.56	ppb
Barium	135-1	2642.70	2613.19	2597.13	2617.67	0.88	ppb
Barium	137-1	2614.59	2600.47	2607.65	2607.57	0.27	ppb
Beryllium	9-1	427.47	419.03	407.54	418.01	2.39	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	11-1	488.38	483.41	493.40	488.40	1.02	ppb
Boron	10-1	486.94	491.50	489.87	489.44	0.47	ppb
Cadmium	106-1	483.39	479.54	477.21	480.05	0.65	ppb
Cadmium	108-1	487.84	477.19	482.92	482.65	1.10	ppb
Cadmium	111-1	486.21	491.29	485.16	487.55	0.67	ppb
Calcium	43-1	76682.71	77584.33	77466.19	77244.41	0.63	ppb
Calcium	44-1	78668.17	79164.38	79079.02	78970.52	0.34	ppb
Chromium	52-2	524.61	523.50	520.15	522.75	0.44	ppb
Cobalt	59-2	529.31	532.00	526.07	529.13	0.56	ppb
Copper	63-2	1114.82	1115.23	1110.27	1113.44	0.25	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				103		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				86		%
Iron	56-2	29040.23	28904.15	28810.16	28918.18	0.40	ppb
Iron	57-2	28354.22	28399.54	28188.79	28314.18	0.39	ppb
Krypton	83-1						cps
Lead	206-1	495.36	503.66	511.72	503.58	1.63	ppb
Lead	207-1	503.99	510.88	518.21	511.03	1.39	ppb
Lead	208-1	499.73	505.66	510.80	505.40	1.10	ppb
Lithium	6-1				114		%
Magnesium	24-2	57314.38	57000.05	56740.64	57018.35	0.50	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-06 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:55:23 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1138.04	1136.75	1132.18	1135.66	0.27	ppb
Molybdenum	94-1	2438.92	2450.94	2462.20	2450.68	0.48	ppb
Molybdenum	95-1	2443.68	2456.17	2450.47	2450.10	0.26	ppb
Molybdenum	96-1	2445.56	2483.29	2459.99	2462.95	0.77	ppb
Molybdenum	97-1	2453.15	2485.53	2479.36	2472.68	0.70	ppb
Molybdenum	98-1	2473.35	2484.99	2481.71	2480.02	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	539.00	541.60	537.16	539.25	0.41	ppb
Phosphorus	31-2	16.12	18.96	6.29	13.79	48.21	ppb
Potassium	39-2	35565.52	35697.98	35153.56	35472.35	0.80	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	502.82	512.50	479.83	498.38	3.37	ppb
Selenium	78-2	513.64	497.69	499.46	503.60	1.74	ppb
Selenium	82-1	509.90	508.49	510.62	509.67	0.21	ppb
Silicon	28-1	930.58	958.99	979.51	956.36	2.57	ppb
Silver	109-1	471.61	470.01	468.14	469.92	0.37	ppb
Silver	107-1	473.22	470.60	471.21	471.67	0.29	ppb
Sodium	23-2	60236.85	60562.40	59807.35	60202.20	0.63	ppb
Strontium	86-1	697.89	696.21	691.92	695.34	0.44	ppb
Strontium	88-1	702.61	705.19	703.76	703.85	0.18	ppb
Sulfur	34-1	1755.03	1660.10	1554.40	1656.51	6.06	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	483.07	492.94	497.11	491.04	1.47	ppb
Thallium	205-1	483.86	496.65	498.15	492.89	1.59	ppb
Thorium	232-1	0.11	0.11	0.11	0.11	1.43	ppb
Tin	118-1	493.18	503.06	504.62	500.29	1.24	ppb
Titanium	47-1	2523.73	2524.35	2520.86	2522.98	0.07	ppb
Uranium	238-1	483.10	500.07	490.16	491.11	1.74	ppb
Vanadium	51-2	513.64	510.12	508.76	510.84	0.49	ppb
Yttrium	89-1				98		%
Yttrium	89-2				89		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-06	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:55:23	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1078.49	1078.48	1065.06	1074.01	0.72	ppb
Zirconium	90-1	481.23	483.95	483.88	483.02	0.32	ppb
Zirconium	91-1	475.23	479.68	479.47	478.13	0.53	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-07 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:58:59 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10442.88	10350.11	10828.35	10540.44	2.41	ppb
Antimony	121-1	490.87	486.65	497.08	491.53	1.07	ppb
Arsenic	75-2	517.36	520.07	541.90	526.44	2.56	ppb
Barium	135-1	2513.51	2484.48	2564.08	2520.69	1.60	ppb
Barium	137-1	2515.97	2490.63	2548.53	2518.38	1.15	ppb
Beryllium	9-1	390.63	392.24	393.93	392.26	0.42	ppb
Bismuth	209-1				99		%
Bismuth	209-2				89		%
Boron	11-1	486.94	495.45	493.48	491.96	0.91	ppb
Boron	10-1	480.68	495.32	508.07	494.69	2.77	ppb
Cadmium	106-1	445.30	446.63	447.83	446.59	0.28	ppb
Cadmium	108-1	460.35	454.37	460.38	458.37	0.76	ppb
Cadmium	111-1	465.92	462.70	465.25	464.62	0.37	ppb
Calcium	43-1	75467.15	76229.78	77179.77	76292.23	1.12	ppb
Calcium	44-1	77633.11	77899.15	78862.44	78131.57	0.83	ppb
Chromium	52-2	514.04	516.19	536.49	522.24	2.37	ppb
Cobalt	59-2	526.20	521.59	547.11	531.63	2.56	ppb
Copper	63-2	1103.09	1090.16	1149.32	1114.19	2.79	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				105		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				83		%
Iron	56-2	28584.69	28418.76	29958.64	28987.36	2.92	ppb
Iron	57-2	28007.31	28002.14	29367.30	28458.91	2.76	ppb
Krypton	83-1						cps
Lead	206-1	497.42	499.03	506.05	500.83	0.92	ppb
Lead	207-1	505.58	508.58	513.65	509.27	0.80	ppb
Lead	208-1	501.11	503.17	508.37	504.21	0.74	ppb
Lithium	6-1				113		%
Magnesium	24-2	57081.11	55913.77	58885.40	57293.43	2.61	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-07	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:58:59	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1110.26	1109.64	1171.90	1130.60	3.16	ppb
Molybdenum	94-1	2351.73	2365.62	2387.03	2368.13	0.75	ppb
Molybdenum	95-1	2380.82	2373.61	2396.15	2383.53	0.48	ppb
Molybdenum	96-1	2388.10	2377.19	2396.40	2387.23	0.40	ppb
Molybdenum	97-1	2396.81	2384.21	2423.72	2401.58	0.84	ppb
Molybdenum	98-1	2393.64	2391.80	2422.56	2402.67	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.07	532.03	560.96	543.02	2.89	ppb
Phosphorus	31-2	19.14	9.42	7.14	11.90	53.54	ppb
Potassium	39-2	34867.40	34957.68	36739.15	35521.41	2.97	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				96		%
Scandium	45-2				87		%
Selenium	77-2	478.78	497.90	510.44	495.71	3.22	ppb
Selenium	78-2	504.60	497.59	526.14	509.44	2.92	ppb
Selenium	82-1	487.35	491.09	492.16	490.20	0.52	ppb
Silicon	28-1	907.92	928.49	955.31	930.57	2.55	ppb
Silver	109-1	451.52	444.37	451.49	449.13	0.92	ppb
Silver	107-1	451.13	447.79	453.15	450.69	0.60	ppb
Sodium	23-2	58541.59	58276.76	61109.58	59309.31	2.64	ppb
Strontium	86-1	671.51	667.41	678.07	672.33	0.80	ppb
Strontium	88-1	680.06	679.85	692.37	684.09	1.05	ppb
Sulfur	34-1	821.71	707.02	865.03	797.92	10.23	ppb
Terbium	159-1				104		%
Terbium	159-2				94		%
Thallium	203-1	485.71	490.80	498.18	491.56	1.28	ppb
Thallium	205-1	483.87	485.81	495.32	488.33	1.26	ppb
Thorium	232-1	0.05	0.05	0.06	0.05	10.27	ppb
Tin	118-1	490.01	475.74	482.04	482.60	1.48	ppb
Titanium	47-1	2436.04	2408.27	2452.68	2432.33	0.92	ppb
Uranium	238-1	485.13	491.05	497.35	491.18	1.24	ppb
Vanadium	51-2	504.35	505.77	527.69	512.60	2.55	ppb
Yttrium	89-1				98		%
Yttrium	89-2				86		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-07	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:58:59	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1064.68	1057.23	1107.63	1076.51	2.53	ppb
Zirconium	90-1	467.62	465.36	467.06	466.68	0.25	ppb
Zirconium	91-1	457.66	461.52	462.08	460.42	0.52	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-05A Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 21:02:36 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10325.21	10459.86	10246.14	10343.74	1.04	ppb
Antimony	121-1	499.15	495.19	493.04	495.79	0.63	ppb
Arsenic	75-2	520.79	520.53	522.10	521.14	0.16	ppb
Barium	135-1	2573.86	2542.86	2555.95	2557.56	0.61	ppb
Barium	137-1	2574.65	2548.95	2545.30	2556.30	0.63	ppb
Beryllium	9-1	409.40	401.11	403.34	404.62	1.06	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	11-1	518.39	522.55	521.89	520.94	0.43	ppb
Boron	10-1	528.24	519.79	524.55	524.20	0.81	ppb
Cadmium	106-1	460.59	447.81	451.92	453.44	1.44	ppb
Cadmium	108-1	462.98	458.65	456.29	459.31	0.74	ppb
Cadmium	111-1	476.05	464.19	466.16	468.80	1.36	ppb
Calcium	43-1	78593.21	77194.58	76867.87	77551.89	1.18	ppb
Calcium	44-1	80401.18	79201.82	78929.98	79510.99	0.98	ppb
Chromium	52-2	513.07	522.65	512.51	516.08	1.10	ppb
Cobalt	59-2	523.49	529.09	521.05	524.54	0.79	ppb
Copper	63-2	1099.31	1107.89	1092.11	1099.77	0.72	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				105		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				85		%
Iron	56-2	28626.77	28869.84	28425.56	28640.72	0.78	ppb
Iron	57-2	28049.94	28216.40	27861.02	28042.45	0.63	ppb
Krypton	83-1						cps
Lead	206-1	507.49	515.55	511.73	511.59	0.79	ppb
Lead	207-1	521.55	524.56	522.00	522.70	0.31	ppb
Lead	208-1	514.92	516.92	516.55	516.13	0.21	ppb
Lithium	6-1				109		%
Magnesium	24-2	56505.87	56696.36	55724.32	56308.85	0.91	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-05A Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 21:02:36 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1114.10	1119.96	1107.16	1113.74	0.58	ppb
Molybdenum	94-1	2425.81	2404.17	2405.27	2411.75	0.51	ppb
Molybdenum	95-1	2435.09	2405.11	2409.36	2416.52	0.67	ppb
Molybdenum	96-1	2405.18	2401.97	2422.66	2409.93	0.46	ppb
Molybdenum	97-1	2432.78	2420.09	2430.24	2427.70	0.28	ppb
Molybdenum	98-1	2444.15	2423.74	2430.40	2432.77	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	535.60	536.92	532.47	535.00	0.43	ppb
Phosphorus	31-2	7.17	0.10	11.51	6.26	92.02	ppb
Potassium	39-2	35031.80	34953.78	34739.56	34908.38	0.43	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	498.66	483.87	479.68	487.40	2.05	ppb
Selenium	78-2	485.59	493.02	492.38	490.33	0.84	ppb
Selenium	82-1	497.51	490.12	491.55	493.06	0.79	ppb
Silicon	28-1	954.09	973.08	986.29	971.15	1.67	ppb
Silver	109-1	454.06	455.24	447.53	452.28	0.92	ppb
Silver	107-1	460.01	452.41	450.96	454.46	1.07	ppb
Sodium	23-2	58781.91	58757.69	58415.59	58651.73	0.35	ppb
Strontium	86-1	696.37	679.26	685.47	687.04	1.26	ppb
Strontium	88-1	703.69	689.66	694.22	695.86	1.03	ppb
Sulfur	34-1	877.84	720.35	711.09	769.76	12.17	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	503.04	501.18	501.79	502.00	0.19	ppb
Thallium	205-1	503.06	507.25	497.85	502.72	0.94	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	6.00	ppb
Tin	118-1	496.05	491.50	476.18	487.91	2.13	ppb
Titanium	47-1	2517.74	2471.24	2493.87	2494.28	0.93	ppb
Uranium	238-1	505.09	499.58	503.72	502.79	0.57	ppb
Vanadium	51-2	502.23	509.06	503.24	504.84	0.73	ppb
Yttrium	89-1				97		%
Yttrium	89-2				88		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-05A	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:02:36	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1054.43	1066.72	1047.43	1056.19	0.92	ppb
Zirconium	90-1	473.99	474.21	472.11	473.44	0.24	ppb
Zirconium	91-1	469.83	466.90	464.42	467.05	0.58	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-08 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 21:06:13 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.93	15.49	17.16	15.86	7.30	ppb
Antimony	121-1	1.30	1.33	1.38	1.34	3.25	ppb
Arsenic	75-2	0.72	0.68	0.70	0.70	2.76	ppb
Barium	135-1	39.33	38.71	38.16	38.73	1.51	ppb
Barium	137-1	38.92	38.88	38.30	38.70	0.90	ppb
Beryllium	9-1	0.09	0.08	0.07	0.08	12.24	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	11-1	106.68	105.31	104.63	105.54	0.99	ppb
Boron	10-1	110.15	105.44	104.86	106.82	2.72	ppb
Cadmium	106-1	-4.61	-3.90	-2.32	-3.61		ppb
Cadmium	108-1	0.26	0.21	0.11	0.19	39.70	ppb
Cadmium	111-1	-0.23	-0.16	-0.07	-0.15		ppb
Calcium	43-1	28187.95	27907.85	28079.25	28058.35	0.50	ppb
Calcium	44-1	29056.58	28853.19	28997.73	28969.17	0.36	ppb
Chromium	52-2	0.53	0.54	0.52	0.53	2.06	ppb
Cobalt	59-2	0.11	0.11	0.10	0.11	8.37	ppb
Copper	63-2	3.44	3.43	3.46	3.44	0.36	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				106		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				88		%
Iron	56-2	403.94	400.86	406.89	403.90	0.75	ppb
Iron	57-2	465.91	466.54	465.87	466.11	0.08	ppb
Krypton	83-1						cps
Lead	206-1	0.55	0.51	0.52	0.53	3.28	ppb
Lead	207-1	0.54	0.52	0.51	0.53	2.53	ppb
Lead	208-1	0.37	0.35	0.34	0.35	4.22	ppb
Lithium	6-1				108		%
Magnesium	24-2	2053.43	2035.93	2069.63	2052.99	0.82	ppb

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-08 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 21:06:13 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	39.65	39.22	40.07	39.65	1.07	ppb
Molybdenum	94-1	2.41	2.27	2.20	2.29	4.52	ppb
Molybdenum	95-1	3.12	2.93	3.00	3.02	3.10	ppb
Molybdenum	96-1	2.90	2.91	2.77	2.86	2.78	ppb
Molybdenum	97-1	3.20	3.06	2.95	3.07	4.05	ppb
Molybdenum	98-1	3.07	3.05	2.99	3.04	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.13	1.02	1.10	6.69	ppb
Phosphorus	31-2	9.56	12.48	14.33	12.12	19.82	ppb
Potassium	39-2	8832.67	8726.61	8830.68	8796.65	0.69	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				88		%
Selenium	77-2	1.79	2.36	1.80	1.98	16.33	ppb
Selenium	78-2	0.15	0.19	0.15	0.16	12.12	ppb
Selenium	82-1	0.45	0.08	0.30	0.28	68.38	ppb
Silicon	28-1	450.47	443.98	442.33	445.59	0.97	ppb
Silver	109-1	0.20	0.19	0.17	0.19	6.56	ppb
Silver	107-1	0.20	0.17	0.16	0.18	12.85	ppb
Sodium	23-2	4007.66	4001.38	4044.78	4017.94	0.58	ppb
Strontium	86-1	221.18	218.06	215.09	218.11	1.39	ppb
Strontium	88-1	224.11	222.57	218.90	221.86	1.21	ppb
Sulfur	34-1	1109.83	1069.37	991.74	1056.98	5.68	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	0.19	0.16	0.14	0.16	15.76	ppb
Thallium	205-1	0.20	0.16	0.14	0.17	17.84	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	63.57	ppb
Tin	118-1	2.09	2.02	1.96	2.02	3.26	ppb
Titanium	47-1	0.62	0.54	0.49	0.55	11.20	ppb
Uranium	238-1	0.09	0.08	0.07	0.08	11.97	ppb
Vanadium	51-2	0.46	0.44	0.48	0.46	3.87	ppb
Yttrium	89-1				98		%
Yttrium	89-2				88		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-08	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:06:13	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.59	11.74	11.41	11.58	1.43	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	2.65	ppb
Zirconium	91-1	0.13	0.10	0.09	0.11	20.41	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4586-13DLX20	Instrumnet Name :	P7
Client Sample ID :	MH12L7	Dilution Factor :	20
Date & Time Acquired ::	2019-08-30 21:09:49	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	197.50	194.27	192.38	194.72	1.33	ppb
Antimony	121-1	0.31	0.30	0.30	0.30	2.52	ppb
Arsenic	75-2	0.25	0.29	0.20	0.25	17.76	ppb
Barium	135-1	8.30	8.39	8.36	8.35	0.55	ppb
Barium	137-1	8.49	8.18	8.24	8.30	1.99	ppb
Beryllium	9-1	0.06	0.06	0.06	0.06	1.23	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	11-1	24.34	22.61	22.03	22.99	5.22	ppb
Boron	10-1	23.24	22.06	21.43	22.24	4.12	ppb
Cadmium	106-1	0.38	-1.93	-0.62	-0.73		ppb
Cadmium	108-1	0.42	0.25	0.35	0.34	25.29	ppb
Cadmium	111-1	0.11	-0.05	0.06	0.04	208.98	ppb
Calcium	43-1	1550.48	1542.87	1515.66	1536.34	1.19	ppb
Calcium	44-1	1563.13	1516.12	1519.72	1532.99	1.71	ppb
Chromium	52-2	1.30	1.20	1.32	1.27	5.12	ppb
Cobalt	59-2	0.33	0.34	0.33	0.33	1.93	ppb
Copper	63-2	12.59	12.72	12.60	12.64	0.56	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				108		%
Indium	115-2				95		%
Iron	56-2	732.83	740.42	744.33	739.19	0.79	ppb
Iron	57-2	740.36	753.77	765.83	753.32	1.69	ppb
Krypton	83-1						cps
Lead	206-1	451.43	447.62	441.05	446.70	1.17	ppb
Lead	207-1	414.56	408.02	406.43	409.67	1.05	ppb
Lead	208-1	446.65	441.37	438.24	442.09	0.96	ppb
Lithium	6-1				97		%
Magnesium	24-2	225.13	224.51	227.75	225.80	0.76	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4586-13DLX20	Instrumnet Name :	P7
Client Sample ID :	MH12L7	Dilution Factor :	20
Date & Time Acquired ::	2019-08-30 21:09:49	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.35	14.31	14.31	14.32	0.17	ppb
Molybdenum	94-1	2.47	2.96	2.38	2.60	12.18	ppb
Molybdenum	95-1	0.14	0.14	0.15	0.14	4.18	ppb
Molybdenum	96-1	0.39	0.61	0.40	0.47	27.48	ppb
Molybdenum	97-1	0.16	0.14	0.13	0.14	9.01	ppb
Molybdenum	98-1	0.15	0.14	0.14	0.14	4.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.96	2.02	2.14	2.04	4.42	ppb
Phosphorus	31-2	78.59	122.75	105.02	102.12	21.76	ppb
Potassium	39-2	340.19	349.11	351.78	347.03	1.75	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	0.55	0.83	0.00	0.46	91.87	ppb
Selenium	78-2	0.07	0.26	-0.06	0.09	176.36	ppb
Selenium	82-1	-0.08	0.10	-0.27	-0.08		ppb
Silicon	28-1	71.37	70.18	67.77	69.77	2.63	ppb
Silver	109-1	0.23	0.23	0.21	0.22	3.93	ppb
Silver	107-1	0.23	0.23	0.23	0.23	2.14	ppb
Sodium	23-2	1727.37	1723.66	1739.61	1730.21	0.48	ppb
Strontium	86-1	5.93	5.71	5.82	5.82	1.85	ppb
Strontium	88-1	5.73	5.66	5.65	5.68	0.71	ppb
Sulfur	34-1	532.58	323.40	352.02	402.67	28.17	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.03	0.04	12.79	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	14.79	ppb
Thorium	232-1	0.01	0.00	0.00	0.00	40.25	ppb
Tin	118-1	0.32	0.31	0.30	0.31	4.30	ppb
Titanium	47-1	4.44	4.20	4.04	4.23	4.72	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	14.40	ppb
Vanadium	51-2	0.44	0.43	0.45	0.44	1.62	ppb
Yttrium	89-1				106		%
Yttrium	89-2				95		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4586-13DLX20	Instrumnet Name :	P7
Client Sample ID :	MH12L7	Dilution Factor :	20
Date & Time Acquired ::	2019-08-30 21:09:49	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	364.41	361.62	365.65	363.89	0.57	ppb
Zirconium	90-1	1.60	1.58	1.79	1.66	7.12	ppb
Zirconium	91-1	1.97	1.63	1.67	1.76	10.50	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P7
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:15:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51644.37	51377.09	50934.46	51318.64	0.70	ppb
Antimony	121-1	463.84	447.68	467.31	459.61	2.28	ppb
Arsenic	75-2	491.41	492.13	489.35	490.96	0.29	ppb
Barium	135-1	2357.46	2279.32	2364.49	2333.76	2.03	ppb
Barium	137-1	2363.86	2272.72	2365.16	2333.91	2.27	ppb
Beryllium	9-1	487.62	475.02	491.42	484.69	1.77	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Boron	11-1	485.66	477.37	505.61	489.55	2.97	ppb
Boron	10-1	491.75	478.27	498.20	489.40	2.08	ppb
Cadmium	106-1	460.96	444.37	469.52	458.28	2.79	ppb
Cadmium	108-1	468.81	443.81	471.33	461.32	3.30	ppb
Cadmium	111-1	461.72	446.54	463.41	457.22	2.03	ppb
Calcium	43-1	240497.08	229439.07	234828.20	234921.45	2.35	ppb
Calcium	44-1	239909.52	228657.80	236842.17	235136.50	2.47	ppb
Chromium	52-2	495.55	494.29	488.13	492.66	0.81	ppb
Cobalt	59-2	480.90	480.09	476.45	479.15	0.49	ppb
Copper	63-2	1046.10	1045.31	1038.94	1043.45	0.38	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				106		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	126436.34	126317.18	125360.44	126037.99	0.47	ppb
Iron	57-2	126470.43	126048.86	125449.16	125989.48	0.41	ppb
Krypton	83-1						cps
Lead	206-1	494.97	474.94	498.75	489.55	2.61	ppb
Lead	207-1	477.36	456.80	478.95	471.04	2.62	ppb
Lead	208-1	487.34	468.98	489.80	482.04	2.36	ppb
Lithium	6-1				85		%
Magnesium	24-2	253899.32	251874.05	251045.82	252273.06	0.58	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P7
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:15:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	953.17	950.49	943.02	948.89	0.55	ppb
Molybdenum	94-1	2433.88	2353.58	2431.71	2406.39	1.90	ppb
Molybdenum	95-1	2427.90	2353.04	2425.91	2402.28	1.78	ppb
Molybdenum	96-1	2428.26	2347.41	2426.17	2400.61	1.92	ppb
Molybdenum	97-1	2424.03	2360.88	2435.85	2406.92	1.67	ppb
Molybdenum	98-1	2419.20	2368.77	2435.24	2407.74	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.09	481.66	477.99	480.25	0.41	ppb
Phosphorus	31-2	9294.19	9472.16	9405.70	9390.68	0.96	ppb
Potassium	39-2	123182.72	123022.16	121283.33	122496.07	0.86	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	475.13	456.81	441.31	457.75	3.70	ppb
Selenium	78-2	465.38	457.89	460.99	461.42	0.82	ppb
Selenium	82-1	457.80	439.53	453.76	450.37	2.13	ppb
Silicon	28-1	432.14	418.60	439.53	430.09	2.47	ppb
Silver	109-1	461.66	449.51	464.47	458.55	1.73	ppb
Silver	107-1	464.22	450.53	468.73	461.16	2.06	ppb
Sodium	23-2	253595.36	252483.48	249512.46	251863.77	0.84	ppb
Strontium	86-1	479.74	463.36	473.30	472.14	1.75	ppb
Strontium	88-1	485.68	468.98	484.32	479.66	1.93	ppb
Sulfur	34-1	9705.18	8858.38	9296.52	9286.69	4.56	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	493.35	479.24	492.77	488.46	1.63	ppb
Thallium	205-1	494.41	477.70	494.33	488.81	1.97	ppb
Thorium	232-1	507.30	494.22	506.69	502.74	1.47	ppb
Tin	118-1	454.33	436.41	457.69	449.47	2.55	ppb
Titanium	47-1	2392.98	2279.59	2348.10	2340.22	2.44	ppb
Uranium	238-1	507.23	491.63	505.59	501.48	1.71	ppb
Vanadium	51-2	487.82	486.02	483.00	485.61	0.50	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P7
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:15:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1022.43	1020.15	1010.53	1017.70	0.62	ppb
