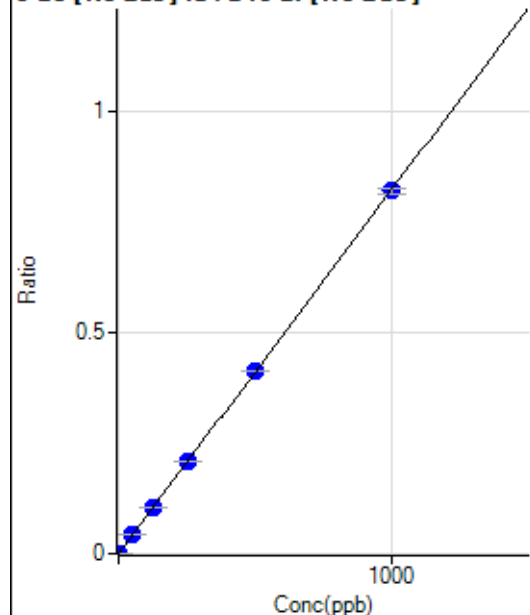


Batch Folder: D:\ICP-MS Data\P7120519-MS1.b\
Analysis File: P7120519-MS1.batch.bin
DA Date-Time: 2019-12-06 01:18:11
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-12-05 14:03:08
2	004CALS.d	S02	2019-12-05 14:06:44
3	005CALS.d	S03	2019-12-05 14:11:31
4	006CALS.d	S04	2019-12-05 14:15:41
5	007CALS.d	S05	2019-12-05 14:19:32
6	008CALS.d	S06	2019-12-05 14:23:20
7	009CALS.d	S07	2019-12-05 14:27:07
8	010CALS.d	S08	2019-12-05 14:30:56

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0000	P	38.9
2	☐	1.000	1.043	3594.96	0.0009	P	5.1
3	☐	50.000	51.712	172095.90	0.0425	P	0.5
4	☐	125.000	129.083	421185.67	0.1060	P	0.3
5	☐	250.000	254.168	798648.61	0.2088	P	1.5
6	☐	500.000	501.533	1499922.82	0.4119	P	0.6
7	☐	1000.000	997.595	2999083.43	0.8193	P	1.3
8	☐			594.47	0.0002	P	17.1

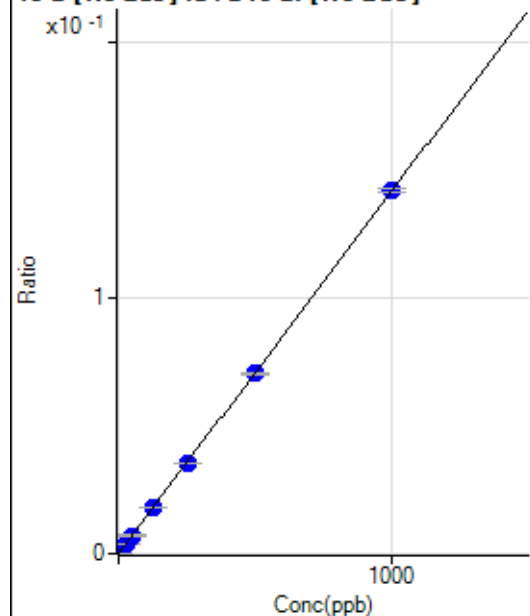
$$y = 8.2128\text{E-}004 * x + 2.4102\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.03427$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	261.12	0.0001	P	9.4
2	☐	25.000	23.934	14115.48	0.0035	P	1.1
3	☐	50.000	49.458	28658.56	0.0071	P	2.3
4	☐	125.000	125.710	71059.54	0.0179	P	1.9
5	☐	250.000	250.565	136200.97	0.0356	P	0.6
6	☐	500.000	496.335	256528.35	0.0705	P	1.5
7	☐	1000.000	1001.656	520266.76	0.1421	P	0.9
8	☐			12033.03	0.0033	P	7.2

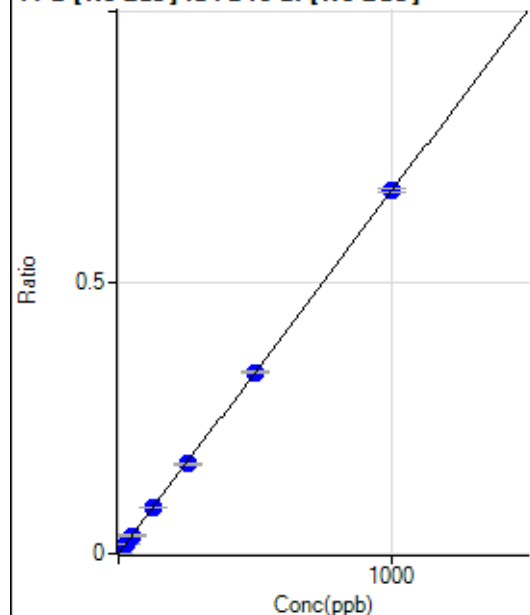
$$y = 1.4182\text{E-}004 * x + 6.2919\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1247$$

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	1458.47	0.0004	P	8.8
2	☐	25.000	24.227	67512.79	0.0165	P	0.5
3	☐	50.000	49.832	136232.28	0.0336	P	0.9
4	☐	125.000	125.291	333820.04	0.0840	P	1.0
5	☐	250.000	246.868	632274.23	0.1653	P	1.7
6	☐	500.000	500.082	1217628.08	0.3344	P	1.3
7	☐	1000.000	1000.734	2448581.54	0.6688	P	1.0
8	☐			58144.49	0.0161	P	12.6

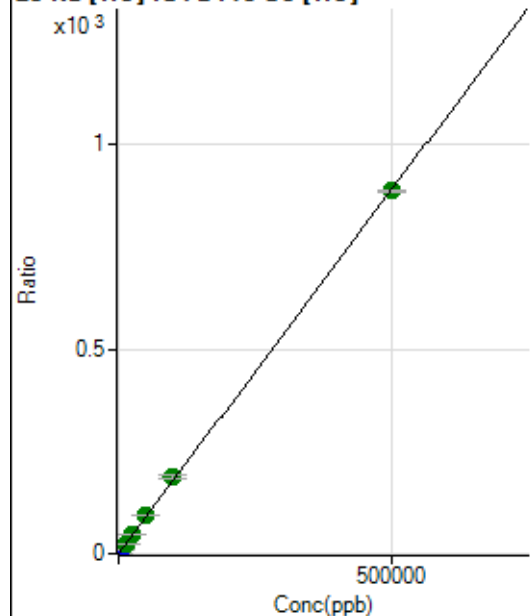
$$y = 6.6799E-004 * x + 3.5143E-004$$

$$R = 1.0000$$

$$DL = 0.1389$$

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	19179.65	0.0502	P	2.1
2	☐	500.000	507.876	362994.02	0.9532	P	1.1
3	☐	5000.000	5277.489	3465642.05	9.4333	P	2.4
4	☐	12500.000	13139.327	8366376.66	23.4112	A	1.2
5	☐	25000.000	26059.209	16249107.66	46.3819	A	0.2
6	☐	50000.000	51835.728	31850858.70	92.2111	A	1.0
7	☐	100000.00	106421.24	65277684.10	189.2609	A	5.1
8	☐	500000.00	498460.45	331824474.0	886.2835	A	0.5

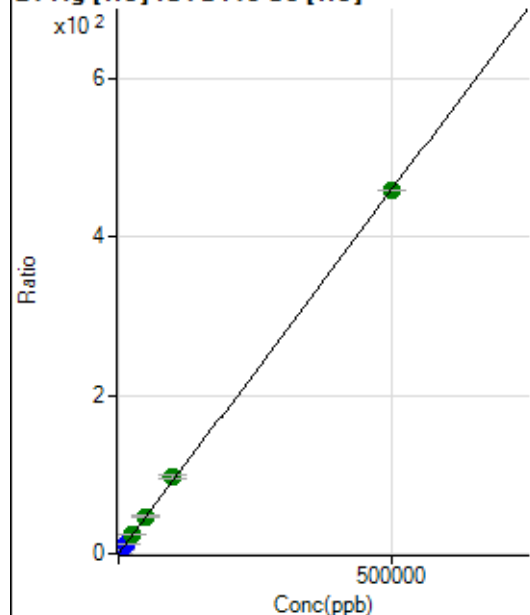
$$y = 0.0018 * x + 0.0502$$

$$R = 0.9999$$

$$DL = 1.756$$

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	266.68	0.0007	P	18.1
2	☐	500.000	524.546	183505.27	0.4818	P	2.1
3	☐	5000.000	5283.059	1780592.86	4.8466	P	2.4
4	☐	12500.000	13021.082	4268556.48	11.9444	P	1.2
5	☐	25000.000	25848.217	8306366.77	23.7101	A	0.4
6	☐	50000.000	51455.692	16303011.47	47.1987	A	1.0
7	☐	100000.00	105128.99	33263595.54	96.4309	A	4.7
8	☐	500000.00	498770.34	171285859.3	457.5006	A	0.1

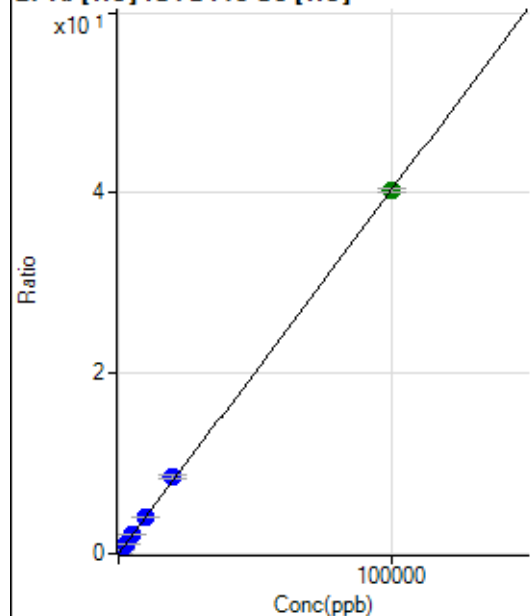
$$y = 9.1726E-004 * x + 6.9874E-004$$

$$R = 0.9999$$

$$DL = 0.4148$$

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	47.22	0.0001	P	36.6
2	☐	20.000	18.405	2872.61	0.0075	P	5.8
3	☐	1000.000	1048.698	155346.21	0.4228	P	2.2
4	☐	2500.000	2590.248	373170.43	1.0441	P	1.2
5	☐	5000.000	5126.305	723893.09	2.0663	P	0.7
6	☐	10000.000	10223.887	1423405.49	4.1210	P	1.4
7	☐	20000.000	20942.427	2911550.80	8.4412	P	4.9
8	☐	100000.00	99780.068	15058019.44	40.2174	A	1.1

$$y = 4.0306E-004 * x + 1.2354E-004$$

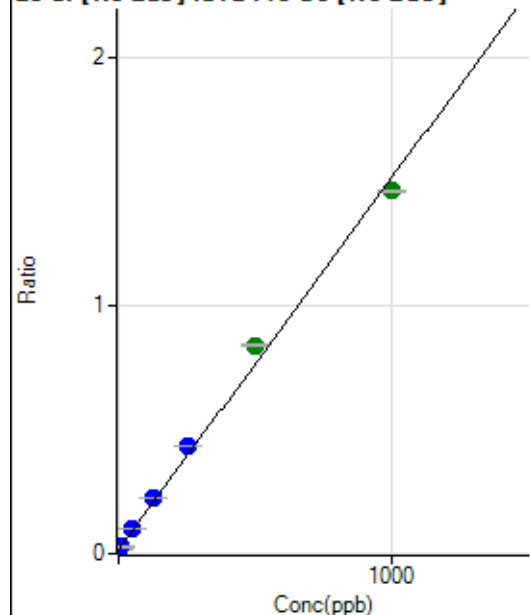
$$R = 1.0000$$

$$DL = 0.3361$$

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	159679.60	0.0163	P	0.8
2	☐	10.000	7.279	261520.57	0.0272	P	1.0
3	☐	50.000	55.422	938861.74	0.0993	P	0.8
4	☐	125.000	140.133	2108764.24	0.2262	P	1.5
5	☐	250.000	277.714	3895987.54	0.4323	P	0.7
6	☐	500.000	550.542	7306607.89	0.8410	A	0.8
7	☐	1000.000	965.665	13053434.06	1.4629	A	0.3
8	☐			1152112.62	0.1304	P	1.6

$$y = 0.0015 * x + 0.0163$$

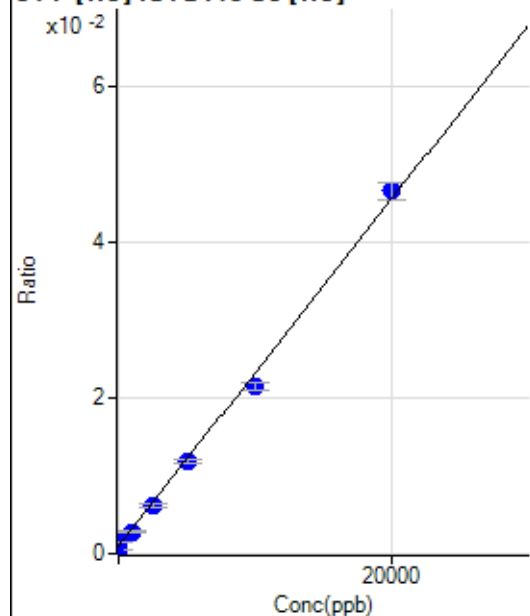
$$R = 0.9975$$

$$DL = 0.2731$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-249.026	161.12	0.0004	P	19.8
2	☐	0.000	249.026	583.37	0.0015	P	8.4
3	☐	1000.000	794.002	1008.41	0.0027	P	10.9
4	☐	2500.000	2294.073	2175.25	0.0061	P	9.1
5	☐	5000.000	4900.881	4170.18	0.0119	P	4.9
6	☐	10000.000	9180.645	7407.67	0.0214	P	4.5
7	☐	20000.000	20470.498	16081.45	0.0466	P	4.8
8	☐			219.46	0.0006	P	14.8

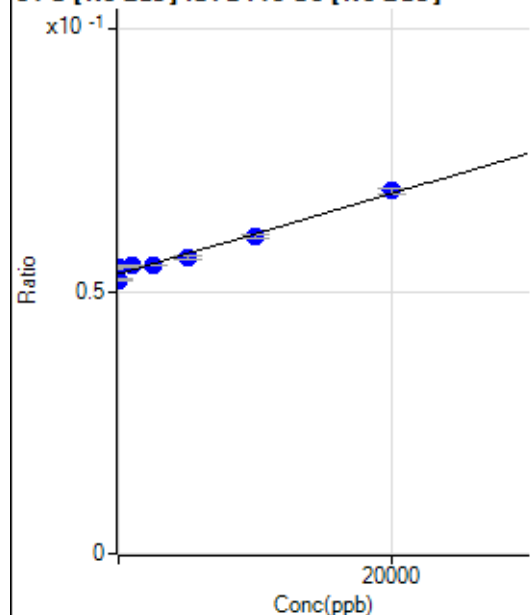
$$y = 2.2297E-006 * x + 9.7713E-004$$

$$R = 0.9986$$

$$DL = 142.7$$

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	-1560.190	511448.85	0.0522	P	1.0
2	☐	0.000	1560.190	524717.13	0.0546	P	0.9
3	☐	1000.000	1942.763	518545.43	0.0548	P	0.4
4	☐	2500.000	2280.296	513772.01	0.0551	P	0.2
5	☐	5000.000	3934.057	508034.49	0.0564	P	1.1
6	☐	10000.000	9233.601	525083.25	0.0604	P	0.9
7	☐	20000.000	20630.010	617229.78	0.0692	P	1.8
8	☐			459703.62	0.0520	P	0.9

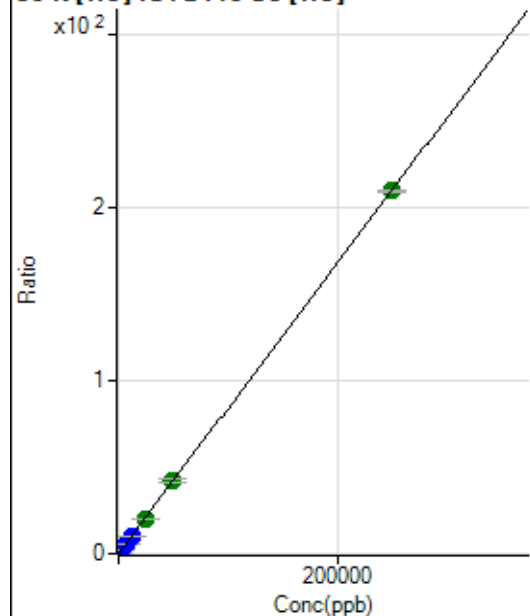
$$y = 7.6710E-007 * x + 0.0534$$

R = 0.9881

DL = 1976

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	19477.31	0.0510	P	1.7
2	☐	500.000	497.182	178269.02	0.4681	P	0.9
3	☐	2500.000	2485.993	785057.65	2.1368	P	2.3
4	☐	6250.000	6122.052	1853771.57	5.1876	P	1.7
5	☐	12500.000	12175.965	3596887.10	10.2671	P	0.4
6	☐	25000.000	24326.860	7067917.87	20.4622	A	0.9
7	☐	50000.000	50164.023	14536330.53	42.1406	A	4.7
8	☐	250000.00	250054.05	78569519.81	209.8562	A	0.7

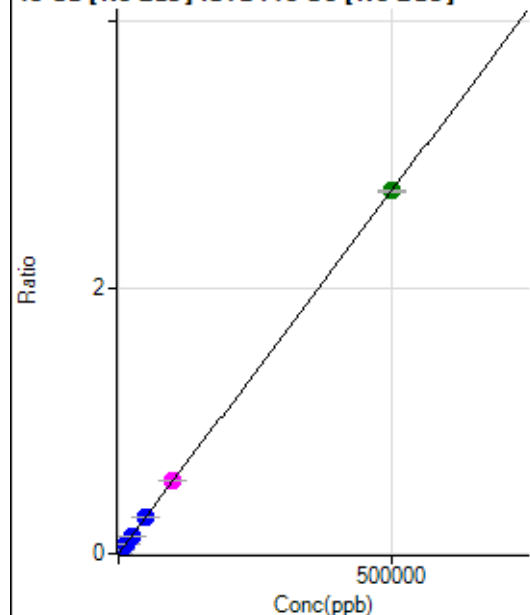
$$y = 8.3904E-004 * x + 0.0510$$

R = 1.0000

DL = 3.063

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	263.90	0.0000	P	15.3
2	☐	500.000	497.544	26366.01	0.0027	P	3.1
3	☐	5000.000	5021.221	259219.92	0.0274	P	0.9
4	☐	12500.000	12667.649	644537.26	0.0691	P	0.2
5	☐	25000.000	24936.436	1226172.48	0.1361	P	1.1
6	☐	50000.000	49880.436	2364292.33	0.2721	P	0.6
7	☐	100000.00	99679.357	4852576.37	0.5438	M	0.2
8	☐	500000.00	500074.86	24110782.48	2.7282	A	0.5