Zirconium	90-1	485.86	473.43	487.97	482.42	1.63	ppb
Zirconium	91-1	477.73	460.82	475.60	471.38	1.95	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P7
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:25:57	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.85	0.38	0.39	0.54	50.62	ppb
Antimony	121-1	0.10	0.10	0.12	0.11	11.50	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00		ppb
Barium	135-1	-0.01	0.01	0.00	0.00	612.94	ppb
Barium	137-1	0.02	0.04	0.02	0.03	32.22	ppb
Beryllium	9-1	0.05	0.05	0.04	0.05	19.56	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	11-1	9.74	9.28	9.02	9.35	3.90	ppb
Boron	10-1	9.53	9.77	9.36	9.55	2.18	ppb
Cadmium	106-1	-1.53	-0.98	-1.56	-1.36		ppb
Cadmium	108-1	0.00	0.15	0.02	0.06	152.10	ppb
Cadmium	111-1	-0.10	-0.06	-0.11	-0.09		ppb
Calcium	43-1	2.84	2.54	0.78	2.05	54.33	ppb
Calcium	44-1	0.43	-0.76	-0.16	-0.17		ppb
Chromium	52-2	0.06	0.03	0.03	0.04	42.48	ppb
Cobalt	59-2	-0.02	-0.02	-0.03	-0.02		ppb
Copper	63-2	0.20	0.20	0.23	0.21	8.68	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				105		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	1.61	1.53	1.74	1.63	6.24	ppb
Iron	57-2	1.20	1.42	1.78	1.47	19.86	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.19	0.21	0.20	5.09	ppb
Lead	207-1	0.22	0.19	0.19	0.20	9.58	ppb
Lead	208-1	0.22	0.20	0.21	0.21	3.52	ppb
Lithium	6-1				93		%
Magnesium	24-2	2.55	2.97	3.10	2.87	10.04	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P7
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:25:57	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.04	0.02	0.02	45.71	ppb
Molybdenum	94-1	0.10	0.07	0.07	0.08	23.28	ppb
Molybdenum	95-1	0.07	0.07	0.07	0.07	2.62	ppb
Molybdenum	96-1	0.08	0.07	0.09	0.08	6.98	ppb
Molybdenum	97-1	0.08	0.08	0.09	0.08	10.09	ppb
Molybdenum	98-1	0.08	0.06	0.07	0.07	13.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.06	-0.09	-0.08		ppb
Phosphorus	31-2	-27.71	-38.77	-37.27	-34.58		ppb
Potassium	39-2	23.03	20.63	27.03	23.56	13.74	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.27	0.00	0.09	173.21	ppb
Selenium	78-2	-0.03	-0.04	-0.03	-0.03		ppb
Selenium	82-1	0.01	-0.18	-0.07	-0.08		ppb
Silicon	28-1	-1.21	-0.89	-1.20	-1.10		ppb
Silver	109-1	0.04	0.04	0.03	0.04	14.50	ppb
Silver	107-1	0.03	0.03	0.03	0.03	12.92	ppb
Sodium	23-2	37.22	34.89	35.59	35.90	3.32	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	286.72	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	32.52	ppb
Sulfur	34-1	350.63	309.43	333.34	331.13	6.25	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.04	0.03	30.50	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.03	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	5.88	ppb
Tin	118-1	0.04	0.02	0.03	0.03	36.14	ppb
Titanium	47-1	0.02	0.03	0.00	0.02	84.10	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	112.62	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	27.77	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P7
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:25:57	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.06	-0.08	-0.13	-0.09		ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	40.32	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	43.58	ppb

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:45:11	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	33	25	36	35.25	cps
Antimony	121-1	92	150	192	144	34.78	cps
Arsenic	75-2	17	19	15	17	11.13	cps
Barium	135-1	83	125	100	103	20.40	cps
Barium	137-1	58	67	58	61	7.87	cps
Beryllium	9-1	67	73	110	83	28.00	cps
Bismuth	209-1	15319650	15323837	15420586	15354691	0.37	cps
Bismuth	209-2	9176772	9213387	9148466	9179541	0.35	cps
Boron	11-1	2092	2467	2059	2206	10.28	cps
Boron	10-1	417	575	500	497	15.93	cps
Cadmium	106-1	12348	12514	12448	12436	0.67	cps
Cadmium	108-1	29	29	17	25	28.86	cps
Cadmium	111-1	8677	8781	8798	8752	0.75	cps
Calcium	43-1	92	100	167	119	34.42	cps
Calcium	44-1	19547	21583	21016	20715	5.07	cps
Chromium	52-2	757	737	703	732	3.68	cps
Cobalt	59-2	280	293	257	277	6.71	cps
Copper	63-2	1093	1090	1020	1068	3.88	cps
Dysprosium	156-1	25	33	0	19	89.21	cps
Dysprosium	156-2	20	17	23	20	16.65	cps
Erbium	164-2	53	57	57	56	3.47	cps
Erbium	164-1	58	33	25	39	44.62	cps
Gadolinium	160-1	142	125	83	117	25.75	cps
Gadolinium	160-2	220	267	270	252	11.08	cps
Holmium	165-1	21197587	21449418	21523168	21390058	0.80	cps
Holmium	165-2	11604975	11657392	11670598	11644322	0.30	cps
Indium	115-1	14524543	14435437	14516991	14492324	0.34	cps
Indium	115-2	3055559	3090469	3086226	3077418	0.62	cps
Iron	56-2	2528	2761	2500	2597	5.52	cps
Iron	57-2	72	111	67	83	29.06	cps
Krypton	83-1	310	230	257	266	15.34	cps
Lead	206-1	1300	1378	1128	1269	10.09	cps
Lead	207-1	1111	1267	1067	1148	9.15	cps
Lead	208-1	4497	4886	4553	4646	4.52	cps
Lithium	6-1	2874922	2854914	2888388	2872741	0.59	cps
Magnesium	24-2	283	458	358	367	23.94	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:45:11	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	57	50	50	13.34	cps
Molybdenum	94-1	475	358	325	386	20.40	cps
Molybdenum	95-1	75	100	108	94	18.37	cps
Molybdenum	96-1	117	133	192	147	26.75	cps
Molybdenum	97-1	58	42	92	64	39.85	cps
Molybdenum	98-1	100	117	117	111	8.66	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	20	7	173.21	cps
Nickel	60-2	333	323	337	331	2.10	cps
Phosphorus	31-2	92	67	42	67	37.50	cps
Potassium	39-2	16118	15984	15308	15803	2.75	cps
Rhodium	103-1	13183655	13259456	13437452	13293521	0.98	cps
Rhodium	103-2	7430403	7470852	7446658	7449304	0.27	cps
Scandium	45-1	7196604	7287097	7317638	7267113	0.87	cps
Scandium	45-2	370857	376170	376509	374512	0.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	37	35	34	11.36	cps
Selenium	82-1	-40	87	74	41	171.89	cps
Silicon	28-1	88947	89811	89384	89381	0.48	cps
Silver	109-1	58	92	75	75	22.22	cps
Silver	107-1	242	267	242	250	5.77	cps
Sodium	23-2	13907	13540	13640	13696	1.39	cps
Strontium	86-1	567	400	383	450	22.53	cps
Strontium	88-1	150	125	100	125	20.00	cps
Sulfur	34-1	375740	370890	370441	372357	0.79	cps
Terbium	159-1	21358273	21521065	21635632	21504990	0.65	cps
Terbium	159-2	11286442	11330960	11408412	11341938	0.54	cps
Thallium	203-1	858	775	617	750	16.37	cps
Thallium	205-1	1517	1475	1425	1472	3.12	cps
Thorium	232-1	1528	1656	1717	1633	5.90	cps
Tin	118-1	1542	1450	1358	1450	6.32	cps
Titanium	47-1	100	142	108	117	18.90	cps
Uranium	238-1	1909	2309	2067	2095	9.62	cps
Vanadium	51-2	17	10	0	9	94.38	cps
Yttrium	89-1	27449973	27519199	27622786	27530653	0.32	cps
Yttrium	89-2	4328405	4365102	4327877	4340461	0.49	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:45:11	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	560	483	573	539	9.01	cps
Zirconium	90-1	1175	1325	1158	1220	7.53	cps
Zirconium	91-1	283	225	250	253	11.58	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:48:47	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2550	2459	2300	2436	5.19	cps
Antimony	121-1	27737	27661	27044	27481	1.38	cps
Arsenic	75-2	478	522	452	484	7.35	cps
Barium	135-1	34093	32531	33967	33530	2.59	cps
Barium	137-1	59570	59194	59068	59277	0.44	cps
Beryllium	9-1	2094	2150	2387	2210	7.04	cps
Bismuth	209-1	15602011	15351993	15578395	15510800	0.89	cps
Bismuth	209-2	9501274	9436106	9349425	9428935	0.81	cps
Boron	11-1	42060	41166	42285	41837	1.42	cps
Boron	10-1	8386	8670	8936	8664	3.18	cps
Cadmium	106-1	13432	12573	13307	13104	3.54	cps
Cadmium	108-1	375	321	350	349	7.78	cps
Cadmium	111-1	13145	12827	12983	12985	1.22	cps
Calcium	43-1	18012	17953	17686	17884	0.97	cps
Calcium	44-1	296111	301913	300805	299610	1.03	cps
Chromium	52-2	9600	9333	8362	9098	7.16	cps
Cobalt	59-2	7959	7749	7185	7631	5.24	cps
Copper	63-2	12175	12168	11481	11942	3.34	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	0	10	17	9	94.38	cps
Erbium	164-2	57	47	20	41	46.11	cps
Erbium	164-1	83	75	67	75	11.11	cps
Gadolinium	160-1	108	100	133	114	15.23	cps
Gadolinium	160-2	293	323	303	307	4.98	cps
Holmium	165-1	21752156	21820475	21854593	21809075	0.24	cps
Holmium	165-2	11935673	11962367	11752542	11883527	0.96	cps
Indium	115-1	14776064	14883229	14930067	14863120	0.53	cps
Indium	115-2	3122950	3129262	3099023	3117078	0.51	cps
Iron	56-2	210440	202144	189652	200746	5.21	cps
Iron	57-2	5351	5629	4884	5288	7.12	cps
Krypton	83-1	347	300	313	320	7.51	cps
Lead	206-1	15737	15559	15576	15624	0.63	cps
Lead	207-1	14464	14113	13974	14184	1.78	cps
Lead	208-1	61429	59432	60179	60347	1.67	cps
Lithium	6-1	2886025	2887113	2915819	2896319	0.58	cps
Magnesium	24-2	157275	155390	149877	154181	2.49	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 18:48:47 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2737	2614	2414	2588	6.31	cps
Molybdenum	94-1	27302	26634	26434	26790	1.70	cps
Molybdenum	95-1	36013	33916	34927	34952	3.00	cps
Molybdenum	96-1	38687	39079	38486	38751	0.78	cps
Molybdenum	97-1	21275	21993	22093	21787	2.05	cps
Molybdenum	98-1	56681	56655	54146	55827	2.61	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2414	2520	2257	2397	5.53	cps
Phosphorus	31-2	542	442	517	500	10.41	cps
Potassium	39-2	146264	141922	140316	142834	2.15	cps
Rhodium	103-1	13708657	13730887	13584735	13674760	0.58	cps
Rhodium	103-2	7702039	7672543	7636663	7670415	0.43	cps
Scandium	45-1	7479507	7496656	7439556	7471906	0.39	cps
Scandium	45-2	381099	380484	375530	379037	0.81	cps
Selenium	77-2	73	60	70	68	10.24	cps
Selenium	78-2	285	243	254	261	8.48	cps
Selenium	82-1	1408	1515	1463	1462	3.67	cps
Silicon	28-1	154642	153817	154028	154162	0.28	cps
Silver	109-1	18997	19072	19114	19061	0.31	cps
Silver	107-1	19214	19790	20023	19676	2.12	cps
Sodium	23-2	301457	298555	289408	296473	2.12	cps
Strontium	86-1	4684	4359	4393	4479	3.99	cps
Strontium	88-1	35938	35687	35553	35726	0.55	cps
Sulfur	34-1	396225	392058	391537	393273	0.65	cps
Terbium	159-1	21838973	21918210	21887873	21881685	0.18	cps
Terbium	159-2	11580785	11661757	11526163	11589568	0.59	cps
Thallium	203-1	17963	18664	17529	18052	3.17	cps
Thallium	205-1	43748	43138	44200	43695	1.22	cps
Thorium	232-1	57047	55222	57331	56533	2.02	cps
Tin	118-1	62842	64348	62716	63302	1.43	cps
Titanium	47-1	8378	8520	8236	8378	1.69	cps
Uranium	238-1	67442	66487	65557	66495	1.42	cps
Vanadium	51-2	17738	16933	15872	16848	5.55	cps
Yttrium	89-1	28192563	28235648	28408459	28278890	0.40	cps
Yttrium	89-2	4382502	4372922	4349377	4368267	0.39	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:48:47	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2584	2640	2374	2532	5.55	cps
Zirconium	90-1	20131	19122	19230	19494	2.84	cps
Zirconium	91-1	4601	4551	4193	4448	5.01	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:53:38	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130515	132625	132565	131902	0.91	cps
Antimony	121-1	724841	728943	729045	727610	0.33	cps
Arsenic	75-2	24155	24135	23940	24077	0.49	cps
Barium	135-1	852271	860117	852386	854925	0.53	cps
Barium	137-1	1499351	1502216	1501551	1501039	0.10	cps
Beryllium	9-1	103144	101902	102688	102578	0.61	cps
Bismuth	209-1	15537664	15498714	15590205	15542194	0.30	cps
Bismuth	209-2	9359149	9334379	9335253	9342927	0.15	cps
Boron	11-1	84629	83222	85618	84490	1.43	cps
Boron	10-1	17294	17010	17277	17194	0.93	cps
Cadmium	106-1	35395	36122	36130	35883	1.18	cps
Cadmium	108-1	16627	16335	16472	16478	0.89	cps
Cadmium	111-1	223142	224753	223098	223664	0.42	cps
Calcium	43-1	179113	178436	179148	178899	0.22	cps
Calcium	44-1	2941932	2983604	2955533	2960356	0.72	cps
Chromium	52-2	227666	225652	224897	226072	0.63	cps
Cobalt	59-2	391729	392889	389121	391246	0.49	cps
Copper	63-2	582076	576296	575513	577962	0.62	cps
Dysprosium	156-1	58	33	42	44	28.65	cps
Dysprosium	156-2	23	10	17	17	39.99	cps
Erbium	164-2	63	73	47	61	22.04	cps
Erbium	164-1	75	75	117	89	27.07	cps
Gadolinium	160-1	83	175	67	108	53.85	cps
Gadolinium	160-2	247	253	273	258	5.38	cps
Holmium	165-1	22165340	22092260	22258407	22172002	0.38	cps
Holmium	165-2	11843245	11853598	11932550	11876464	0.41	cps
Indium	115-1	14897660	14937900	14953489	14929683	0.19	cps
Indium	115-2	3136530	3140358	3130226	3135705	0.16	cps
Iron	56-2	10151229	10139184	10093351	10127921	0.30	cps
Iron	57-2	248610	251445	248600	249551	0.66	cps
Krypton	83-1	277	327	340	314	10.62	cps
Lead	206-1	760448	752238	758754	757146	0.57	cps
Lead	207-1	674935	676844	675877	675885	0.14	cps
Lead	208-1	2991745	2975796	2982939	2983493	0.27	cps
Lithium	6-1	2911190	2879801	2878563	2889851	0.64	cps
Magnesium	24-2	1598349	1604450	1589916	1597572	0.46	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:53:38	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	269909	267906	265962	267926	0.74	cps
Molybdenum	94-1	1433382	1416452	1427485	1425773	0.60	cps
Molybdenum	95-1	1784008	1769889	1802086	1785328	0.90	cps
Molybdenum	96-1	1987800	1988112	2018271	1998061	0.88	cps
Molybdenum	97-1	1121843	1113725	1139399	1124989	1.17	cps
Molybdenum	98-1	2899238	2900561	2950155	2916651	1.00	cps
Neodymium	150-1	93	67	53	71	28.64	cps
Neodymium	150-2	20	17	3	13	66.16	cps
Nickel	60-2	105422	104314	104002	104579	0.71	cps
Phosphorus	31-2	6885	6835	6702	6807	1.39	cps
Potassium	39-2	680283	676178	669487	675316	0.81	cps
Rhodium	103-1	13629776	13596429	13675732	13633979	0.29	cps
Rhodium	103-2	7686288	7657893	7639035	7661072	0.31	cps
Scandium	45-1	7506164	7597659	7511492	7538438	0.68	cps
Scandium	45-2	383403	384574	381235	383071	0.44	cps
Selenium	77-2	733	633	750	706	8.94	cps
Selenium	78-2	2430	2363	2259	2351	3.65	cps
Selenium	82-1	14526	14366	14470	14454	0.56	cps
Silicon	28-1	436763	441311	442660	440244	0.70	cps
Silver	109-1	947088	940837	934183	940703	0.69	cps
Silver	107-1	971067	964923	973559	969850	0.46	cps
Sodium	23-2	3017589	3000210	2987727	3001842	0.50	cps
Strontium	86-1	208841	208653	207873	208456	0.25	cps
Strontium	88-1	1837753	1828663	1840869	1835762	0.35	cps
Sulfur	34-1	443959	442659	444344	443654	0.20	cps
Terbium	159-1	22337813	22290851	22445425	22358030	0.35	cps
Terbium	159-2	11639104	11618823	11648156	11635361	0.13	cps
Thallium	203-1	916653	924486	932692	924610	0.87	cps
Thallium	205-1	2214608	2187476	2224378	2208821	0.87	cps
Thorium	232-1	3323726	3329779	3326584	3326696	0.09	cps
Tin	118-1	625949	629943	619346	625079	0.86	cps
Titanium	47-1	408292	405718	403659	405889	0.57	cps
Uranium	238-1	3412196	3419369	3382680	3404748	0.57	cps
Vanadium	51-2	173385	171108	171494	171996	0.71	cps
Yttrium	89-1	28612407	28632765	28567248	28604140	0.12	cps
Yttrium	89-2	4416771	4430581	4369781	4405711	0.72	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:53:38	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	92081	93547	92457	92695	0.82	cps
Zirconium	90-1	1110033	1117371	1121124	1116176	0.51	cps
Zirconium	91-1	249675	248892	247950	248839	0.35	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:57:42	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325897	329461	328776	328045	0.58	cps
Antimony	121-1	1808109	1812698	1801864	1807557	0.30	cps
Arsenic	75-2	57976	58232	58617	58275	0.55	cps
Barium	135-1	2121567	2149816	2102687	2124690	1.12	cps
Barium	137-1	3751937	3724040	3684865	3720280	0.91	cps
Beryllium	9-1	245820	246601	244416	245612	0.45	cps
Bismuth	209-1	16305224	15972630	15789342	16022399	1.63	cps
Bismuth	209-2	8998632	9502868	9276389	9259296	2.73	cps
Boron	11-1	199591	202796	204813	202400	1.30	cps
Boron	10-1	41341	42670	42562	42191	1.75	cps
Cadmium	106-1	71765	72268	71204	71746	0.74	cps
Cadmium	108-1	40813	40241	41344	40799	1.35	cps
Cadmium	111-1	537025	537323	532884	535744	0.46	cps
Calcium	43-1	436675	437512	438674	437621	0.23	cps
Calcium	44-1	7216193	7237498	7174240	7209310	0.45	cps
Chromium	52-2	560800	561991	559789	560860	0.20	cps
Cobalt	59-2	969465	972582	963583	968543	0.47	cps
Copper	63-2	1415764	1415053	1413171	1414663	0.09	cps
Dysprosium	156-1	42	58	83	61	34.32	cps
Dysprosium	156-2	47	57	43	49	14.20	cps
Erbium	164-2	40	40	63	48	28.19	cps
Erbium	164-1	83	92	75	83	10.00	cps
Gadolinium	160-1	125	175	158	153	16.66	cps
Gadolinium	160-2	257	293	287	279	7.00	cps
Holmium	165-1	23216531	22775135	22784942	22925536	1.10	cps
Holmium	165-2	11624182	12158049	12052049	11944760	2.37	cps
Indium	115-1	15589437	15372893	15139324	15367218	1.46	cps
Indium	115-2	2982244	3098092	3122422	3067586	2.44	cps
Iron	56-2	25242437	25325505	25007605	25191849	0.65	cps
Iron	57-2	616708	621276	614773	617586	0.54	cps
Krypton	83-1	290	340	247	292	15.98	cps
Lead	206-1	1874433	1880658	1895464	1883518	0.57	cps
Lead	207-1	1686725	1679288	1677437	1681150	0.29	cps
Lead	208-1	7460427	7432202	7461680	7451436	0.22	cps
Lithium	6-1	2975206	2927190	2852290	2918229	2.12	cps
Magnesium	24-2	3977918	3998581	4000015	3992172	0.31	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:57:42	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	666491	668099	664909	666500	0.24	cps
Molybdenum	94-1	3573177	3569887	3542348	3561804	0.48	cps
Molybdenum	95-1	4483460	4486061	4463958	4477826	0.27	cps
Molybdenum	96-1	4986011	5011393	4994220	4997208	0.26	cps
Molybdenum	97-1	2819327	2801738	2797153	2806073	0.42	cps
Molybdenum	98-1	7269481	7295381	7232538	7265800	0.43	cps
Neodymium	150-1	187	213	233	211	11.09	cps
Neodymium	150-2	30	23	10	21	48.24	cps
Nickel	60-2	259482	258250	253816	257183	1.16	cps
Phosphorus	31-2	16727	16643	16393	16588	1.05	cps
Potassium	39-2	1653916	1670512	1662452	1662294	0.50	cps
Rhodium	103-1	14174959	14055514	13688647	13973040	1.81	cps
Rhodium	103-2	7326108	7638695	7604958	7523254	2.28	cps
Scandium	45-1	7884882	7859255	7678073	7807403	1.44	cps
Scandium	45-2	367693	389578	386747	381339	3.12	cps
Selenium	77-2	1603	1743	1797	1715	5.82	cps
Selenium	78-2	5909	5951	5773	5878	1.58	cps
Selenium	82-1	35169	35440	35414	35341	0.42	cps
Silicon	28-1	978582	974684	982876	978714	0.42	cps
Silver	109-1	2316397	2321835	2316762	2318331	0.13	cps
Silver	107-1	2429392	2439035	2395846	2421424	0.94	cps
Sodium	23-2	7437174	7523506	7475738	7478806	0.58	cps
Strontium	86-1	508894	515389	516048	513444	0.77	cps
Strontium	88-1	4541477	4547079	4496383	4528313	0.61	cps
Sulfur	34-1	530338	523760	530890	528329	0.75	cps
Terbium	159-1	23341541	23086108	22644277	23023975	1.53	cps
Terbium	159-2	11330968	11867502	11663631	11620700	2.33	cps
Thallium	203-1	2277310	2283034	2313212	2291185	0.84	cps
Thallium	205-1	5527831	5515968	5550016	5531272	0.31	cps
Thorium	232-1	8371446	8364547	8328644	8354879	0.28	cps
Tin	118-1	1539397	1562587	1552105	1551363	0.75	cps
Titanium	47-1	1010033	1003907	998744	1004228	0.56	cps
Uranium	238-1	8503315	8520988	8437344	8487215	0.52	cps
Vanadium	51-2	427422	431927	427126	428825	0.63	cps
Yttrium	89-1	29810616	29317918	28600341	29242958	2.08	cps
Yttrium	89-2	4249429	4424165	4422684	4365426	2.30	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 18:57:42	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	223381	224351	222746	223493	0.36	cps
Zirconium	90-1	2770148	2752760	2746603	2756504	0.44	cps
Zirconium	91-1	620359	622208	614640	619069	0.64	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:01:33	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	627644	633070	634831	631848	0.59	cps
Antimony	121-1	3587757	3585440	3572002	3581733	0.24	cps
Arsenic	75-2	112945	112899	114528	113457	0.82	cps
Barium	135-1	4207272	4165832	4213433	4195512	0.62	cps
Barium	137-1	7398936	7350966	7374397	7374766	0.33	cps
Beryllium	9-1	472633	474140	469204	471992	0.54	cps
Bismuth	209-1	15139115	15282431	15306783	15242776	0.59	cps
Bismuth	209-2	9092463	9146230	9126539	9121744	0.30	cps
Boron	11-1	388124	403878	399064	397022	2.03	cps
Boron	10-1	79694	82183	81076	80984	1.54	cps
Cadmium	106-1	125064	126024	127832	126307	1.11	cps
Cadmium	108-1	80129	79623	79601	79784	0.37	cps
Cadmium	111-1	1046080	1039932	1049054	1045022	0.45	cps
Calcium	43-1	845004	847404	847532	846647	0.17	cps
Calcium	44-1	13960379	14075671	14003748	14013266	0.42	cps
Chromium	52-2	1079613	1081593	1085171	1082126	0.26	cps
Cobalt	59-2	1871457	1887956	1871464	1876959	0.51	cps
Copper	63-2	2708619	2722629	2706919	2712722	0.32	cps
Dysprosium	156-1	108	67	92	89	23.59	cps
Dysprosium	156-2	93	67	60	73	24.06	cps
Erbium	164-2	37	77	40	51	43.42	cps
Erbium	164-1	100	100	67	89	21.65	cps
Gadolinium	160-1	125	108	142	125	13.33	cps
Gadolinium	160-2	327	283	230	280	17.29	cps
Holmium	165-1	22008332	22119108	21915786	22014409	0.46	cps
Holmium	165-2	11790268	11876854	11918349	11861824	0.55	cps
Indium	115-1	14644593	14665980	14585417	14631997	0.29	cps
Indium	115-2	2990464	3039795	3030905	3020388	0.87	cps
Iron	56-2	48712466	48659154	48862218	48744613	0.22	cps
Iron	57-2	1188066	1200431	1201202	1196566	0.62	cps
Krypton	83-1	243	277	300	273	10.42	cps
Lead	206-1	3708690	3725498	3695649	3709946	0.40	cps
Lead	207-1	3302017	3337774	3307131	3315641	0.58	cps
Lead	208-1	14681952	14769105	14724651	14725236	0.30	cps
Lithium	6-1	2750625	2775992	2723029	2749882	0.96	cps
Magnesium	24-2	7735261	7722781	7753729	7737257	0.20	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:01:33	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1285465	1301206	1296202	1294291	0.62	cps
Molybdenum	94-1	6997784	7020687	6960619	6993030	0.43	cps
Molybdenum	95-1	8910519	8833378	8831332	8858410	0.51	cps
Molybdenum	96-1	9843237	9784117	9861777	9829710	0.41	cps
Molybdenum	97-1	5590689	5491778	5590268	5557579	1.03	cps
Molybdenum	98-1	14414553	14273857	14398360	14362257	0.54	cps
Neodymium	150-1	360	307	320	329	8.44	cps
Neodymium	150-2	17	37	40	31	40.56	cps
Nickel	60-2	491482	494979	493486	493316	0.36	cps
Phosphorus	31-2	32269	32211	33113	32531	1.55	cps
Potassium	39-2	3209330	3235310	3239145	3227929	0.50	cps
Rhodium	103-1	13147259	13181864	13099076	13142733	0.32	cps
Rhodium	103-2	7338194	7431226	7361632	7377017	0.66	cps
Scandium	45-1	7317863	7476123	7314331	7369439	1.25	cps
Scandium	45-2	368344	377136	376210	373897	1.29	cps
Selenium	77-2	3397	3124	3434	3318	5.11	cps
Selenium	78-2	11084	11358	11136	11193	1.30	cps
Selenium	82-1	69041	68788	68925	68918	0.18	cps
Silicon	28-1	1832355	1865411	1850709	1849491	0.90	cps
Silver	109-1	4536948	4502877	4539189	4526338	0.45	cps
Silver	107-1	4690035	4682702	4712261	4694999	0.33	cps
Sodium	23-2	14651185	14587652	14594852	14611229	0.24	cps
Strontium	86-1	1020705	1015387	1014695	1016929	0.32	cps
Strontium	88-1	8994490	8898932	8971624	8955015	0.56	cps
Sulfur	34-1	671699	667952	670730	670127	0.29	cps
Terbium	159-1	22189944	22187722	22058532	22145399	0.34	cps
Terbium	159-2	11512437	11669624	11556406	11579489	0.70	cps
Thallium	203-1	4581771	4539069	4554953	4558598	0.47	cps
Thallium	205-1	10918231	10952720	10916372	10929108	0.19	cps
Thorium	232-1	16691339	16838150	16826947	16785479	0.49	cps
Tin	118-1	3077053	3076771	3037592	3063805	0.74	cps
Titanium	47-1	1963622	1977694	1978634	1973317	0.43	cps
Uranium	238-1	16802391	16958833	17025598	16928941	0.68	cps
Vanadium	51-2	832513	833967	830624	832368	0.20	cps
Yttrium	89-1	28205006	28163240	27941013	28103086	0.50	cps
Yttrium	89-2	4284107	4341348	4286271	4303909	0.75	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:01:33	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	427580	427295	430902	428592	0.47	cps
Zirconium	90-1	5484891	5487910	5492105	5488302	0.07	cps
Zirconium	91-1	1217908	1232211	1215287	1221802	0.75	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:05:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1247131	1263079	1250708	1253639	0.67	cps
Antimony	121-1	7147491	7158180	7210767	7172146	0.47	cps
Arsenic	75-2	222159	223499	222522	222726	0.31	cps
Barium	135-1	8276895	8449530	8388700	8371708	1.05	cps
Barium	137-1	14626424	14788289	14762384	14725699	0.59	cps
Beryllium	9-1	914991	905637	908043	909557	0.53	cps
Bismuth	209-1	14821789	15047809	15119727	14996442	1.04	cps
Bismuth	209-2	8908383	8943984	8863737	8905368	0.45	cps
Boron	11-1	754680	767204	770680	764188	1.10	cps
Boron	10-1	154594	156101	155698	155464	0.50	cps
Cadmium	106-1	239391	237833	236205	237810	0.67	cps
Cadmium	108-1	153099	155228	155901	154743	0.95	cps
Cadmium	111-1	2008300	2051169	2024229	2027899	1.07	cps
Calcium	43-1	1674184	1690143	1675660	1679995	0.52	cps
Calcium	44-1	27590086	27985587	27762010	27779228	0.71	cps
Chromium	52-2	2137232	2158693	2154391	2150105	0.53	cps
Cobalt	59-2	3658908	3696033	3701090	3685344	0.63	cps
Copper	63-2	5295267	5305211	5305592	5302023	0.11	cps
Dysprosium	156-1	200	125	150	158	24.12	cps
Dysprosium	156-2	150	167	187	168	10.94	cps
Erbium	164-2	53	73	67	64	15.80	cps
Erbium	164-1	125	92	75	97	26.19	cps
Gadolinium	160-1	133	142	192	156	20.28	cps
Gadolinium	160-2	277	260	287	274	4.91	cps
Holmium	165-1	21774494	22034289	22268832	22025872	1.12	cps
Holmium	165-2	11852211	11869129	11815859	11845733	0.23	cps
Indium	115-1	14186153	14558087	14432025	14392088	1.31	cps
Indium	115-2	2973406	2979054	2969189	2973883	0.17	cps
Iron	56-2	96900761	95934202	96675885	96503616	0.52	cps
Iron	57-2	2380226	2354791	2369960	2368326	0.54	cps
Krypton	83-1	283	310	260	284	8.80	cps
Lead	206-1	7361663	7414734	7401810	7392736	0.37	cps
Lead	207-1	6544205	6566887	6574443	6561845	0.24	cps
Lead	208-1	29039072	29235690	29272005	29182256	0.43	cps
Lithium	6-1	2636774	2664074	2659266	2653371	0.55	cps
Magnesium	24-2	15320338	15279689	15283952	15294660	0.15	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:05:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2564456	2572049	2565969	2567491	0.16	cps
Molybdenum	94-1	13727663	13868857	13925651	13840724	0.74	cps
Molybdenum	95-1	17353919	17419287	17480621	17417942	0.36	cps
Molybdenum	96-1	19560592	19567808	19510257	19546219	0.16	cps
Molybdenum	97-1	11091036	11106593	11097939	11098523	0.07	cps
Molybdenum	98-1	28502182	28703583	28512076	28572613	0.40	cps
Neodymium	150-1	733	760	667	720	6.68	cps
Neodymium	150-2	70	83	80	78	8.92	cps
Nickel	60-2	962939	967442	965369	965250	0.23	cps
Phosphorus	31-2	62390	64691	63561	63547	1.81	cps
Potassium	39-2	6397542	6447261	6420179	6421661	0.39	cps
Rhodium	103-1	12708273	12914449	12874001	12832241	0.85	cps
Rhodium	103-2	7250279	7264182	7235256	7249906	0.20	cps
Scandium	45-1	7181026	7345376	7278521	7268308	1.14	cps
Scandium	45-2	371123	375862	373752	373579	0.64	cps
Selenium	77-2	6535	6615	6785	6645	1.92	cps
Selenium	78-2	21863	21865	21774	21834	0.24	cps
Selenium	82-1	132671	134631	134627	133976	0.84	cps
Silicon	28-1	3563349	3587193	3589645	3580062	0.41	cps
Silver	109-1	8757855	8830920	8781603	8790126	0.42	cps
Silver	107-1	9086742	9166227	9131404	9128124	0.44	cps
Sodium	23-2	28899387	28857566	28844205	28867053	0.10	cps
Strontium	86-1	2005454	2013096	2013995	2010848	0.23	cps
Strontium	88-1	17617770	17737193	17833563	17729509	0.61	cps
Sulfur	34-1	954894	958915	957311	957040	0.21	cps
Terbium	159-1	21964860	22081354	22423381	22156532	1.08	cps
Terbium	159-2	11521898	11509066	11527274	11519413	0.08	cps
Thallium	203-1	8954110	9045210	9034892	9011404	0.55	cps
Thallium	205-1	21355887	21593308	21598384	21515860	0.64	cps
Thorium	232-1	33382467	33573420	33719121	33558336	0.50	cps
Tin	118-1	6033859	6071167	6075656	6060227	0.38	cps
Titanium	47-1	3862020	3926093	3883074	3890396	0.84	cps
Uranium	238-1	33924592	33923656	33732003	33860084	0.33	cps
Vanadium	51-2	1655546	1669917	1666028	1663830	0.45	cps
Yttrium	89-1	27663601	28159517	27957420	27926846	0.89	cps
Yttrium	89-2	4282998	4305429	4274581	4287669	0.37	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:05:20	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	831396	832272	832929	832199	0.09	cps
Zirconium	90-1	10826586	11018756	10896060	10913801	0.89	cps
Zirconium	91-1	2397012	2419769	2407058	2407946	0.47	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:09:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2543723	2575289	2547151	2555388	0.68	cps
Antimony	121-1	14151536	14228021	14303761	14227773	0.53	cps
Arsenic	75-2	449851	451866	451470	451062	0.24	cps
Barium	135-1	16518146	16657619	16755004	16643589	0.72	cps
Barium	137-1	28909883	29175628	29538595	29208035	1.08	cps
Beryllium	9-1	1742500	1737885	1738447	1739611	0.14	cps
Bismuth	209-1	14600704	14632929	14706957	14646863	0.37	cps
Bismuth	209-2	8798319	8753680	8680662	8744220	0.68	cps
Boron	11-1	1484774	1517496	1529564	1510611	1.53	cps
Boron	10-1	300619	311437	308786	306948	1.84	cps
Cadmium	106-1	455446	455862	453740	455016	0.25	cps
Cadmium	108-1	307153	310992	309107	309084	0.62	cps
Cadmium	111-1	3976178	4009133	4026076	4003796	0.63	cps
Calcium	43-1	3403279	3427489	3453291	3428020	0.73	cps
Calcium	44-1	56130510	56323512	57111695	56521905	0.92	cps
Chromium	52-2	4327236	4348051	4319237	4331508	0.34	cps
Cobalt	59-2	7340349	7315741	7333088	7329726	0.17	cps
Copper	63-2	10872089	10842733	10767790	10827537	0.50	cps
Dysprosium	156-1	192	292	233	239	21.03	cps
Dysprosium	156-2	270	300	247	272	9.82	cps
Erbium	164-2	43	67	60	57	21.21	cps
Erbium	164-1	50	108	42	67	54.49	cps
Gadolinium	160-1	142	92	200	144	37.54	cps
Gadolinium	160-2	293	293	343	310	9.31	cps
Holmium	165-1	21981215	22050712	22154734	22062220	0.40	cps
Holmium	165-2	11917759	12032471	11794245	11914825	1.00	cps
Indium	115-1	14009769	14158236	14275292	14147766	0.94	cps
Indium	115-2	2956432	2968368	2933089	2952630	0.61	cps
Iron	56-2	193634754	195262538	195893093	194930128	0.60	cps
Iron	57-2	4787139	4795694	4781530	4788121	0.15	cps
Krypton	83-1	287	283	263	278	4.54	cps
Lead	206-1	14327540	14467392	14542803	14445912	0.76	cps
Lead	207-1	13027666	13082667	13154009	13088114	0.48	cps
Lead	208-1	57131246	57122961	57693646	57315951	0.57	cps
Lithium	6-1	2596054	2563964	2577293	2579104	0.63	cps
Magnesium	24-2	31018417	31060583	30635909	30904970	0.76	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:09:06	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5137847	5198872	5203581	5180100	0.71	cps
Molybdenum	94-1	27755000	27654040	27911952	27773664	0.47	cps
Molybdenum	95-1	34836822	34947007	35503395	35095741	1.02	cps
Molybdenum	96-1	38828880	39154573	39288082	39090512	0.60	cps
Molybdenum	97-1	21833813	22139195	22081594	22018201	0.74	cps
Molybdenum	98-1	56569047	56889983	57029795	56829608	0.42	cps
Neodymium	150-1	1193	1120	1233	1182	4.86	cps
Neodymium	150-2	140	83	127	117	25.39	cps
Nickel	60-2	1903743	1914578	1907102	1908475	0.29	cps
Phosphorus	31-2	123273	127090	126383	125582	1.62	cps
Potassium	39-2	13065471	13157945	13135926	13119781	0.37	cps
Rhodium	103-1	12498865	12611379	12612998	12574414	0.52	cps
Rhodium	103-2	7164078	7230258	7147390	7180575	0.61	cps
Scandium	45-1	7269260	7290705	7432644	7330870	1.21	cps
Scandium	45-2	383341	384534	387911	385262	0.62	cps
Selenium	77-2	12873	12439	12853	12721	1.92	cps
Selenium	78-2	42505	42581	42425	42503	0.18	cps
Selenium	82-1	255828	256297	257122	256416	0.26	cps
Silicon	28-1	7572629	7706567	7726943	7668713	1.09	cps
Silver	109-1	17544024	17514816	17637857	17565565	0.37	cps
Silver	107-1	17966120	18189869	18170468	18108819	0.68	cps
Sodium	23-2	58864226	58983743	58474941	58774303	0.45	cps
Strontium	86-1	3986713	3968925	3996480	3984039	0.35	cps
Strontium	88-1	35408087	35340282	35731813	35493394	0.59	cps
Sulfur	34-1	1532213	1542882	1540863	1538652	0.37	cps
Terbium	159-1	22117741	22146476	22337327	22200514	0.54	cps
Terbium	159-2	11577433	11692551	11590763	11620249	0.54	cps
Thallium	203-1	17570570	17581158	17810647	17654125	0.77	cps
Thallium	205-1	42152629	42229941	42657852	42346807	0.64	cps
Thorium	232-1	66388089	66927085	66937745	66750973	0.47	cps
Tin	118-1	12020523	12026651	12108142	12051772	0.41	cps
Titanium	47-1	7745512	7766019	7876954	7796162	0.91	cps
Uranium	238-1	66603187	67269860	67717349	67196799	0.83	cps
Vanadium	51-2	3390891	3386275	3379984	3385717	0.16	cps
Yttrium	89-1	27843070	27939242	28276760	28019691	0.81	cps
Yttrium	89-2	4364925	4418869	4405501	4396432	0.64	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:09:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1635024	1657530	1661368	1651307	0.86	cps
Zirconium	90-1	21721862	21681680	21899935	21767826	0.53	cps
Zirconium	91-1	4828877	4801298	4861805	4830660	0.63	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:12:54	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13576063	13546206	13878660	13666976	1.35	cps
Antimony	121-1	19965	20249	21409	20541	3.72	cps
Arsenic	75-2	700	676	741	706	4.64	cps
Barium	135-1	3075	2892	2459	2809	11.28	cps
Barium	137-1	5001	5051	4526	4859	5.96	cps
Beryllium	9-1	480	360	353	398	17.92	cps
Bismuth	209-1	13152219	13092901	13103565	13116228	0.24	cps
Bismuth	209-2	7840764	7851949	7865292	7852668	0.16	cps
Boron	11-1	69494	66012	62380	65962	5.39	cps
Boron	10-1	14524	13281	12631	13479	7.14	cps
Cadmium	106-1	12856	13490	14149	13499	4.79	cps
Cadmium	108-1	92	113	121	108	13.87	cps
Cadmium	111-1	9664	10048	10512	10075	4.21	cps
Calcium	43-1	16935374	17050208	16861019	16948867	0.56	cps
Calcium	44-1	278227098	278740856	278382756	278450237	0.09	cps
Chromium	52-2	118468	118904	118935	118769	0.22	cps
Cobalt	59-2	90269	91084	89763	90372	0.74	cps
Copper	63-2	25195	25776	25449	25473	1.14	cps
Dysprosium	156-1	125	108	108	114	8.45	cps
Dysprosium	156-2	60	60	53	58	6.67	cps
Erbium	164-2	53	73	63	63	15.79	cps
Erbium	164-1	117	117	100	111	8.66	cps
Gadolinium	160-1	158	167	133	153	11.35	cps
Gadolinium	160-2	320	250	340	303	15.58	cps
Holmium	165-1	21564537	21508966	21507133	21526879	0.15	cps
Holmium	165-2	11769844	11724657	11748472	11747658	0.19	cps
Indium	115-1	13787448	13813297	13803730	13801492	0.09	cps
Indium	115-2	2972367	2962791	2990176	2975111	0.47	cps
Iron	56-2	985813733	991369355	995404311	990862467	0.49	cps
Iron	57-2	24258785	24524993	24452842	24412206	0.56	cps
Krypton	83-1	277	320	347	314	11.24	cps
Lead	206-1	8314	8036	7841	8064	2.95	cps
Lead	207-1	7069	7169	7113	7117	0.70	cps
Lead	208-1	31755	32181	31105	31680	1.71	cps
Lithium	6-1	2386063	2381865	2375039	2380989	0.23	cps
Magnesium	24-2	154348074	155142062	156907345	155465827	0.84	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:12:54	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17354	17264	17577	17398	0.93	cps
Molybdenum	94-1	19355	19264	19047	19222	0.82	cps
Molybdenum	95-1	30116	29072	28145	29111	3.39	cps
Molybdenum	96-1	33223	33039	33031	33098	0.33	cps
Molybdenum	97-1	18546	18529	17962	18346	1.81	cps
Molybdenum	98-1	47823	46100	46243	46722	2.05	cps
Neodymium	150-1	240	133	180	184	28.99	cps
Neodymium	150-2	87	57	93	79	24.76	cps
Nickel	60-2	51480	52825	51644	51983	1.41	cps
Phosphorus	31-2	242	167	167	192	22.59	cps
Potassium	39-2	68993316	68832241	69689070	69171543	0.66	cps
Rhodium	103-1	11748640	11795791	11960526	11834986	0.94	cps
Rhodium	103-2	6838192	6820101	6870079	6842791	0.37	cps
Scandium	45-1	7387457	7458116	7531295	7458956	0.96	cps
Scandium	45-2	405043	404576	411057	406892	0.89	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	57	52	57	56	5.78	cps
Selenium	82-1	142	103	104	116	18.92	cps
Silicon	28-1	291140	296739	295798	294559	1.02	cps
Silver	109-1	2042	2067	1709	1939	10.32	cps
Silver	107-1	2484	2175	1734	2131	17.69	cps
Sodium	23-2	295896632	297752257	299952190	297867026	0.68	cps
Strontium	86-1	16919	16877	16844	16880	0.22	cps
Strontium	88-1	145725	144060	144674	144820	0.58	cps
Sulfur	34-1	390733	397080	405514	397776	1.86	cps
Terbium	159-1	21724271	21647836	21715808	21695971	0.19	cps
Terbium	159-2	11484558	11330783	11424687	11413342	0.68	cps
Thallium	203-1	5685	5093	4551	5110	11.10	cps
Thallium	205-1	12832	12239	10630	11900	9.58	cps
Thorium	232-1	14492	13947	13519	13986	3.49	cps
Tin	118-1	7377	6744	6560	6894	6.22	cps
Titanium	47-1	2242	1875	1967	2028	9.41	cps
Uranium	238-1	9696	8570	7386	8550	13.51	cps
Vanadium	51-2	767	767	683	739	6.51	cps
Yttrium	89-1	27915278	27859713	27901264	27892085	0.10	cps
Yttrium	89-2	4507009	4497035	4538044	4514029	0.47	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:12:54	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13900	14304	14124	14109	1.43	cps
Zirconium	90-1	7260	6685	6168	6705	8.15	cps
Zirconium	91-1	1483	1700	1267	1483	14.61	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:20:20	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72359	68817	69764	70313	2.61	cps
Antimony	121-1	2880782	2849748	2897325	2875952	0.84	cps
Arsenic	75-2	100494	99031	99839	99788	0.73	cps
Barium	135-1	338837	338367	340191	339132	0.28	cps
Barium	137-1	596708	591072	593546	593776	0.48	cps
Beryllium	9-1	192419	189817	194161	192132	1.14	cps
Bismuth	209-1	15924141	16024109	15885484	15944578	0.45	cps
Bismuth	209-2	9789946	9688384	9697337	9725222	0.58	cps
Boron	11-1	22735	22467	21950	22384	1.78	cps
Boron	10-1	4859	4659	5159	4893	5.15	cps
Cadmium	106-1	51169	50608	51193	50990	0.65	cps
Cadmium	108-1	27414	27456	27907	27592	0.99	cps
Cadmium	111-1	429925	429152	425110	428063	0.60	cps
Calcium	43-1	72679	72352	72679	72570	0.26	cps
Calcium	44-1	1216770	1212879	1219120	1216256	0.26	cps
Chromium	52-2	465703	460828	462587	463039	0.53	cps
Cobalt	59-2	815651	810029	806498	810726	0.57	cps
Copper	63-2	604183	597098	597782	599688	0.65	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	10	17	30	19	53.91	cps
Erbium	164-2	113	73	117	101	23.85	cps
Erbium	164-1	183	158	225	189	17.83	cps
Gadolinium	160-1	75	133	75	94	35.66	cps
Gadolinium	160-2	267	267	277	270	2.14	cps
Holmium	165-1	22644066	22777443	23124765	22848758	1.09	cps
Holmium	165-2	12540957	12428170	12451561	12473563	0.48	cps
Indium	115-1	15708682	15782865	15852238	15781262	0.45	cps
Indium	115-2	3312575	3304062	3340029	3318888	0.57	cps
Iron	56-2	4231494	4174940	4172319	4192918	0.80	cps
Iron	57-2	105079	103345	104637	104354	0.86	cps
Krypton	83-1	357	393	337	362	7.93	cps
Lead	206-1	2971832	2988647	2982496	2980992	0.29	cps
Lead	207-1	2633350	2633507	2660989	2642615	0.60	cps
Lead	208-1	11982320	12040404	12048460	12023728	0.30	cps
Lithium	6-1	2793981	2791249	2801790	2795674	0.20	cps
Magnesium	24-2	407061	402272	400817	403383	0.81	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:20:20	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	273978	271171	272841	272663	0.52	cps
Molybdenum	94-1	1367	1325	1342	1345	1.56	cps
Molybdenum	95-1	1292	1042	1050	1128	12.59	cps
Molybdenum	96-1	1475	1375	1717	1522	11.54	cps
Molybdenum	97-1	817	842	742	800	6.51	cps
Molybdenum	98-1	1867	2234	1925	2009	9.81	cps
Neodymium	150-1	13	27	27	22	34.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	220949	217258	218405	218870	0.86	cps
Phosphorus	31-2	192	167	125	161	20.90	cps
Potassium	39-2	587909	586184	587308	587133	0.15	cps
Rhodium	103-1	14382430	14281659	14421386	14361825	0.50	cps
Rhodium	103-2	8310093	8183752	8308704	8267517	0.88	cps
Scandium	45-1	8064615	8068806	8202841	8112087	0.97	cps
Scandium	45-2	422794	422007	419851	421550	0.36	cps
Selenium	77-2	2857	2970	2980	2936	2.33	cps
Selenium	78-2	9677	9531	9972	9727	2.31	cps
Selenium	82-1	58503	58506	58661	58556	0.15	cps
Silicon	28-1	120373	118500	119685	119519	0.79	cps
Silver	109-1	1726011	1719288	1711084	1718794	0.43	cps
Silver	107-1	1764961	1756320	1787482	1769587	0.91	cps
Sodium	23-2	1296594	1288532	1274701	1286609	0.86	cps
Strontium	86-1	10538	9895	10413	10282	3.31	cps
Strontium	88-1	85136	85764	85177	85359	0.41	cps
Sulfur	34-1	439792	447106	441411	442769	0.87	cps
Terbium	159-1	22745263	22929795	23073481	22916180	0.72	cps
Terbium	159-2	12254653	12213049	12289126	12252276	0.31	cps
Thallium	203-1	4056190	4057268	4109744	4074401	0.75	cps
Thallium	205-1	9751832	9875754	9787063	9804883	0.65	cps
Thorium	232-1	4056	4440	4562	4353	6.06	cps
Tin	118-1	2925	2759	2984	2889	4.04	cps
Titanium	47-1	492	417	375	428	13.82	cps
Uranium	238-1	2150	2100	2025	2092	3.01	cps
Vanadium	51-2	358705	355255	358423	357461	0.54	cps
Yttrium	89-1	29919958	30158386	30267997	30115447	0.59	cps
Yttrium	89-2	4793644	4738702	4759484	4763943	0.58	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:20:20	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	190857	189233	189519	189870	0.46	cps
Zirconium	90-1	1692	1550	1975	1739	12.45	cps
Zirconium	91-1	1150	925	1058	1045	10.83	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 19:30:35 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	42	17	31	41.65	cps
Antimony	121-1	817	917	1042	925	12.19	cps
Arsenic	75-2	19	20	17	19	9.99	cps
Barium	135-1	33	25	50	36	35.25	cps
Barium	137-1	25	42	75	47	53.91	cps
Beryllium	9-1	107	147	123	126	16.00	cps
Bismuth	209-1	16026930	15984664	15904131	15971908	0.39	cps
Bismuth	209-2	9830045	9765500	9824312	9806619	0.36	cps
Boron	11-1	10571	9879	10654	10368	4.11	cps
Boron	10-1	2375	2250	2417	2348	3.70	cps
Cadmium	106-1	14124	13207	13474	13601	3.47	cps
Cadmium	108-1	17	21	25	21	19.99	cps
Cadmium	111-1	9942	9280	9518	9580	3.50	cps
Calcium	43-1	150	133	167	150	11.11	cps
Calcium	44-1	21575	22209	22493	22092	2.13	cps
Chromium	52-2	870	673	750	764	12.97	cps
Cobalt	59-2	187	207	257	217	16.64	cps
Copper	63-2	1133	1187	1063	1128	5.49	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-2	57	27	57	47	37.11	cps
Erbium	164-1	33	33	67	44	43.31	cps