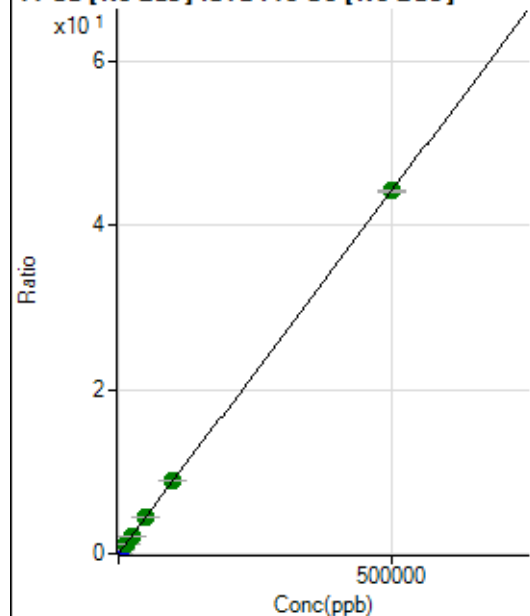
$$y = 5.4554\text{E-}006 * x + 2.6897\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.258$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12745.43	0.0013	P	4.4
2	☐	500.000	499.677	437254.73	0.0455	P	0.6
3	☐	5000.000	5034.073	4218374.05	0.4462	P	0.5
4	☐	12500.000	12591.358	10386659.52	1.1141	A	0.3
5	☐	25000.000	24929.382	19865867.63	2.2045	A	1.3
6	☐	50000.000	49962.401	38372329.68	4.4169	A	0.5
7	☐	100000.00	99637.810	78583814.26	8.8072	A	0.4
8	☐	500000.00	500077.10	390600611.5	44.1975	A	0.7

$$y = 8.8379\text{E-}005 * x + 0.0013$$

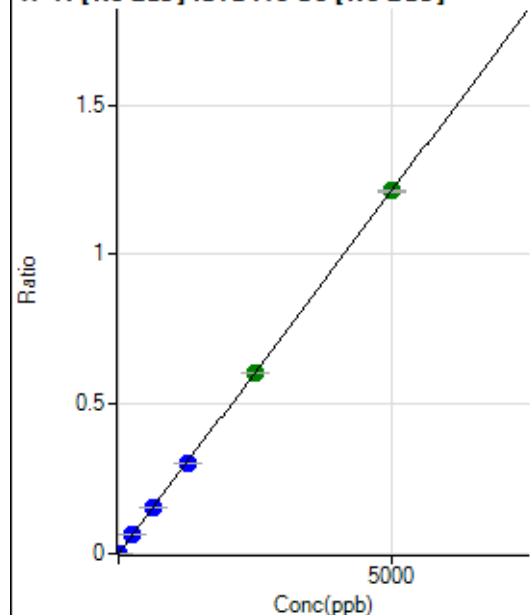
$$R = 1.0000$$

$$DL = 1.959$$

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	144.45	0.0000	P	22.4
2	☐	5.000	5.185	12233.27	0.0013	P	2.9
3	☐	250.000	252.283	578385.22	0.0612	P	0.1
4	☐	625.000	629.550	1423041.38	0.1526	P	0.6
5	☐	1250.000	1246.728	2723927.64	0.3023	P	1.2
6	☐	2500.000	2498.215	5261881.98	0.6057	A	0.1
7	☐	5000.000	5001.027	10818390.35	1.2125	A	0.6
8	☐			3264.38	0.0004	P	9.4

$$y = 2.4244\text{E-}004 * x + 1.4745\text{E-}005$$

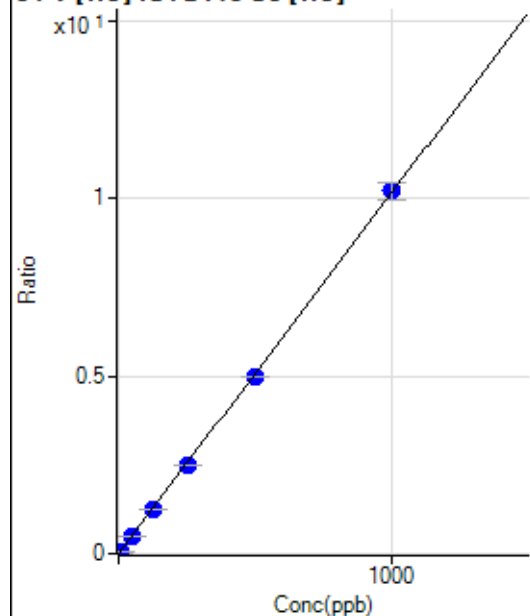
$$R = 1.0000$$

$$DL = 0.0408$$

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	21.0
2	☐	5.000	5.156	19970.41	0.0524	P	3.9
3	☐	50.000	49.796	185941.52	0.5061	P	2.7
4	☐	125.000	124.058	450604.11	1.2610	P	1.5
5	☐	250.000	245.892	875581.80	2.4993	P	0.1
6	☐	500.000	490.387	1721665.25	4.9843	P	0.8
7	☐	1000.000	1005.961	3526594.91	10.2247	P	5.0
8	☐			1143.40	0.0031	P	2.6

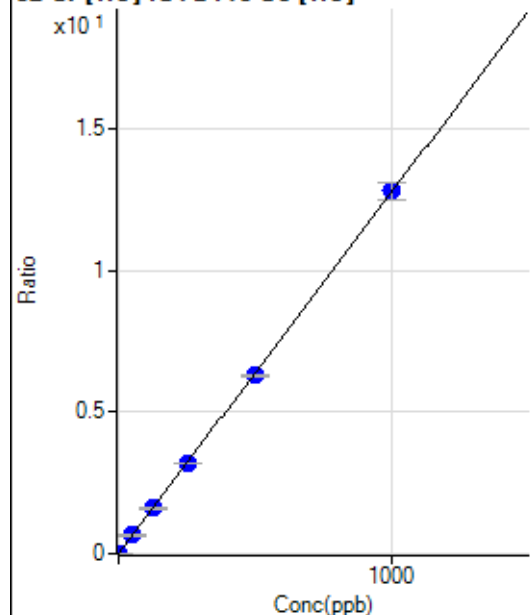
$$y = 0.0102 * x + 2.3247\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.001441$$

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	1111.17	0.0029	P	4.5
2	☐	2.000	2.016	10898.61	0.0286	P	1.8
3	☐	50.000	50.748	238804.00	0.6500	P	2.4
4	☐	125.000	125.592	573298.47	1.6044	P	2.0
5	☐	250.000	249.236	1114390.36	3.1810	P	0.7
6	☐	500.000	492.705	2171124.22	6.2855	P	0.8
7	☐	1000.000	1003.727	4415908.65	12.8017	P	4.8
8	☐			124939.08	0.3337	P	0.4

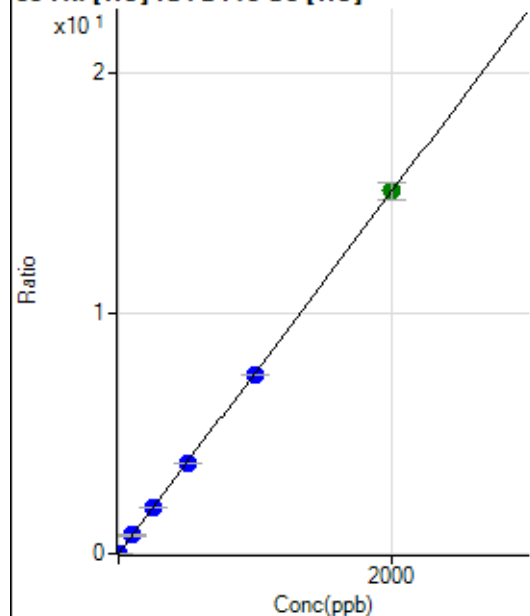
$$y = 0.0128 * x + 0.0029$$

$$R = 1.0000$$

$$DL = 0.03055$$

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	118.89	0.0003	P	18.4
2	☐	1.000	1.013	3021.47	0.0079	P	0.5
3	☐	100.000	101.681	281154.41	0.7653	P	2.4
4	☐	250.000	252.235	678261.13	1.8980	P	1.2
5	☐	500.000	499.606	1316902.74	3.7590	P	0.4
6	☐	1000.000	990.011	2572906.84	7.4485	P	0.2
7	☐	2000.000	2004.730	5202610.55	15.0825	A	4.8
8	☐			19430.82	0.0519	P	1.4

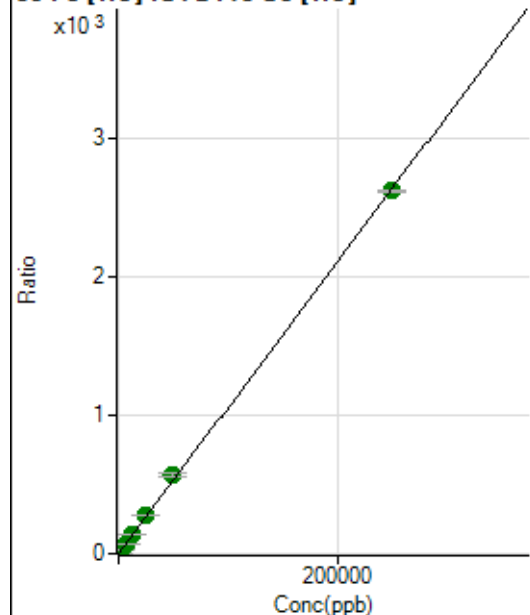
$$y = 0.0075 * x + 3.1092E-004$$

$$R = 1.0000$$

$$DL = 0.02277$$

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	6321.91	0.0165	P	3.9
2	☐	50.000	55.309	227671.64	0.5978	P	2.7
3	☐	2500.000	2695.116	10411889.70	28.3398	A	2.3
4	☐	6250.000	6744.499	25334551.73	70.8953	A	1.5
5	☐	12500.000	13318.034	49038772.86	139.9773	A	0.6
6	☐	25000.000	26381.014	95767062.33	277.2577	A	1.2
7	☐	50000.000	53736.699	194791821.0	564.7418	A	4.9
8	☐	250000.00	249059.34	979932110.7	2,617.410	A	0.4

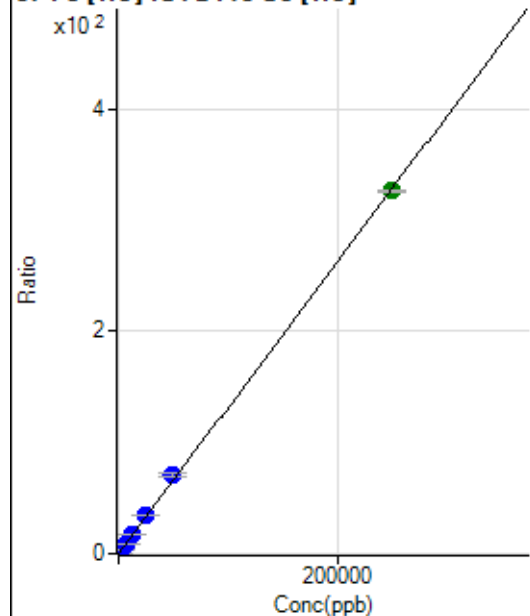
$$y = 0.0105 * x + 0.0165$$

$$R = 0.9999$$

$$DL = 0.182$$

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	828.49	0.0022	P	4.5
2	☐	50.000	55.481	28516.59	0.0749	P	2.1
3	☐	2500.000	2695.564	1298635.15	3.5347	P	2.3
4	☐	6250.000	6744.181	3159162.29	8.8404	P	1.5
5	☐	12500.000	13315.752	6114196.31	17.4525	P	0.6
6	☐	25000.000	26358.918	11932364.30	34.5456	P	1.1
7	☐	50000.000	53632.624	24244197.72	70.2879	P	4.9
8	☐	250000.00	249082.48	122210392.4	326.4256	A	0.3

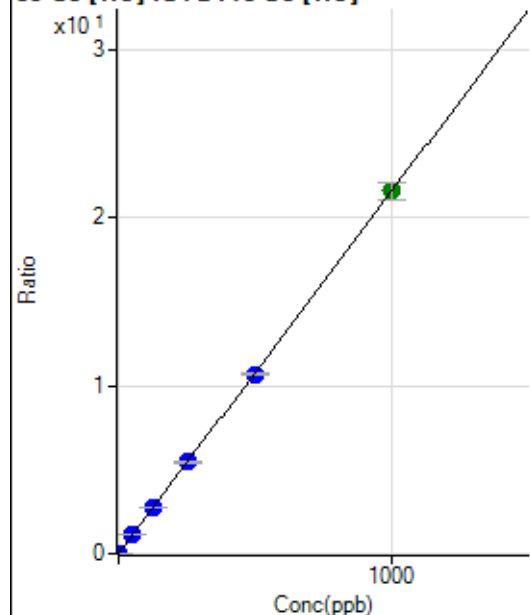
$$y = 0.0013 * x + 0.0022$$

$$R = 0.9999$$

$$DL = 0.2213$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	131.12	0.0003	P	11.3
2	☐	1.000	1.006	8402.53	0.0221	P	4.1
3	☐	50.000	51.709	410039.19	1.1161	P	2.5
4	☐	125.000	128.519	991112.00	2.7735	P	1.6
5	☐	250.000	252.394	1908065.04	5.4465	P	0.3
6	☐	500.000	495.192	3690950.53	10.6855	P	0.8
7	☐	1000.000	1001.280	7452659.47	21.6058	A	4.8
8	☐			14548.50	0.0389	P	1.0

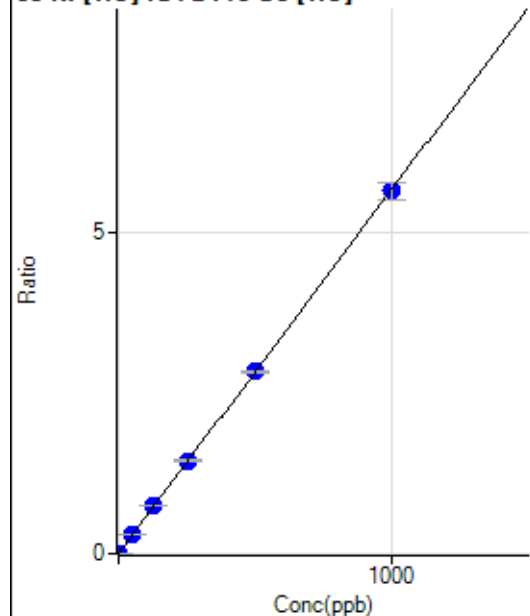
$$y = 0.0216 * x + 3.4301E-004$$

$$R = 1.0000$$

$$DL = 0.005373$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	132.22	0.0003	P	12.7
2	☐	1.000	1.060	2420.24	0.0064	P	4.2
3	☐	50.000	53.052	110643.59	0.3012	P	2.6
4	☐	125.000	130.757	265073.10	0.7418	P	1.9
5	☐	250.000	256.052	508765.51	1.4523	P	0.8
6	☐	500.000	501.475	982322.50	2.8439	P	0.9
7	☐	1000.000	996.877	1949965.89	5.6530	P	4.7
8	☐			39076.56	0.1044	P	0.6

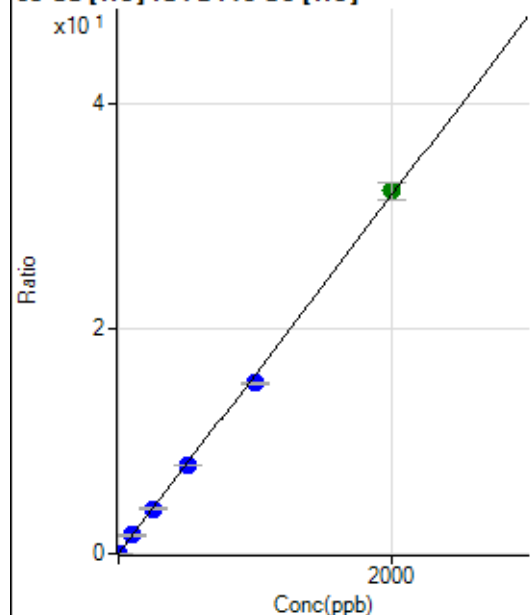
$$y = 0.0057 * x + 3.4635E-004$$

$$R = 1.0000$$

$$DL = 0.02334$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	750.03	0.0020	P	7.2
2	☐	2.000	2.024	13015.96	0.0342	P	4.5
3	☐	100.000	102.676	601163.57	1.6362	P	2.0
4	☐	250.000	251.527	1431351.25	4.0054	P	1.6
5	☐	500.000	496.762	2770676.56	7.9088	P	0.5
6	☐	1000.000	951.105	5229795.76	15.1404	P	0.6
7	☐	2000.000	2024.932	11118440.11	32.2322	A	4.7
8	☐			18221.55	0.0487	P	2.4

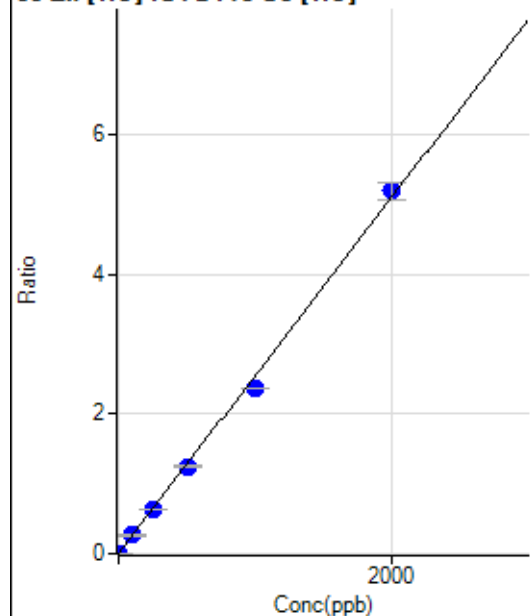
$$y = 0.0159 * x + 0.0020$$

$$R = 0.9996$$

$$DL = 0.0268$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1055.61	0.0028	P	5.2
2	☐	2.000	2.051	3043.70	0.0080	P	4.4
3	☐	100.000	102.143	96706.28	0.2632	P	1.7
4	☐	250.000	249.171	228025.89	0.6381	P	1.3
5	☐	500.000	489.416	438134.54	1.2506	P	0.6
6	☐	1000.000	929.848	819873.38	2.3736	P	0.8
7	☐	2000.000	2037.718	1793041.12	5.1983	P	5.0
8	☐			22211.48	0.0593	P	1.2

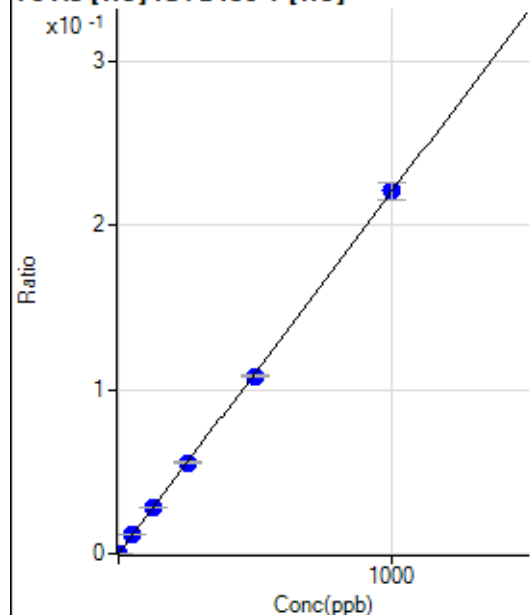
$$y = 0.0025 * x + 0.0028$$

$$R = 0.9991$$

$$DL = 0.1694$$

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	16.05	0.0000	P	40.3
2	☐	1.000	1.007	548.16	0.0002	P	7.4
3	☐	50.000	52.281	26813.00	0.0115	P	1.1
4	☐	125.000	128.250	64250.80	0.0283	P	1.1
5	☐	250.000	252.483	124026.32	0.0556	P	0.1
6	☐	500.000	491.248	237709.15	0.1082	P	0.3
7	☐	1000.000	1003.235	479581.22	0.2210	P	4.9
8	☐			236.42	0.0001	P	3.8

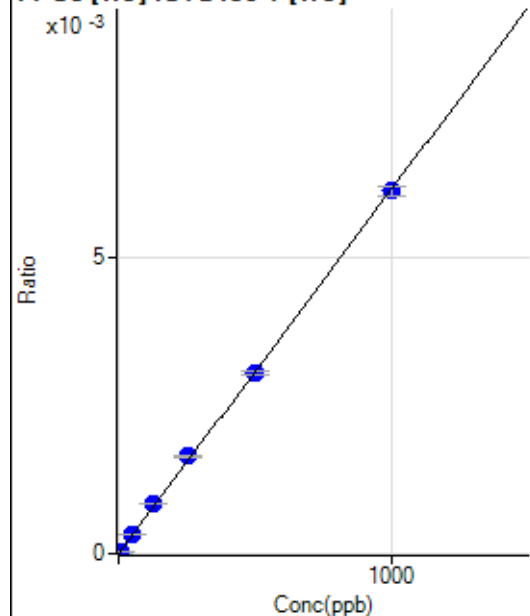
$$y = 2.2029\text{E-}004 * x + 6.6698\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.03657$$

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	1.11	0.0000	P	173.2
2	☐	5.000	6.471	96.67	0.0000	P	3.4
3	☐	50.000	52.578	754.48	0.0003	P	1.1
4	☐	125.000	136.494	1912.38	0.0008	P	1.7
5	☐	250.000	267.823	3678.32	0.0016	P	2.1
6	☐	500.000	496.688	6719.43	0.0031	P	1.6
7	☐	1000.000	995.627	13315.16	0.0061	P	2.5
8	☐			12.22	0.0000	P	41.8