Gadolinium	160-1	133	75	67	92	39.63	cps
Gadolinium	160-2	253	257	287	266	6.91	cps
Holmium	165-1	22593721	22901519	23013094	22836112	0.95	cps
Holmium	165-2	12583276	12541646	12601358	12575427	0.24	cps
Indium	115-1	15810375	15903663	15981259	15898432	0.54	cps
Indium	115-2	3348515	3331867	3359009	3346464	0.41	cps
Iron	56-2	3223	3940	3423	3528	10.48	cps
Iron	57-2	100	94	133	109	19.25	cps
Krypton	83-1	323	323	343	330	3.50	cps
Lead	206-1	1489	1533	1495	1506	1.61	cps
Lead	207-1	1439	1222	1478	1380	9.98	cps
Lead	208-1	5588	5293	5875	5585	5.21	cps
Lithium	6-1	2874475	2889526	2903397	2889133	0.50	cps
Magnesium	24-2	483	533	475	497	6.35	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:30:35	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	67	67	57	30.56	cps
Molybdenum	94-1	633	708	600	647	8.57	cps
Molybdenum	95-1	217	208	200	208	4.00	cps
Molybdenum	96-1	283	267	342	297	13.25	cps
Molybdenum	97-1	150	175	192	172	12.18	cps
Molybdenum	98-1	358	308	367	344	9.16	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	250	283	243	259	8.28	cps
Phosphorus	31-2	142	108	117	122	14.19	cps
Potassium	39-2	20265	20974	21124	20788	2.21	cps
Rhodium	103-1	14605560	14582985	14596104	14594883	0.08	cps
Rhodium	103-2	8356696	8319018	8371997	8349237	0.33	cps
Scandium	45-1	8216795	8270308	8202039	8229714	0.44	cps
Scandium	45-2	426101	425917	427312	426443	0.18	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	31	39	52	41	25.31	cps
Selenium	82-1	24	-28	-38	-14	-231.48	cps
Silicon	28-1	101241	101930	101485	101552	0.34	cps
Silver	109-1	192	192	392	258	44.70	cps
Silver	107-1	350	325	567	414	32.11	cps
Sodium	23-2	24588	25005	26140	25244	3.18	cps
Strontium	86-1	683	425	458	522	26.91	cps
Strontium	88-1	92	100	150	114	27.70	cps
Sulfur	34-1	440190	437286	443447	440308	0.70	cps
Terbium	159-1	23160310	23020311	23232178	23137600	0.47	cps
Terbium	159-2	12343434	12235561	12304352	12294449	0.44	cps
Thallium	203-1	917	992	1308	1072	19.39	cps
Thallium	205-1	2284	2125	2242	2217	3.70	cps
Thorium	232-1	2511	2578	2828	2639	6.33	cps
Tin	118-1	2142	1692	2034	1956	12.01	cps
Titanium	47-1	92	75	92	86	11.18	cps
Uranium	238-1	1842	1892	1967	1900	3.31	cps
Vanadium	51-2	3	10	0	4	114.60	cps
Yttrium	89-1	30492985	30763495	30581701	30612727	0.45	cps
Yttrium	89-2	4784522	4771690	4790480	4782231	0.20	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:30:35	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	510	630	527	556	11.70	cps
Zirconium	90-1	1517	1358	1483	1453	5.75	cps
Zirconium	91-1	217	167	267	217	23.08	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:34:12	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12949347	12940664	12909134	12933048	0.16	cps
Antimony	121-1	16494	16460	16419	16458	0.23	cps
Arsenic	75-2	163	200	183	182	10.18	cps
Barium	135-1	4826	5168	4868	4954	3.76	cps
Barium	137-1	8370	8595	8395	8453	1.46	cps
Beryllium	9-1	630	543	540	571	8.93	cps
Bismuth	209-1	14549999	14563704	14669524	14594409	0.45	cps
Bismuth	209-2	8783450	8839345	8838556	8820450	0.36	cps
Boron	11-1	13456	14458	12581	13498	6.96	cps
Boron	10-1	2634	2534	2775	2648	4.59	cps
Cadmium	106-1	13223	12681	12339	12748	3.50	cps
Cadmium	108-1	6764	6660	6673	6699	0.85	cps
Cadmium	111-1	12445	12171	11773	12130	2.78	cps
Calcium	43-1	3525584	3540088	3554731	3540134	0.41	cps
Calcium	44-1	58416672	58544714	59260874	58740753	0.77	cps
Chromium	52-2	93276	94722	93283	93760	0.89	cps
Cobalt	59-2	9513	9820	9410	9581	2.23	cps
Copper	63-2	45741	45688	45822	45750	0.15	cps
Dysprosium	156-1	117	67	92	92	27.27	cps
Dysprosium	156-2	53	40	40	44	17.32	cps
Erbium	164-2	57	113	50	73	47.46	cps
Erbium	164-1	83	142	142	122	27.55	cps
Gadolinium	160-1	142	217	150	169	24.26	cps
Gadolinium	160-2	253	313	247	271	13.54	cps
Holmium	165-1	22672070	22560112	22642699	22624960	0.26	cps
Holmium	165-2	12402307	12316694	12606176	12441726	1.20	cps
Indium	115-1	14907676	14900820	15089789	14966095	0.72	cps
Indium	115-2	3160060	3178836	3182468	3173788	0.38	cps
Iron	56-2	421019365	423733121	423415721	422722735	0.35	cps
Iron	57-2	10240227	10301695	10360580	10300834	0.58	cps
Krypton	83-1	340	343	387	357	7.30	cps
Lead	206-1	83790	85686	83237	84238	1.52	cps
Lead	207-1	70447	68823	67851	69040	1.90	cps
Lead	208-1	323589	322792	318696	321693	0.82	cps
Lithium	6-1	2625599	2621672	2620692	2622654	0.10	cps
Magnesium	24-2	33862372	33631283	33626179	33706611	0.40	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:34:12	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21529	22427	22194	22050	2.11	cps
Molybdenum	94-1	7490835	7499369	7546260	7512155	0.40	cps
Molybdenum	95-1	13294634	13352879	13303522	13317012	0.24	cps
Molybdenum	96-1	14258063	14418418	14271932	14316137	0.62	cps
Molybdenum	97-1	8367732	8417914	8422724	8402790	0.36	cps
Molybdenum	98-1	21571964	21585096	21852402	21669820	0.73	cps
Neodymium	150-1	73	67	67	69	5.59	cps
Neodymium	150-2	33	53	30	39	32.45	cps
Nickel	60-2	11585	11425	11421	11477	0.81	cps
Phosphorus	31-2	677657	675846	683802	679101	0.61	cps
Potassium	39-2	28950065	29191140	29270886	29137364	0.57	cps
Rhodium	103-1	13233154	13170435	13236779	13213456	0.28	cps
Rhodium	103-2	7643746	7748957	7761351	7718018	0.84	cps
Scandium	45-1	7900289	7939778	7989750	7943272	0.56	cps
Scandium	45-2	420595	425252	423913	423253	0.57	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	37	54	50	47	18.65	cps
Selenium	82-1	14	-22	-79	-29	-162.06	cps
Silicon	28-1	251074	255465	254210	253583	0.89	cps
Silver	109-1	700	775	783	753	6.10	cps
Silver	107-1	733	775	992	833	16.64	cps
Sodium	23-2	64600618	64679218	64072437	64450758	0.51	cps
Strontium	86-1	142855	142451	143326	142877	0.31	cps
Strontium	88-1	1238395	1257478	1254811	1250228	0.83	cps
Sulfur	34-1	5425208	5537647	5442443	5468433	1.11	cps
Terbium	159-1	22853520	23017080	22775790	22882130	0.54	cps
Terbium	159-2	12087027	12186305	12174289	12149207	0.45	cps
Thallium	203-1	3117	3092	3767	3326	11.51	cps
Thallium	205-1	7202	7844	8662	7903	9.25	cps
Thorium	232-1	3289	3323	3189	3267	2.12	cps
Tin	118-1	3559	3859	3734	3717	4.05	cps
Titanium	47-1	3302492	3355348	3401906	3353249	1.48	cps
Uranium	238-1	3259	3134	2967	3120	4.69	cps
Vanadium	51-2	630	680	530	613	12.45	cps
Yttrium	89-1	29134027	29759030	29896220	29596425	1.37	cps
Yttrium	89-2	4694161	4717577	4738366	4716701	0.47	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:34:12	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11315	11401	11745	11487	1.98	cps
Zirconium	90-1	1792	2092	2075	1986	8.49	cps
Zirconium	91-1	308	367	317	331	9.55	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:39:41	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13202990	13040821	13156353	13133388	0.64	cps
Antimony	121-1	308409	311223	306243	308625	0.81	cps
Arsenic	75-2	10018	9646	10109	9924	2.47	cps
Barium	135-1	74643	75966	73905	74838	1.39	cps
Barium	137-1	130535	130374	131392	130767	0.42	cps
Beryllium	9-1	37196	36848	37396	37147	0.75	cps
Bismuth	209-1	14625323	14634459	14510252	14590011	0.47	cps
Bismuth	209-2	8833198	8697505	8838201	8789635	0.91	cps
Boron	11-1	105493	109421	108698	107870	1.94	cps
Boron	10-1	22009	21399	21366	21591	1.68	cps
Cadmium	106-1	26818	25641	25991	26150	2.31	cps
Cadmium	108-1	14391	14374	13465	14077	3.76	cps
Cadmium	111-1	94956	96550	96992	96166	1.11	cps
Calcium	43-1	3605543	3634048	3606637	3615409	0.45	cps
Calcium	44-1	59624960	60512839	60142662	60093487	0.74	cps
Chromium	52-2	190823	188610	191094	190176	0.72	cps
Cobalt	59-2	173897	169075	172184	171719	1.42	cps
Copper	63-2	163023	160963	162083	162023	0.64	cps
Dysprosium	156-1	50	117	125	97	42.28	cps
Dysprosium	156-2	63	60	40	54	23.18	cps
Erbium	164-2	90	80	113	94	18.12	cps
Erbium	164-1	158	117	158	144	16.66	cps
Gadolinium	160-1	150	208	125	161	26.54	cps
Gadolinium	160-2	273	277	310	287	7.07	cps
Holmium	165-1	22853039	23111268	23047448	23003918	0.58	cps
Holmium	165-2	12492318	12285574	12412965	12396952	0.84	cps
Indium	115-1	15246760	15236225	15150897	15211294	0.35	cps
Indium	115-2	3215525	3120530	3201035	3179030	1.61	cps
Iron	56-2	426245498	421785309	429242343	425757717	0.88	cps
Iron	57-2	10491339	10423076	10521642	10478686	0.48	cps
Krypton	83-1	320	270	290	293	8.58	cps
Lead	206-1	371571	370348	365351	369090	0.89	cps
Lead	207-1	316188	316490	313396	315358	0.54	cps
Lead	208-1	1452847	1444358	1423886	1440364	1.03	cps
Lithium	6-1	2586892	2596259	2567099	2583416	0.58	cps
Magnesium	24-2	34490911	34012405	34583957	34362424	0.89	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:39:41	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	78364	77402	78987	78251	1.02	cps
Molybdenum	94-1	8291434	8503292	8447639	8414122	1.31	cps
Molybdenum	95-1	13922273	14147236	14053576	14041028	0.80	cps
Molybdenum	96-1	15000046	15239942	15178333	15139440	0.82	cps
Molybdenum	97-1	8821344	8837920	8817788	8825684	0.12	cps
Molybdenum	98-1	22816338	22921623	22681031	22806331	0.53	cps
Neodymium	150-1	100	87	47	78	35.69	cps
Neodymium	150-2	43	40	23	36	30.14	cps
Nickel	60-2	54247	53022	53337	53535	1.19	cps
Phosphorus	31-2	689087	685636	693893	689539	0.60	cps
Potassium	39-2	29626747	29230408	29513037	29456731	0.69	cps
Rhodium	103-1	13467356	13463416	13460057	13463610	0.03	cps
Rhodium	103-2	7859860	7660230	7794789	7771626	1.31	cps
Scandium	45-1	8088575	8085344	8036302	8070073	0.36	cps
Scandium	45-2	434123	423781	426071	427992	1.27	cps
Selenium	77-2	290	260	283	278	5.67	cps
Selenium	78-2	978	922	952	951	2.92	cps
Selenium	82-1	5479	5508	5612	5533	1.27	cps
Silicon	28-1	683021	692914	688325	688087	0.72	cps
Silver	109-1	344554	345741	341153	343816	0.69	cps
Silver	107-1	358709	355053	352285	355349	0.91	cps
Sodium	23-2	66415704	65485476	66336133	66079104	0.78	cps
Strontium	86-1	450123	459142	456891	455385	1.03	cps
Strontium	88-1	4013359	4015852	3988646	4005952	0.38	cps
Sulfur	34-1	5543217	5576807	5510577	5543534	0.60	cps
Terbium	159-1	23168905	23171030	23152251	23164062	0.04	cps
Terbium	159-2	12275620	11948322	12151384	12125109	1.36	cps
Thallium	203-1	356070	359943	358277	358097	0.54	cps
Thallium	205-1	859660	866008	860823	862164	0.39	cps
Thorium	232-1	5501	5385	5640	5509	2.32	cps
Tin	118-1	767274	773229	767241	769248	0.45	cps
Titanium	47-1	3537231	3532941	3513402	3527858	0.36	cps
Uranium	238-1	4046072	3997278	4048124	4030491	0.71	cps
Vanadium	51-2	74125	73331	75351	74269	1.37	cps
Yttrium	89-1	29967790	30194714	29994031	30052178	0.41	cps
Yttrium	89-2	4783916	4676519	4781183	4747206	1.29	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:39:41	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	28922	32006	29627	30185	5.35	cps
Zirconium	90-1	1387904	1401597	1387043	1392181	0.59	cps
Zirconium	91-1	306403	314492	312156	311017	1.34	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:43:19	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7515381	7509245	7544942	7523189	0.25	cps
Antimony	121-1	7173707	7087178	7138675	7133187	0.61	cps
Arsenic	75-2	255400	256679	255620	255900	0.27	cps
Barium	135-1	8414332	8393522	8360889	8389581	0.32	cps
Barium	137-1	14722117	14656978	14609114	14662736	0.39	cps
Beryllium	9-1	874913	865766	872588	871089	0.55	cps
Bismuth	209-1	14111515	14044259	14116259	14090678	0.29	cps
Bismuth	209-2	8494185	8461583	8422680	8459482	0.42	cps
Boron	11-1	725440	731887	739970	732432	0.99	cps
Boron	10-1	148039	146521	153849	149470	2.59	cps
Cadmium	106-1	259486	261872	256978	259445	0.94	cps
Cadmium	108-1	172503	170916	171706	171708	0.46	cps
Cadmium	111-1	2207586	2233520	2201709	2214272	0.76	cps
Calcium	43-1	8778527	8669816	8795574	8747972	0.78	cps
Calcium	44-1	144127807	143696353	144416928	144080363	0.25	cps
Chromium	52-2	2378465	2373036	2373144	2374882	0.13	cps
Cobalt	59-2	3899777	3902129	3862408	3888105	0.57	cps
Copper	63-2	6350400	6327906	6342212	6340173	0.18	cps
Dysprosium	156-1	225	158	192	192	17.39	cps
Dysprosium	156-2	153	173	210	179	16.07	cps
Erbium	164-2	70	90	77	79	12.91	cps
Erbium	164-1	92	108	133	111	18.88	cps
Gadolinium	160-1	233	242	200	225	9.80	cps
Gadolinium	160-2	360	290	353	334	11.55	cps
Holmium	165-1	22484212	22464169	22555919	22501433	0.21	cps
Holmium	165-2	12309527	12200138	12130539	12213401	0.74	cps
Indium	115-1	14760960	14814989	14819593	14798514	0.22	cps
Indium	115-2	3115404	3121182	3094110	3110232	0.46	cps
Iron	56-2	517453689	522091078	516342278	518629015	0.59	cps
Iron	57-2	12769119	12730029	12621883	12707010	0.60	cps
Krypton	83-1	377	307	330	338	10.55	cps
Lead	206-1	6888077	6880451	6868212	6878913	0.15	cps
Lead	207-1	6095583	6095339	6072465	6087796	0.22	cps
Lead	208-1	27102484	27028232	27072708	27067808	0.14	cps
Lithium	6-1	2454815	2452587	2457808	2455070	0.11	cps
Magnesium	24-2	82428656	82701187	82099089	82409644	0.37	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:43:19	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2756290	2783477	2753122	2764296	0.60	cps
Molybdenum	94-1	14386395	14448893	14477896	14437728	0.32	cps
Molybdenum	95-1	18186569	18120327	18266964	18191287	0.40	cps
Molybdenum	96-1	20352104	20249812	20404154	20335357	0.39	cps
Molybdenum	97-1	11505104	11485981	11596982	11529355	0.51	cps
Molybdenum	98-1	29518132	29681420	29689928	29629827	0.33	cps
Neodymium	150-1	753	807	747	769	4.28	cps
Neodymium	150-2	153	97	110	120	24.69	cps
Nickel	60-2	1021035	1011235	1016785	1016352	0.48	cps
Phosphorus	31-2	70334	68952	69739	69675	1.00	cps
Potassium	39-2	36558570	36602610	36744271	36635150	0.26	cps
Rhodium	103-1	13047990	12973162	12983766	13001639	0.31	cps
Rhodium	103-2	7489748	7461324	7413909	7454994	0.51	cps
Scandium	45-1	7942891	8015162	8046374	8001476	0.66	cps
Scandium	45-2	433193	431756	426560	430503	0.81	cps
Selenium	77-2	7112	6695	6938	6915	3.03	cps
Selenium	78-2	23046	22777	22558	22794	1.07	cps
Selenium	82-1	132373	133331	132456	132720	0.40	cps
Silicon	28-1	3690526	3736118	3778164	3734936	1.17	cps
Silver	109-1	9447111	9500034	9476801	9474649	0.28	cps
Silver	107-1	9865441	9911279	9865564	9880761	0.27	cps
Sodium	23-2	158797808	157184337	158080816	158020987	0.51	cps
Strontium	86-1	2098571	2069898	2085861	2084777	0.69	cps
Strontium	88-1	18620216	18588075	18719636	18642642	0.37	cps
Sulfur	34-1	1061448	1064932	1059156	1061845	0.27	cps
Terbium	159-1	22760710	22909134	22762215	22810687	0.37	cps
Terbium	159-2	11991185	11859990	11859424	11903533	0.64	cps
Thallium	203-1	8433144	8392400	8449248	8424931	0.35	cps
Thallium	205-1	20120902	20215748	20119149	20151933	0.27	cps
Thorium	232-1	32119066	32029542	31950722	32033110	0.26	cps
Tin	118-1	6099782	6043123	6098338	6080414	0.53	cps
Titanium	47-1	4110661	4106177	4110315	4109051	0.06	cps
Uranium	238-1	32241685	32348126	32009939	32199917	0.54	cps
Vanadium	51-2	1842808	1833917	1812845	1829857	0.84	cps
Yttrium	89-1	29872504	29743027	29906349	29840627	0.29	cps
Yttrium	89-2	4770433	4757459	4681720	4736537	1.01	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P7
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:43:19	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	882220	893570	881818	885869	0.75	cps
Zirconium	90-1	11420872	11412823	11338299	11390665	0.40	cps
Zirconium	91-1	2511854	2513423	2492058	2505778	0.48	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : CCB89 Instrumnet Name : P7
 Client Sample ID : CCB89 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 19:47:01 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367	317	292	325	11.75	cps
Antimony	121-1	4918	5851	5977	5582	10.37	cps
Arsenic	75-2	26	30	39	31	21.20	cps
Barium	135-1	517	533	442	497	9.82	cps
Barium	137-1	1125	1008	842	992	14.36	cps
Beryllium	9-1	293	250	247	263	9.89	cps
Bismuth	209-1	15620359	15714706	15713176	15682747	0.34	cps
Bismuth	209-2	9625828	9601572	9642745	9623382	0.22	cps
Boron	11-1	39202	36228	34290	36573	6.76	cps
Boron	10-1	7669	7302	6744	7238	6.44	cps
Cadmium	106-1	14900	14141	14325	14455	2.74	cps
Cadmium	108-1	33	63	54	50	30.05	cps
Cadmium	111-1	10723	10276	10331	10443	2.34	cps
Calcium	43-1	858	875	667	800	14.47	cps
Calcium	44-1	36271	33840	33013	34374	4.93	cps
Chromium	52-2	987	987	923	966	3.79	cps
Cobalt	59-2	397	333	350	360	9.12	cps
Copper	63-2	5301	5314	5148	5254	1.76	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	40	23	7	23	71.42	cps
Erbium	164-2	73	60	63	66	10.58	cps
Erbium	164-1	100	67	33	67	50.00	cps
Gadolinium	160-1	108	125	83	106	19.87	cps
Gadolinium	160-2	290	250	287	276	8.05	cps
Holmium	165-1	22343291	22718486	22693823	22585200	0.93	cps
Holmium	165-2	12475381	12453894	12502707	12477327	0.20	cps
Indium	115-1	15686298	15768365	15867167	15773943	0.57	cps
Indium	115-2	3320055	3327996	3348999	3332350	0.45	cps
Iron	56-2	25723	22245	20771	22913	11.10	cps
Iron	57-2	683	522	556	587	14.49	cps
Krypton	83-1	337	350	373	353	5.25	cps
Lead	206-1	5412	5401	5229	5348	1.92	cps
Lead	207-1	5107	5146	5001	5084	1.47	cps
Lead	208-1	22558	22391	21282	22077	3.14	cps
Lithium	6-1	2556637	2590207	2613375	2586740	1.10	cps
Magnesium	24-2	3601	2967	2750	3106	14.22	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : CCB89 Instrumnet Name : P7
 Client Sample ID : CCB89 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 19:47:01 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	167	140	157	154	8.72	cps
Molybdenum	94-1	2842	2517	2792	2717	6.44	cps
Molybdenum	95-1	3226	3376	3192	3264	2.99	cps
Molybdenum	96-1	4067	3859	3651	3859	5.40	cps
Molybdenum	97-1	2492	2134	1967	2197	12.21	cps
Molybdenum	98-1	5977	5776	5218	5657	6.95	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1420	1500	1547	1489	4.30	cps
Phosphorus	31-2	142	117	142	133	10.83	cps
Potassium	39-2	32704	33063	31618	32462	2.32	cps
Rhodium	103-1	14402877	14386148	14462636	14417220	0.28	cps
Rhodium	103-2	8428520	8396636	8391606	8405587	0.24	cps
Scandium	45-1	8094378	8121450	8141072	8118967	0.29	cps
Scandium	45-2	427778	425610	437105	430164	1.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	54	33	48	26.93	cps
Selenium	82-1	-3	4	-60	-20	-178.61	cps
Silicon	28-1	134828	133188	130499	132838	1.65	cps
Silver	109-1	1358	1225	983	1189	15.99	cps
Silver	107-1	1467	1517	1100	1361	16.72	cps
Sodium	23-2	46766	44525	45787	45693	2.46	cps
Strontium	86-1	642	675	642	653	2.95	cps
Strontium	88-1	1367	1333	1175	1292	7.93	cps
Sulfur	34-1	469174	467934	464343	467150	0.54	cps
Terbium	159-1	22787533	22903915	23068835	22920094	0.62	cps
Terbium	159-2	12341521	12221811	12309874	12291069	0.50	cps
Thallium	203-1	4818	4609	4042	4490	8.94	cps
Thallium	205-1	10796	9462	8953	9737	9.78	cps
Thorium	232-1	6969	6830	6808	6869	1.27	cps
Tin	118-1	3609	3717	3584	3637	1.95	cps
Titanium	47-1	525	467	517	503	6.28	cps
Uranium	238-1	3859	3834	3892	3862	0.76	cps
Vanadium	51-2	57	53	53	54	3.54	cps
Yttrium	89-1	30439337	30273555	30651522	30454805	0.62	cps
Yttrium	89-2	4780161	4789721	4805196	4791693	0.26	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P7
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:47:01	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1590	1550	1460	1533	4.34	cps
Zirconium	90-1	2584	2684	2834	2700	4.66	cps
Zirconium	91-1	633	608	400	547	23.41	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:51:24	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2917	3109	3175	3067	4.37	cps
Antimony	121-1	31186	29432	30885	30501	3.07	cps
Arsenic	75-2	532	572	500	535	6.77	cps
Barium	135-1	36516	36557	35697	36257	1.34	cps
Barium	137-1	62885	61621	62391	62299	1.02	cps
Beryllium	9-1	2164	1963	2124	2084	5.08	cps
Bismuth	209-1	15592813	15962260	16080567	15878547	1.60	cps
Bismuth	209-2	9400117	9747467	9672922	9606835	1.90	cps
Boron	11-1	55914	54909	55320	55381	0.91	cps
Boron	10-1	11555	10738	11747	11346	4.72	cps
Cadmium	106-1	13724	14149	14591	14155	3.07	cps
Cadmium	108-1	308	350	317	325	6.78	cps
Cadmium	111-1	14017	13735	14235	13996	1.79	cps
Calcium	43-1	19163	18938	19380	19160	1.15	cps
Calcium	44-1	338531	334295	330874	334567	1.15	cps
Chromium	52-2	11004	10811	11181	10999	1.68	cps
Cobalt	59-2	8773	8696	9060	8843	2.17	cps
Copper	63-2	14087	14120	13930	14046	0.72	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-2	43	70	83	66	31.07	cps
Erbium	164-1	117	42	100	86	45.73	cps
Gadolinium	160-1	58	83	125	89	37.89	cps
Gadolinium	160-2	273	297	250	273	8.54	cps
Holmium	165-1	22450263	23013912	23200637	22888271	1.71	cps
Holmium	165-2	12097612	12605261	12599309	12434060	2.34	cps
Indium	115-1	15597887	16164173	16260018	16007359	2.24	cps
Indium	115-2	3229157	3394107	3392955	3338739	2.84	cps
Iron	56-2	241503	237460	242786	240583	1.16	cps