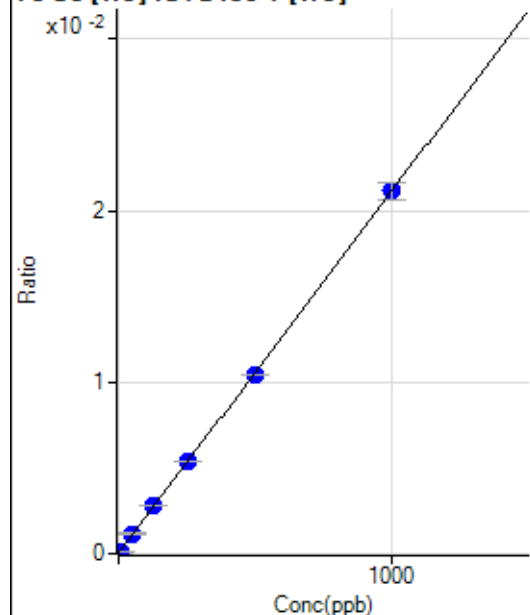
$$y = 6.1583\text{E-}006 * x + 4.6361\text{E-}007$$

$$R = 0.9998$$

$$DL = 0.3912$$

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	54.94	0.0000	P	10.8
2	☐	5.000	5.911	353.71	0.0001	P	12.4
3	☐	50.000	54.348	2721.27	0.0012	P	2.1
4	☐	125.000	132.790	6422.46	0.0028	P	1.6
5	☐	250.000	255.836	12087.20	0.0054	P	0.6
6	☐	500.000	491.869	22847.07	0.0104	P	0.5
7	☐	1000.000	1001.411	45902.67	0.0212	P	4.8
8	☐			73.46	0.0000	P	18.1

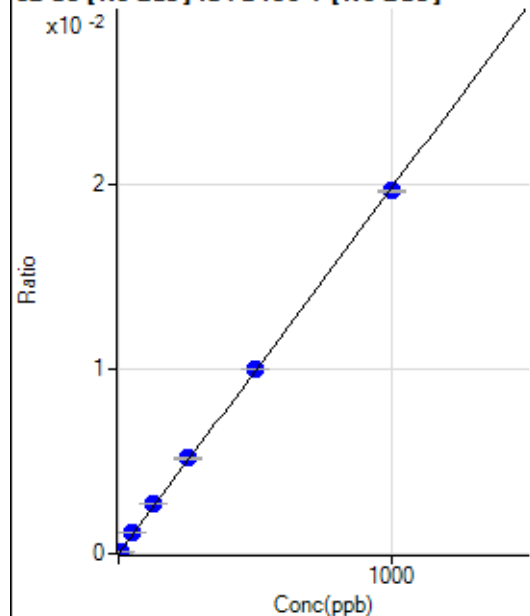
$$y = 2.1100\text{E-}005 * x + 2.2849\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.3493$$

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	4.23	0.0000	P	1270.
2	☐	5.000	5.914	2226.70	0.0001	P	2.4
3	☐	50.000	55.597	20634.94	0.0011	P	0.5
4	☐	125.000	136.446	50239.08	0.0027	P	1.0
5	☐	250.000	262.565	94699.94	0.0052	P	2.3
6	☐	500.000	504.658	174733.96	0.0100	P	0.7
7	☐	1000.000	992.815	346693.70	0.0197	P	0.6
8	☐			84.73	0.0000	P	62.9

$$y = 1.9835\text{E-}005 * x + 2.1532\text{E-}007$$

$$R = 0.9999$$

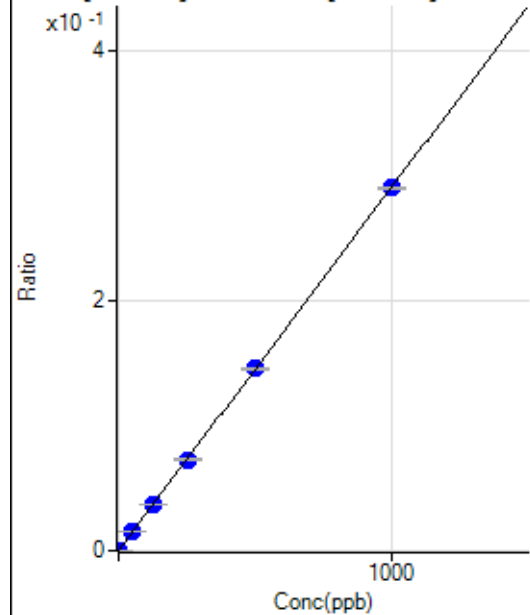
$$DL = 0.4136$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			1223.40		P	3.2
2	☐			1255.63		P	6.8
3	☐			1247.85		P	7.3
4	☐			1280.08		P	1.6
5	☐			1117.84		P	0.6
6	☐			1180.07		P	3.9
7	☐			1168.96		P	6.1
8	☐			1325.64		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1889.10	0.0001	P	7.3
2	☐	1.000	1.082	7796.86	0.0004	P	2.0
3	☐	50.000	51.164	280287.78	0.0150	P	1.2
4	☐	125.000	126.991	687577.77	0.0370	P	0.5
5	☐	250.000	250.192	1325415.64	0.0729	P	1.3
6	☐	500.000	501.467	2548360.13	0.1460	P	0.5
7	☐	1000.000	998.911	5118074.59	0.2907	P	0.6
8	☐			23269.54	0.0013	P	0.8

$$y = 2.9094E-004 * x + 9.6818E-005$$

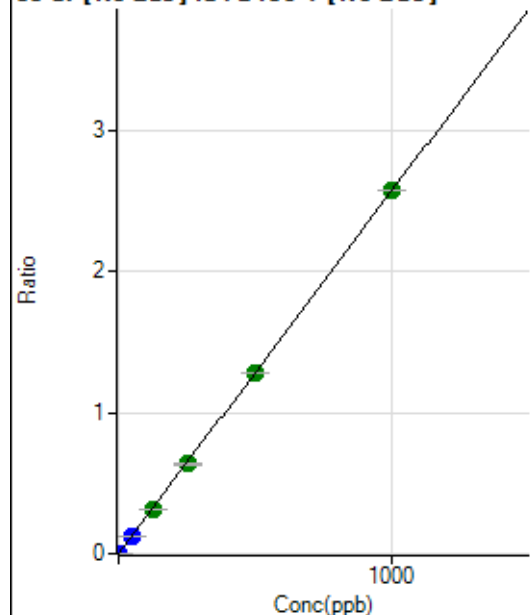
$$R = 1.0000$$

$$DL = 0.07272$$

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	197.23	0.0000	P	25.7
2	☐	1.000	1.042	50944.08	0.0027	P	2.2
3	☐	50.000	50.313	2420454.35	0.1294	P	0.2
4	☐	125.000	124.328	5933790.11	0.3197	A	0.5
5	☐	250.000	247.383	11566331.51	0.6361	A	1.7
6	☐	500.000	499.548	22420805.54	1.2845	A	0.4
7	☐	1000.000	1000.948	45310092.68	2.5737	A	0.1
8	☐			189548.16	0.0109	P	0.5

$$y = 0.0026 * x + 1.0104E-005$$

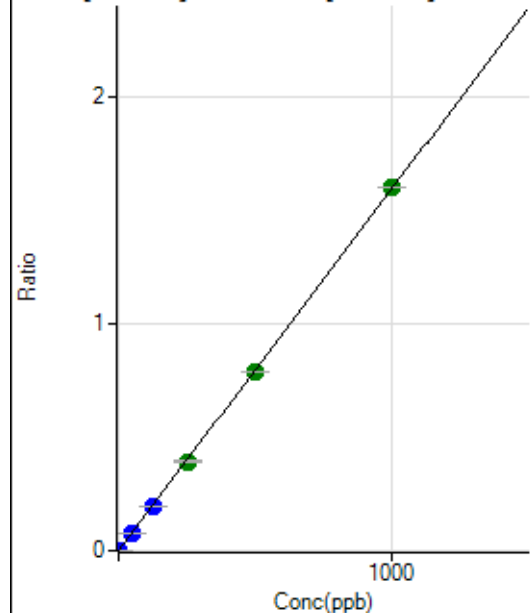
$$R = 1.0000$$

$$DL = 0.003027$$

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	1061.20	0.0001	P	8.4
2	☐	1.000	0.809	25512.57	0.0013	P	0.6
3	☐	50.000	49.124	1468075.53	0.0785	P	0.5
4	☐	125.000	124.436	3688040.19	0.1987	P	0.3
5	☐	250.000	245.919	7139044.78	0.3926	A	2.0
6	☐	500.000	494.918	13791414.03	0.7901	A	0.5
7	☐	1000.000	1003.676	28207614.87	1.6022	A	0.2
8	☐			8697.44	0.0005	P	2.5

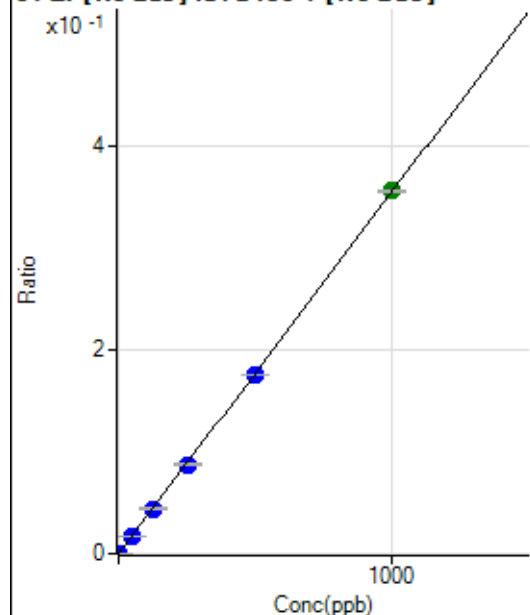
$$y = 0.0016 * x + 5.4375E-005$$

$$R = 1.0000$$

$$DL = 0.008603$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	205.57	0.0000	P	36.5
2	☐	1.000	0.827	5754.18	0.0003	P	4.0
3	☐	50.000	49.190	326597.78	0.0175	P	0.6
4	☐	125.000	124.932	822695.21	0.0443	P	0.7
5	☐	250.000	245.288	1582148.49	0.0870	P	1.8
6	☐	500.000	493.946	3058277.00	0.1752	P	0.4
7	☐	1000.000	1004.254	6270996.36	0.3562	A	0.6
8	☐			1702.96	0.0001	P	2.4

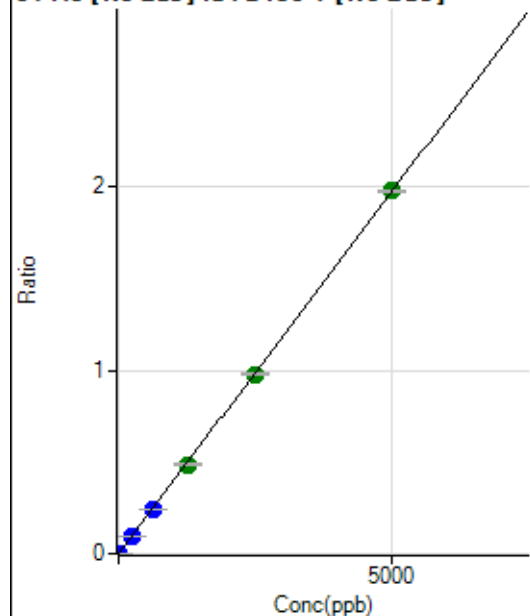
$$y = 3.5469E-004 * x + 1.0532E-005$$

$$R = 1.0000$$

$$DL = 0.03252$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	405.58	0.0000	P	2.1
2	☐	5.000	4.670	35252.80	0.0019	P	3.4
3	☐	250.000	247.828	1827022.42	0.0977	P	0.5
4	☐	625.000	622.145	4549907.52	0.2451	P	0.6
5	☐	1250.000	1229.543	8808764.43	0.4844	A	1.7
6	☐	2500.000	2478.002	17041181.63	0.9763	A	0.8
7	☐	5000.000	5016.579	34795312.59	1.9764	A	0.6
8	☐			26475.43	0.0015	P	1.7

$$y = 3.9397E-004 * x + 2.0784E-005$$

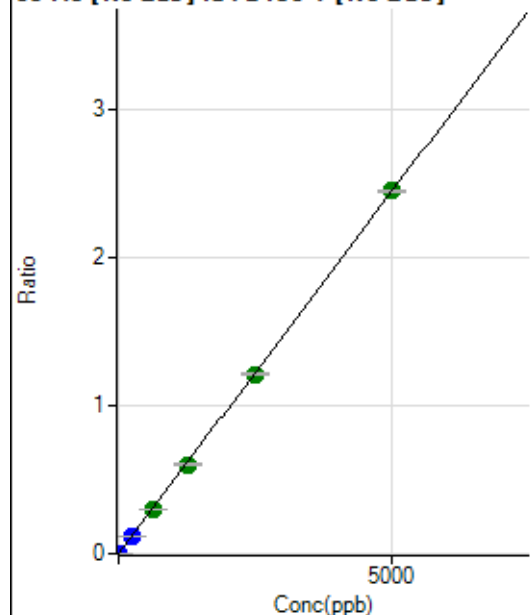
$$R = 1.0000$$

$$DL = 0.003272$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.78	0.0000	P	5.7
2	☐	5.000	4.922	45740.82	0.0024	P	1.7
3	☐	250.000	248.784	2274644.93	0.1216	P	0.5
4	☐	625.000	617.064	5597330.33	0.3016	A	0.5
5	☐	1250.000	1228.502	10916668.30	0.6004	A	1.7
6	☐	2500.000	2482.574	21176705.68	1.2132	A	0.6
7	☐	5000.000	5015.140	43146814.85	2.4508	A	0.4
8	☐			40923.43	0.0024	P	0.7

$$y = 4.8869E-004 * x + 9.1122E-006$$

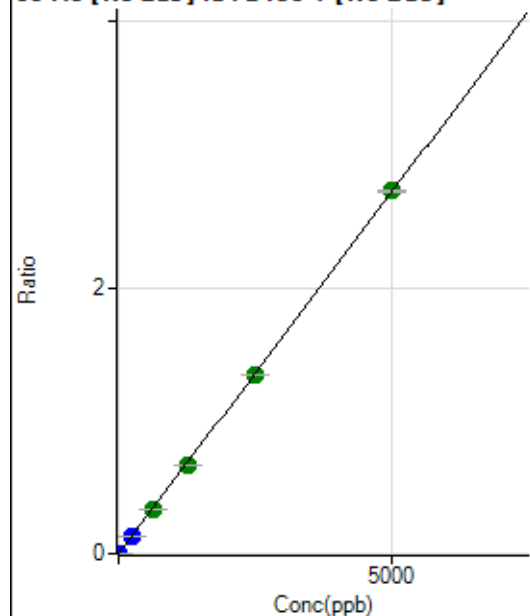
$$R = 1.0000$$

$$DL = 0.003195$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	288.90	0.0000	P	2.0
2	☐	5.000	4.999	51755.83	0.0027	P	1.7
3	☐	250.000	246.439	2506240.88	0.1340	P	0.3
4	☐	625.000	620.614	6261467.85	0.3373	A	0.1
5	☐	1250.000	1225.515	12112755.22	0.6661	A	1.5
6	☐	2500.000	2473.015	23462893.58	1.3442	A	0.4
7	☐	5000.000	5020.340	48037979.20	2.7287	A	0.8
8	☐			50738.25	0.0029	P	2.4

$$y = 5.4353E-004 * x + 1.4806E-005$$

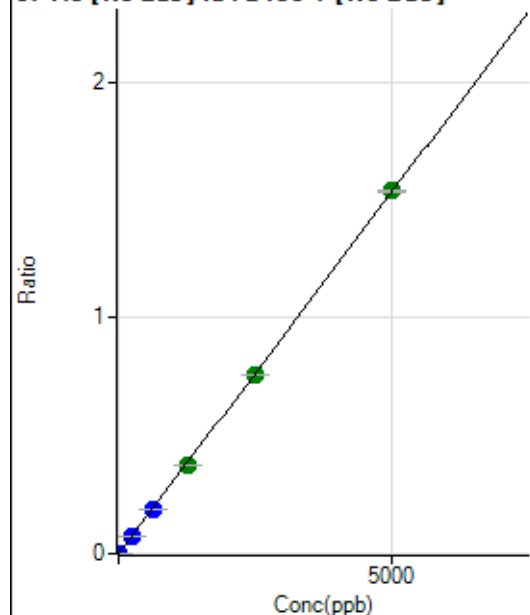
$$R = 1.0000$$

$$DL = 0.001613$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0000	P	31.6
2	☐	5.000	4.966	28919.21	0.0015	P	1.7
3	☐	250.000	246.266	1411263.65	0.0754	P	0.1
4	☐	625.000	621.241	3532016.57	0.1903	P	0.1
5	☐	1250.000	1221.328	6802635.57	0.3741	A	1.3
6	☐	2500.000	2470.331	13207723.04	0.7566	A	0.3
7	☐	5000.000	5022.660	27083744.01	1.5384	A	0.6
8	☐			25017.22	0.0014	P	1.3

$$y = 3.0629E-004 * x + 5.4057E-006$$

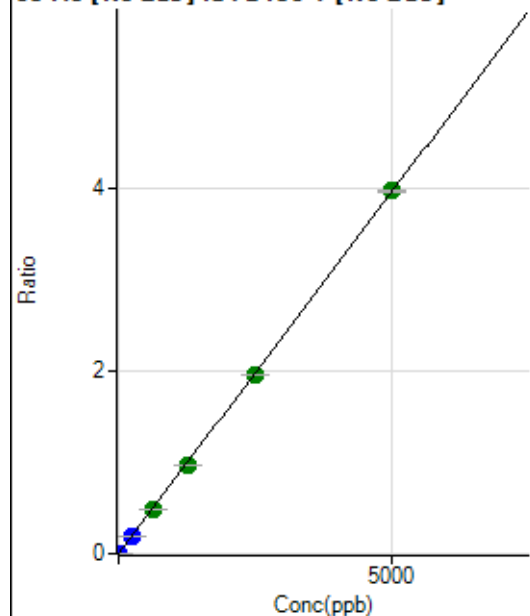
$$R = 1.0000$$

$$DL = 0.01671$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	247.24	0.0000	P	10.8
2	☐	5.000	4.990	74984.05	0.0040	P	1.3
3	☐	250.000	245.195	3626704.59	0.1939	P	0.6
4	☐	625.000	620.704	9108424.94	0.4907	A	0.5
5	☐	1250.000	1221.850	17566204.91	0.9660	A	1.0
6	☐	2500.000	2479.393	34214814.31	1.9601	A	0.6
7	☐	5000.000	5018.118	69841707.81	3.9672	A	0.4
8	☐			63865.70	0.0037	P	1.0

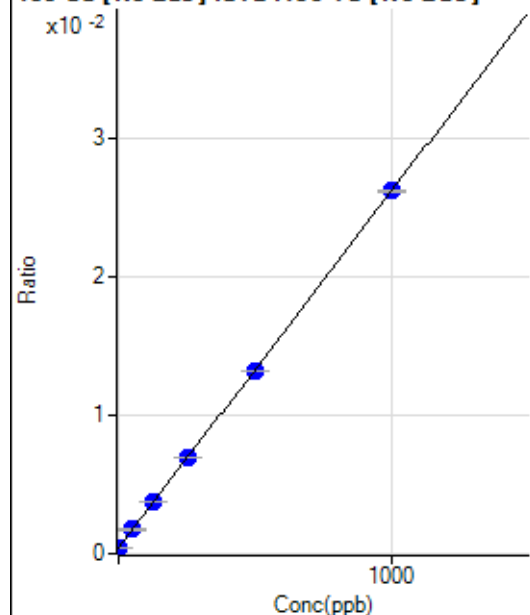
$$y = 7.9056E-004 * x + 1.2670E-005$$

$$R = 1.0000$$

$$DL = 0.005174$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9553.67	0.0004	P	3.7
2	☐	1.000	1.065	9873.31	0.0004	P	2.1
3	☐	50.000	52.284	39074.15	0.0018	P	3.4
4	☐	125.000	130.147	83534.86	0.0038	P	0.5
5	☐	250.000	252.548	151595.58	0.0069	P	1.4
6	☐	500.000	497.097	278615.64	0.0132	P	0.4
7	☐	1000.000	1000.057	556429.06	0.0262	P	0.6
8	☐			8858.67	0.0005	P	2.5

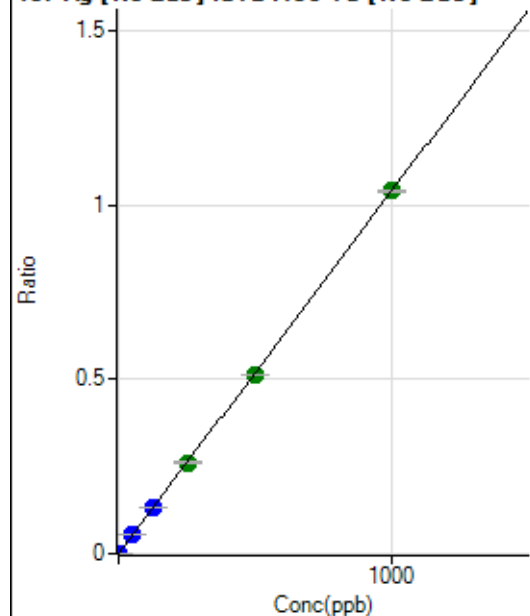
$$y = 2.5771\text{E-}005 * x + 4.1430\text{E-}004$$

$$R = 1.0000$$

$$DL = 1.762$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	238.90	0.0000	P	28.1
2	☐	1.000	0.730	17188.82	0.0008	P	0.8
3	☐	50.000	52.655	1213208.87	0.0547	P	0.5
4	☐	125.000	129.730	2986959.88	0.1347	P	0.4
5	☐	250.000	251.131	5711555.77	0.2608	A	1.6
6	☐	500.000	495.691	10846288.09	0.5148	A	0.2
7	☐	1000.000	1001.148	22093798.76	1.0398	A	0.6
8	☐			3508.93	0.0002	P	7.8

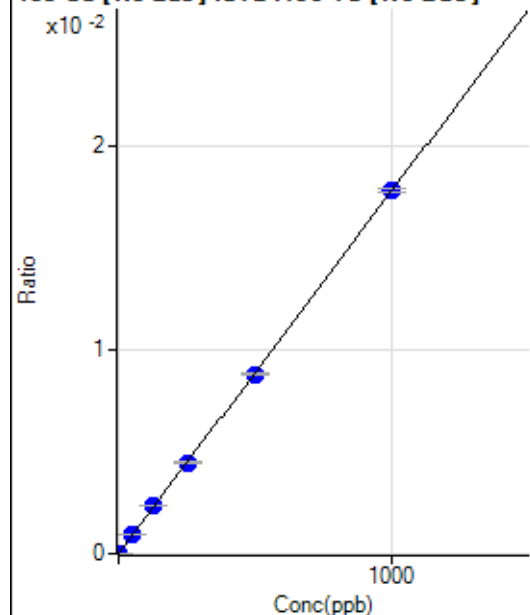
$$y = 0.0010 * x + 1.0362\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.008396$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	43.3
2	☐	1.000	1.075	448.63	0.0000	P	9.0
3	☐	50.000	52.034	20542.99	0.0009	P	2.0
4	☐	125.000	131.226	51744.51	0.0023	P	0.5
5	☐	250.000	251.876	98087.92	0.0045	P	1.8
6	☐	500.000	495.626	185681.06	0.0088	P	0.4
7	☐	1000.000	1000.838	378135.09	0.0178	P	1.1
8	☐			137.50	0.0000	P	5.9

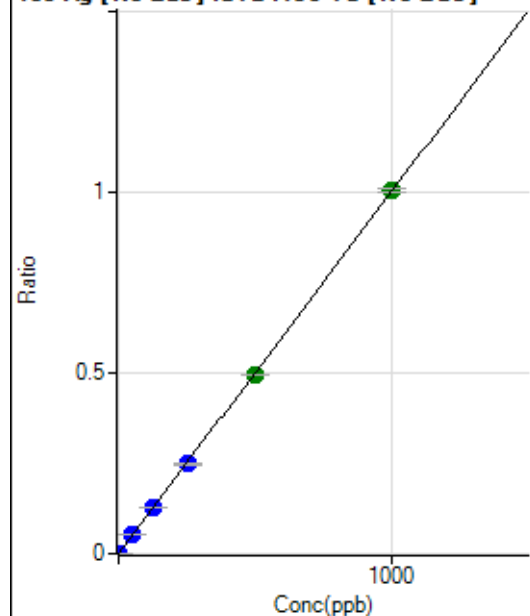
$$y = 1.7781E-005 * x + 9.6384E-007$$

$$R = 1.0000$$

$$DL = 0.07044$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	111.12	0.0000	P	34.6
2	☐	1.000	0.723	16273.84	0.0007	P	0.8
3	☐	50.000	52.439	1163817.36	0.0525	P	0.4
4	☐	125.000	128.733	2855254.15	0.1288	P	0.5
5	☐	250.000	248.548	5444415.57	0.2487	P	2.9
6	☐	500.000	494.721	10427936.43	0.4950	A	0.8
7	☐	1000.000	1002.414	21309873.92	1.0029	A	1.0
8	☐			3139.39	0.0002	P	3.7

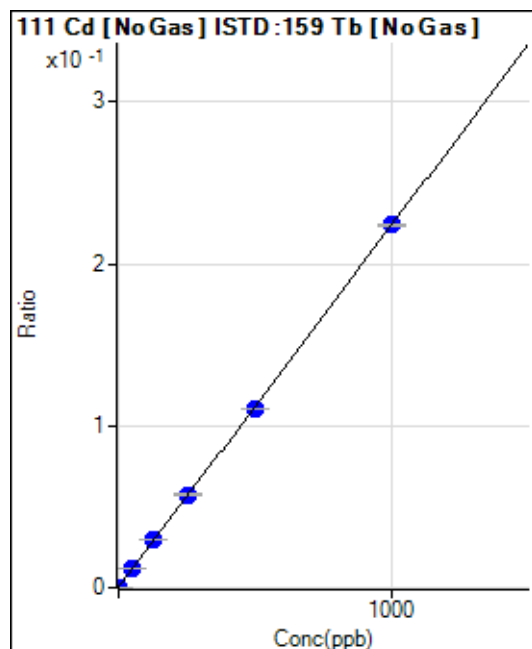
$$y = 0.0010 * x + 4.8184E-006$$

$$R = 1.0000$$

$$DL = 0.005002$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4814.05	0.0002	P	3.8
2	☐	1.000	1.044	9883.43	0.0004	P	1.1
3	☐	50.000	53.029	267630.32	0.0121	P	0.6
4	☐	125.000	131.268	655279.15	0.0296	P	0.1
5	☐	250.000	255.309	1254626.79	0.0573	P	1.7
6	☐	500.000	493.460	2328961.78	0.1105	P	0.3
7	☐	1000.000	1001.008	4760385.35	0.2240	P	0.5
8	☐			5498.43	0.0003	P	2.5

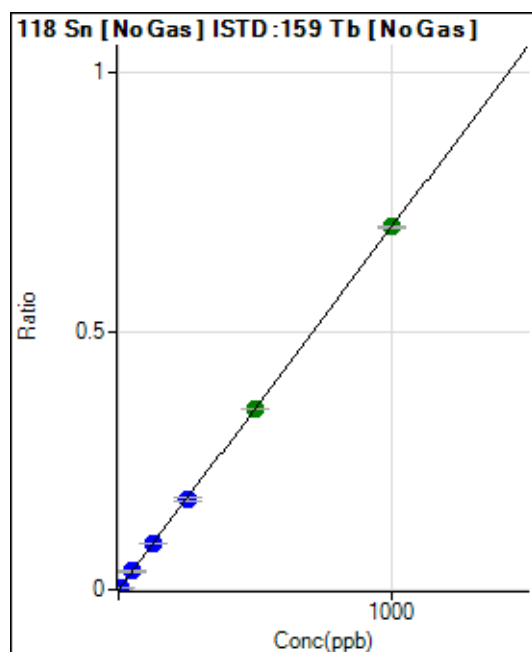
$$y = 2.2360\text{E-}004 * x + 2.0876\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1075$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1086.20	0.0000	P	10.3
2	☐	5.000	5.085	80823.94	0.0036	P	1.1
3	☐	50.000	50.433	786151.57	0.0354	P	0.9
4	☐	125.000	127.281	1981235.11	0.0894	P	0.4
5	☐	250.000	248.772	3823792.49	0.1746	P	2.5
6	☐	500.000	498.986	7379046.69	0.3503	A	0.4
7	☐	1000.000	1000.507	14921923.25	0.7022	A	0.2
8	☐			10345.87	0.0005	P	3.0

$$y = 7.0184\text{E-}004 * x + 4.7102\text{E-}005$$

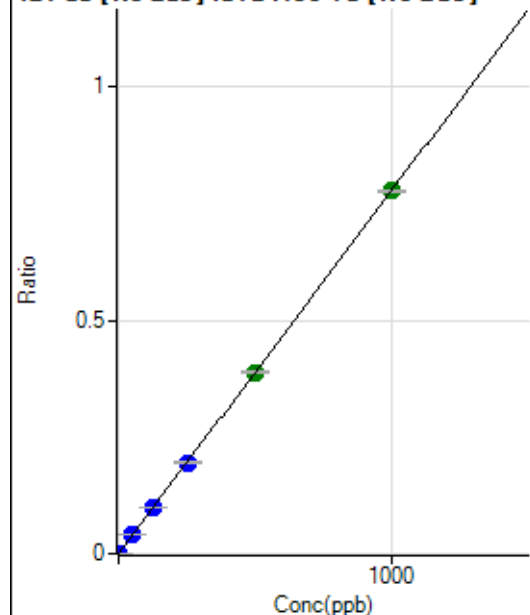
$$R = 1.0000$$

$$DL = 0.02064$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	211.12	0.0000	P	14.9
2	☐	2.000	2.007	35058.56	0.0016	P	2.2
3	☐	50.000	50.392	868553.91	0.0392	P	0.0
4	☐	125.000	127.880	2202440.72	0.0994	P	0.8
5	☐	250.000	249.247	4240180.21	0.1937	P	2.0
6	☐	500.000	500.358	8189765.55	0.3887	A	0.4
7	☐	1000.000	999.630	16502260.26	0.7766	A	0.5
8	☐			17709.04	0.0009	P	9.3

$$y = 7.7690E-004 * x + 9.1557E-006$$

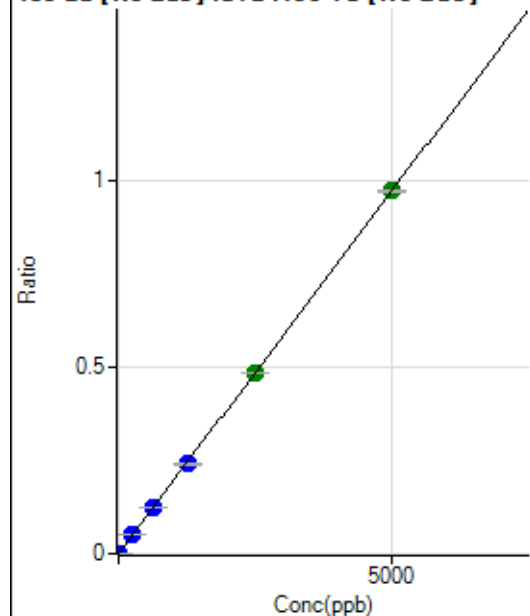
$$R = 1.0000$$

$$DL = 0.005282$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	48.0
2	☐	10.000	10.345	44937.42	0.0020	P	1.7
3	☐	250.000	256.089	1103063.61	0.0497	P	0.8
4	☐	625.000	636.471	2739676.90	0.1236	P	1.0
5	☐	1250.000	1239.355	5269424.81	0.2407	P	2.5
6	☐	2500.000	2487.152	10175230.44	0.4830	A	0.2
7	☐	5000.000	5007.346	20661450.12	0.9724	A	0.6
8	☐			4211.93	0.0002	P	2.9

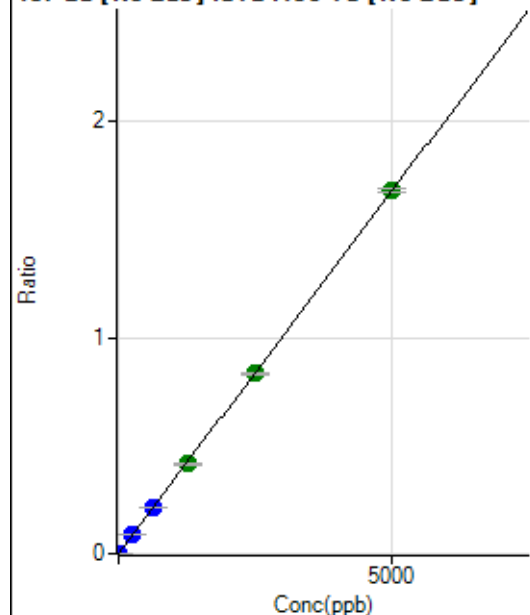
$$y = 1.9419E-004 * x + 1.5658E-006$$

$$R = 1.0000$$

$$DL = 0.0116$$

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	75.01	0.0000	P	38.6
2	☐	10.000	10.337	77500.19	0.0035	P	1.7
3	☐	250.000	253.966	1887796.66	0.0851	P	0.9
4	☐	625.000	632.040	4695046.02	0.2118	P	1.0
5	☐	1250.000	1243.310	9123279.37	0.4167	A	1.9
6	☐	2500.000	2484.665	17541914.63	0.8327	A	0.7
7	☐	5000.000	5008.261	35662002.88	1.6784	A	0.9
8	☐			7741.37	0.0004	P	5.4

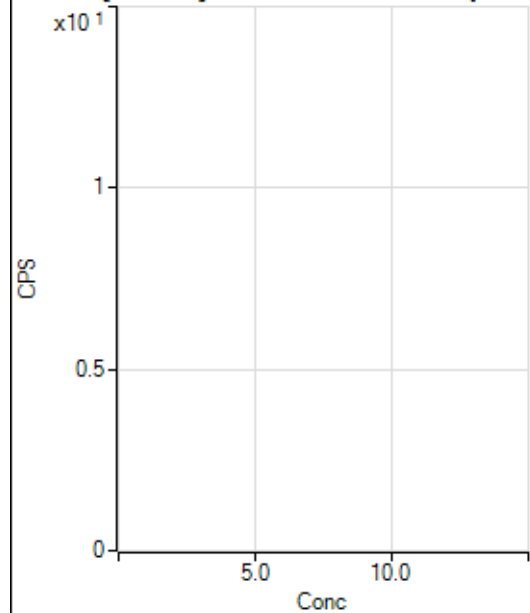
$$y = 3.3512E-004 * x + 3.2537E-006$$

$$R = 1.0000$$

$$DL = 0.01125$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			8.89		P	43.3
2	☐			13.33		P	50.0
3	☐			102.23		P	24.7
4	☐			317.79		P	22.6
5	☐			464.47		P	13.3
6	☐			882.28		P	10.3
7	☐			1813.52		P	2.6
8	☐			197.79		P	5.1

150 Nd [He] No available calibration points

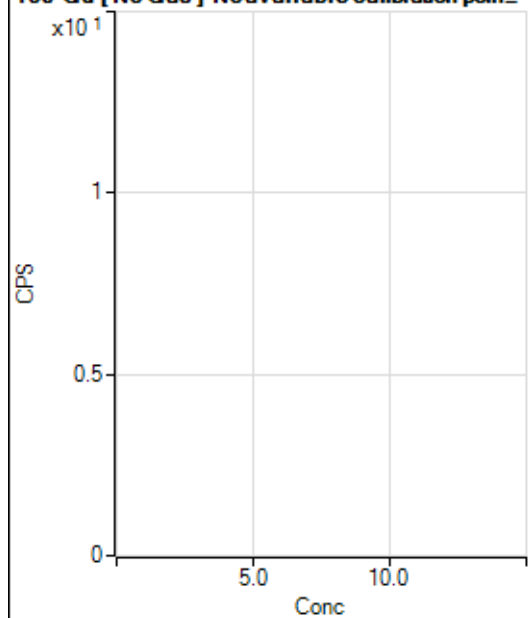
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			6.67		P	50.0
3	☐			15.56		P	65.5
4	☐			32.22		P	29.8
5	☐			47.78		P	16.1
6	☐			94.45		P	21.6
7	☐			173.34		P	13.3
8	☐			65.56		P	2.9

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	50.0
2	☐			38.89		P	32.7
3	☐			47.22		P	27.0
4	☐			66.67		P	33.1
5	☐			111.11		P	8.7
6	☐			208.35		P	10.6
7	☐			411.14		P	29.1
8	☐			63.89		P	7.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.45		P	43.8
2	☐			22.22		P	60.6
3	☐			44.45		P	30.3
4	☐			70.00		P	19.0
5	☐			108.89		P	11.6
6	☐			216.67		P	3.1
7	☐			460.01		P	2.5
8	☐			40.00		P	16.7

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			197.23		P	20.0
2	☐			188.90		P	11.1
3	☐			236.12		P	8.2
4	☐			197.23		P	6.5
5	☐			213.90		P	19.2
6	☐			225.01		P	9.8
7	☐			297.24		P	7.1
8	☐			200.01		P	11.0

160 Gd [He] No available calibration points

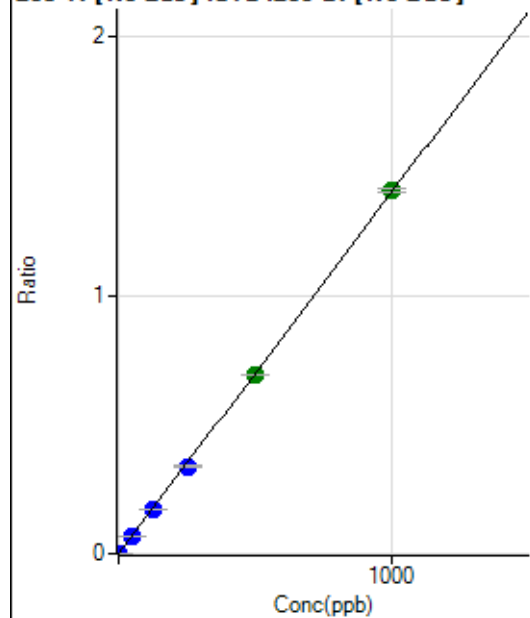
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			326.68		P	11.6
2	☐			323.35		P	3.6
3	☐			392.23		P	12.2
4	☐			380.01		P	12.9
5	☐			376.68		P	7.2
6	☐			385.57		P	3.6
7	☐			355.57		P	9.2
8	☐			382.23		P	11.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.01		P	40.5
2	☐			94.45		P	13.5
3	☐			163.90		P	26.1
4	☐			113.90		P	27.7
5	☐			97.23		P	17.8
6	☐			122.23		P	41.7
7	☐			161.12		P	21.5
8	☐			116.67		P	18.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			75.56		P	11.1
2	☐			70.00		P	25.2
3	☐			81.11		P	27.4
4	☐			65.55		P	42.6
5	☐			88.89		P	29.1
6	☐			80.00		P	27.3
7	☐			98.89		P	10.3
8	☐			70.00		P	19.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	544.48	0.0000	P	9.4
2	☐	1.000	0.981	19542.90	0.0014	P	2.9
3	☐	50.000	48.551	932777.01	0.0679	P	0.2
4	☐	125.000	122.225	2321831.61	0.1708	P	1.0
5	☐	250.000	241.485	4511480.83	0.3374	P	1.7
6	☐	500.000	495.141	8680754.18	0.6918	A	0.3
7	☐	1000.000	1004.978	17337302.64	1.4041	A	1.0
8	☐			4239.76	0.0004	P	4.2

$$y = 0.0014 * x + 3.7774E-005$$

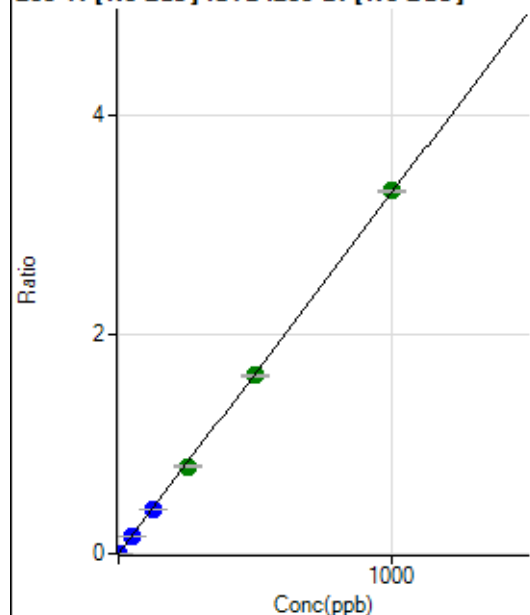
$$R = 0.9999$$

$$DL = 0.007634$$

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	1172.33	0.0001	P	4.0
2	☐	1.000	0.969	45381.35	0.0033	P	1.4
3	☐	50.000	48.319	2185368.08	0.1590	P	0.4
4	☐	125.000	120.752	5400057.72	0.3972	P	0.8
5	☐	250.000	241.727	10631737.56	0.7951	A	1.3
6	☐	500.000	493.817	20381171.81	1.6242	A	0.5
7	☐	1000.000	1005.775	40847243.97	3.3080	A	0.8
8	☐			9414.86	0.0009	P	5.5