Iron	57-2	6346	6357	6318	6340	0.32	cps
Krypton	83-1	350	403	403	386	7.99	cps
Lead	206-1	16989	17673	17212	17291	2.02	cps
Lead	207-1	15921	16227	16399	16183	1.50	cps
Lead	208-1	67721	67810	67666	67732	0.11	cps
Lithium	6-1	2597448	2647984	2646696	2630710	1.10	cps
Magnesium	24-2	186463	187019	185248	186244	0.49	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:51:24	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3104	3074	3257	3145	3.13	cps
Molybdenum	94-1	28579	30417	29406	29467	3.12	cps
Molybdenum	95-1	37108	36222	37425	36918	1.69	cps
Molybdenum	96-1	40358	41812	41486	41219	1.85	cps
Molybdenum	97-1	23311	23061	23495	23289	0.94	cps
Molybdenum	98-1	60388	59943	59391	59907	0.83	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	2517	2520	2400	2479	2.76	cps
Phosphorus	31-2	458	592	425	492	17.94	cps
Potassium	39-2	180215	179523	177988	179242	0.64	cps
Rhodium	103-1	14371643	14806160	14860301	14679368	1.82	cps
Rhodium	103-2	8243486	8520783	8530615	8431628	1.93	cps
Scandium	45-1	8181532	8416963	8430360	8342952	1.68	cps
Scandium	45-2	409832	433421	435167	426140	3.32	cps
Selenium	77-2	60	90	80	77	19.92	cps
Selenium	78-2	326	291	339	319	7.82	cps
Selenium	82-1	1622	1520	1460	1534	5.34	cps
Silicon	28-1	181573	180884	180519	180992	0.30	cps
Silver	109-1	20098	19581	20090	19923	1.49	cps
Silver	107-1	21300	21258	21100	21219	0.50	cps
Sodium	23-2	374583	370584	379168	374778	1.15	cps
Strontium	86-1	4851	4734	5076	4887	3.56	cps
Strontium	88-1	38486	38486	38954	38642	0.70	cps
Sulfur	34-1	459356	463749	456799	459968	0.76	cps
Terbium	159-1	22832631	23565470	23446175	23281425	1.69	cps
Terbium	159-2	11863566	12320076	12253696	12145779	2.03	cps
Thallium	203-1	19532	20450	20158	20047	2.34	cps
Thallium	205-1	48665	47226	48790	48227	1.80	cps
Thorium	232-1	62633	62912	62404	62650	0.41	cps
Tin	118-1	68359	67957	67128	67815	0.93	cps
Titanium	47-1	9095	8853	9470	9139	3.40	cps
Uranium	238-1	64862	64552	64635	64683	0.25	cps
Vanadium	51-2	20017	20504	20177	20233	1.23	cps
Yttrium	89-1	30469981	31143870	31690706	31101519	1.97	cps
Yttrium	89-2	4694326	4878985	4890468	4821260	2.28	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:51:24	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2757	2760	2734	2750	0.53	cps
Zirconium	90-1	23963	22911	23186	23353	2.34	cps
Zirconium	91-1	5134	5201	4809	5048	4.15	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	PB122713BL	Instrumnet Name :	P7
Client Sample ID :	PB122713BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:55:01	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	50	83	89	47.19	cps
Antimony	121-1	642	700	833	725	13.55	cps
Arsenic	75-2	11	20	17	16	29.04	cps
Barium	135-1	33	17	25	25	33.32	cps
Barium	137-1	83	42	67	64	32.83	cps
Beryllium	9-1	103	180	120	134	29.99	cps
Bismuth	209-1	15982866	15949819	15932676	15955120	0.16	cps
Bismuth	209-2	9686082	9652902	9586835	9641940	0.52	cps
Boron	11-1	12989	12656	12656	12767	1.51	cps
Boron	10-1	2775	2700	2617	2698	2.94	cps
Cadmium	106-1	14300	13924	13056	13760	4.63	cps
Cadmium	108-1	8	46	33	29	65.47	cps
Cadmium	111-1	10091	9823	9179	9698	4.84	cps
Calcium	43-1	208	158	150	172	18.32	cps
Calcium	44-1	23511	24304	23303	23706	2.23	cps
Chromium	52-2	887	853	830	857	3.32	cps
Cobalt	59-2	233	197	277	236	17.00	cps
Copper	63-2	1643	1770	1487	1633	8.69	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	13	10	23	16	44.60	cps
Erbium	164-2	53	60	43	52	16.07	cps
Erbium	164-1	125	67	108	100	30.05	cps
Gadolinium	160-1	75	108	75	86	22.35	cps
Gadolinium	160-2	243	243	287	258	9.71	cps
Holmium	165-1	22932197	23074953	22968062	22991737	0.32	cps
Holmium	165-2	12608247	12576394	12403413	12529351	0.88	cps
Indium	115-1	16280349	16185476	16160047	16208624	0.39	cps
Indium	115-2	3412112	3377243	3327469	3372275	1.26	cps
Iron	56-2	4395	4295	4451	4380	1.80	cps
Iron	57-2	150	111	172	144	21.41	cps
Krypton	83-1	360	280	357	332	13.62	cps
Lead	206-1	2539	2689	2517	2582	3.63	cps
Lead	207-1	2267	2295	2172	2245	2.85	cps
Lead	208-1	9881	10072	9437	9797	3.32	cps
Lithium	6-1	2702018	2671484	2676260	2683254	0.61	cps
Magnesium	24-2	642	767	575	661	14.72	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	PB122713BL	Instrumnet Name :	P7
Client Sample ID :	PB122713BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:55:01	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	80	90	77	19.92	cps
Molybdenum	94-1	750	825	733	770	6.35	cps
Molybdenum	95-1	375	250	358	328	20.71	cps
Molybdenum	96-1	333	475	417	408	17.44	cps
Molybdenum	97-1	258	175	267	233	21.72	cps
Molybdenum	98-1	592	600	683	625	8.11	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	273	293	263	277	5.52	cps
Phosphorus	31-2	117	217	142	158	32.87	cps
Potassium	39-2	26299	27109	26984	26797	1.63	cps
Rhodium	103-1	14773207	14854005	14699626	14775612	0.52	cps
Rhodium	103-2	8544303	8461240	8468682	8491408	0.54	cps
Scandium	45-1	8347552	8342992	8333460	8341335	0.09	cps
Scandium	45-2	436176	439834	433413	436474	0.74	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	22	65	37	41	52.29	cps
Selenium	82-1	-62	15	-21	-23	-170.47	cps
Silicon	28-1	111178	112530	113017	112242	0.85	cps
Silver	109-1	325	250	258	278	14.80	cps
Silver	107-1	350	483	492	442	18.00	cps
Sodium	23-2	33714	34031	33964	33903	0.49	cps
Strontium	86-1	525	442	483	483	8.62	cps
Strontium	88-1	192	158	167	172	10.07	cps
Sulfur	34-1	454046	458725	455195	455989	0.53	cps
Terbium	159-1	23490828	23397085	23209279	23365731	0.61	cps
Terbium	159-2	12351523	12309686	12180226	12280478	0.73	cps
Thallium	203-1	1792	1959	1825	1859	4.75	cps
Thallium	205-1	3859	3759	4309	3976	7.37	cps
Thorium	232-1	2528	2661	2578	2589	2.60	cps
Tin	118-1	1892	1967	2009	1956	3.02	cps
Titanium	47-1	200	133	208	181	22.77	cps
Uranium	238-1	1967	1875	1942	1928	2.46	cps
Vanadium	51-2	17	20	10	16	32.73	cps
Yttrium	89-1	31199065	31141393	31069128	31136529	0.21	cps
Yttrium	89-2	4907567	4837936	4835665	4860389	0.84	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	PB122713BL	Instrumnet Name :	P7
Client Sample ID :	PB122713BL	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:55:01	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	847	827	800	824	2.84	cps
Zirconium	90-1	1575	1550	1892	1672	11.39	cps
Zirconium	91-1	333	283	392	336	16.13	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	PB122713BS	Instrumnet Name :	P7
Client Sample ID :	PB122713BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:58:37	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1480755	1481767	1459600	1474040	0.85	cps
Antimony	121-1	7845188	7827250	7855051	7842496	0.18	cps
Arsenic	75-2	263758	260646	260181	261529	0.74	cps
Barium	135-1	9092375	9042033	9063798	9066069	0.28	cps
Barium	137-1	15696701	15860505	15904138	15820448	0.69	cps
Beryllium	9-1	967347	950470	951729	956515	0.98	cps
Bismuth	209-1	15605461	15635114	15617364	15619313	0.10	cps
Bismuth	209-2	9457617	9463270	9415851	9445579	0.27	cps
Boron	11-1	811888	821151	814275	815771	0.59	cps
Boron	10-1	162099	162763	165399	163420	1.07	cps
Cadmium	106-1	260066	256454	257756	258092	0.71	cps
Cadmium	108-1	172576	170475	169811	170954	0.84	cps
Cadmium	111-1	2212398	2201462	2189649	2201169	0.52	cps
Calcium	43-1	1943103	1926556	1942008	1937222	0.48	cps
Calcium	44-1	32385657	32419514	32383091	32396088	0.06	cps
Chromium	52-2	2490105	2494097	2477347	2487183	0.35	cps
Cobalt	59-2	4258038	4227184	4233615	4239612	0.38	cps
Copper	63-2	6180728	6192915	6156589	6176744	0.30	cps
Dysprosium	156-1	133	158	158	150	9.62	cps
Dysprosium	156-2	143	130	143	139	5.55	cps
Erbium	164-2	70	67	67	68	2.84	cps
Erbium	164-1	75	75	83	78	6.19	cps
Gadolinium	160-1	158	67	175	133	43.75	cps
Gadolinium	160-2	277	240	290	269	9.63	cps
Holmium	165-1	23270381	23599691	23519844	23463305	0.73	cps
Holmium	165-2	12870588	12845643	12765370	12827201	0.43	cps
Indium	115-1	15849342	15777835	15835581	15820919	0.24	cps
Indium	115-2	3308165	3313797	3305508	3309157	0.13	cps
Iron	56-2	114465080	112806586	112861261	113377642	0.83	cps
Iron	57-2	2762868	2748078	2749444	2753463	0.30	cps
Krypton	83-1	383	380	350	371	4.95	cps
Lead	206-1	7614334	7617620	7584835	7605597	0.24	cps
Lead	207-1	6934790	6875262	6680516	6830189	1.95	cps
Lead	208-1	30306295	30208262	30057364	30190641	0.42	cps
Lithium	6-1	2691481	2656046	2647619	2665049	0.87	cps
Magnesium	24-2	18344284	18370619	18222941	18312614	0.43	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	PB122713BS	Instrumnet Name :	P7
Client Sample ID :	PB122713BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:58:37	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2980709	2972905	2992330	2981981	0.33	cps
Molybdenum	94-1	15331941	15458765	15293595	15361434	0.56	cps
Molybdenum	95-1	19392459	19441241	19352892	19395531	0.23	cps
Molybdenum	96-1	21692590	21555475	21677014	21641693	0.35	cps
Molybdenum	97-1	12301086	12285740	12276986	12287938	0.10	cps
Molybdenum	98-1	31614014	31607672	31445003	31555563	0.30	cps
Neodymium	150-1	713	667	887	756	15.34	cps
Neodymium	150-2	83	67	47	66	28.01	cps
Nickel	60-2	1101881	1105001	1108952	1105278	0.32	cps
Phosphorus	31-2	75416	73933	73816	74388	1.20	cps
Potassium	39-2	7810518	7794121	7761387	7788675	0.32	cps
Rhodium	103-1	14201727	14225518	14225825	14217690	0.10	cps
Rhodium	103-2	8190723	8177094	8181620	8183146	0.08	cps
Scandium	45-1	8417116	8424100	8342338	8394518	0.54	cps
Scandium	45-2	441919	444699	445864	444161	0.46	cps
Selenium	77-2	7379	7302	7512	7398	1.44	cps
Selenium	78-2	25101	25087	25012	25067	0.19	cps
Selenium	82-1	148548	149231	148889	148889	0.23	cps
Silicon	28-1	4090389	4181322	4147604	4139771	1.11	cps
Silver	109-1	9813702	9719380	9710335	9747806	0.59	cps
Silver	107-1	10185481	10002350	10025621	10071150	0.99	cps
Sodium	23-2	35033281	35161485	34712324	34969030	0.66	cps
Strontium	86-1	2232713	2217391	2231207	2227104	0.38	cps
Strontium	88-1	19887042	19960427	19826924	19891465	0.34	cps
Sulfur	34-1	1106148	1094634	1095286	1098689	0.59	cps
Terbium	159-1	23946762	23705045	23571529	23741112	0.80	cps
Terbium	159-2	12537618	12496161	12501440	12511740	0.18	cps
Thallium	203-1	9179257	9326399	9339893	9281850	0.96	cps
Thallium	205-1	22177829	22230158	22294204	22234064	0.26	cps
Thorium	232-1	34164061	34257447	34255489	34225666	0.16	cps
Tin	118-1	6643508	6609298	6628459	6627089	0.26	cps
Titanium	47-1	4420609	4384233	4396540	4400461	0.42	cps
Uranium	238-1	34231547	34259249	34386223	34292339	0.24	cps
Vanadium	51-2	1934629	1927734	1926188	1929517	0.23	cps
Yttrium	89-1	31025911	31230393	31092362	31116222	0.34	cps
Yttrium	89-2	4897504	4892872	4933880	4908085	0.46	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	PB122713BS	Instrumnet Name :	P7
Client Sample ID :	PB122713BS	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 19:58:37	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	948502	947552	950715	948923	0.17	cps
Zirconium	90-1	12085555	12172634	12058603	12105597	0.49	cps
Zirconium	91-1	2643061	2662619	2634881	2646853	0.54	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-01	Instrumnet Name :	P7
Client Sample ID :	P001-FB-082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:02:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	142	150	133	16.54	cps
Antimony	121-1	4359	4501	4601	4487	2.71	cps
Arsenic	75-2	41	20	26	29	36.29	cps
Barium	135-1	583	558	558	567	2.55	cps
Barium	137-1	1017	1000	1033	1017	1.64	cps
Beryllium	9-1	237	160	180	192	20.69	cps
Bismuth	209-1	16736710	17064287	17263535	17021511	1.56	cps
Bismuth	209-2	9334593	9060384	9975336	9456771	4.97	cps
Boron	11-1	35594	33396	33229	34073	3.87	cps
Boron	10-1	7644	6977	6735	7119	6.61	cps
Cadmium	106-1	15017	15234	14900	15050	1.12	cps
Cadmium	108-1	67	71	46	61	21.92	cps
Cadmium	111-1	10732	10852	10636	10740	1.01	cps
Calcium	43-1	875	633	583	697	22.37	cps
Calcium	44-1	32261	32161	31819	32080	0.72	cps
Chromium	52-2	787	723	687	732	6.91	cps
Cobalt	59-2	297	263	283	281	5.97	cps
Copper	63-2	1530	1763	1613	1636	7.23	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	10	20	10	100.00	cps
Erbium	164-2	90	70	27	62	52.03	cps
Erbium	164-1	117	75	117	103	23.41	cps
Gadolinium	160-1	83	208	83	125	57.73	cps
Gadolinium	160-2	270	237	247	251	6.81	cps
Holmium	165-1	23920988	24196396	24897505	24338296	2.07	cps
Holmium	165-2	12116246	11699876	12945104	12253742	5.17	cps
Indium	115-1	16831238	17168093	17303606	17100979	1.42	cps
Indium	115-2	3191909	3116746	3449799	3252818	5.37	cps
Iron	56-2	8781	8436	8230	8482	3.28	cps
Iron	57-2	217	222	239	226	5.12	cps
Krypton	83-1	423	373	303	367	16.44	cps
Lead	206-1	2317	2128	2256	2234	4.32	cps
Lead	207-1	2084	2056	1984	2041	2.53	cps
Lead	208-1	8984	8351	8466	8601	3.92	cps
Lithium	6-1	2698478	2787077	2799718	2761758	2.00	cps
Magnesium	24-2	2575	2459	2375	2470	4.07	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-01	Instrumnet Name :	P7
Client Sample ID :	P001-FB-082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:02:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	227	213	223	221	3.14	cps
Molybdenum	94-1	2467	2517	2325	2436	4.08	cps
Molybdenum	95-1	3209	2825	2875	2970	7.02	cps
Molybdenum	96-1	3901	3384	3075	3453	12.07	cps
Molybdenum	97-1	2100	1784	1508	1797	16.48	cps
Molybdenum	98-1	5660	4743	4184	4862	15.32	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	277	210	197	228	18.82	cps
Phosphorus	31-2	133	125	92	117	18.90	cps
Potassium	39-2	27994	29246	27777	28339	2.80	cps
Rhodium	103-1	15286240	15546199	15713312	15515251	1.39	cps
Rhodium	103-2	8145605	7831811	8675831	8217749	5.19	cps
Scandium	45-1	8704591	8716925	8904144	8775220	1.27	cps
Scandium	45-2	406938	399876	442767	416527	5.52	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	63	50	48	54	15.03	cps
Selenium	82-1	-115	-56	-3	-58	-96.00	cps
Silicon	28-1	129836	127825	125666	127775	1.63	cps
Silver	109-1	800	675	608	694	14.01	cps
Silver	107-1	1242	825	850	972	24.04	cps
Sodium	23-2	36846	37272	37280	37133	0.67	cps
Strontium	86-1	775	700	767	747	5.50	cps
Strontium	88-1	1358	1450	1067	1292	15.50	cps
Sulfur	34-1	448722	440718	444613	444684	0.90	cps
Terbium	159-1	24530631	24716874	25288090	24845199	1.59	cps
Terbium	159-2	11857989	11399474	12563806	11940423	4.91	cps
Thallium	203-1	3050	2875	2900	2942	3.22	cps
Thallium	205-1	7327	7294	6243	6955	8.86	cps
Thorium	232-1	6541	6079	5868	6163	5.58	cps
Tin	118-1	2992	3484	2900	3126	10.04	cps
Titanium	47-1	450	317	308	358	22.18	cps
Uranium	238-1	4101	3642	3301	3681	10.91	cps
Vanadium	51-2	90	53	70	71	25.82	cps
Yttrium	89-1	32193420	32895620	33115841	32734960	1.47	cps
Yttrium	89-2	4612951	4473862	4952830	4679881	5.27	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-01	Instrumnet Name :	P7
Client Sample ID :	P001-FB-082019-01	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:02:14	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16259	16706	16623	16530	1.44	cps
Zirconium	90-1	2075	2067	2017	2053	1.54	cps
Zirconium	91-1	450	375	250	358	28.20	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-02 Instrumnet Name : P7
 Client Sample ID : P001-SW001-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:05:51 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1017	1217	958	1064	12.74	cps
Antimony	121-1	19881	20007	21183	20357	3.53	cps
Arsenic	75-2	400	396	309	369	13.93	cps
Barium	135-1	890486	900890	902344	897907	0.72	cps
Barium	137-1	1567503	1576031	1577653	1573729	0.35	cps
Beryllium	9-1	120	160	130	137	15.23	cps
Bismuth	209-1	16290247	16436970	16496092	16407770	0.65	cps
Bismuth	209-2	9564188	9481777	9515327	9520431	0.44	cps
Boron	11-1	73312	78237	75900	75817	3.25	cps
Boron	10-1	14874	15333	15383	15197	1.85	cps
Cadmium	106-1	12990	13474	13048	13171	2.00	cps
Cadmium	108-1	167	200	200	189	10.19	cps
Cadmium	111-1	10947	11346	11152	11148	1.79	cps
Calcium	43-1	1361933	1365059	1359898	1362296	0.19	cps
Calcium	44-1	22905603	22937686	22945179	22929489	0.09	cps
Chromium	52-2	5311	5278	5064	5218	2.57	cps
Cobalt	59-2	1960	2024	2107	2030	3.62	cps
Copper	63-2	33659	34962	33228	33950	2.66	cps
Dysprosium	156-1	83	50	42	58	37.80	cps
Dysprosium	156-2	40	47	63	50	24.03	cps
Erbium	164-2	87	73	77	79	8.79	cps
Erbium	164-1	100	108	108	106	4.56	cps
Gadolinium	160-1	108	183	133	142	26.96	cps
Gadolinium	160-2	230	310	240	260	16.76	cps
Holmium	165-1	22036035	22709854	22718775	22488221	1.74	cps
Holmium	165-2	12086450	11976226	12124068	12062248	0.64	cps
Indium	115-1	15411309	15549826	15804327	15588487	1.28	cps
Indium	115-2	3138023	3113410	3097244	3116225	0.66	cps
Iron	56-2	6295049	6253856	6209597	6252834	0.68	cps
Iron	57-2	158641	160045	154044	157577	1.99	cps
Krypton	83-1	380	313	327	340	10.38	cps
Lead	206-1	29155	29188	27061	28468	4.28	cps
Lead	207-1	26956	25681	23967	25534	5.87	cps
Lead	208-1	40622	38128	29419	36057	16.31	cps
Lithium	6-1	3071219	3249052	3355438	3225236	4.45	cps
Magnesium	24-2	420923	419943	418779	419882	0.26	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-02 Instrumnet Name : P7
 Client Sample ID : P001-SW001-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:05:51 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110938	109497	109309	109914	0.81	cps
Molybdenum	94-1	2750	2950	2642	2781	5.63	cps
Molybdenum	95-1	3334	3284	3351	3323	1.05	cps
Molybdenum	96-1	3767	3759	3876	3801	1.71	cps
Molybdenum	97-1	2034	2134	1875	2014	6.47	cps
Molybdenum	98-1	5426	5510	5651	5529	2.06	cps
Neodymium	150-1	160	133	180	158	14.84	cps
Neodymium	150-2	40	30	50	40	25.00	cps
Nickel	60-2	2907	3054	3124	3028	3.65	cps
Phosphorus	31-2	650	633	600	628	4.06	cps
Potassium	39-2	94743	86459	80376	87193	8.27	cps
Rhodium	103-1	13583764	13733099	13695748	13670870	0.57	cps
Rhodium	103-2	7849734	7814284	7839349	7834456	0.23	cps
Scandium	45-1	7799908	7797078	7799701	7798896	0.02	cps
Scandium	45-2	392151	391060	390137	391116	0.26	cps
Selenium	77-2	17	20	40	26	49.38	cps
Selenium	78-2	78	69	52	66	19.89	cps
Selenium	82-1	137	177	136	150	15.39	cps
Silicon	28-1	14444201	14614213	14546183	14534866	0.59	cps
Silver	109-1	30075	26568	23028	26557	13.27	cps
Silver	107-1	31060	28814	24940	28271	10.95	cps
Sodium	23-2	350582	359884	361394	357286	1.64	cps
Strontium	86-1	923024	940552	937610	933729	1.01	cps
Strontium	88-1	8304402	8389243	8390887	8361511	0.59	cps
Sulfur	34-1	444138	444766	438104	442336	0.83	cps
Terbium	159-1	22374902	22829809	22902431	22702381	1.26	cps
Terbium	159-2	11757086	11707796	11708395	11724426	0.24	cps
Thallium	203-1	17237	15076	13149	15154	13.50	cps
Thallium	205-1	41925	36317	32207	36817	13.25	cps
Thorium	232-1	6113	6168	6535	6272	3.66	cps
Tin	118-1	43627	47557	50166	47117	6.99	cps
Titanium	47-1	1058	1200	983	1081	10.18	cps
Uranium	238-1	2909	3067	3051	3009	2.89	cps
Vanadium	51-2	1033	1023	1063	1040	2.00	cps
Yttrium	89-1	29116011	29688560	29515250	29439940	1.00	cps
Yttrium	89-2	4401319	4380452	4377134	4386302	0.30	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-02	Instrumnet Name :	P7
Client Sample ID :	P001-SW001-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:05:51	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	24584	24614	24604	24601	0.06	cps
Zirconium	90-1	2075	2684	2500	2420	12.90	cps
Zirconium	91-1	500	558	675	578	15.42	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-03 Instrumnet Name : P7
 Client Sample ID : P001-SW002-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:09:28 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26040	25465	24354	25286	3.39	cps
Antimony	121-1	16636	17153	18062	17284	4.18	cps
Arsenic	75-2	431	506	450	462	8.34	cps
Barium	135-1	80181	80006	80793	80327	0.51	cps
Barium	137-1	140505	142946	141541	141664	0.86	cps
Beryllium	9-1	100	143	103	116	20.87	cps
Bismuth	209-1	15976698	15939731	16161176	16025868	0.74	cps
Bismuth	209-2	9000699	9203110	9034883	9079564	1.19	cps
Boron	11-1	25639	24304	23486	24476	4.44	cps
Boron	10-1	5251	5068	4484	4934	8.12	cps
Cadmium	106-1	12005	12314	12706	12342	2.85	cps
Cadmium	108-1	100	58	113	90	31.42	cps
Cadmium	111-1	9251	9408	9703	9454	2.43	cps
Calcium	43-1	1308036	1304546	1306803	1306461	0.14	cps
Calcium	44-1	21812865	21877297	21876457	21855540	0.17	cps
Chromium	52-2	3594	3467	3284	3448	4.52	cps
Cobalt	59-2	587	543	493	541	8.63	cps
Copper	63-2	70727	68489	68121	69112	2.04	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	13	17	20	17	20.01	cps
Erbium	164-2	37	53	57	49	21.91	cps
Erbium	164-1	67	83	83	78	12.37	cps
Gadolinium	160-1	133	117	67	106	32.87	cps
Gadolinium	160-2	210	230	227	222	4.82	cps
Holmium	165-1	22709610	22863571	22803982	22792388	0.34	cps
Holmium	165-2	11567286	11760359	11518116	11615254	1.10	cps
Indium	115-1	15155850	15223550	15400216	15259872	0.83	cps
Indium	115-2	2897448	2916517	2873340	2895768	0.75	cps
Iron	56-2	38752	38896	38535	38727	0.47	cps
Iron	57-2	8247	8236	8180	8221	0.43	cps
Krypton	83-1	260	330	353	314	15.45	cps
Lead	206-1	16411	16611	16967	16663	1.69	cps
Lead	207-1	14881	15009	14575	14822	1.50	cps
Lead	208-1	58745	60533	60213	59830	1.59	cps
Lithium	6-1	3519289	3601729	3678085	3599701	2.21	cps
Magnesium	24-2	192857	197637	193500	194665	1.33	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-03 Instrumnet Name : P7
 Client Sample ID : P001-SW002-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:09:28 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2667	2687	2440	2598	5.27	cps
Molybdenum	94-1	2284	2567	2784	2545	9.86	cps
Molybdenum	95-1	2717	2692	2942	2784	4.95	cps
Molybdenum	96-1	3534	3509	3759	3601	3.83	cps
Molybdenum	97-1	1909	1825	2175	1970	9.28	cps
Molybdenum	98-1	5026	4793	4934	4918	2.39	cps
Neodymium	150-1	20	27	33	27	24.99	cps
Neodymium	150-2	13	3	13	10	57.75	cps
Nickel	60-2	780	753	837	790	5.39	cps
Phosphorus	31-2	2059	2325	2134	2172	6.33	cps
Potassium	39-2	4843321	4863830	4747693	4818281	1.29	cps
Rhodium	103-1	13361103	13349158	13306660	13338974	0.21	cps
Rhodium	103-2	7344829	7399294	7258841	7334321	0.97	cps
Scandium	45-1	7462794	7473644	7489382	7475273	0.18	cps
Scandium	45-2	357683	359147	355757	357529	0.48	cps
Selenium	77-2	23	27	13	21	32.88	cps
Selenium	78-2	74	52	67	64	17.62	cps
Selenium	82-1	138	121	82	114	24.84	cps
Silicon	28-1	9932121	9828750	9819658	9860176	0.63	cps
Silver	109-1	16344	15910	16268	16174	1.43	cps
Silver	107-1	16660	16861	15734	16419	3.66	cps
Sodium	23-2	3198214	3222345	3177770	3199443	0.70	cps
Strontium	86-1	895733	903851	888197	895927	0.87	cps
Strontium	88-1	7981302	8073424	8025382	8026703	0.57	cps
Sulfur	34-1	474875	467136	460019	467343	1.59	cps
Terbium	159-1	22882751	22893718	22984884	22920451	0.24	cps
Terbium	159-2	11249274	11377012	11317693	11314659	0.56	cps
Thallium	203-1	3276	2834	2784	2964	9.13	cps
Thallium	205-1	7127	6385	5843	6452	9.99	cps
Thorium	232-1	3940	3790	3995	3908	2.72	cps
Tin	118-1	22836	22068	23095	22666	2.36	cps
Titanium	47-1	1025	1150	1183	1120	7.46	cps
Uranium	238-1	8019	7986	8028	8011	0.27	cps
Vanadium	51-2	6665	6368	6582	6538	2.34	cps
Yttrium	89-1	28319083	28441190	28420276	28393517	0.23	cps
Yttrium	89-2	4067467	4077375	4032545	4059129	0.58	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-03	Instrumnet Name :	P7
Client Sample ID :	P001-SW002-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:09:28	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9870	9763	9587	9740	1.47	cps
Zirconium	90-1	1809	1909	1934	1884	3.51	cps
Zirconium	91-1	442	417	425	428	2.98	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-04 Instrumnet Name : P7
 Client Sample ID : P001-SW003-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:13:04 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	942	833	775	850	9.95	cps
Antimony	121-1	11772	11897	12723	12131	4.26	cps
Arsenic	75-2	572	641	591	601	5.90	cps
Barium	135-1	566556	565986	562607	565050	0.38	cps
Barium	137-1	990669	995741	992073	992828	0.26	cps
Beryllium	9-1	140	117	80	112	26.95	cps
Bismuth	209-1	15987443	15794274	16037371	15939696	0.81	cps
Bismuth	209-2	9039247	8958706	9043113	9013689	0.53	cps
Boron	11-1	60899	61594	61718	61404	0.72	cps
Boron	10-1	12331	11980	12772	12361	3.21	cps
Cadmium	106-1	12623	11155	11680	11819	6.29	cps
Cadmium	108-1	63	108	83	85	27.09	cps
Cadmium	111-1	9371	8270	8676	8773	6.35	cps
Calcium	43-1	893271	896420	897748	895813	0.26	cps
Calcium	44-1	15039908	15092144	15085063	15072372	0.19	cps
Chromium	52-2	3044	3177	3080	3100	2.22	cps
Cobalt	59-2	1117	993	1020	1043	6.22	cps
Copper	63-2	31113	30899	31137	31050	0.42	cps
Dysprosium	156-1	58	42	33	44	28.65	cps
Dysprosium	156-2	30	37	33	33	10.01	cps
Erbium	164-2	37	80	30	49	55.53	cps
Erbium	164-1	100	108	100	103	4.68	cps
Gadolinium	160-1	108	133	92	111	18.88	cps
Gadolinium	160-2	210	270	243	241	12.47	cps
Holmium	165-1	22441403	22406188	22549810	22465800	0.33	cps
Holmium	165-2	11368385	11379714	11504082	11417394	0.66	cps
Indium	115-1	14902951	14817408	14868286	14862882	0.29	cps
Indium	115-2	2769999	2798292	2813676	2793989	0.79	cps
Iron	56-2	2779122	2795852	2792732	2789235	0.32	cps
Iron	57-2	74170	74795	73819	74261	0.67	cps
Krypton	83-1	317	297	283	299	5.61	cps
Lead	206-1	14358	14481	14202	14347	0.97	cps
Lead	207-1	12745	12968	12556	12756	1.61	cps
Lead	208-1	8139	7907	7184	7743	6.43	cps
Lithium	6-1	3496975	3546042	3652039	3565019	2.22	cps
Magnesium	24-2	642617	646743	646711	645357	0.37	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-04 Instrumnet Name : P7
 Client Sample ID : P001-SW003-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:13:04 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	92167	92871	93176	92738	0.56	cps
Molybdenum	94-1	2342	2792	2692	2609	9.06	cps
Molybdenum	95-1	3384	3234	3442	3353	3.21	cps
Molybdenum	96-1	3992	4309	4384	4229	4.92	cps
Molybdenum	97-1	2042	2309	2375	2242	7.87	cps
Molybdenum	98-1	5601	5551	5851	5668	2.84	cps
Neodymium	150-1	67	60	80	69	14.78	cps
Neodymium	150-2	23	13	10	16	44.60	cps
Nickel	60-2	2154	2180	2160	2165	0.64	cps
Phosphorus	31-2	642	517	483	547	15.25	cps
Potassium	39-2	269730	270193	270141	270021	0.09	cps
Rhodium	103-1	13112812	12962341	13119892	13065015	0.68	cps
Rhodium	103-2	7128232	7132931	7250358	7170507	0.96	cps
Scandium	45-1	7172003	7125569	7159228	7152266	0.34	cps
Scandium	45-2	338368	338304	341104	339259	0.47	cps
Selenium	77-2	30	17	20	22	31.22	cps
Selenium	78-2	43	44	46	44	4.17	cps
Selenium	82-1	51	82	57	64	25.88	cps
Silicon	28-1	7420670	7440904	7467410	7442995	0.31	cps
Silver	109-1	7544	6727	6719	6996	6.78	cps
Silver	107-1	7752	7019	6852	7208	6.65	cps
Sodium	23-2	425137	438844	433580	432520	1.60	cps
Strontium	86-1	1047870	1056283	1057620	1053924	0.50	cps
Strontium	88-1	9420360	9496905	9456380	9457881	0.40	cps
Sulfur	34-1	380627	374615	367960	374400	1.69	cps
Terbium	159-1	22757615	22656967	22648976	22687853	0.27	cps
Terbium	159-2	11112341	11101950	11236073	11150121	0.67	cps
Thallium	203-1	1609	1675	1508	1597	5.25	cps
Thallium	205-1	3526	3234	3309	3356	4.51	cps
Thorium	232-1	3223	3067	3345	3212	4.34	cps
Tin	118-1	16168	17261	18238	17222	6.01	cps
Titanium	47-1	658	750	658	689	7.68	cps
Uranium	238-1	2825	2850	2809	2828	0.74	cps
Vanadium	51-2	993	1000	980	991	1.03	cps
Yttrium	89-1	27807135	27759842	27733743	27766907	0.13	cps
Yttrium	89-2	3895685	3888604	3936224	3906838	0.66	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-04	Instrumnet Name :	P7
Client Sample ID :	P001-SW003-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:13:04	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10070	12810	10547	11142	13.13	cps
Zirconium	90-1	1625	1675	1717	1672	2.74	cps
Zirconium	91-1	208	250	383	281	32.58	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-05 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:16:40 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1642	1725	1892	1753	7.26	cps
Antimony	121-1	19715	21117	21192	20674	4.02	cps
Arsenic	75-2	302	307	304	304	0.93	cps
Barium	135-1	134225	133771	131787	133261	0.97	cps
Barium	137-1	235016	235036	236618	235557	0.39	cps
Beryllium	9-1	103	120	103	109	8.83	cps
Bismuth	209-1	15769888	15878951	15846139	15831659	0.35	cps
Bismuth	209-2	8937947	8876842	8866224	8893671	0.44	cps
Boron	11-1	154829	157683	156834	156449	0.94	cps
Boron	10-1	30582	32143	32803	31843	3.58	cps
Cadmium	106-1	11363	11555	11322	11413	1.09	cps
Cadmium	108-1	58	75	63	65	13.28	cps
Cadmium	111-1	8309	8407	8327	8348	0.62	cps
Calcium	43-1	909991	914103	915341	913145	0.31	cps
Calcium	44-1	15329439	15382093	15350929	15354154	0.17	cps
Chromium	52-2	2694	2767	2770	2744	1.58	cps
Cobalt	59-2	760	840	910	837	8.97	cps
Copper	63-2	21369	21072	21002	21148	0.92	cps
Dysprosium	156-1	25	42	58	42	40.00	cps
Dysprosium	156-2	27	37	17	27	37.50	cps
Erbium	164-2	70	50	63	61	16.66	cps
Erbium	164-1	50	75	133	86	49.66	cps
Gadolinium	160-1	133	133	125	131	3.68	cps
Gadolinium	160-2	233	253	263	250	6.11	cps
Holmium	165-1	22596867	22624946	22689530	22637114	0.21	cps
Holmium	165-2	11541626	11411715	11488781	11480707	0.57	cps
Indium	115-1	14843591	14809964	14910069	14854541	0.34	cps
Indium	115-2	2806004	2779935	2803317	2796418	0.51	cps
Iron	56-2	1315610	1328116	1328851	1324192	0.56	cps
Iron	57-2	37916	38490	38763	38390	1.13	cps
Krypton	83-1	307	287	400	331	18.27	cps
Lead	206-1	11628	11350	11989	11655	2.75	cps
Lead	207-1	10427	10210	10326	10321	1.05	cps
Lead	208-1	35205	34776	34791	34924	0.70	cps
Lithium	6-1	3422662	3442227	3452707	3439199	0.44	cps
Magnesium	24-2	530181	531152	536254	532529	0.61	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-05 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:16:40 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	91432	90691	90704	90942	0.47	cps
Molybdenum	94-1	10337	10363	10821	10507	2.59	cps
Molybdenum	95-1	18630	18504	17912	18349	2.09	cps
Molybdenum	96-1	20182	19631	19990	19934	1.40	cps
Molybdenum	97-1	11689	11739	10955	11461	3.83	cps
Molybdenum	98-1	29080	29615	30224	29640	1.93	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	7	13	0	7	99.98	cps
Nickel	60-2	2180	2227	2214	2207	1.09	cps
Phosphorus	31-2	242	300	358	300	19.45	cps
Potassium	39-2	2038818	2056332	2033232	2042794	0.59	cps
Rhodium	103-1	12939554	12995284	12930417	12955085	0.27	cps
Rhodium	103-2	7229936	7179550	7202443	7203976	0.35	cps
Scandium	45-1	7127980	7048510	7158332	7111607	0.80	cps
Scandium	45-2	339668	344653	341663	341995	0.73	cps
Selenium	77-2	27	7	23	19	56.72	cps
Selenium	78-2	37	33	43	38	12.38	cps
Selenium	82-1	74	103	27	68	56.48	cps
Silicon	28-1	3302558	3286501	3257349	3282136	0.70	cps
Silver	109-1	4401	4776	3792	4323	11.48	cps
Silver	107-1	4776	4534	4109	4473	7.55	cps
Sodium	23-2	2029347	2044898	2034177	2036141	0.39	cps
Strontium	86-1	865395	858755	870559	864903	0.68	cps
Strontium	88-1	7721921	7740718	7655947	7706196	0.58	cps
Sulfur	34-1	442692	448270	444679	445214	0.64	cps
Terbium	159-1	22839969	22589507	22866232	22765236	0.67	cps
Terbium	159-2	11160687	11182103	11114997	11152596	0.31	cps
Thallium	203-1	1183	1183	1292	1220	5.13	cps
Thallium	205-1	2317	2692	2242	2417	9.98	cps
Thorium	232-1	2639	2761	2889	2763	4.53	cps
Tin	118-1	14400	16319	15976	15565	6.58	cps
Titanium	47-1	675	567	575	606	9.95	cps
Uranium	238-1	5293	5543	5160	5332	3.65	cps
Vanadium	51-2	1400	1567	1443	1470	5.88	cps
Yttrium	89-1	27522285	27799645	27501407	27607779	0.60	cps
Yttrium	89-2	3943200	3922041	3907457	3924233	0.46	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-05	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:16:40	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20298	21256	21486	21013	3.00	cps
Zirconium	90-1	1575	1692	1659	1642	3.66	cps
Zirconium	91-1	492	342	375	403	19.56	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-05DUP Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:20:16 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1892	1800	1742	1811	4.18	cps
Antimony	121-1	19965	20799	22252	21005	5.51	cps
Arsenic	75-2	324	344	294	321	7.83	cps
Barium	135-1	133115	133359	131592	132689	0.72	cps
Barium	137-1	233273	234726	235805	234601	0.54	cps
Beryllium	9-1	110	120	127	119	7.06	cps
Bismuth	209-1	15808851	15826731	15888429	15841337	0.26	cps
Bismuth	209-2	8956356	8997723	8901974	8952018	0.54	cps
Boron	11-1	155093	155431	158417	156314	1.17	cps
Boron	10-1	31559	31601	32845	32002	2.28	cps
Cadmium	106-1	12081	11822	11488	11797	2.52	cps
Cadmium	108-1	46	42	75	54	33.53	cps
Cadmium	111-1	8754	8580	8306	8546	2.64	cps
Calcium	43-1	916076	920120	909482	915226	0.59	cps
Calcium	44-1	15241878	15279694	15332828	15284800	0.30	cps
Chromium	52-2	2720	2347	2810	2626	9.36	cps
Cobalt	59-2	853	857	840	850	1.04	cps
Copper	63-2	18068	18335	18425	18276	1.02	cps
Dysprosium	156-1	33	25	42	33	25.01	cps
Dysprosium	156-2	23	10	33	22	52.68	cps
Erbium	164-2	57	53	53	54	3.54	cps
Erbium	164-1	75	100	67	81	21.53	cps
Gadolinium	160-1	92	67	150	103	41.61	cps
Gadolinium	160-2	273	233	260	256	7.97	cps
Holmium	165-1	22351207	22193901	22549714	22364940	0.80	cps
Holmium	165-2	11463120	11489072	11428767	11460320	0.26	cps
Indium	115-1	14633746	14690640	14764324	14696237	0.45	cps
Indium	115-2	2804494	2797176	2820268	2807313	0.42	cps
Iron	56-2	1316053	1332352	1320131	1322845	0.64	cps
Iron	57-2	38273	39002	37053	38109	2.58	cps
Krypton	83-1	330	353	350	344	3.66	cps
Lead	206-1	10499	10054	10093	10215	2.41	cps
Lead	207-1	9176	9348	9270	9265	0.93	cps
Lead	208-1	30096	29785	29235	29705	1.47	cps
Lithium	6-1	3272907	3292736	3312993	3292879	0.61	cps
Magnesium	24-2	538350	537741	532157	536083	0.64	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-05DUP Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:20:16 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	92022	91586	93146	92251	0.87	cps
Molybdenum	94-1	11021	10246	11589	10952	6.15	cps
Molybdenum	95-1	17603	18713	18404	18240	3.14	cps
Molybdenum	96-1	19522	19397	19180	19367	0.89	cps
Molybdenum	97-1	11597	11280	11172	11349	1.95	cps
Molybdenum	98-1	29640	28797	28989	29142	1.52	cps
Neodymium	150-1	20	73	20	38	81.51	cps
Neodymium	150-2	7	20	7	11	69.25	cps
Nickel	60-2	2154	2257	2004	2138	5.96	cps
Phosphorus	31-2	350	300	358	336	9.39	cps
Potassium	39-2	2043352	2043508	2047719	2044860	0.12	cps
Rhodium	103-1	12848601	12798942	12796837	12814793	0.23	cps
Rhodium	103-2	7206144	7190796	7155230	7184056	0.36	cps
Scandium	45-1	6994310	7013640	6998698	7002216	0.14	cps
Scandium	45-2	339823	343475	341440	341579	0.54	cps
Selenium	77-2	20	17	33	23	37.78	cps
Selenium	78-2	46	41	41	43	7.54	cps
Selenium	82-1	2	-4	-8	-3	-154.76	cps
Silicon	28-1	3278731	3279969	3287104	3281935	0.14	cps
Silver	109-1	3351	3467	3201	3339	4.00	cps
Silver	107-1	3867	3776	3359	3667	7.39	cps
Sodium	23-2	2041346	2044656	2035534	2040512	0.23	cps
Strontium	86-1	853395	859773	858901	857356	0.40	cps
Strontium	88-1	7646699	7700411	7763065	7703392	0.76	cps
Sulfur	34-1	459367	452127	454938	455477	0.80	cps
Terbium	159-1	22680555	22460620	22718830	22620001	0.62	cps
Terbium	159-2	11183141	11158828	11209955	11183975	0.23	cps
Thallium	203-1	892	925	1017	945	6.85	cps
Thallium	205-1	2092	2125	1859	2025	7.18	cps
Thorium	232-1	2561	2678	2778	2673	4.06	cps
Tin	118-1	15534	16051	15910	15832	1.69	cps
Titanium	47-1	675	608	775	686	12.23	cps
Uranium	238-1	5351	5418	5668	5479	3.05	cps
Vanadium	51-2	1510	1507	1383	1467	4.92	cps
Yttrium	89-1	27194000	27183889	27454347	27277412	0.56	cps
Yttrium	89-2	3927085	3930943	3919117	3925715	0.15	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-05DUP	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:20:16	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20144	20198	20264	20202	0.30	cps
Zirconium	90-1	1592	1517	1433	1514	5.23	cps
Zirconium	91-1	267	242	300	269	10.86	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-05LX5 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 5
 Date & Time Acquired :: 2019-08-30 20:23:51 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408	375	400	394	4.40	cps
Antimony	121-1	4793	4776	4943	4837	1.90	cps
Arsenic	75-2	78	76	83	79	4.87	cps
Barium	135-1	27077	26460	26626	26721	1.20	cps
Barium	137-1	46889	46730	48954	47524	2.61	cps
Beryllium	9-1	87	127	87	100	23.09	cps
Bismuth	209-1	16556864	16580083	16567388	16568112	0.07	cps
Bismuth	209-2	9368990	9369315	9406107	9381470	0.23	cps
Boron	11-1	44032	44157	42436	43542	2.20	cps
Boron	10-1	9562	8486	8811	8953	6.16	cps
Cadmium	106-1	12706	12189	12272	12389	2.24	cps
Cadmium	108-1	38	71	54	54	30.77	cps
Cadmium	111-1	9101	8658	8724	8828	2.71	cps
Calcium	43-1	183180	184997	184506	184227	0.51	cps
Calcium	44-1	3091454	3054307	3084722	3076828	0.64	cps
Chromium	52-2	1240	1340	1243	1275	4.46	cps
Cobalt	59-2	180	160	190	177	8.65	cps
Copper	63-2	13643	13480	13069	13397	2.21	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	17	20	10	16	32.73	cps
Erbium	164-2	33	50	43	42	19.87	cps
Erbium	164-1	100	67	117	94	26.96	cps
Gadolinium	160-1	100	67	108	92	24.05	cps
Gadolinium	160-2	273	240	243	252	7.28	cps
Holmium	165-1	23326374	23365343	23480380	23390699	0.34	cps
Holmium	165-2	11982029	11978506	11853259	11937931	0.61	cps
Indium	115-1	15466497	15390052	15523494	15460014	0.43	cps
Indium	115-2	2916342	2934718	2933433	2928164	0.35	cps
Iron	56-2	267334	265348	270836	267839	1.04	cps
Iron	57-2	8114	7447	7747	7769	4.30	cps
Krypton	83-1	300	297	293	297	1.12	cps
Lead	206-1	5774	5140	5096	5336	7.11	cps
Lead	207-1	4862	4857	4401	4707	5.62	cps
Lead	208-1	19808	18459	17965	18744	5.09	cps
Lithium	6-1	2924238	2921095	2909338	2918224	0.27	cps
Magnesium	24-2	105688	107400	105125	106071	1.12	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-05LX5 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 5
 Date & Time Acquired :: 2019-08-30 20:23:51 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18131	18709	18842	18561	2.04	cps
Molybdenum	94-1	2609	2717	2492	2606	4.32	cps
Molybdenum	95-1	3634	3709	3809	3717	2.36	cps
Molybdenum	96-1	4101	3876	3884	3953	3.23	cps
Molybdenum	97-1	2434	2417	2600	2484	4.08	cps
Molybdenum	98-1	5943	5526	6202	5890	5.78	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	503	550	673	576	15.26	cps
Phosphorus	31-2	167	142	250	186	30.48	cps
Potassium	39-2	429037	429596	427716	428783	0.23	cps
Rhodium	103-1	13695508	13739239	13803713	13746153	0.40	cps
Rhodium	103-2	7592846	7567486	7564532	7574955	0.21	cps
Scandium	45-1	7438961	7433291	7395657	7422636	0.32	cps
Scandium	45-2	354323	356370	355069	355254	0.29	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	19	24	28	23	19.87	cps
Selenium	82-1	37	19	36	31	32.31	cps
Silicon	28-1	741400	734960	740168	738842	0.46	cps
Silver	109-1	1450	1892	1592	1645	13.71	cps
Silver	107-1	2067	1592	2117	1925	15.05	cps
Sodium	23-2	466473	468444	464442	466453	0.43	cps
Strontium	86-1	174102	173571	173452	173708	0.20	cps
Strontium	88-1	1522360	1525252	1537924	1528512	0.54	cps
Sulfur	34-1	406015	404150	402588	404251	0.42	cps
Terbium	159-1	23521024	23686929	23549030	23585661	0.38	cps
Terbium	159-2	11612441	11587804	11659839	11620028	0.32	cps
Thallium	203-1	958	767	708	811	16.13	cps
Thallium	205-1	1417	1367	1442	1408	2.71	cps
Thorium	232-1	1867	2117	2134	2039	7.33	cps
Tin	118-1	3601	3659	3676	3645	1.08	cps
Titanium	47-1	158	217	225	200	18.16	cps
Uranium	238-1	2967	2567	2650	2728	7.74	cps
Vanadium	51-2	367	323	307	332	9.32	cps
Yttrium	89-1	28677930	28765477	28722677	28722028	0.15	cps
Yttrium	89-2	4117004	4078232	4088228	4094488	0.49	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-05LX5	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	5
Date & Time Acquired ::	2019-08-30 20:23:51	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4604	4561	4611	4592	0.59	cps
Zirconium	90-1	1217	1283	1267	1256	2.76	cps
Zirconium	91-1	200	250	250	233	12.37	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:34:58	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6378421	6372860	6302506	6351262	0.67	cps
Antimony	121-1	6691291	6747011	6778270	6738857	0.65	cps
Arsenic	75-2	220923	222061	221302	221429	0.26	cps
Barium	135-1	7945978	7943882	8015130	7968330	0.51	cps
Barium	137-1	14042160	14098244	14084408	14074937	0.21	cps
Beryllium	9-1	838750	844201	836044	839665	0.49	cps
Bismuth	209-1	14300232	14417687	14343661	14353860	0.41	cps
Bismuth	209-2	8319182	8293114	8244826	8285708	0.46	cps
Boron	11-1	685897	695700	708753	696783	1.65	cps
Boron	10-1	139825	141316	142029	141057	0.80	cps
Cadmium	106-1	241563	243992	241095	242216	0.64	cps
Cadmium	108-1	159482	157177	159047	158569	0.77	cps
Cadmium	111-1	2071089	2062198	2072724	2068670	0.27	cps
Calcium	43-1	7827070	7764351	7886102	7825841	0.78	cps
Calcium	44-1	129496211	127958911	129928828	129127983	0.80	cps
Chromium	52-2	2037018	2059219	2051366	2049201	0.55	cps
Cobalt	59-2	3407696	3400943	3433805	3414148	0.51	cps
Copper	63-2	5463153	5560831	5508637	5510874	0.89	cps
Dysprosium	156-1	258	192	167	206	23.05	cps
Dysprosium	156-2	153	190	170	171	10.73	cps
Erbium	164-2	63	70	43	59	23.57	cps
Erbium	164-1	125	142	133	133	6.25	cps
Gadolinium	160-1	200	133	200	178	21.65	cps
Gadolinium	160-2	290	240	287	272	10.27	cps