$$y = 0.0033 * x + 8.1332E-005$$

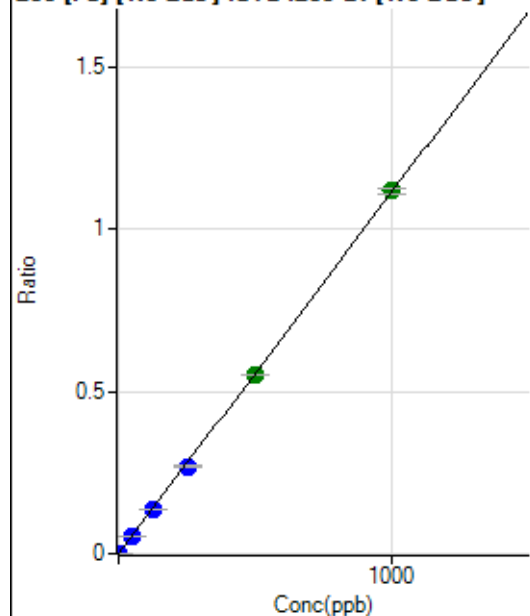
$$R = 0.9999$$

$$DL = 0.003002$$

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	1318.63	0.0001	P	1.9
2	☐	1.000	0.949	15926.59	0.0011	P	1.0
3	☐	50.000	48.740	746543.35	0.0543	P	1.0
4	☐	125.000	122.095	1847856.96	0.1359	P	0.8
5	☐	250.000	241.190	3589192.10	0.2684	P	1.4
6	☐	500.000	495.546	6919286.61	0.5514	A	0.1
7	☐	1000.000	1004.856	13805238.27	1.1180	A	1.5
8	☐			47288.12	0.0045	P	0.6

$$y = 0.0011 * x + 9.1478E-005$$

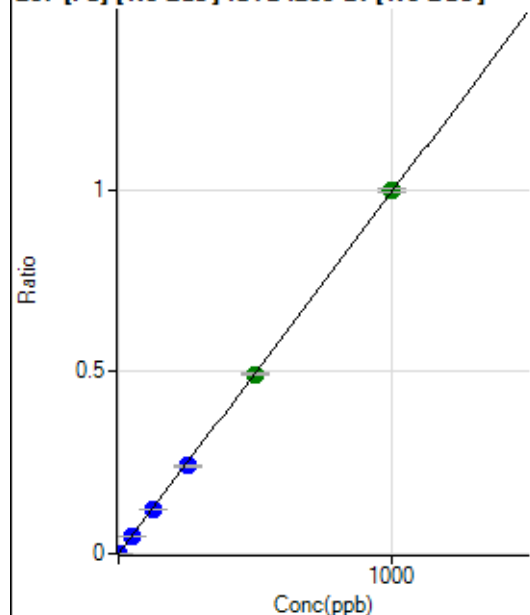
$$R = 0.9999$$

$$DL = 0.00479$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1242.69	0.0001	P	4.1
2	☐	1.000	0.959	14428.59	0.0010	P	0.8
3	☐	50.000	48.754	667297.97	0.0486	P	0.9
4	☐	125.000	122.611	1658133.38	0.1220	P	1.0
5	☐	250.000	242.215	3220547.61	0.2409	P	1.8
6	☐	500.000	496.832	6198552.05	0.4940	A	0.8
7	☐	1000.000	1003.891	12323181.41	0.9980	A	1.2
8	☐			43237.65	0.0042	P	0.8

$$y = 9.9406\text{E-}004 * x + 8.6214\text{E-}005$$

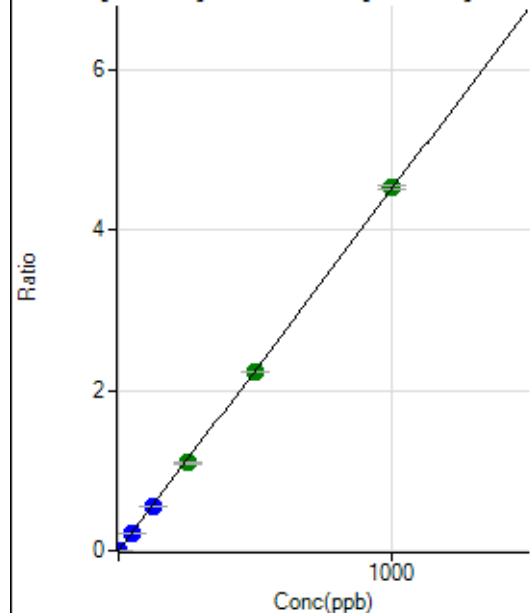
$$R = 1.0000$$

$$DL = 0.01079$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5033.83	0.0003	P	2.4
2	☐	1.000	0.965	65151.22	0.0047	P	1.0
3	☐	50.000	48.881	3028695.64	0.2204	P	0.5
4	☐	125.000	122.479	7499084.44	0.5516	P	0.3
5	☐	250.000	243.002	14628989.31	1.0941	A	1.7
6	☐	500.000	495.006	27962374.99	2.2283	A	0.6
7	☐	1000.000	1004.618	55837562.48	4.5220	A	1.1
8	☐			192627.37	0.0185	P	0.5

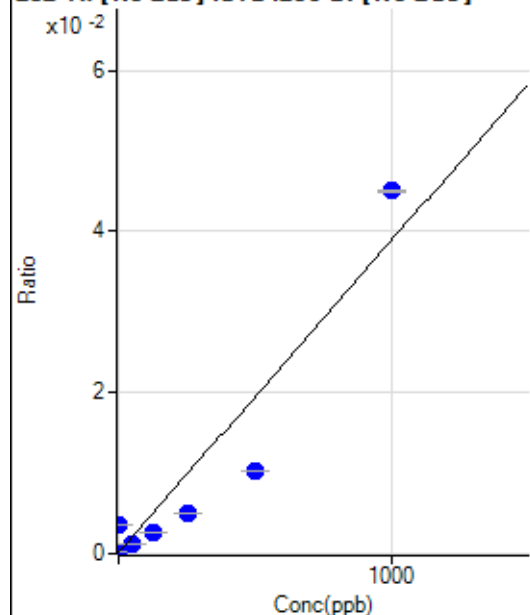
$$y = 0.0045 * x + 3.4923\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.005503$$

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	1876.12	0.0001	P	4.1
2	☐	1.000	90.031	50289.59	0.0036	P	2.2
3	☐	50.000	26.303	15808.09	0.0012	P	1.5
4	☐	125.000	64.543	35795.76	0.0026	P	1.2
5	☐	250.000	127.298	67741.73	0.0051	P	2.4
6	☐	500.000	263.348	129780.19	0.0103	P	0.7
7	☐	1000.000	1157.654	555949.41	0.0450	P	0.5
8	☐			2239.15	0.0002	P	5.6

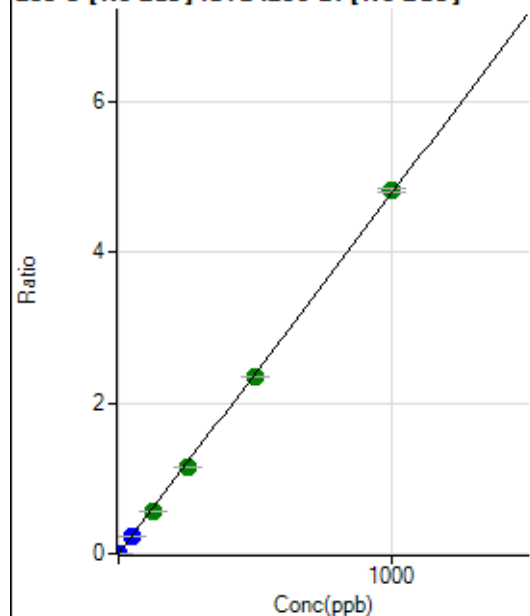
$$y = 3.8779\text{E-}005 * x + 1.3016\text{E-}004$$

$$R = 0.9499$$

$$DL = 0.416$$

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	2208.62	0.0002	P	3.8
2	☐	1.000	0.932	63949.41	0.0046	P	0.5
3	☐	50.000	47.039	3089563.35	0.2248	P	0.6
4	☐	125.000	118.947	7724307.20	0.5682	A	0.5
5	☐	250.000	239.728	15310980.72	1.1450	A	0.8
6	☐	500.000	492.065	29489100.66	2.3500	A	0.4
7	☐	1000.000	1007.440	59408296.46	4.8113	A	1.0
8	☐			8756.10	0.0008	P	0.5

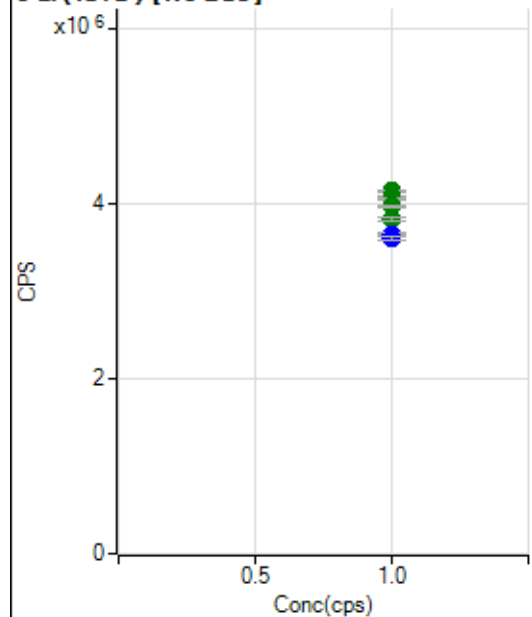
$$y = 0.0048 * x + 1.5321\text{E-}004$$

$$R = 0.9999$$

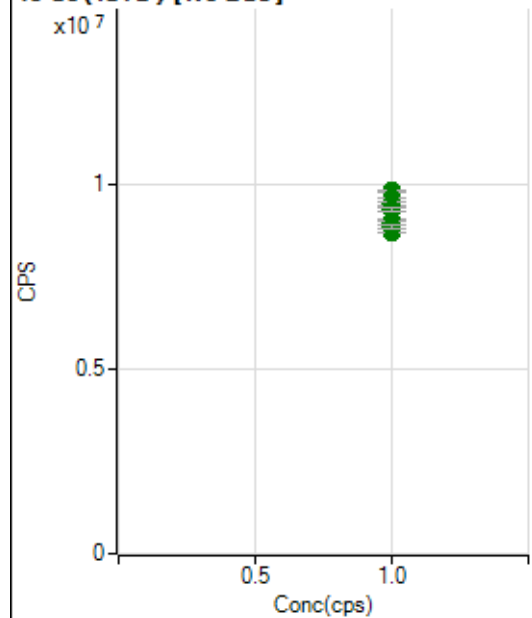
$$DL = 0.003698$$

Weight: <None>

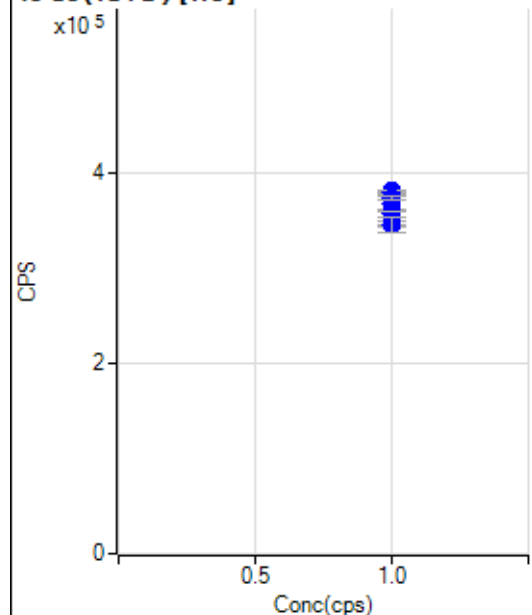
Min Conc: 0

6 Li (ISTD) [No Gas]

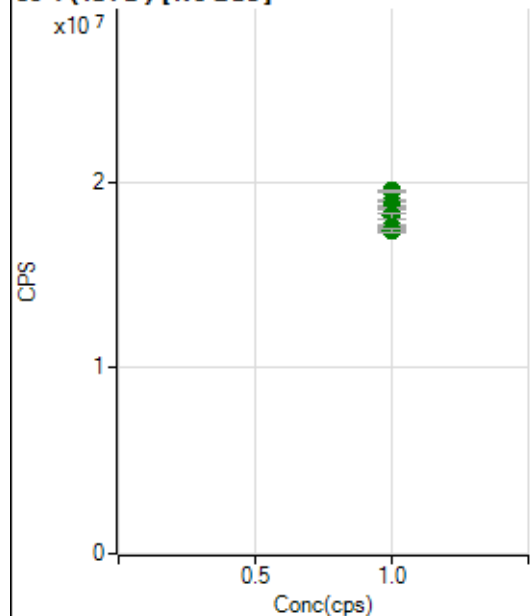
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4149158.80		A	0.4
2	☐	1.000		4083076.40		A	0.1
3	☐	1.000		4049965.74		A	0.6
4	☐	1.000		3972058.38		A	0.3
5	☐	1.000		3826083.07		A	1.4
6	☐	1.000		3641320.40		P	0.3
7	☐	1.000		3660786.12		P	1.2
8	☐	1.000		3605649.08		P	0.9

45 Sc (ISTD) [No Gas]

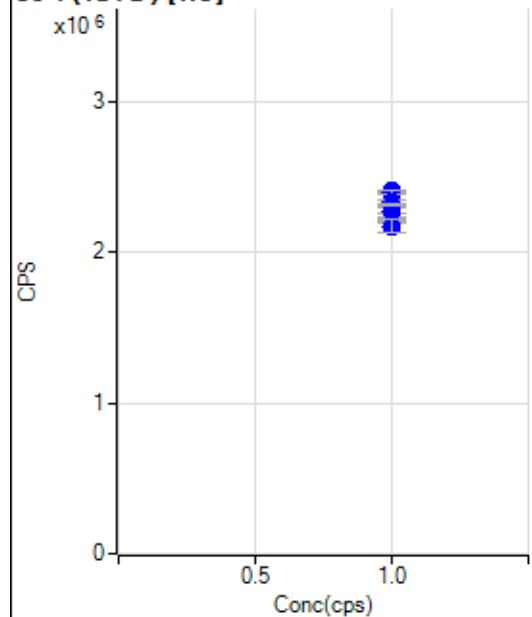
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9805538.85		A	0.6
2	☐	1.000		9618259.50		A	0.2
3	☐	1.000		9454110.46		A	0.7
4	☐	1.000		9323068.00		A	1.2
5	☐	1.000		9012139.35		A	1.0
6	☐	1.000		8687528.32		A	0.3
7	☐	1.000		8923039.09		A	1.3
8	☐	1.000		8837721.81		A	0.7

45 Sc (ISTD) [He]

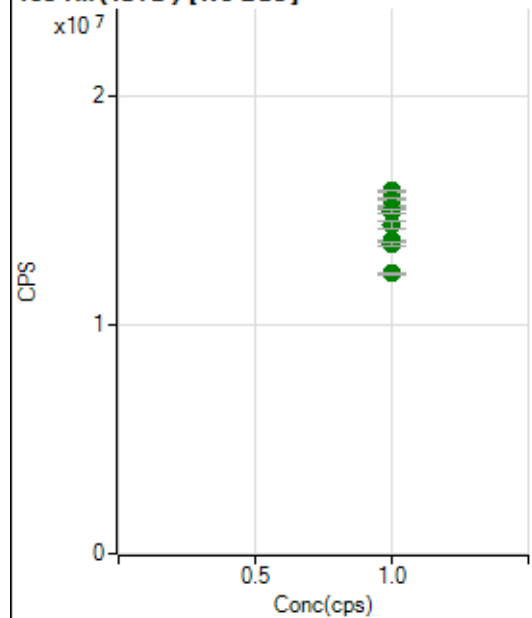
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		382021.92		P	0.8
2	☐	1.000		380803.71		P	0.8
3	☐	1.000		367531.84		P	2.5
4	☐	1.000		357412.90		P	1.7
5	☐	1.000		350332.92		P	0.3
6	☐	1.000		345430.98		P	0.9
7	☐	1.000		345445.71		P	4.6
8	☐	1.000		374392.27		P	0.9

89 Y (ISTD) [No Gas]

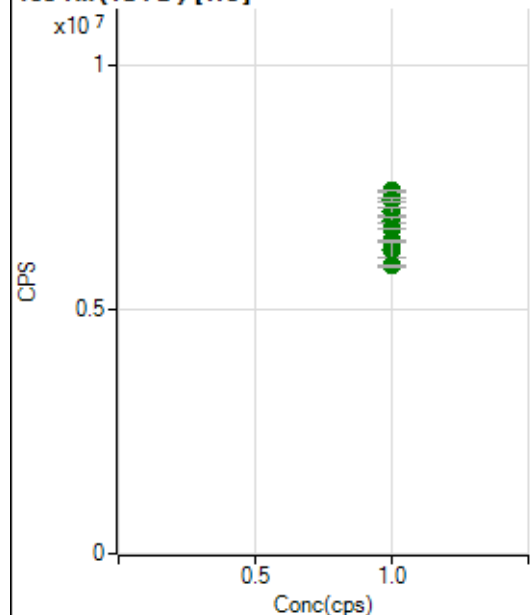
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19512817.76		A	0.3
2	☐	1.000		18946023.33		A	0.4
3	☐	1.000		18708432.50		A	0.6
4	☐	1.000		18561494.72		A	0.4
5	☐	1.000		18187150.56		A	1.7
6	☐	1.000		17455631.96		A	0.7
7	☐	1.000		17605205.57		A	0.6
8	☐	1.000		17388243.63		A	0.8

89 Y(ISTD) [He]

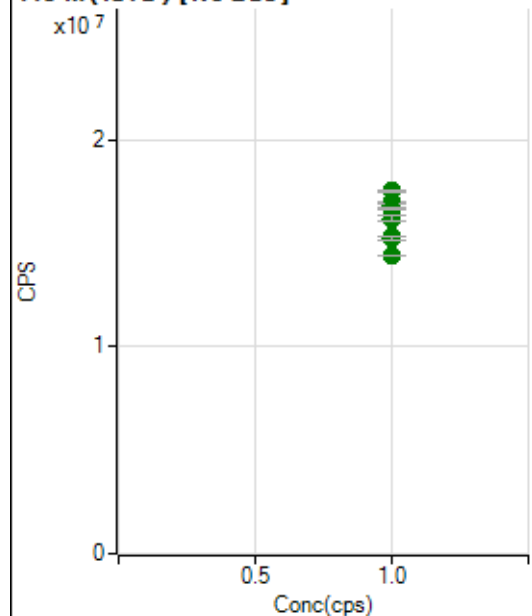
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2405151.91		P	0.5
2	☐	1.000		2397893.72		P	1.0
3	☐	1.000		2327061.09		P	1.6
4	☐	1.000		2273923.18		P	1.5
5	☐	1.000		2229667.80		P	0.5
6	☐	1.000		2196499.05		P	0.2
7	☐	1.000		2173045.51		P	4.4
8	☐	1.000		2310988.63		P	0.6

103 Rh(ISTD) [No Gas]

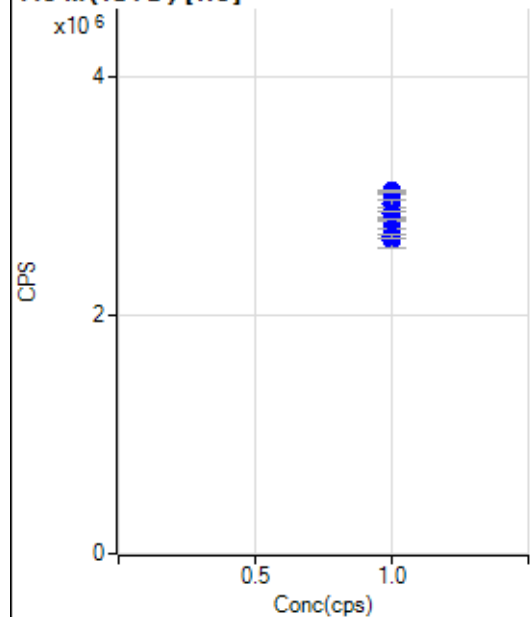
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		15833010.42		A	0.3
2	☐	1.000		15475462.67		A	0.3
3	☐	1.000		15114315.27		A	0.5
4	☐	1.000		14942052.42		A	0.9
5	☐	1.000		14380081.40		A	2.4
6	☐	1.000		13664699.09		A	0.4
7	☐	1.000		13528122.18		A	1.5
8	☐	1.000		12222333.87		A	0.3