Holmium	165-1	22177944	22330238	22254224	22254135	0.34	cps
Holmium	165-2	11706161	11713125	11611102	11676796	0.49	cps
Indium	115-1	14038440	14035889	14114248	14062859	0.32	cps
Indium	115-2	2783871	2782795	2788062	2784909	0.10	cps
Iron	56-2	451886899	455572088	452868077	453442355	0.42	cps
Iron	57-2	11161180	11150245	11167389	11159605	0.08	cps
Krypton	83-1	317	327	407	350	14.09	cps
Lead	206-1	6900456	6997000	7017072	6971509	0.89	cps
Lead	207-1	6095264	6118513	6091273	6101683	0.24	cps
Lead	208-1	27264932	27503987	27450584	27406501	0.46	cps
Lithium	6-1	2531729	2519958	2507648	2519778	0.48	cps
Magnesium	24-2	70941389	71450958	70382181	70924843	0.75	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:34:58	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2378511	2377414	2362160	2372695	0.39	cps
Molybdenum	94-1	13347121	13386090	13543092	13425435	0.77	cps
Molybdenum	95-1	16865031	16922780	16978301	16922037	0.33	cps
Molybdenum	96-1	18786179	18987457	18910389	18894675	0.54	cps
Molybdenum	97-1	10636496	10828633	10747633	10737587	0.90	cps
Molybdenum	98-1	27447941	27834486	27649337	27643921	0.70	cps
Neodymium	150-1	767	760	740	756	1.84	cps
Neodymium	150-2	113	93	107	104	9.75	cps
Nickel	60-2	889533	891715	888918	890056	0.17	cps
Phosphorus	31-2	57428	58766	56884	57693	1.68	cps
Potassium	39-2	30642659	30639369	30646938	30642989	0.01	cps
Rhodium	103-1	12166105	12195554	12209717	12190459	0.18	cps
Rhodium	103-2	6840408	6865752	6849081	6851747	0.19	cps
Scandium	45-1	7237787	7239323	7306084	7261064	0.54	cps
Scandium	45-2	366935	365791	368022	366916	0.30	cps
Selenium	77-2	5878	5878	5775	5843	1.02	cps
Selenium	78-2	19378	19419	19547	19448	0.45	cps
Selenium	82-1	121927	122355	121111	121798	0.52	cps
Silicon	28-1	3262774	3329054	3346757	3312862	1.34	cps
Silver	109-1	8900786	8853543	8885469	8879933	0.27	cps
Silver	107-1	9193258	9214278	9335388	9247641	0.83	cps
Sodium	23-2	134960961	135651949	135821641	135478184	0.34	cps
Strontium	86-1	1908647	1897484	1898174	1901435	0.33	cps
Strontium	88-1	17200469	17118963	17083039	17134157	0.35	cps
Sulfur	34-1	950370	937982	949401	945918	0.73	cps
Terbium	159-1	22392127	22338025	22451295	22393816	0.25	cps
Terbium	159-2	11352325	11369792	11276462	11332860	0.44	cps
Thallium	203-1	8428184	8516396	8479243	8474607	0.52	cps
Thallium	205-1	20272722	20399327	20578081	20416710	0.75	cps
Thorium	232-1	32861483	32938426	33103926	32967945	0.38	cps
Tin	118-1	5638954	5625168	5631144	5631756	0.12	cps
Titanium	47-1	3697639	3646633	3705551	3683275	0.87	cps
Uranium	238-1	33292211	33363003	33602810	33419341	0.49	cps
Vanadium	51-2	1571150	1576887	1575030	1574356	0.19	cps
Yttrium	89-1	27740106	27631695	27635170	27668990	0.22	cps
Yttrium	89-2	4148872	4158361	4153262	4153498	0.11	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P7
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:34:58	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	775886	780007	772628	776173	0.48	cps
Zirconium	90-1	10483147	10468916	10543774	10498612	0.38	cps
Zirconium	91-1	2289904	2278370	2304506	2290927	0.57	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:46:53	DataFile Name :	031LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2709	2392	2434	2511	6.85	cps
Antimony	121-1	28430	28889	28329	28549	1.05	cps
Arsenic	75-2	435	430	481	449	6.34	cps
Barium	135-1	32004	32539	32013	32185	0.95	cps
Barium	137-1	57185	57319	58281	57595	1.04	cps
Beryllium	9-1	1913	1830	1930	1891	2.83	cps
Bismuth	209-1	15741225	15910641	15894376	15848747	0.59	cps
Bismuth	209-2	9410418	9383929	8805627	9199991	3.72	cps
Boron	11-1	48086	46071	47852	47336	2.33	cps
Boron	10-1	9637	9545	9612	9598	0.49	cps
Cadmium	106-1	12731	12606	12439	12592	1.16	cps
Cadmium	108-1	379	346	296	340	12.33	cps
Cadmium	111-1	12447	12700	12389	12512	1.32	cps
Calcium	43-1	16935	17136	17102	17058	0.63	cps
Calcium	44-1	286850	287324	285890	286688	0.25	cps
Chromium	52-2	9306	9063	9450	9273	2.11	cps
Cobalt	59-2	7259	7352	7409	7340	1.03	cps
Copper	63-2	12872	12689	12766	12776	0.72	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	10	13	13	12	15.73	cps
Erbium	164-2	60	57	40	52	20.52	cps
Erbium	164-1	100	117	50	89	39.03	cps
Gadolinium	160-1	67	83	58	69	18.33	cps
Gadolinium	160-2	243	273	217	244	11.60	cps
Holmium	165-1	22306803	22372876	22296979	22325552	0.18	cps
Holmium	165-2	11831272	11811131	11203542	11615315	3.07	cps
Indium	115-1	15091537	15125549	15157282	15124789	0.22	cps
Indium	115-2	2981381	2960835	2803793	2915337	3.33	cps
Iron	56-2	205066	202032	206921	204673	1.21	cps
Iron	57-2	5462	5051	5223	5246	3.94	cps
Krypton	83-1	267	330	230	276	18.36	cps
Lead	206-1	20132	20544	20171	20283	1.12	cps
Lead	207-1	18118	18380	18285	18261	0.72	cps
Lead	208-1	77614	80655	78602	78957	1.96	cps
Lithium	6-1	2763269	2787779	2760895	2770648	0.54	cps
Magnesium	24-2	157040	155094	155795	155976	0.63	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:46:53	DataFile Name :	031LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2747	2687	2417	2617	6.72	cps
Molybdenum	94-1	27035	26676	25883	26531	2.22	cps
Molybdenum	95-1	34334	32271	33265	33290	3.10	cps
Molybdenum	96-1	37751	37851	37642	37748	0.28	cps
Molybdenum	97-1	21008	20349	21300	20886	2.33	cps
Molybdenum	98-1	54673	53669	53260	53867	1.35	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	2010	2174	2230	2138	5.34	cps
Phosphorus	31-2	375	367	442	394	10.42	cps
Potassium	39-2	143354	139888	144154	142465	1.59	cps
Rhodium	103-1	13589075	13559986	13582914	13577325	0.11	cps
Rhodium	103-2	7667252	7624755	7184925	7492311	3.56	cps
Scandium	45-1	7382361	7362564	7406030	7383651	0.29	cps
Scandium	45-2	364637	363266	348255	358719	2.53	cps
Selenium	77-2	57	87	63	69	22.87	cps
Selenium	78-2	302	224	263	263	14.79	cps
Selenium	82-1	1478	1370	1532	1460	5.64	cps
Silicon	28-1	144350	140210	141504	142022	1.49	cps
Silver	109-1	18688	18112	18696	18499	1.81	cps
Silver	107-1	19389	19389	18546	19108	2.55	cps
Sodium	23-2	313691	310531	314304	312842	0.65	cps
Strontium	86-1	4084	4418	4259	4254	3.92	cps
Strontium	88-1	34768	34902	35411	35027	0.97	cps
Sulfur	34-1	401619	397239	399849	399569	0.55	cps
Terbium	159-1	22403069	22647817	22624155	22558347	0.60	cps
Terbium	159-2	11565759	11495665	10820662	11294029	3.64	cps
Thallium	203-1	19056	18831	18931	18939	0.60	cps
Thallium	205-1	44526	44643	45178	44782	0.78	cps
Thorium	232-1	64621	64576	63805	64334	0.71	cps
Tin	118-1	61754	64130	63536	63140	1.96	cps
Titanium	47-1	8194	8319	7544	8019	5.19	cps
Uranium	238-1	67090	66160	65314	66188	1.34	cps
Vanadium	51-2	16606	16626	16750	16661	0.47	cps
Yttrium	89-1	28223636	28227850	28457770	28303085	0.47	cps
Yttrium	89-2	4188508	4152142	3955393	4098681	3.06	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:46:53	DataFile Name :	031LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2080	2170	2147	2132	2.19	cps
Zirconium	90-1	21659	20691	20908	21086	2.41	cps
Zirconium	91-1	4559	4776	4768	4701	2.61	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : CCB91 Instrumnet Name : P7
 Client Sample ID : CCB91 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:51:46 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	17	25	33.32	cps
Antimony	121-1	517	467	692	558	21.16	cps
Arsenic	75-2	15	4	7	9	65.47	cps
Barium	135-1	42	33	33	36	13.33	cps
Barium	137-1	58	25	33	39	44.62	cps
Beryllium	9-1	140	123	110	124	12.08	cps
Bismuth	209-1	15634417	15499104	15821254	15651592	1.03	cps
Bismuth	209-2	9200515	9191711	9229816	9207347	0.22	cps
Boron	11-1	9345	9020	8936	9100	2.37	cps
Boron	10-1	1842	2025	1900	1922	4.87	cps
Cadmium	106-1	12039	12247	12631	12306	2.44	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Cadmium	111-1	8482	8635	8890	8669	2.37	cps
Calcium	43-1	158	150	117	142	15.56	cps
Calcium	44-1	17569	17119	17227	17305	1.36	cps
Chromium	52-2	810	807	827	814	1.32	cps
Cobalt	59-2	147	143	143	144	1.33	cps
Copper	63-2	1990	1757	1973	1907	6.83	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	7	20	11	69.25	cps
Erbium	164-2	63	33	63	53	32.48	cps
Erbium	164-1	67	67	67	67	0.00	cps
Gadolinium	160-1	83	117	108	103	16.88	cps
Gadolinium	160-2	227	257	183	222	16.59	cps
Holmium	165-1	21934303	21739789	21789385	21821159	0.46	cps
Holmium	165-2	11587531	11647985	11615515	11617010	0.26	cps
Indium	115-1	14656878	14744436	14778912	14726742	0.43	cps
Indium	115-2	2930702	2914653	2921549	2922301	0.28	cps
Iron	56-2	2578	2806	2628	2671	4.48	cps
Iron	57-2	83	67	33	61	41.67	cps
Krypton	83-1	300	270	253	274	8.62	cps
Lead	206-1	4962	5001	4801	4921	2.16	cps
Lead	207-1	4918	4695	4329	4647	6.40	cps
Lead	208-1	20343	20689	19577	20203	2.82	cps
Lithium	6-1	2724620	2717592	2756383	2732865	0.76	cps
Magnesium	24-2	392	342	325	353	9.83	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:51:46	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	60	87	71	19.52	cps
Molybdenum	94-1	683	750	542	658	16.16	cps
Molybdenum	95-1	217	175	183	192	11.50	cps
Molybdenum	96-1	283	367	183	278	33.05	cps
Molybdenum	97-1	175	150	142	156	11.15	cps
Molybdenum	98-1	225	275	225	242	11.95	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	143	147	140	143	2.33	cps
Phosphorus	31-2	108	108	58	92	31.49	cps
Potassium	39-2	20465	20089	19864	20139	1.51	cps
Rhodium	103-1	13246647	13224105	13398575	13289776	0.71	cps
Rhodium	103-2	7548907	7503693	7503443	7518681	0.35	cps
Scandium	45-1	7244078	7283891	7312242	7280070	0.47	cps
Scandium	45-2	360513	363080	361392	361661	0.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	37	44	38	14.78	cps
Selenium	82-1	-27	-7	40	2	1659.67	cps
Silicon	28-1	83131	82888	83550	83190	0.40	cps
Silver	109-1	467	333	467	422	18.23	cps
Silver	107-1	492	575	542	536	7.82	cps
Sodium	23-2	25656	25923	25639	25740	0.62	cps
Strontium	86-1	483	450	533	489	8.58	cps
Strontium	88-1	117	142	133	131	9.75	cps
Sulfur	34-1	424290	425565	425541	425132	0.17	cps
Terbium	159-1	21999569	22041422	22161595	22067529	0.38	cps
Terbium	159-2	11360127	11345948	11307778	11337951	0.24	cps
Thallium	203-1	1058	1300	1108	1156	11.04	cps
Thallium	205-1	2475	2400	2400	2425	1.79	cps
Thorium	232-1	2595	2639	2767	2667	3.35	cps
Tin	118-1	1617	1634	1542	1597	3.06	cps
Titanium	47-1	125	75	67	89	35.50	cps
Uranium	238-1	1859	2200	1867	1975	9.87	cps
Vanadium	51-2	20	7	10	12	56.76	cps
Yttrium	89-1	27511193	27673973	27943349	27709505	0.79	cps
Yttrium	89-2	4137018	4101232	4113818	4117356	0.44	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P7
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:51:46	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	410	400	483	431	10.56	cps
Zirconium	90-1	1392	1450	1567	1470	6.06	cps
Zirconium	91-1	283	283	275	281	1.71	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-06 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:55:23 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1194959	1191607	1190551	1192372	0.19	cps
Antimony	121-1	7274015	7306707	7285764	7288828	0.23	cps
Arsenic	75-2	209977	210789	212930	211232	0.72	cps
Barium	135-1	8783927	8777197	8712009	8757711	0.45	cps
Barium	137-1	15258358	15335560	15358101	15317340	0.34	cps
Beryllium	9-1	922322	929556	921045	924307	0.50	cps
Bismuth	209-1	15354443	15316116	15260597	15310385	0.31	cps
Bismuth	209-2	8520667	8553252	8538201	8537373	0.19	cps
Boron	11-1	908070	924163	960903	931045	2.91	cps
Boron	10-1	184122	191071	194014	189736	2.68	cps
Cadmium	106-1	226980	227640	226307	226976	0.29	cps
Cadmium	108-1	150679	148940	150536	150052	0.64	cps
Cadmium	111-1	1953743	1994821	1967489	1972018	1.06	cps
Calcium	43-1	2488763	2510551	2475505	2491607	0.71	cps
Calcium	44-1	41969396	42108651	41539345	41872464	0.71	cps
Chromium	52-2	2000525	2001756	2014608	2005630	0.39	cps
Cobalt	59-2	3428949	3455765	3461288	3448668	0.50	cps
Copper	63-2	5301106	5317543	5362151	5326934	0.59	cps
Dysprosium	156-1	108	167	125	133	22.53	cps
Dysprosium	156-2	107	160	107	124	24.74	cps
Erbium	164-2	57	83	50	63	27.85	cps
Erbium	164-1	133	33	75	81	62.36	cps
Gadolinium	160-1	92	117	158	122	27.56	cps
Gadolinium	160-2	253	237	240	243	3.62	cps
Holmium	165-1	21881516	22165262	22180341	22075706	0.76	cps
Holmium	165-2	11297116	11266064	11290336	11284505	0.14	cps
Indium	115-1	13874193	14119575	14053688	14015819	0.91	cps
Indium	115-2	2627376	2662093	2642025	2643831	0.66	cps
Iron	56-2	95535152	95347069	96263052	95715091	0.51	cps
Iron	57-2	2297792	2307747	2320172	2308570	0.49	cps
Krypton	83-1	350	353	327	343	4.23	cps
Lead	206-1	7492688	7599298	7692888	7594958	1.32	cps
Lead	207-1	6874628	6951221	7025466	6950438	1.09	cps
Lead	208-1	29960851	30240998	30437260	30213036	0.79	cps
Lithium	6-1	3185902	3275566	3337073	3266180	2.33	cps
Magnesium	24-2	14799521	14758537	14880895	14812984	0.42	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-06 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:55:23 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2593775	2597914	2620832	2604174	0.56	cps
Molybdenum	94-1	13048804	13184587	13159899	13131097	0.55	cps
Molybdenum	95-1	16508553	16683405	16537499	16576486	0.57	cps
Molybdenum	96-1	18425458	18811725	18515205	18584129	1.09	cps
Molybdenum	97-1	10427922	10623151	10528545	10526540	0.93	cps
Molybdenum	98-1	27126039	27402220	27189902	27239387	0.53	cps
Neodymium	150-1	713	680	687	693	2.54	cps
Neodymium	150-2	50	60	73	61	19.15	cps
Nickel	60-2	910929	917816	922047	916931	0.61	cps
Phosphorus	31-2	342	358	292	331	10.50	cps
Potassium	39-2	8162325	8215037	8194333	8190565	0.32	cps
Rhodium	103-1	12350570	12460306	12298953	12369943	0.67	cps
Rhodium	103-2	6792052	6863292	6844539	6833295	0.54	cps
Scandium	45-1	7131594	7110428	7021863	7087962	0.82	cps
Scandium	45-2	336944	337864	342223	339010	0.83	cps
Selenium	77-2	5678	5865	5491	5678	3.29	cps
Selenium	78-2	19337	18988	19057	19128	0.97	cps
Selenium	82-1	127622	127963	127674	127753	0.14	cps
Silicon	28-1	6821156	7005859	7064768	6963928	1.83	cps
Silver	109-1	8276609	8335337	8291428	8301125	0.37	cps
Silver	107-1	8577440	8619623	8619689	8605584	0.28	cps
Sodium	23-2	29796459	30039206	30047536	29961067	0.48	cps
Strontium	86-1	2686509	2694651	2660792	2680651	0.66	cps
Strontium	88-1	24031639	24251207	24046201	24109682	0.51	cps
Sulfur	34-1	469125	462409	450795	460777	2.01	cps
Terbium	159-1	22126441	22359100	22330296	22271946	0.57	cps
Terbium	159-2	10965602	11024567	11002499	10997556	0.27	cps
Thallium	203-1	8926754	9086540	9130122	9047805	1.18	cps
Thallium	205-1	21430035	21941589	21927841	21766488	1.34	cps
Thorium	232-1	9370	9270	9454	9365	0.98	cps
Tin	118-1	5938170	6120848	6131930	6063650	1.79	cps
Titanium	47-1	3832937	3822502	3769671	3808370	0.89	cps
Uranium	238-1	33847562	34949180	34132148	34309630	1.67	cps
Vanadium	51-2	1526305	1519997	1535486	1527262	0.51	cps
Yttrium	89-1	26987165	27134287	26959564	27027005	0.35	cps
Yttrium	89-2	3834401	3885731	3885929	3868687	0.77	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-06	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:55:23	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	788275	790413	790659	789782	0.17	cps
Zirconium	90-1	10100591	10213140	10145887	10153206	0.56	cps
Zirconium	91-1	2211773	2244658	2229257	2228563	0.74	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-07 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:58:59 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1153825	1153455	1154118	1153800	0.03	cps
Antimony	121-1	7127969	7040812	7080576	7083119	0.62	cps
Arsenic	75-2	200800	203246	202606	202218	0.63	cps
Barium	135-1	8536848	8407242	8542605	8495565	0.90	cps
Barium	137-1	15003220	14797572	14907730	14902841	0.69	cps
Beryllium	9-1	868774	871151	857556	865827	0.84	cps
Bismuth	209-1	15380331	15233633	14984538	15199501	1.32	cps
Bismuth	209-2	8290594	8317175	7974480	8194083	2.33	cps
Boron	11-1	933239	948221	925730	935730	1.22	cps
Boron	10-1	187353	192777	193805	191311	1.81	cps
Cadmium	106-1	214687	214500	211718	213635	0.78	cps
Cadmium	108-1	145295	142879	142534	143569	1.05	cps
Cadmium	111-1	1913459	1893298	1874284	1893680	1.03	cps
Calcium	43-1	2424523	2434886	2415679	2425029	0.40	cps
Calcium	44-1	40998252	40901219	40574497	40824656	0.54	cps
Chromium	52-2	1914602	1939195	1927552	1927116	0.64	cps
Cobalt	59-2	3329394	3328737	3339317	3332483	0.18	cps
Copper	63-2	5123163	5106884	5149157	5126402	0.42	cps
Dysprosium	156-1	108	133	133	125	11.55	cps
Dysprosium	156-2	153	127	140	140	9.52	cps
Erbium	164-2	67	77	67	70	8.25	cps
Erbium	164-1	108	92	67	89	23.59	cps
Gadolinium	160-1	117	125	117	119	4.03	cps
Gadolinium	160-2	220	197	213	210	5.72	cps
Holmium	165-1	22533900	22494851	22265312	22431354	0.65	cps
Holmium	165-2	11105584	11178504	10683773	10989287	2.43	cps
Indium	115-1	14108532	14037137	13809170	13984946	1.12	cps
Indium	115-2	2567608	2583431	2473596	2541545	2.34	cps
Iron	56-2	91846758	92102497	92858347	92269200	0.57	cps
Iron	57-2	2216826	2235565	2242294	2231561	0.59	cps
Krypton	83-1	300	327	347	324	7.22	cps
Lead	206-1	7536585	7488834	7470050	7498490	0.46	cps
Lead	207-1	6907953	6882641	6837590	6876062	0.52	cps
Lead	208-1	30094175	29929609	29744365	29922716	0.58	cps
Lithium	6-1	3283872	3279400	3214371	3259215	1.19	cps
Magnesium	24-2	14396059	14223484	14326079	14315208	0.61	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-07 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 20:58:59 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2471529	2491485	2516512	2493175	0.90	cps
Molybdenum	94-1	12703741	12615450	12612073	12643755	0.41	cps
Molybdenum	95-1	16239154	15983020	15985799	16069324	0.92	cps
Molybdenum	96-1	18166170	17852009	17830056	17949412	1.05	cps
Molybdenum	97-1	10286725	10101860	10174408	10187665	0.91	cps
Molybdenum	98-1	26505163	26146227	26237917	26296436	0.71	cps
Neodymium	150-1	560	593	667	607	9.00	cps
Neodymium	150-2	57	30	77	54	43.00	cps
Nickel	60-2	884882	885805	893227	887971	0.52	cps
Phosphorus	31-2	350	300	275	308	12.39	cps
Potassium	39-2	7816036	7903935	7943751	7887907	0.83	cps
Rhodium	103-1	12423224	12207198	12131981	12254134	1.23	cps
Rhodium	103-2	6717919	6705320	6424458	6615899	2.51	cps
Scandium	45-1	7059411	7018662	6877591	6985222	1.37	cps
Scandium	45-2	329098	331941	317464	326168	2.35	cps
Selenium	77-2	5311	5561	5454	5442	2.31	cps
Selenium	78-2	18662	18530	18744	18645	0.58	cps
Selenium	82-1	123157	122517	121649	122441	0.62	cps
Silicon	28-1	6589783	6698282	6750799	6679621	1.23	cps
Silver	109-1	8097008	7939540	7942112	7992887	1.13	cps
Silver	107-1	8355573	8263132	8232926	8283877	0.77	cps
Sodium	23-2	28283893	28399239	28480332	28387821	0.35	cps
Strontium	86-1	2609931	2560812	2577685	2582809	0.97	cps
Strontium	88-1	23484758	23177311	23386128	23349399	0.67	cps
Sulfur	34-1	412410	403680	404138	406742	1.21	cps
Terbium	159-1	22609242	22526206	22178347	22437932	1.02	cps
Terbium	159-2	10818305	10814230	10348130	10660222	2.54	cps
Thallium	203-1	8990790	8998262	8984236	8991096	0.08	cps
Thallium	205-1	21466380	21346975	21408978	21407444	0.28	cps
Thorium	232-1	5196	5218	5757	5390	5.90	cps
Tin	118-1	6028776	5831711	5817741	5892743	2.00	cps
Titanium	47-1	3662307	3599663	3592364	3618111	1.06	cps
Uranium	238-1	34047350	34133996	34006624	34062656	0.19	cps
Vanadium	51-2	1463801	1480625	1477401	1473943	0.61	cps
Yttrium	89-1	27247574	26899285	26650861	26932573	1.11	cps
Yttrium	89-2	3766753	3792730	3628535	3729340	2.37	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-07	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 20:58:59	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	760062	761271	762751	761361	0.18	cps
Zirconium	90-1	9909707	9735811	9680994	9775504	1.22	cps
Zirconium	91-1	2150589	2140982	2123809	2138460	0.63	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-05A Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 21:02:36 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1166479	1169827	1161080	1165795	0.38	cps
Antimony	121-1	7112882	7158746	7179550	7150393	0.48	cps
Arsenic	75-2	205042	205558	206833	205811	0.45	cps
Barium	135-1	8578530	8598038	8705261	8627276	0.79	cps
Barium	137-1	15066394	15132173	15220582	15139716	0.51	cps
Beryllium	9-1	854660	853276	864264	857400	0.70	cps
Bismuth	209-1	15039520	15071908	15156057	15089162	0.40	cps
Bismuth	209-2	8449920	8454198	8433618	8445912	0.13	cps
Boron	11-1	932420	957766	963505	951230	1.74	cps
Boron	10-1	193207	193739	196931	194625	1.03	cps
Cadmium	106-1	217472	214863	218295	216877	0.83	cps
Cadmium	108-1	143395	144112	144414	143974	0.36	cps
Cadmium	111-1	1918315	1897871	1919792	1911993	0.64	cps
Calcium	43-1	2413071	2398955	2405502	2405843	0.29	cps
Calcium	44-1	40578027	40459144	40602221	40546464	0.19	cps
Chromium	52-2	1953949	1970448	1957790	1960729	0.44	cps
Cobalt	59-2	3386757	3388598	3381218	3385525	0.11	cps
Copper	63-2	5220470	5208347	5202113	5210310	0.18	cps
Dysprosium	156-1	108	142	125	125	13.33	cps
Dysprosium	156-2	113	120	140	124	11.15	cps
Erbium	164-2	43	40	43	42	4.55	cps
Erbium	164-1	125	75	108	103	24.77	cps
Gadolinium	160-1	142	133	150	142	5.88	cps
Gadolinium	160-2	233	217	273	241	12.08	cps
Holmium	165-1	22303482	22452308	22566967	22440919	0.59	cps
Holmium	165-2	11336290	11374679	11287410	11332793	0.39	cps
Indium	115-1	13930317	13989786	13977549	13965884	0.22	cps
Indium	115-2	2605209	2614310	2626217	2615245	0.40	cps
Iron	56-2	94050480	93896730	93674438	93873883	0.20	cps
Iron	57-2	2270128	2260672	2261720	2264174	0.23	cps
Krypton	83-1	373	333	287	331	13.10	cps
Lead	206-1	7518721	7654546	7640320	7604529	0.98	cps
Lead	207-1	6968253	7023523	7028253	7006677	0.48	cps
Lead	208-1	30238130	30421325	30569291	30409582	0.55	cps
Lithium	6-1	3082428	3141049	3163890	3129122	1.34	cps
Magnesium	24-2	14571460	14473789	14413776	14486342	0.55	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-05A Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 21:02:36 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2535845	2523586	2527753	2529061	0.25	cps
Molybdenum	94-1	12771448	12814288	12872929	12819555	0.40	cps
Molybdenum	95-1	16187885	16186635	16281970	16218830	0.34	cps
Molybdenum	96-1	17831831	18028673	18258799	18039768	1.18	cps
Molybdenum	97-1	10176174	10248514	10333870	10252852	0.77	cps
Molybdenum	98-1	26377739	26481551	26663634	26507641	0.55	cps
Neodymium	150-1	507	613	593	571	9.93	cps
Neodymium	150-2	47	47	23	39	34.65	cps
Nickel	60-2	903993	897126	901456	900858	0.39	cps
Phosphorus	31-2	292	250	317	286	11.77	cps
Potassium	39-2	8029417	7931127	7986854	7982466	0.62	cps
Rhodium	103-1	12078471	12241565	12231129	12183722	0.75	cps
Rhodium	103-2	6849420	6806355	6839263	6831679	0.33	cps
Scandium	45-1	6746615	6828666	6876405	6817229	0.96	cps
Scandium	45-2	336499	333120	337526	335715	0.69	cps
Selenium	77-2	5611	5461	5431	5501	1.75	cps
Selenium	78-2	18219	18553	18588	18453	1.10	cps
Selenium	82-1	122534	122211	123071	122605	0.35	cps
Silicon	28-1	6613835	6825892	6965783	6801837	2.61	cps
Silver	109-1	7990522	8127287	8047985	8055264	0.85	cps
Silver	107-1	8360804	8341938	8375780	8359508	0.20	cps
Sodium	23-2	29038609	28735218	28945789	28906539	0.54	cps
Strontium	86-1	2637850	2604936	2639570	2627452	0.74	cps
Strontium	88-1	23684098	23499531	23752261	23645297	0.55	cps
Sulfur	34-1	397123	393470	395719	395437	0.47	cps
Terbium	159-1	22186936	22508548	22672513	22455999	1.10	cps
Terbium	159-2	11063686	10970537	11038773	11024332	0.44	cps
Thallium	203-1	9105092	9091043	9152886	9116340	0.36	cps
Thallium	205-1	21823197	22052593	21764532	21880107	0.70	cps
Thorium	232-1	4306	4234	4579	4373	4.16	cps
Tin	118-1	5989021	6020123	5875103	5961416	1.28	cps
Titanium	47-1	3617420	3593799	3652053	3621090	0.81	cps
Uranium	238-1	34662053	34357857	34836398	34618769	0.70	cps
Vanadium	51-2	1490435	1495534	1497989	1494653	0.26	cps
Yttrium	89-1	26556214	26885213	26995882	26812436	0.85	cps
Yttrium	89-2	3820987	3832467	3844690	3832715	0.31	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-05A	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:02:36	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	769680	770827	766904	769137	0.26	cps
Zirconium	90-1	9789814	9915628	9912384	9872609	0.73	cps
Zirconium	91-1	2151744	2164814	2162170	2159576	0.32	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-08 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 21:06:13 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1692	1759	1934	1795	6.96	cps
Antimony	121-1	18780	19439	20566	19595	4.61	cps
Arsenic	75-2	296	285	287	290	2.06	cps
Barium	135-1	132148	131877	131854	131960	0.12	cps
Barium	137-1	229459	232491	232186	231379	0.72	cps
Beryllium	9-1	273	253	243	257	5.95	cps
Bismuth	209-1	15602687	15861030	15844201	15769306	0.92	cps
Bismuth	209-2	8847539	8891992	8813948	8851160	0.44	cps
Boron	11-1	190434	193396	194069	192633	1.00	cps
Boron	10-1	40012	39419	39595	39675	0.77	cps
Cadmium	106-1	10863	11338	12222	11475	6.01	cps
Cadmium	108-1	108	92	63	88	26.52	cps
Cadmium	111-1	8170	8548	9079	8599	5.31	cps
Calcium	43-1	879574	879795	888453	882608	0.57	cps
Calcium	44-1	14915055	14963176	15093343	14990524	0.62	cps
Chromium	52-2	2640	2670	2577	2629	1.81	cps
Cobalt	59-2	963	970	863	932	6.41	cps
Copper	63-2	17000	17030	17043	17025	0.13	cps
Dysprosium	156-1	42	25	42	36	26.65	cps
Dysprosium	156-2	13	20	23	19	26.96	cps
Erbium	164-2	50	67	20	46	51.91	cps
Erbium	164-1	67	67	167	100	57.74	cps
Gadolinium	160-1	133	75	100	103	28.48	cps
Gadolinium	160-2	230	230	217	226	3.41	cps
Holmium	165-1	22366102	22696690	22915789	22659527	1.22	cps
Holmium	165-2	11403002	11426777	11300971	11376917	0.59	cps
Indium	115-1	14275727	14551620	14815983	14547777	1.86	cps
Indium	115-2	2721134	2733608	2701267	2718669	0.60	cps
Iron	56-2	1308125	1301263	1313792	1307727	0.48	cps
Iron	57-2	37175	37315	37064	37185	0.34	cps
Krypton	83-1	240	337	263	280	18.02	cps
Lead	206-1	9709	9342	9493	9515	1.94	cps
Lead	207-1	8664	8559	8431	8551	1.37	cps
Lead	208-1	27350	26470	25996	26605	2.58	cps
Lithium	6-1	3029568	3116232	3147012	3097604	1.97	cps
Magnesium	24-2	521359	518161	523935	521152	0.56	cps

LB Number : LB104908 Operator : Jaswal
 Lab Sample ID : K4463-08 Instrumnet Name : P7
 Client Sample ID : P001-SW004-08202019-1 Dilution Factor : 1
 Date & Time Acquired :: 2019-08-30 21:06:13 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	88850	88092	89517	88819	0.80	cps
Molybdenum	94-1	13132	12456	12364	12651	3.31	cps
Molybdenum	95-1	20966	19781	20674	20474	3.01	cps
Molybdenum	96-1	21793	21951	21367	21703	1.39	cps
Molybdenum	97-1	13540	12973	12823	13112	2.89	cps
Molybdenum	98-1	33449	33340	33449	33412	0.19	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	2220	2170	1980	2124	5.96	cps
Phosphorus	31-2	300	317	325	314	4.05	cps
Potassium	39-2	2002510	1983380	1996215	1994035	0.49	cps
Rhodium	103-1	12593965	12684129	12841439	12706511	0.99	cps
Rhodium	103-2	7068221	7124972	7006242	7066478	0.84	cps
Scandium	45-1	6856056	6926596	6952071	6911574	0.72	cps
Scandium	45-2	331110	331904	330143	331052	0.27	cps
Selenium	77-2	20	27	20	22	17.33	cps
Selenium	78-2	35	37	35	36	2.98	cps
Selenium	82-1	151	58	117	109	43.17	cps
Silicon	28-1	3217905	3205386	3205503	3209598	0.22	cps
Silver	109-1	3584	3459	3242	3428	5.04	cps
Silver	107-1	4001	3384	3317	3567	10.56	cps
Sodium	23-2	1959385	1961031	1971650	1964022	0.34	cps
Strontium	86-1	843871	833916	842179	839988	0.63	cps
Strontium	88-1	7594723	7559871	7612530	7589041	0.35	cps
Sulfur	34-1	416110	418181	415462	416584	0.34	cps
Terbium	159-1	22348040	22663131	22981049	22664073	1.40	cps
Terbium	159-2	11063537	11131362	11003082	11065993	0.58	cps
Thallium	203-1	4284	3742	3401	3809	11.70	cps
Thallium	205-1	10488	8995	7936	9140	14.03	cps
Thorium	232-1	1906	1750	2011	1889	6.95	cps
Tin	118-1	26919	26484	26033	26479	1.67	cps
Titanium	47-1	1008	908	842	920	9.12	cps
Uranium	238-1	8486	7869	7244	7867	7.90	cps
Vanadium	51-2	1350	1310	1407	1356	3.58	cps
Yttrium	89-1	26738745	26800306	27439172	26992741	1.44	cps
Yttrium	89-2	3790394	3844522	3775925	3803614	0.95	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4463-08	Instrumnet Name :	P7
Client Sample ID :	P001-SW004-08202019-1	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:06:13	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8793	8926	8643	8787	1.61	cps
Zirconium	90-1	2934	2850	2959	2914	1.95	cps
Zirconium	91-1	858	725	675	753	12.59	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4586-13DLX20	Instrumnet Name :	P7
Client Sample ID :	MH12L7	Dilution Factor :	20
Date & Time Acquired ::	2019-08-30 21:09:49	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23586	23210	22860	23219	1.56	cps
Antimony	121-1	4876	4784	4768	4809	1.21	cps
Arsenic	75-2	124	137	100	120	15.61	cps
Barium	135-1	29541	30526	30368	30145	1.75	cps
Barium	137-1	52927	52132	52400	52486	0.77	cps
Beryllium	9-1	187	193	190	190	1.76	cps
Bismuth	209-1	16777596	17029988	17156328	16987971	1.14	cps
Bismuth	209-2	9569608	9564029	9534258	9555965	0.20	cps
Boron	11-1	40931	39085	37974	39330	3.80	cps
Boron	10-1	8011	7811	7569	7797	2.84	cps
Cadmium	106-1	13832	13023	13632	13496	3.12	cps
Cadmium	108-1	167	113	146	142	19.29	cps
Cadmium	111-1	10066	9608	10049	9908	2.62	cps
Calcium	43-1	51984	52787	51842	52205	0.98	cps
Calcium	44-1	880066	871690	873430	875062	0.51	cps
Chromium	52-2	5935	5518	5968	5807	4.32	cps
Cobalt	59-2	2527	2600	2507	2545	1.93	cps
Copper	63-2	64117	64773	63829	64239	0.75	cps
Dysprosium	156-1	1592	1625	1392	1536	8.22	cps
Dysprosium	156-2	667	627	737	677	8.23	cps
Erbium	164-2	530	490	473	498	5.85	cps
Erbium	164-1	983	1117	1017	1039	6.68	cps
Gadolinium	160-1	1058	1358	1167	1195	12.72	cps
Gadolinium	160-2	887	907	823	872	4.99	cps
Holmium	165-1	23439652	24036871	24016076	23830867	1.42	cps
Holmium	165-2	12130156	11914736	11975384	12006759	0.93	cps
Indium	115-1	15475367	15773235	15754668	15667757	1.07	cps
Indium	115-2	2945818	2904966	2918575	2923120	0.71	cps
Iron	56-2	2543843	2571195	2570755	2561931	0.61	cps
Iron	57-2	63325	64497	65172	64332	1.45	cps
Krypton	83-1	300	240	313	284	13.73	cps
Lead	206-1	7461194	7509602	7454355	7475050	0.40	cps
Lead	207-1	6179191	6173188	6194828	6182403	0.18	cps
Lead	208-1	29260877	29350358	29358191	29323142	0.18	cps
Lithium	6-1	2740678	2806251	2793763	2780231	1.25	cps
Magnesium	24-2	61628	61485	62029	61714	0.46	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4586-13DLX20	Instrumnet Name :	P7
Client Sample ID :	MH12L7	Dilution Factor :	20
Date & Time Acquired ::	2019-08-30 21:09:49	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34524	34444	34247	34405	0.41	cps
Molybdenum	94-1	14550	17544	14191	15428	11.93	cps
Molybdenum	95-1	1133	1100	1192	1142	4.06	cps
Molybdenum	96-1	3301	5156	3384	3947	26.56	cps
Molybdenum	97-1	783	717	675	725	7.54	cps
Molybdenum	98-1	1892	1759	1775	1809	4.02	cps
Neodymium	150-1	2227	1834	1814	1958	11.91	cps
Neodymium	150-2	830	807	697	778	9.16	cps
Nickel	60-2	3807	3907	4101	3938	3.79	cps
Phosphorus	31-2	725	983	875	861	15.06	cps
Potassium	39-2	97151	99347	99449	98649	1.32	cps
Rhodium	103-1	13861488	14043444	14004686	13969873	0.69	cps
Rhodium	103-2	7727486	7602357	7563541	7631128	1.12	cps
Scandium	45-1	7350537	7500804	7498402	7449914	1.16	cps
Scandium	45-2	355199	355343	353417	354653	0.30	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	35	43	30	36	18.16	cps
Selenium	82-1	21	70	-29	20	242.26	cps
Silicon	28-1	622702	626326	607834	618954	1.58	cps
Silver	109-1	4401	4468	4184	4351	3.41	cps
Silver	107-1	4818	4776	4734	4776	0.87	cps
Sodium	23-2	913361	911798	915130	913429	0.18	cps
Strontium	86-1	24923	24238	24764	24641	1.45	cps
Strontium	88-1	209915	209140	209841	209632	0.20	cps
Sulfur	34-1	412654	408715	410276	410549	0.48	cps
Terbium	159-1	23609145	24133975	24092209	23945110	1.22	cps
Terbium	159-2	11818691	11654726	11657462	11710293	0.80	cps
Thallium	203-1	1684	1550	1542	1592	4.99	cps
Thallium	205-1	3459	3259	3051	3256	6.27	cps
Thorium	232-1	2245	2134	2028	2135	5.07	cps
Tin	118-1	5751	5651	5526	5643	2.00	cps
Titanium	47-1	7060	6835	6568	6821	3.61	cps
Uranium	238-1	4693	4484	5235	4804	8.06	cps
Vanadium	51-2	1390	1363	1400	1385	1.37	cps
Yttrium	89-1	28909871	29152872	29262826	29108523	0.62	cps
Yttrium	89-2	4137906	4097420	4085065	4106797	0.67	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	K4586-13DLX20	Instrumnet Name :	P7
Client Sample ID :	MH12L7	Dilution Factor :	20
Date & Time Acquired ::	2019-08-30 21:09:49	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	281120	279078	280655	280284	0.38	cps
Zirconium	90-1	37208	37174	42131	38838	7.34	cps
Zirconium	91-1	10084	8478	8696	9086	9.59	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P7
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:15:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6274949	6264963	6309857	6283256	0.38	cps
Antimony	121-1	6727383	6666501	6669827	6687904	0.51	cps
Arsenic	75-2	205827	208369	209290	207829	0.86	cps
Barium	135-1	7997108	7938714	7893435	7943085	0.65	cps
Barium	137-1	14079023	13897990	13862783	13946599	0.83	cps
Beryllium	9-1	801417	797709	800895	800007	0.25	cps
Bismuth	209-1	14399826	14770271	14260652	14476916	1.82	cps
Bismuth	209-2	8126313	8196250	8285152	8202572	0.97	cps
Boron	11-1	687873	690881	710047	696267	1.73	cps
Boron	10-1	141633	140760	142282	141558	0.54	cps
Cadmium	106-1	221506	219727	221794	221009	0.51	cps
Cadmium	108-1	147783	143644	146215	145881	1.43	cps
Cadmium	111-1	1893983	1880978	1870644	1881868	0.62	cps
Calcium	43-1	7708076	7710657	7676771	7698501	0.25	cps
Calcium	44-1	126358286	126279603	127235470	126624453	0.42	cps
Chromium	52-2	2029784	2031934	2038538	2033419	0.22	cps
Cobalt	59-2	3346211	3352573	3380128	3359637	0.54	cps
Copper	63-2	5342996	5358180	5410321	5370499	0.66	cps
Dysprosium	156-1	208	133	200	181	22.77	cps
Dysprosium	156-2	140	187	187	171	15.75	cps
Erbium	164-2	93	87	73	84	12.07	cps
Erbium	164-1	125	67	142	111	35.44	cps
Gadolinium	160-1	217	258	183	219	17.13	cps
Gadolinium	160-2	233	300	290	274	13.10	cps
Holmium	165-1	22604065	22957016	22141838	22567640	1.81	cps
Holmium	165-2	11461256	11554626	11679390	11565091	0.95	cps
Indium	115-1	13940370	14389690	13986717	14105592	1.75	cps
Indium	115-2	2731042	2758336	2783110	2757496	0.94	cps
Iron	56-2	446756510	447943399	451627177	448775695	0.57	cps
Iron	57-2	11008166	11010998	11133055	11050739	0.65	cps
Krypton	83-1	193	297	260	250	20.96	cps
Lead	206-1	7021314	6910541	7006629	6979494	0.86	cps
Lead	207-1	6106720	5994019	6067780	6056173	0.95	cps
Lead	208-1	27401891	27047883	27273766	27241180	0.66	cps
Lithium	6-1	2426824	2479635	2406459	2437639	1.55	cps
Magnesium	24-2	70417741	70107708	70989508	70504986	0.63	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P7
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:15:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2333408	2335236	2353752	2340799	0.48	cps
Molybdenum	94-1	13263381	13153108	13255302	13223930	0.46	cps
Molybdenum	95-1	16706188	16604337	16697207	16669244	0.34	cps
Molybdenum	96-1	18634446	18473749	18623673	18577289	0.48	cps
Molybdenum	97-1	10495228	10482687	10549389	10509101	0.34	cps
Molybdenum	98-1	27024246	27136194	27211121	27123854	0.35	cps
Neodymium	150-1	833	773	693	767	9.16	cps
Neodymium	150-2	90	100	103	98	7.10	cps
Nickel	60-2	873347	877518	884702	878522	0.65	cps
Phosphorus	31-2	55587	56851	57352	56597	1.61	cps
Potassium	39-2	30327734	30397340	30444954	30390009	0.19	cps
Rhodium	103-1	12066633	12528257	12148458	12247782	2.01	cps
Rhodium	103-2	6731138	6794499	6878588	6801408	1.09	cps
Scandium	45-1	7042884	7384789	7183607	7203760	2.39	cps
Scandium	45-2	361911	363215	368997	364708	1.03	cps
Selenium	77-2	5688	5528	5394	5537	2.65	cps
Selenium	78-2	18577	18477	18790	18614	0.86	cps
Selenium	82-1	116713	114916	115716	115782	0.78	cps
Silicon	28-1	3174572	3227248	3291902	3231241	1.82	cps
Silver	109-1	8268790	8266432	8186920	8240714	0.57	cps
Silver	107-1	8587515	8556976	8533137	8559209	0.32	cps
Sodium	23-2	134694757	134587366	135121020	134801047	0.21	cps
Strontium	86-1	1881143	1863301	1856432	1866959	0.68	cps
Strontium	88-1	16920104	16755059	16877275	16850812	0.51	cps
Sulfur	34-1	904919	899527	899846	901431	0.34	cps
Terbium	159-1	22581791	23185339	22222738	22663289	2.15	cps
Terbium	159-2	11150721	11250322	11416296	11272446	1.19	cps
Thallium	203-1	8549996	8519210	8457381	8508862	0.55	cps
Thallium	205-1	20535565	20352270	20334129	20407321	0.55	cps
Thorium	232-1	33090497	33066758	32731833	32963029	0.61	cps
Tin	118-1	5583065	5506269	5534947	5541427	0.70	cps
Titanium	47-1	3589154	3585080	3592209	3588814	0.10	cps
Uranium	238-1	33328624	33134780	32899731	33121045	0.65	cps
Vanadium	51-2	1556995	1556857	1571786	1561879	0.55	cps
Yttrium	89-1	27487691	28189226	27495488	27724135	1.45	cps
Yttrium	89-2	4064953	4109084	4150681	4108239	1.04	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCV92	Instrumnet Name :	P7
Client Sample ID :	CCV92	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:15:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	802702	803796	808891	805130	0.41	cps
Zirconium	90-1	10386962	10379555	10434912	10400476	0.29	cps
Zirconium	91-1	2264669	2240245	2255193	2253369	0.55	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P7
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:25:57	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	83	83	103	32.77	cps
Antimony	121-1	1600	1583	1950	1711	12.10	cps
Arsenic	75-2	17	13	17	15	13.88	cps
Barium	135-1	83	133	125	114	23.52	cps
Barium	137-1	192	275	192	219	21.92	cps
Beryllium	9-1	167	170	143	160	9.08	cps
Bismuth	209-1	15866115	16041202	16442991	16116769	1.84	cps
Bismuth	209-2	9308912	9522568	9376675	9402718	1.16	cps
Boron	11-1	17161	16351	16293	16601	2.92	cps
Boron	10-1	3467	3526	3467	3487	0.97	cps
Cadmium	106-1	12423	12706	12765	12631	1.45	cps
Cadmium	108-1	25	75	33	44	60.28	cps
Cadmium	111-1	8828	8992	9041	8954	1.24	cps
Calcium	43-1	217	208	150	192	18.95	cps
Calcium	44-1	21299	20816	21350	21155	1.39	cps
Chromium	52-2	983	857	860	900	8.02	cps
Cobalt	59-2	163	143	87	131	30.33	cps
Copper	63-2	2077	2104	2227	2136	3.75	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	13	10	10	11	17.30	cps
Erbium	164-2	53	47	63	54	15.40	cps
Erbium	164-1	50	50	50	50	0.00	cps
Gadolinium	160-1	83	100	108	97	13.09	cps
Gadolinium	160-2	263	333	237	278	17.97	cps
Holmium	165-1	22337828	22367126	22954757	22553237	1.54	cps
Holmium	165-2	11877850	12169582	11917243	11988225	1.32	cps
Indium	115-1	15006784	15110358	15469071	15195405	1.60	cps
Indium	115-2	2952567	3022931	2986879	2987459	1.18	cps
Iron	56-2	8386	8197	8775	8453	3.49	cps
Iron	57-2	189	211	239	213	11.77	cps
Krypton	83-1	293	293	287	291	1.32	cps
Lead	206-1	4440	4362	4801	4534	5.17	cps
Lead	207-1	4340	3878	4051	4090	5.70	cps
Lead	208-1	18307	17580	18513	18133	2.70	cps
Lithium	6-1	2665900	2651483	2707152	2674845	1.08	cps
Magnesium	24-2	1083	1217	1233	1178	6.98	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P7
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:25:57	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	143	103	111	26.21	cps
Molybdenum	94-1	967	825	783	858	11.20	cps
Molybdenum	95-1	575	600	583	586	2.17	cps
Molybdenum	96-1	800	750	850	800	6.25	cps
Molybdenum	97-1	442	408	492	447	9.38	cps
Molybdenum	98-1	1058	850	967	958	10.90	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	180	213	163	186	13.72	cps
Phosphorus	31-2	108	42	50	67	54.49	cps
Potassium	39-2	21383	21041	22267	21564	2.94	cps
Rhodium	103-1	13672229	13606642	13936226	13738366	1.27	cps
Rhodium	103-2	7640650	7776829	7708191	7708556	0.88	cps
Scandium	45-1	7390990	7453080	7522609	7455560	0.88	cps
Scandium	45-2	369537	374196	367535	370422	0.92	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	31	31	31	31	0.00	cps
Selenium	82-1	44	-4	24	21	114.15	cps
Silicon	28-1	81832	84925	83341	83366	1.86	cps
Silver	109-1	792	758	633	728	11.47	cps
Silver	107-1	883	883	775	847	7.38	cps
Sodium	23-2	33697	32845	32636	33060	1.70	cps
Strontium	86-1	517	467	458	481	6.57	cps
Strontium	88-1	433	358	292	361	19.63	cps
Sulfur	34-1	404319	405293	410493	406701	0.82	cps
Terbium	159-1	22682206	22745708	23333714	22920542	1.57	cps
Terbium	159-2	11614941	11823846	11653793	11697527	0.95	cps
Thallium	203-1	1225	1183	1517	1308	13.88	cps
Thallium	205-1	2800	2900	2975	2892	3.04	cps
Thorium	232-1	3501	3612	3856	3656	4.98	cps
Tin	118-1	2025	1767	1950	1914	6.94	cps
Titanium	47-1	150	175	125	150	16.67	cps
Uranium	238-1	2584	2459	2192	2411	8.30	cps
Vanadium	51-2	37	47	30	38	22.21	cps
Yttrium	89-1	28267230	28590542	28979007	28612260	1.25	cps
Yttrium	89-2	4165461	4250799	4199927	4205395	1.02	cps

LB Number :	LB104908	Operator :	Jaswal
Lab Sample ID :	CCB92	Instrumnet Name :	P7
Client Sample ID :	CCB92	Dilution Factor :	1
Date & Time Acquired ::	2019-08-30 21:25:57	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	480	473	423	459	6.75	cps
Zirconium	90-1	1483	1759	1575	1606	8.72	cps
Zirconium	91-1	308	392	383	361	12.71	cps