103 Rh (ISTD) [He]

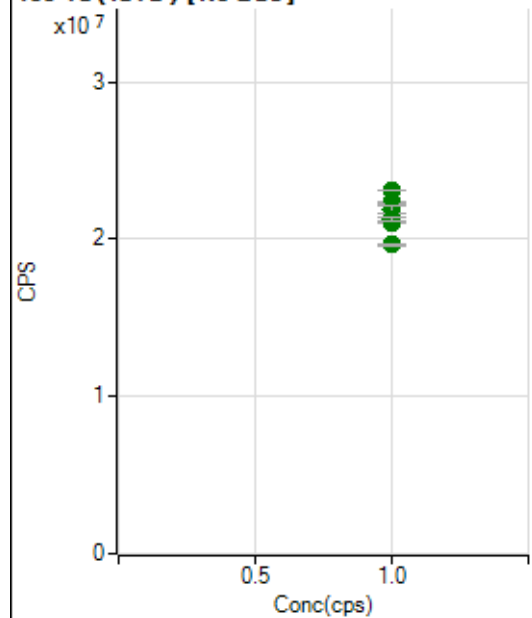
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		7414136.42		A	0.4
2	☐	1.000		7231095.86		A	0.9
3	☐	1.000		6996743.71		A	2.2
4	☐	1.000		6814228.72		A	1.4
5	☐	1.000		6634767.33		A	0.3
6	☐	1.000		6406221.01		A	0.5
7	☐	1.000		6212854.35		A	4.7
8	☐	1.000		5885727.20		A	0.7

115 In (ISTD) [No Gas]

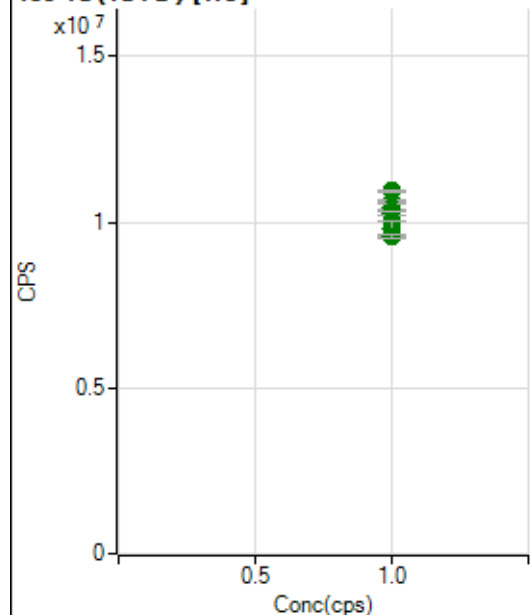
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		17535524.48		A	0.5
2	☐	1.000		16981193.68		A	0.7
3	☐	1.000		16830329.48		A	0.7
4	☐	1.000		16673789.98		A	1.0
5	☐	1.000		16190900.53		A	1.9
6	☐	1.000		15337744.68		A	0.5
7	☐	1.000		15247496.45		A	1.0
8	☐	1.000		14428024.55		A	0.2

115 In (ISTD) [He]

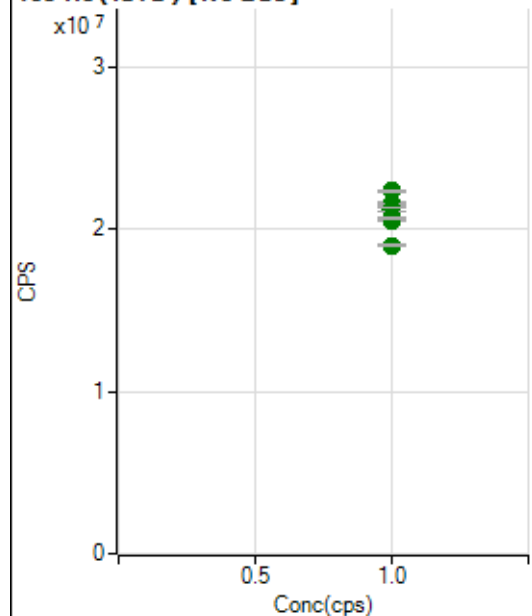
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3016724.80		P	0.5
2	☐	1.000		3037518.79		P	0.6
3	☐	1.000		2935863.18		P	2.2
4	☐	1.000		2842359.77		P	1.3
5	☐	1.000		2790590.34		P	0.2
6	☐	1.000		2714244.38		P	0.1
7	☐	1.000		2620042.70		P	4.0
8	☐	1.000		2655328.06		P	1.2

159 Tb (ISTD) [No Gas]

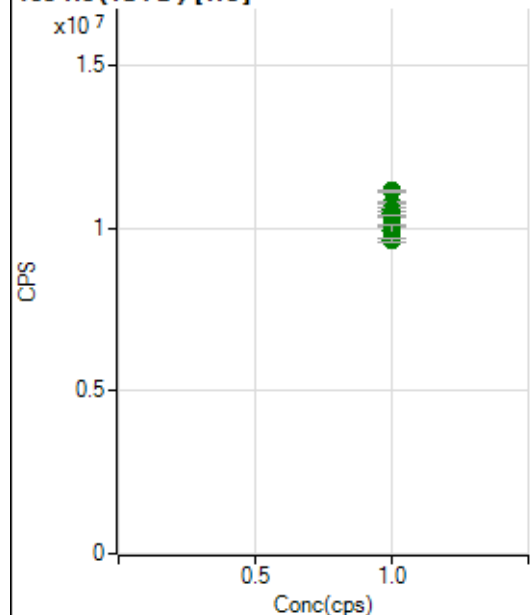
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		23059075.49		A	0.1
2	☐	1.000		22350640.50		A	0.4
3	☐	1.000		22180348.56		A	0.1
4	☐	1.000		22167366.06		A	0.8
5	☐	1.000		21902632.17		A	2.2
6	☐	1.000		21067661.63		A	0.2
7	☐	1.000		21249106.63		A	1.1
8	☐	1.000		19626501.65		A	0.2

159 Tb (ISTD) [He]

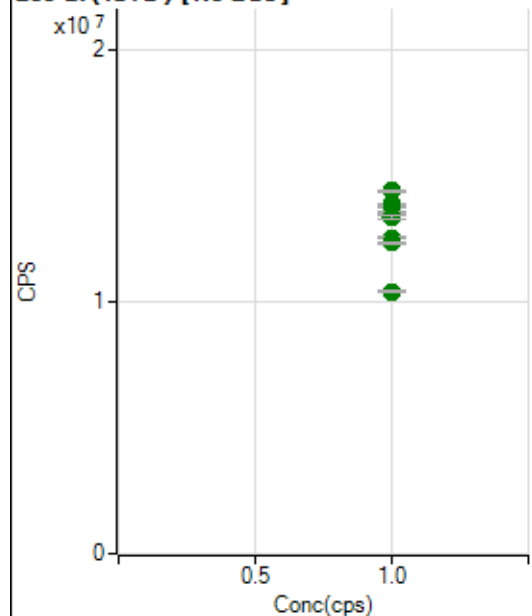
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		10939655.11		A	0.5
2	☐	1.000		10623942.69		A	0.6
3	☐	1.000		10440724.01		A	2.2
4	☐	1.000		10300699.91		A	1.7
5	☐	1.000		10275380.89		A	1.0
6	☐	1.000		10034475.27		A	0.2
7	☐	1.000		9818669.65		A	4.9
8	☐	1.000		9589530.69		A	1.1

165 Ho (ISTD) [No Gas]

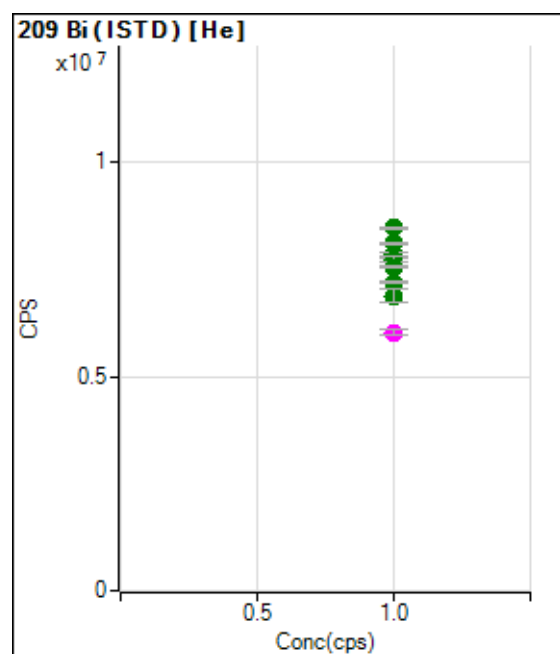
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		22358100.33		A	0.4
2	☐	1.000		21623299.96		A	0.3
3	☐	1.000		21487083.12		A	0.3
4	☐	1.000		21574577.22		A	0.5
5	☐	1.000		21232512.98		A	1.4
6	☐	1.000		20496761.22		A	0.4
7	☐	1.000		20700684.32		A	0.9
8	☐	1.000		19005133.76		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11155912.54		A	0.3
2	☐	1.000		10784016.44		A	0.6
3	☐	1.000		10577325.67		A	1.4
4	☐	1.000		10445063.73		A	1.4
5	☐	1.000		10404585.47		A	0.4
6	☐	1.000		10106625.82		A	0.5
7	☐	1.000		9907910.62		A	4.4
8	☐	1.000		9649378.74		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14414603.81		A	0.3
2	☐	1.000		13884900.49		A	0.8
3	☐	1.000		13744396.88		A	0.4
4	☐	1.000		13594778.69		A	0.5
5	☐	1.000		13373196.74		A	1.5
6	☐	1.000		12548480.79		A	0.6
7	☐	1.000		12348530.79		A	0.9
8	☐	1.000		10410922.34		A	0.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		8474567.79		A	0.3
2	☐	1.000		8109061.76		A	0.1
3	☐	1.000		7852713.77		A	1.5
4	☐	1.000		7746902.80		A	1.7
5	☐	1.000		7552231.97		A	0.7
6	☐	1.000		7197740.79		A	0.5
7	☐	1.000		6891540.80		A	4.8
8	☐	1.000		6031012.06		M	2.1

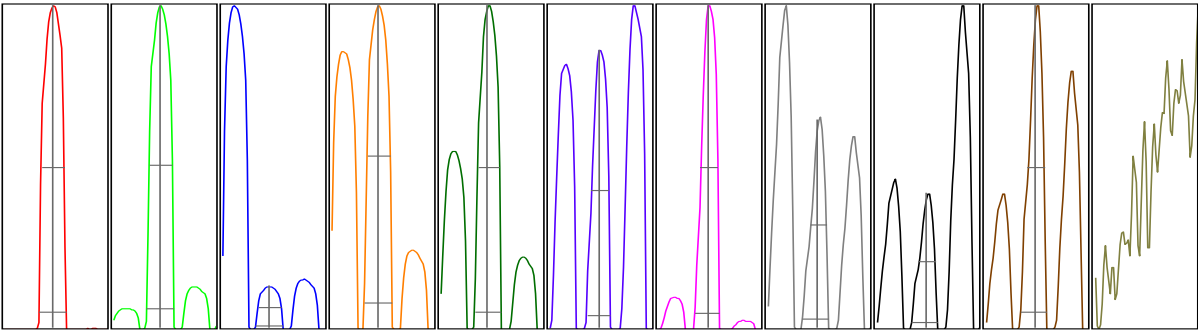
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7120519-MS1.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	16629	0.73	5.00	
24	1613025	0.53	5.00	
25	216873	0.72	5.00	
26	251535	0.74	5.00	
59	157338	0.69	5.00	
113	21785	0.70	5.00	
115	254482	0.50	5.00	
206	58282	0.77	5.00	
207	53983	0.54	5.00	
208	128545	0.75	5.00	
220	99	2.81		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	16439	16617	16725	16625	16742
24	1601931	1608212	1612894	1623991	1618097
25	214174	217035	217605	218126	217426
26	248379	251421	252328	253008	252538
59	155503	157513	157366	158005	158303
113	21543	21786	21767	21906	21925
115	253641	254869	253385	256551	253966
206	57621	58537	58399	58781	58071
207	53616	53932	54111	54398	53855
208	126910	129005	129316	129031	128465
220	98	102	101	95	97

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	26469	8.95	8.9 - 9.1		0.786	0.900	
24	2537751	23.90	23.9 - 24.1		0.788	0.900	
25	336487	24.90	24.9 - 25.1		0.789	0.900	
26	392079	25.90	25.9 - 26.1		0.814	0.900	
59	263001	58.90	58.9 - 59.1		0.779	0.900	
113	42795	113.00	112.9 - 113.1		0.689	0.900	
115	505201	115.00	114.9 - 115.1		0.709	0.900	
206	123658	206.00	205.9 - 206.1		0.752	0.900	
207	114064	207.00	206.9 - 207.1		0.740	0.900	
208	272301	208.00	207.9 - 208.1		0.747	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	8.0	V	Deflect	12.6	V
Extract 2	-140.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-65	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	39367	0.40	
89	555928	0.41	
205	52857	0.31	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	39217	39213	39588	39408	39411
89	553948	554063	556918	559361	555347
205	52644	52908	53000	53005	52728

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	8.1	V	Deflect	2.0	V
Extract 2	-145.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-70	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:03:08	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	-0.09	0.13	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.05	0.04	0.01	0.00	N/A	ppb
Boron	11-1	-0.05	0.04	0.01	0.00	N/A	ppb
Cadmium	111-1	0.00	0.04	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.02	0.58	-0.60	0.00	N/A	ppb
Cadmium	108-1	0.03	-0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	0.80	-0.10	-0.70	0.00	N/A	ppb
Calcium	44-1	0.33	-0.75	0.43	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	-0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	-0.05	0.07	0.00	N/A	ppb
Iron	57-2	-0.06	0.08	-0.02	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.15	0.13	0.02	0.00	N/A	ppb

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 14:03:08 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-234.32	-221.15	-291.62	-249.03		ppb
Potassium	39-2	-1.17	0.50	0.67	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.08	0.15	-0.08	0.00	N/A	ppb
Selenium	78-2	-0.02	0.13	-0.10	0.00	N/A	ppb
Selenium	82-1	0.10	0.06	-0.16	0.00	N/A	ppb
Silicon	28-1	-0.10	0.08	0.02	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.29	0.67	-0.39	0.00	N/A	ppb
Strontium	86-1	0.00	0.02	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-2096.36	-1749.50	-834.71	-1560.19		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	-0.09	-0.07	0.16	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:03:08	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.05	0.00	0.06	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	N/A	ppb

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 14:06:44 DataFile Name : 004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.94	19.13	17.15	18.40	5.91	ppb
Antimony	121-1	2.04	2.02	1.96	2.01	2.21	ppb
Arsenic	75-2	1.08	1.01	0.93	1.01	7.60	ppb
Barium	135-1	10.50	10.15	10.38	10.35	1.70	ppb
Barium	137-1	10.52	10.34	10.16	10.34	1.73	ppb
Beryllium	9-1	0.99	1.05	1.10	1.04	5.27	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	23.64	24.17	23.99	23.93	1.13	ppb
Boron	11-1	24.30	24.09	24.30	24.23	0.51	ppb
Cadmium	111-1	1.06	1.05	1.02	1.04	2.02	ppb
Cadmium	106-1	0.95	1.47	0.77	1.06	33.96	ppb
Cadmium	108-1	0.96	1.12	1.15	1.07	9.44	ppb
Calcium	43-1	512.07	499.17	481.40	497.54	3.09	ppb
Calcium	44-1	503.23	498.30	497.50	499.68	0.62	ppb
Chromium	52-2	2.00	2.06	1.99	2.02	2.05	ppb
Cobalt	59-2	1.04	1.01	0.96	1.01	4.12	ppb
Copper	63-2	2.11	2.04	1.92	2.02	4.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	56.42	55.94	53.57	55.31	2.76	ppb
Iron	57-2	56.42	55.93	54.10	55.48	2.20	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.96	0.95	0.95	1.11	ppb
Lead	207-1	0.96	0.97	0.95	0.96	0.92	ppb
Lead	208-1	0.97	0.97	0.95	0.96	1.08	ppb
Lithium	6-1				98		%
Magnesium	24-2	532.17	529.34	512.13	524.55	2.07	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:06:44	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.02	1.01	1.01	1.01	0.53	ppb
Molybdenum	94-1	4.70	4.81	4.50	4.67	3.39	ppb
Molybdenum	95-1	4.84	5.01	4.92	4.92	1.74	ppb
Molybdenum	96-1	5.01	5.08	4.91	5.00	1.74	ppb
Molybdenum	97-1	4.99	4.87	5.04	4.97	1.75	ppb
Molybdenum	98-1	5.06	4.99	4.92	4.99	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.11	1.01	1.06	4.47	ppb
Phosphorus	31-2	185.29	297.63	264.16	249.03	23.16	ppb
Potassium	39-2	492.98	502.84	495.73	497.18	1.02	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	6.22	6.64	6.55	6.47	3.45	ppb
Selenium	78-2	4.93	6.22	6.58	5.91	14.67	ppb
Selenium	82-1	5.83	5.83	6.08	5.91	2.45	ppb
Silicon	28-1	7.37	7.40	7.07	7.28	2.54	ppb
Silver	109-1	0.72	0.72	0.73	0.72	0.79	ppb
Silver	107-1	0.73	0.74	0.73	0.73	0.83	ppb
Sodium	23-2	511.04	511.59	501.00	507.88	1.17	ppb
Strontium	86-1	1.11	1.06	1.08	1.08	2.57	ppb
Strontium	88-1	1.04	1.07	1.02	1.04	2.17	ppb
Sulfur	34-1	797.96	1854.96	2027.65	1560.19	42.67	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.98	0.95	1.01	0.98	2.93	ppb
Thallium	205-1	0.98	0.95	0.98	0.97	1.46	ppb
Thorium	232-1	91.95	90.21	87.93	90.03	2.24	ppb
Tin	118-1	5.15	5.07	5.04	5.09	1.11	ppb
Titanium	47-1	5.20	5.33	5.02	5.19	2.98	ppb
Uranium	238-1	0.93	0.93	0.93	0.93	0.49	ppb
Vanadium	51-2	5.31	5.23	4.93	5.16	3.91	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:06:44	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.89	2.15	2.11	2.05	6.71	ppb
Zirconium	90-1	0.81	0.80	0.81	0.81	0.58	ppb
Zirconium	91-1	0.87	0.81	0.80	0.83	4.12	ppb

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 14:11:31 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1023.75	1052.79	1069.55	1048.70	2.21	ppb
Antimony	121-1	50.42	50.39	50.37	50.39	0.04	ppb
Arsenic	75-2	51.73	52.24	52.87	52.28	1.09	ppb
Barium	135-1	256.73	257.62	253.92	256.09	0.75	ppb
Barium	137-1	251.43	255.34	255.12	253.97	0.86	ppb
Beryllium	9-1	51.69	51.49	51.96	51.71	0.46	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	48.80	48.82	50.76	49.46	2.27	ppb
Boron	11-1	49.34	49.97	50.19	49.83	0.89	ppb
Cadmium	111-1	53.43	52.79	52.87	53.03	0.65	ppb
Cadmium	106-1	50.12	51.99	54.74	52.28	4.45	ppb
Cadmium	108-1	52.60	52.67	50.83	52.03	2.01	ppb
Calcium	43-1	4966.41	5048.97	5048.28	5021.22	0.95	ppb
Calcium	44-1	5003.47	5045.47	5053.28	5034.07	0.53	ppb
Chromium	52-2	49.74	50.39	52.11	50.75	2.42	ppb
Cobalt	59-2	50.80	51.16	53.17	51.71	2.48	ppb
Copper	63-2	101.20	101.78	105.05	102.68	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	2660.61	2658.93	2765.81	2695.12	2.27	ppb
Iron	57-2	2660.59	2660.17	2765.94	2695.56	2.26	ppb
Krypton	83-1						cps
Lead	206-1	48.53	49.27	48.42	48.74	0.95	ppb
Lead	207-1	48.45	49.27	48.53	48.75	0.93	ppb
Lead	208-1	48.69	49.14	48.81	48.88	0.47	ppb
Lithium	6-1				98		%
Magnesium	24-2	5174.16	5256.53	5418.48	5283.06	2.35	ppb

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 14:11:31 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.72	100.89	104.44	101.68	2.42	ppb
Molybdenum	94-1	246.63	248.87	247.98	247.83	0.45	ppb
Molybdenum	95-1	247.59	248.78	249.98	248.78	0.48	ppb
Molybdenum	96-1	246.70	246.96	245.66	246.44	0.28	ppb
Molybdenum	97-1	246.00	246.57	246.23	246.27	0.12	ppb
Molybdenum	98-1	244.05	246.76	244.78	245.19	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.78	52.86	54.52	53.05	2.61	ppb
Phosphorus	31-2	640.22	850.34	891.44	794.00	16.97	ppb
Potassium	39-2	2448.45	2457.15	2552.37	2485.99	2.32	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	77-2	52.06	52.50	53.18	52.58	1.08	ppb
Selenium	78-2	53.99	53.41	55.65	54.35	2.14	ppb
Selenium	82-1	55.28	55.77	55.74	55.60	0.49	ppb
Silicon	28-1	54.92	55.41	55.94	55.42	0.92	ppb
Silver	109-1	52.64	52.44	52.24	52.44	0.38	ppb
Silver	107-1	52.39	52.71	52.86	52.66	0.46	ppb
Sodium	23-2	5201.89	5205.33	5425.25	5277.49	2.42	ppb
Strontium	86-1	50.50	51.69	51.30	51.16	1.19	ppb
Strontium	88-1	50.36	50.39	50.19	50.31	0.21	ppb
Sulfur	34-1	1945.19	2242.50	1640.60	1942.76	15.49	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	48.68	48.52	48.45	48.55	0.24	ppb
Thallium	205-1	48.12	48.39	48.45	48.32	0.37	ppb
Thorium	232-1	26.20	26.80	25.90	26.30	1.75	ppb
Tin	118-1	50.89	50.46	49.95	50.43	0.94	ppb
Titanium	47-1	251.93	252.63	252.29	252.28	0.14	ppb
Uranium	238-1	47.36	47.00	46.76	47.04	0.64	ppb
Vanadium	51-2	48.81	49.25	51.32	49.80	2.69	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:11:31	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	101.46	100.79	104.19	102.14	1.76	ppb
Zirconium	90-1	49.15	48.89	49.34	49.12	0.46	ppb
Zirconium	91-1	48.88	49.42	49.27	49.19	0.57	ppb

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 14:15:41 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2620.36	2559.09	2591.30	2590.25	1.18	ppb
Antimony	121-1	126.72	128.78	128.14	127.88	0.82	ppb
Arsenic	75-2	129.82	127.91	127.02	128.25	1.11	ppb
Barium	135-1	628.77	640.74	639.91	636.47	1.05	ppb
Barium	137-1	625.36	633.61	637.15	632.04	0.96	ppb
Beryllium	9-1	129.57	128.69	128.99	129.08	0.35	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	123.43	125.57	128.14	125.71	1.88	ppb
Boron	11-1	124.10	125.07	126.70	125.29	1.05	ppb
Cadmium	111-1	131.27	131.46	131.08	131.27	0.15	ppb
Cadmium	106-1	130.93	129.70	129.81	130.15	0.52	ppb
Cadmium	108-1	131.15	130.57	131.95	131.23	0.53	ppb
Calcium	43-1	12642.83	12678.68	12681.44	12667.65	0.17	ppb
Calcium	44-1	12543.99	12608.46	12621.63	12591.36	0.33	ppb
Chromium	52-2	128.25	125.14	123.38	125.59	1.96	ppb
Cobalt	59-2	130.60	128.47	126.49	128.52	1.60	ppb
Copper	63-2	255.91	250.66	248.01	251.53	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	6845.13	6751.72	6636.64	6744.50	1.55	ppb
Iron	57-2	6840.72	6753.65	6638.18	6744.18	1.51	ppb
Krypton	83-1						cps
Lead	206-1	121.15	122.16	122.98	122.09	0.75	ppb
Lead	207-1	121.96	121.81	124.06	122.61	1.03	ppb
Lead	208-1	122.22	122.27	122.95	122.48	0.33	ppb
Lithium	6-1				96		%
Magnesium	24-2	13204.81	12943.46	12914.98	13021.08	1.23	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:15:41	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	255.41	252.14	249.15	252.23	1.24	ppb
Molybdenum	94-1	617.82	625.82	622.80	622.15	0.65	ppb
Molybdenum	95-1	614.17	620.53	616.49	617.06	0.52	ppb
Molybdenum	96-1	620.50	621.34	620.00	620.61	0.11	ppb
Molybdenum	97-1	621.76	620.22	621.75	621.24	0.14	ppb
Molybdenum	98-1	619.74	624.35	618.02	620.70	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.64	129.74	128.89	130.76	1.94	ppb
Phosphorus	31-2	2506.07	2356.78	2019.37	2294.07	10.87	ppb
Potassium	39-2	6223.49	6132.48	6010.18	6122.05	1.75	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	77-2	135.74	139.16	134.59	136.49	1.74	ppb
Selenium	78-2	134.04	134.01	130.32	132.79	1.61	ppb
Selenium	82-1	135.72	137.98	135.64	136.45	0.97	ppb
Silicon	28-1	137.75	140.45	142.20	140.13	1.60	ppb
Silver	109-1	128.84	129.30	128.06	128.73	0.49	ppb
Silver	107-1	129.53	130.30	129.36	129.73	0.39	ppb
Sodium	23-2	13308.27	13110.16	12999.55	13139.33	1.19	ppb
Strontium	86-1	126.76	126.46	127.75	126.99	0.53	ppb
Strontium	88-1	123.66	124.44	124.88	124.33	0.50	ppb
Sulfur	34-1	2336.56	2369.81	2134.52	2280.30	5.58	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	120.87	123.33	122.47	122.23	1.02	ppb
Thallium	205-1	119.79	120.73	121.73	120.75	0.80	ppb
Thorium	232-1	64.14	63.99	65.50	64.54	1.29	ppb
Tin	118-1	126.67	127.47	127.70	127.28	0.42	ppb
Titanium	47-1	625.26	631.62	631.77	629.55	0.59	ppb
Uranium	238-1	118.43	119.51	118.89	118.95	0.46	ppb
Vanadium	51-2	126.11	123.76	122.30	124.06	1.55	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:15:41	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	252.95	247.49	247.07	249.17	1.32	ppb
Zirconium	90-1	124.41	124.80	124.09	124.44	0.29	ppb
Zirconium	91-1	125.72	125.04	124.04	124.93	0.67	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:19:32	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5123.64	5093.83	5161.45	5126.31	0.66	ppb
Antimony	121-1	251.71	252.57	243.46	249.25	2.02	ppb
Arsenic	75-2	252.68	252.19	252.57	252.48	0.10	ppb
Barium	135-1	1255.76	1258.12	1204.18	1239.36	2.46	ppb
Barium	137-1	1252.10	1261.45	1216.38	1243.31	1.91	ppb
Beryllium	9-1	255.55	257.08	249.87	254.17	1.50	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	251.44	248.82	251.43	250.56	0.60	ppb
Boron	11-1	242.77	251.19	246.64	246.87	1.71	ppb
Cadmium	111-1	256.71	258.73	250.49	255.31	1.68	ppb
Cadmium	106-1	251.84	256.71	249.10	252.55	1.53	ppb
Cadmium	108-1	252.57	255.92	247.14	251.88	1.76	ppb
Calcium	43-1	25172.28	24983.67	24653.35	24936.44	1.05	ppb
Calcium	44-1	25128.87	25104.73	24554.55	24929.38	1.30	ppb
Chromium	52-2	247.76	248.87	251.07	249.24	0.68	ppb
Cobalt	59-2	251.53	252.53	253.12	252.39	0.32	ppb
Copper	63-2	495.64	494.91	499.73	496.76	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	56-2	13401.81	13257.20	13295.10	13318.03	0.56	ppb
Iron	57-2	13402.32	13245.78	13299.15	13315.75	0.60	ppb
Krypton	83-1						cps
Lead	206-1	243.03	243.36	237.18	241.19	1.44	ppb
Lead	207-1	243.99	245.36	237.29	242.22	1.78	ppb
Lead	208-1	244.59	246.02	238.40	243.00	1.67	ppb
Lithium	6-1				92		%
Magnesium	24-2	25822.80	25755.64	25966.22	25848.22	0.42	ppb

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 14:19:32 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	501.35	497.53	499.94	499.61	0.39	ppb
Molybdenum	94-1	1244.58	1238.05	1206.00	1229.54	1.68	ppb
Molybdenum	95-1	1239.75	1241.97	1203.78	1228.50	1.75	ppb
Molybdenum	96-1	1238.39	1233.87	1204.29	1225.51	1.51	ppb
Molybdenum	97-1	1229.85	1230.54	1203.59	1221.33	1.26	ppb
Molybdenum	98-1	1226.37	1230.54	1208.65	1221.85	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	253.96	256.09	258.10	256.05	0.81	ppb
Phosphorus	31-2	4643.53	4896.58	5162.54	4900.88	5.30	ppb
Potassium	39-2	12208.29	12115.79	12203.81	12175.96	0.43	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	77-2	261.27	270.99	271.20	267.82	2.12	ppb
Selenium	78-2	256.77	256.60	254.14	255.84	0.58	ppb
Selenium	82-1	263.96	267.69	256.05	262.57	2.26	ppb
Silicon	28-1	276.67	280.17	276.30	277.71	0.77	ppb
Silver	109-1	250.51	254.58	240.55	248.55	2.90	ppb
Silver	107-1	253.01	253.86	246.53	251.13	1.60	ppb
Sodium	23-2	26100.89	26007.24	26069.50	26059.21	0.18	ppb
Strontium	86-1	250.89	252.98	246.70	250.19	1.28	ppb
Strontium	88-1	248.84	250.77	242.53	247.38	1.74	ppb
Sulfur	34-1	3754.24	4840.36	3207.57	3934.06	21.13	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	244.21	243.52	236.72	241.48	1.71	ppb
Thallium	205-1	244.20	242.73	238.25	241.73	1.28	ppb
Thorium	232-1	129.53	128.61	123.76	127.30	2.44	ppb
Tin	118-1	250.92	253.58	241.81	248.77	2.48	ppb
Titanium	47-1	1260.70	1249.17	1230.30	1246.73	1.23	ppb
Uranium	238-1	240.67	241.04	237.48	239.73	0.82	ppb
Vanadium	51-2	245.74	245.99	245.95	245.89	0.06	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:19:32	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	486.35	492.63	489.27	489.42	0.64	ppb
Zirconium	90-1	248.80	248.62	240.34	245.92	1.97	ppb
Zirconium	91-1	248.41	247.37	240.08	245.29	1.85	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:23:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10325.78	10286.39	10059.50	10223.89	1.41	ppb
Antimony	121-1	497.84	501.25	501.98	500.36	0.44	ppb
Arsenic	75-2	492.26	489.63	491.86	491.25	0.29	ppb
Barium	135-1	2483.32	2485.74	2492.39	2487.15	0.19	ppb
Barium	137-1	2471.81	2478.82	2503.37	2484.66	0.67	ppb
Beryllium	9-1	497.95	502.94	503.70	501.53	0.62	ppb
Bismuth	209-1				87		%
Bismuth	209-2				85		%
Boron	10-1	487.51	499.89	501.61	496.34	1.55	ppb
Boron	11-1	492.85	501.65	505.75	500.08	1.32	ppb
Cadmium	111-1	493.51	491.83	495.03	493.46	0.32	ppb
Cadmium	106-1	494.56	497.68	499.05	497.10	0.46	ppb
Cadmium	108-1	493.31	497.58	495.99	495.63	0.44	ppb
Calcium	43-1	49960.01	49529.02	50152.28	49880.44	0.64	ppb
Calcium	44-1	49945.50	49731.86	50209.84	49962.40	0.48	ppb
Chromium	52-2	496.29	492.93	488.90	492.71	0.75	ppb
Cobalt	59-2	499.61	492.80	493.16	495.19	0.77	ppb
Copper	63-2	957.72	948.42	947.18	951.10	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				91		%
Indium	115-1				87		%
Indium	115-2				90		%
Iron	56-2	26726.90	26273.57	26142.57	26381.01	1.16	ppb
Iron	57-2	26696.25	26247.49	26133.02	26358.92	1.13	ppb
Krypton	83-1						cps
Lead	206-1	495.11	495.97	495.56	495.55	0.09	ppb
Lead	207-1	493.68	501.16	495.65	496.83	0.78	ppb
Lead	208-1	493.39	498.15	493.47	495.01	0.55	ppb
Lithium	6-1				88		%
Magnesium	24-2	52026.45	51244.94	51095.68	51455.69	0.97	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:23:20	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.55	988.51	988.97	990.01	0.22	ppb
Molybdenum	94-1	2500.15	2474.20	2459.66	2478.00	0.83	ppb
Molybdenum	95-1	2500.49	2473.89	2473.34	2482.57	0.63	ppb
Molybdenum	96-1	2485.59	2468.86	2464.59	2473.01	0.45	ppb
Molybdenum	97-1	2473.73	2461.17	2476.09	2470.33	0.32	ppb
Molybdenum	98-1	2489.16	2463.80	2485.22	2479.39	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.31	502.49	496.63	501.47	0.88	ppb
Phosphorus	31-2	9535.84	8693.43	9312.66	9180.64	4.75	ppb
Potassium	39-2	24530.34	24355.02	24095.22	24326.86	0.90	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	77-2	504.64	488.75	496.68	496.69	1.60	ppb
Selenium	78-2	488.95	493.38	493.27	491.87	0.51	ppb
Selenium	82-1	506.26	500.56	507.15	504.66	0.71	ppb
Silicon	28-1	547.23	548.41	555.99	550.54	0.86	ppb
Silver	109-1	494.24	491.08	498.85	494.72	0.79	ppb
Silver	107-1	495.97	496.29	494.81	495.69	0.16	ppb
Sodium	23-2	52420.21	51571.58	51515.39	51835.73	0.98	ppb
Strontium	86-1	502.74	503.19	498.47	501.47	0.52	ppb
Strontium	88-1	501.07	500.58	497.00	499.55	0.44	ppb
Sulfur	34-1	9706.48	8453.26	9541.07	9233.60	7.37	ppb
Terbium	159-1				91		%
Terbium	159-2				92		%
Thallium	203-1	493.36	495.77	496.29	495.14	0.32	ppb
Thallium	205-1	490.99	496.41	494.05	493.82	0.55	ppb
Thorium	232-1	261.26	263.94	264.85	263.35	0.71	ppb
Tin	118-1	498.42	497.40	501.14	498.99	0.39	ppb
Titanium	47-1	2501.79	2496.41	2496.45	2498.22	0.12	ppb
Uranium	238-1	489.66	492.93	493.60	492.06	0.43	ppb
Vanadium	51-2	494.17	491.02	485.97	490.39	0.84	ppb
Yttrium	89-1				89		%
Yttrium	89-2				91		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:23:20	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	937.11	929.69	922.74	929.85	0.77	ppb
Zirconium	90-1	497.60	492.33	494.82	494.92	0.53	ppb
Zirconium	91-1	496.26	493.70	491.88	493.95	0.44	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:27:07	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20255.41	22123.01	20448.86	20942.43	4.90	ppb
Antimony	121-1	1003.51	1001.88	993.49	999.63	0.54	ppb
Arsenic	75-2	968.61	1058.88	982.21	1003.23	4.85	ppb
Barium	135-1	5036.73	5009.95	4975.36	5007.35	0.61	ppb
Barium	137-1	5048.61	5015.69	4960.48	5008.26	0.89	ppb
Beryllium	9-1	1012.14	987.23	993.41	997.60	1.30	ppb
Bismuth	209-1				86		%
Bismuth	209-2				81		%
Boron	10-1	995.86	996.90	1012.21	1001.66	0.91	ppb
Boron	11-1	991.92	999.37	1010.91	1000.73	0.96	ppb
Cadmium	111-1	1006.26	996.09	1000.67	1001.01	0.51	ppb
Cadmium	106-1	1004.30	1002.32	993.56	1000.06	0.57	ppb
Cadmium	108-1	1013.48	997.39	991.64	1000.84	1.13	ppb
Calcium	43-1	99523.68	99921.46	99592.94	99679.36	0.21	ppb
Calcium	44-1	100134.10	99505.92	99273.41	99637.81	0.45	ppb
Chromium	52-2	965.92	1057.33	987.93	1003.73	4.75	ppb
Cobalt	59-2	970.10	1056.11	977.62	1001.28	4.76	ppb
Copper	63-2	1964.01	2133.83	1976.96	2024.93	4.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				89		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	51804.74	56762.23	52643.13	53736.70	4.94	ppb
Iron	57-2	51709.58	56622.08	52566.22	53632.62	4.89	ppb
Krypton	83-1						cps
Lead	206-1	1009.93	1016.93	987.71	1004.86	1.52	ppb
Lead	207-1	1013.64	1007.82	990.21	1003.89	1.21	ppb
Lead	208-1	1011.76	1010.13	991.96	1004.62	1.09	ppb
Lithium	6-1				88		%
Magnesium	24-2	101482.25	110754.03	103150.69	105128.99	4.70	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:27:07	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1931.07	2112.85	1970.27	2004.73	4.77	ppb
Molybdenum	94-1	5015.38	4988.16	5046.20	5016.58	0.58	ppb
Molybdenum	95-1	5034.11	4991.39	5019.92	5015.14	0.43	ppb
Molybdenum	96-1	5065.83	4983.37	5011.82	5020.34	0.83	ppb
Molybdenum	97-1	5040.14	5039.60	4988.24	5022.66	0.59	ppb
Molybdenum	98-1	5037.88	5019.82	4996.65	5018.12	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	965.17	1050.95	974.51	996.88	4.72	ppb
Phosphorus	31-2	19638.75	21575.82	20196.93	20470.50	4.87	ppb
Potassium	39-2	48269.12	52835.76	49387.19	50164.02	4.75	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	982.36	1024.17	980.36	995.63	2.48	ppb
Selenium	78-2	966.91	1056.37	980.95	1001.41	4.80	ppb
Selenium	82-1	998.65	992.37	987.42	992.81	0.57	ppb
Silicon	28-1	967.10	967.59	962.31	965.66	0.30	ppb
Silver	109-1	1013.42	994.08	999.74	1002.41	0.99	ppb
Silver	107-1	1007.74	998.96	996.74	1001.15	0.58	ppb
Sodium	23-2	102630.16	112577.98	104055.60	106421.25	5.05	ppb
Strontium	86-1	1003.07	1001.97	991.69	998.91	0.63	ppb
Strontium	88-1	1000.67	1001.96	1000.22	1000.95	0.09	ppb
Sulfur	34-1	22467.06	20112.47	19310.50	20630.01	7.95	ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	1009.79	1011.99	993.15	1004.98	1.03	ppb
Thallium	205-1	1009.69	1011.43	996.20	1005.77	0.83	ppb
Thorium	232-1	1164.02	1154.27	1154.67	1157.65	0.48	ppb
Tin	118-1	1001.94	998.19	1001.39	1000.51	0.20	ppb
Titanium	47-1	5027.96	5005.05	4970.07	5001.03	0.58	ppb
Uranium	238-1	1016.89	1009.42	996.01	1007.44	1.05	ppb
Vanadium	51-2	969.52	1063.82	984.54	1005.96	5.04	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:27:07	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1950.83	2150.20	2012.13	2037.72	5.01	ppb
Zirconium	90-1	1005.30	1003.78	1001.95	1003.68	0.17	ppb
Zirconium	91-1	1005.95	997.24	1009.57	1004.25	0.63	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:30:56	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98677.25	99779.29	100883.67	99780.07	1.11	ppb
Antimony	121-1	1.05	1.14	1.26	1.15	9.40	ppb
Arsenic	75-2	0.42	0.42	0.45	0.43	4.08	ppb
Barium	135-1	1.12	1.11	1.06	1.10	2.95	ppb
Barium	137-1	1.19	1.22	1.10	1.17	5.44	ppb
Beryllium	9-1	0.15	0.21	0.15	0.17	20.07	ppb
Bismuth	209-1				72		%
Bismuth	209-2				71		%
Boron	10-1	24.95	22.69	21.66	23.10	7.29	ppb
Boron	11-1	26.60	23.81	20.49	23.63	12.93	ppb
Cadmium	111-1	0.29	0.33	0.35	0.32	9.67	ppb
Cadmium	106-1	1.04	1.36	1.91	1.44	30.76	ppb
Cadmium	108-1	0.32	0.36	0.34	0.34	6.82	ppb
Calcium	43-1	498683.58	502747.10	498793.91	500074.86	0.46	ppb
Calcium	44-1	500346.99	503258.00	496626.32	500077.10	0.66	ppb
Chromium	52-2	26.03	25.97	25.83	25.94	0.40	ppb
Cobalt	59-2	1.76	1.79	1.80	1.78	1.00	ppb
Copper	63-2	2.97	2.98	2.85	2.93	2.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				86		%
Indium	115-1				82		%
Indium	115-2				88		%
Iron	56-2	249577.87	247940.41	249659.74	249059.34	0.39	ppb
Iron	57-2	249571.46	248240.27	249435.73	249082.48	0.29	ppb
Krypton	83-1						cps
Lead	206-1	4.02	3.98	4.00	4.00	0.57	ppb
Lead	207-1	4.13	4.06	4.09	4.09	0.85	ppb
Lead	208-1	4.02	4.02	4.06	4.03	0.51	ppb
Lithium	6-1				87		%
Magnesium	24-2	498248.51	498452.90	499609.61	498770.34	0.15	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:30:56	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.91	6.75	6.91	6.86	1.42	ppb
Molybdenum	94-1	3.75	3.80	3.88	3.81	1.73	ppb
Molybdenum	95-1	4.84	4.79	4.77	4.80	0.74	ppb
Molybdenum	96-1	5.43	5.19	5.40	5.34	2.41	ppb
Molybdenum	97-1	4.75	4.65	4.64	4.68	1.35	ppb
Molybdenum	98-1	4.60	4.68	4.61	4.63	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.41	18.40	18.23	18.35	0.56	ppb
Phosphorus	31-2	-155.86	-149.64	-220.10	-175.20		ppb
Potassium	39-2	249842.89	248501.26	251818.02	250054.06	0.67	ppb
Rhodium	103-1				77		%
Rhodium	103-2				79		%
Scandium	45-1				90		%
Scandium	45-2				98		%
Selenium	77-2	0.87	1.09	0.39	0.78	45.79	ppb
Selenium	78-2	0.26	0.74	0.28	0.42	64.35	ppb
Selenium	82-1	0.27	0.06	0.37	0.24	65.85	ppb
Silicon	28-1	74.60	77.13	76.70	76.14	1.78	ppb
Silver	109-1	0.15	0.15	0.16	0.16	3.83	ppb
Silver	107-1	0.18	0.16	0.15	0.16	8.28	ppb
Sodium	23-2	496897.53	497409.68	501074.15	498460.45	0.46	ppb
Strontium	86-1	4.30	4.27	4.23	4.27	0.90	ppb
Strontium	88-1	4.25	4.21	4.25	4.24	0.51	ppb
Sulfur	34-1	-2047.42	-2169.23	-1037.25	-1751.30		ppb
Terbium	159-1				85		%
Terbium	159-2				88		%
Thallium	203-1	0.26	0.26	0.28	0.26	4.66	ppb
Thallium	205-1	0.26	0.26	0.23	0.25	6.05	ppb
Thorium	232-1	2.54	1.95	2.08	2.19	14.10	ppb
Tin	118-1	0.66	0.71	0.68	0.68	3.27	ppb
Titanium	47-1	1.50	1.58	1.30	1.46	9.81	ppb
Uranium	238-1	0.14	0.14	0.14	0.14	0.58	ppb
Vanadium	51-2	0.29	0.31	0.30	0.30	2.61	ppb
Yttrium	89-1				89		%
Yttrium	89-2				96		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:30:56	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	22.33	22.36	21.87	22.19	1.23	ppb
Zirconium	90-1	0.27	0.28	0.28	0.28	2.85	ppb
Zirconium	91-1	0.24	0.25	0.25	0.25	2.74	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:40:56	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	495.23	502.95	499.26	499.15	0.77	ppb
Antimony	121-1	201.31	199.58	199.84	200.24	0.47	ppb
Arsenic	75-2	207.34	204.77	207.62	206.58	0.76	ppb
Barium	135-1	100.50	99.91	100.61	100.34	0.38	ppb
Barium	137-1	100.27	100.72	100.25	100.41	0.27	ppb
Beryllium	9-1	97.10	96.88	96.57	96.85	0.28	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	480.89	501.51	504.61	495.67	2.60	ppb
Boron	11-1	485.66	502.88	498.05	495.53	1.79	ppb
Cadmium	111-1	107.98	109.42	109.06	108.82	0.69	ppb
Cadmium	106-1	194.26	198.68	195.07	196.00	1.20	ppb
Cadmium	108-1	173.56	172.79	173.44	173.26	0.24	ppb
Calcium	43-1	2220.92	2227.40	2219.52	2222.61	0.19	ppb
Calcium	44-1	2120.31	2111.22	2127.17	2119.57	0.38	ppb
Chromium	52-2	94.79	95.23	94.28	94.77	0.50	ppb
Cobalt	59-2	98.36	99.20	98.29	98.62	0.51	ppb
Copper	63-2	96.73	96.52	96.09	96.45	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	1090.21	1097.31	1084.95	1090.82	0.57	ppb
Iron	57-2	1094.39	1104.26	1090.93	1096.53	0.63	ppb
Krypton	83-1						cps
Lead	206-1	206.47	213.00	210.67	210.05	1.58	ppb
Lead	207-1	206.94	212.11	210.41	209.82	1.26	ppb
Lead	208-1	210.20	213.19	211.70	211.70	0.71	ppb
Lithium	6-1				103		%
Magnesium	24-2	1236.35	1244.23	1218.58	1233.05	1.07	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:40:56	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.42	95.99	94.99	95.47	0.53	ppb
Molybdenum	94-1	2442.56	2452.85	2443.50	2446.30	0.23	ppb
Molybdenum	95-1	2479.61	2486.37	2494.29	2486.76	0.30	ppb
Molybdenum	96-1	2455.54	2468.51	2485.18	2469.74	0.60	ppb
Molybdenum	97-1	2450.27	2479.06	2488.01	2472.44	0.80	ppb
Molybdenum	98-1	2475.37	2488.95	2486.62	2483.65	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.28	100.57	100.38	100.08	0.69	ppb
Phosphorus	31-2	-201.54	-314.03	-190.99	-235.52		ppb
Potassium	39-2	1933.11	1971.74	1930.89	1945.25	1.18	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	211.93	224.70	217.40	218.01	2.94	ppb
Selenium	78-2	209.35	212.09	216.65	212.69	1.73	ppb
Selenium	82-1	213.85	213.68	215.60	214.38	0.49	ppb
Silicon	28-1	335.91	340.08	340.89	338.96	0.79	ppb
Silver	109-1	101.23	102.05	102.96	102.08	0.85	ppb
Silver	107-1	103.93	103.49	103.92	103.78	0.24	ppb
Sodium	23-2	1997.50	2017.57	1999.97	2005.01	0.55	ppb
Strontium	86-1	487.70	493.30	493.36	491.45	0.66	ppb
Strontium	88-1	490.51	494.61	487.99	491.04	0.68	ppb
Sulfur	34-1	-4810.47	-5001.61	-6886.32	-5566.13		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	210.73	214.92	213.75	213.13	1.01	ppb
Thallium	205-1	216.58	219.30	218.63	218.17	0.65	ppb
Thorium	232-1	1.17	1.07	1.04	1.09	6.33	ppb
Tin	118-1	487.74	488.84	486.34	487.64	0.26	ppb
Titanium	47-1	2505.21	2513.30	2493.23	2503.91	0.40	ppb
Uranium	238-1	501.87	502.89	497.20	500.65	0.61	ppb
Vanadium	51-2	95.10	94.85	93.56	94.50	0.87	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:40:56	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	196.41	194.93	192.81	194.72	0.93	ppb
Zirconium	90-1	473.49	473.39	479.34	475.41	0.72	ppb
Zirconium	91-1	464.91	470.06	474.77	469.91	1.05	ppb

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 14:48:47 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	0.26	0.21	0.23	12.88	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	4.09	ppb
Arsenic	75-2	0.05	-0.01	0.00	0.01	294.77	ppb
Barium	135-1	0.01	0.00	0.01	0.01	72.56	ppb
Barium	137-1	0.01	0.01	0.01	0.01	44.76	ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	38.46	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	4.52	4.96	4.46	4.65	5.91	ppb
Boron	11-1	4.99	4.81	4.75	4.85	2.55	ppb
Cadmium	111-1	0.03	0.00	0.00	0.01	154.77	ppb
Cadmium	106-1	0.30	-0.11	-0.16	0.01	3193.19	ppb
Cadmium	108-1	0.01	0.00	0.03	0.01	138.08	ppb
Calcium	43-1	2.89	2.75	2.66	2.77	4.29	ppb
Calcium	44-1	3.88	3.13	3.10	3.37	13.11	ppb
Chromium	52-2	-0.03	-0.01	-0.03	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.00	-0.01	-0.01	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	0.95	0.92	1.03	0.97	5.97	ppb
Iron	57-2	0.95	0.94	1.18	1.02	13.39	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.04	0.04	20.37	ppb
Lead	207-1	0.03	0.04	0.04	0.04	9.82	ppb
Lead	208-1	0.03	0.03	0.03	0.03	7.49	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.79	1.73	1.96	1.83	6.40	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:48:47	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.03	-0.02	-0.02		ppb
Molybdenum	94-1	0.15	0.15	0.16	0.15	3.86	ppb
Molybdenum	95-1	0.19	0.19	0.21	0.20	5.63	ppb
Molybdenum	96-1	0.18	0.21	0.19	0.19	6.69	ppb
Molybdenum	97-1	0.15	0.20	0.22	0.19	19.29	ppb
Molybdenum	98-1	0.20	0.19	0.19	0.19	2.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-271.07	-214.56	-203.40	-229.68		ppb
Potassium	39-2	10.81	12.43	11.13	11.45	7.47	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	-0.08	-0.08	0.15	0.00		ppb
Selenium	78-2	-0.05	0.40	0.39	0.25	104.41	ppb
Selenium	82-1	0.16	-0.12	0.13	0.06	278.96	ppb
Silicon	28-1	1.22	1.05	1.17	1.15	7.79	ppb
Silver	109-1	0.00	0.01	0.01	0.01	52.35	ppb
Silver	107-1	0.01	0.00	0.01	0.00	116.56	ppb
Sodium	23-2	12.72	12.81	13.23	12.92	2.10	ppb
Strontium	86-1	0.02	0.03	0.03	0.03	14.67	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	7.53	ppb
Sulfur	34-1	-2837.75	-2347.17	-2590.19	-2591.70		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.03	0.04	0.04	19.01	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.34	ppb
Thorium	232-1	0.14	-0.24	0.62	0.17	248.97	ppb
Tin	118-1	0.09	0.10	0.12	0.10	14.06	ppb
Titanium	47-1	0.09	0.07	0.09	0.08	13.12	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.09	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	64.54	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:48:47	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	-0.03	-0.05	-0.04		ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	28.15	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	46.84	ppb

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 14:52:25 DataFile Name : 013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89084.51	88653.13	88398.13	88711.92	0.39	ppb
Antimony	121-1	1.23	1.29	1.26	1.26	2.43	ppb
Arsenic	75-2	0.34	0.29	0.28	0.31	10.97	ppb
Barium	135-1	1.37	1.33	1.49	1.40	6.03	ppb
Barium	137-1	1.36	1.39	1.37	1.37	1.38	ppb
Beryllium	9-1	0.28	0.31	0.29	0.29	4.94	ppb
Bismuth	209-1				86		%
Bismuth	209-2				86		%
Boron	10-1	6.20	5.73	5.50	5.81	6.09	ppb
Boron	11-1	5.52	5.66	5.57	5.58	1.29	ppb
Cadmium	111-1	0.64	0.80	0.62	0.68	14.72	ppb
Cadmium	106-1	-0.34	0.74	-0.71	-0.11		ppb
Cadmium	108-1	17.19	16.97	15.81	16.66	4.45	ppb
Calcium	43-1	95647.13	95239.44	96334.97	95740.51	0.58	ppb
Calcium	44-1	95815.56	94827.88	96127.82	95590.42	0.71	ppb
Chromium	52-2	18.79	18.84	18.75	18.79	0.23	ppb
Cobalt	59-2	1.13	1.13	1.17	1.14	2.03	ppb
Copper	63-2	7.24	7.04	7.27	7.18	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	101629.73	100883.77	101387.13	101300.21	0.38	ppb
Iron	57-2	101307.57	100698.84	101092.36	101032.92	0.31	ppb
Krypton	83-1						cps
Lead	206-1	4.79	4.54	4.68	4.67	2.67	ppb
Lead	207-1	4.30	4.09	4.17	4.19	2.48	ppb
Lead	208-1	4.41	4.31	4.37	4.36	1.24	ppb
Lithium	6-1				97		%
Magnesium	24-2	99947.22	99015.29	99904.88	99622.46	0.53	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:52:25	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.47	7.41	7.59	7.49	1.24	ppb
Molybdenum	94-1	1296.34	1294.28	1291.26	1293.96	0.20	ppb
Molybdenum	95-1	1842.78	1838.32	1843.22	1841.44	0.15	ppb
Molybdenum	96-1	1779.16	1782.43	1769.00	1776.86	0.39	ppb
Molybdenum	97-1	1833.41	1829.41	1829.97	1830.93	0.12	ppb
Molybdenum	98-1	1823.80	1834.55	1837.61	1831.99	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.04	5.17	5.00	5.07	1.78	ppb
Phosphorus	31-2	924779.02	912465.92	914249.56	917164.83	0.73	ppb
Potassium	39-2	98032.15	97691.97	97440.71	97721.61	0.30	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	0.15	0.15	-0.08	0.07	174.64	ppb
Selenium	78-2	0.38	0.36	0.17	0.31	37.46	ppb
Selenium	82-1	-0.02	0.16	0.32	0.15	114.60	ppb
Silicon	28-1	16.56	16.62	16.47	16.55	0.47	ppb
Silver	109-1	0.04	0.05	0.06	0.05	24.06	ppb
Silver	107-1	0.04	0.04	0.04	0.04	2.07	ppb
Sodium	23-2	99156.22	98764.83	99853.14	99258.06	0.56	ppb
Strontium	86-1	34.07	34.15	34.32	34.18	0.38	ppb
Strontium	88-1	34.03	34.05	33.94	34.00	0.17	ppb
Sulfur	34-1	970678.05	976959.10	980452.35	976029.83	0.51	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.46	0.53	0.54	0.51	8.57	ppb
Thallium	205-1	0.43	0.51	0.52	0.48	10.08	ppb
Thorium	232-1	0.48	0.52	0.60	0.53	11.84	ppb
Tin	118-1	0.28	0.26	0.21	0.25	14.03	ppb
Titanium	47-1	1999.91	1986.36	1998.42	1994.89	0.37	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.05	ppb
Vanadium	51-2	0.17	0.14	0.16	0.16	11.34	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:52:25	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	9.59	9.46	9.35	9.47	1.26	ppb
Zirconium	90-1	0.05	0.07	0.11	0.08	36.76	ppb
Zirconium	91-1	0.08	0.04	0.12	0.08	48.35	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:56:03	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89101.63	89064.60	88539.55	88901.93	0.35	ppb
Antimony	121-1	21.06	20.68	21.08	20.94	1.09	ppb
Arsenic	75-2	19.78	19.69	20.01	19.83	0.82	ppb
Barium	135-1	21.55	21.24	21.66	21.48	1.01	ppb
Barium	137-1	21.47	21.21	21.63	21.44	0.97	ppb
Beryllium	9-1	19.92	19.87	19.75	19.85	0.45	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Boron	10-1	51.62	51.43	51.07	51.37	0.54	ppb
Boron	11-1	51.33	51.94	51.34	51.54	0.68	ppb
Cadmium	111-1	20.34	19.65	20.25	20.08	1.88	ppb
Cadmium	106-1	25.90	24.91	25.60	25.47	1.99	ppb
Cadmium	108-1	40.09	38.76	37.37	38.74	3.50	ppb
Calcium	43-1	95539.97	95611.63	95004.92	95385.51	0.35	ppb
Calcium	44-1	95213.69	94944.34	95132.25	95096.76	0.15	ppb
Chromium	52-2	37.58	37.90	37.91	37.80	0.50	ppb
Cobalt	59-2	20.36	20.21	20.18	20.25	0.48	ppb
Copper	63-2	25.57	25.57	25.69	25.61	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	100654.50	101156.11	101570.04	101126.88	0.45	ppb
Iron	57-2	100575.81	101153.67	101410.88	101046.79	0.42	ppb
Krypton	83-1						cps
Lead	206-1	24.11	24.56	24.59	24.42	1.10	ppb
Lead	207-1	23.34	23.61	23.20	23.38	0.90	ppb
Lead	208-1	23.47	23.88	23.68	23.68	0.87	ppb
Lithium	6-1				97		%
Magnesium	24-2	99649.71	99215.99	98836.46	99234.05	0.41	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:56:03	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.37	26.57	26.33	26.42	0.48	ppb
Molybdenum	94-1	1375.16	1409.87	1393.01	1392.68	1.25	ppb
Molybdenum	95-1	1882.63	1903.65	1888.69	1891.66	0.57	ppb
Molybdenum	96-1	1810.51	1846.21	1811.68	1822.80	1.11	ppb
Molybdenum	97-1	1864.27	1899.66	1858.89	1874.27	1.18	ppb
Molybdenum	98-1	1851.58	1891.76	1850.15	1864.49	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.80	23.82	23.89	23.84	0.19	ppb
Phosphorus	31-2	914802.29	920886.96	910934.32	915541.19	0.55	ppb
Potassium	39-2	97772.41	97127.74	97153.31	97351.16	0.37	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	17.04	19.92	19.40	18.79	8.17	ppb
Selenium	78-2	20.29	18.41	19.75	19.48	4.97	ppb
Selenium	82-1	19.16	19.65	19.63	19.48	1.42	ppb
Silicon	28-1	50.77	50.75	50.59	50.70	0.20	ppb
Silver	109-1	18.70	18.57	18.43	18.57	0.72	ppb
Silver	107-1	18.95	18.77	18.67	18.80	0.75	ppb
Sodium	23-2	99336.76	98983.38	99237.91	99186.02	0.18	ppb
Strontium	86-1	81.95	83.94	82.62	82.84	1.22	ppb
Strontium	88-1	81.48	82.12	81.39	81.66	0.48	ppb
Sulfur	34-1	976245.77	966285.90	970180.04	970903.90	0.52	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	19.92	20.39	19.83	20.05	1.49	ppb
Thallium	205-1	19.90	20.33	20.05	20.09	1.09	ppb
Thorium	232-1	0.56	0.59	0.75	0.63	16.11	ppb
Tin	118-1	46.64	46.47	46.91	46.67	0.47	ppb
Titanium	47-1	2033.31	2060.45	2047.53	2047.10	0.66	ppb
Uranium	238-1	48.00	48.88	47.65	48.18	1.32	ppb
Vanadium	51-2	19.26	19.28	19.18	19.24	0.26	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:56:03	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	26.63	26.37	26.48	26.49	0.48	ppb
Zirconium	90-1	47.06	47.45	47.09	47.20	0.46	ppb
Zirconium	91-1	46.58	47.50	47.40	47.16	1.06	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:59:41	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53028.82	53006.84	53429.06	53154.90	0.45	ppb
Antimony	121-1	501.83	496.00	498.91	498.92	0.58	ppb
Arsenic	75-2	476.03	478.08	480.03	478.05	0.42	ppb
Barium	135-1	2539.05	2548.73	2548.62	2545.47	0.22	ppb
Barium	137-1	2529.65	2550.94	2558.37	2546.32	0.59	ppb
Beryllium	9-1	494.22	494.63	492.57	493.81	0.22	ppb
Bismuth	209-1				79		%
Bismuth	209-2				80		%
Boron	10-1	495.87	511.63	509.76	505.75	1.70	ppb
Boron	11-1	497.52	507.59	502.14	502.42	1.00	ppb
Cadmium	111-1	510.86	513.02	510.70	511.53	0.25	ppb
Cadmium	106-1	519.61	526.04	517.79	521.15	0.83	ppb
Cadmium	108-1	517.93	506.67	518.08	514.23	1.27	ppb
Calcium	43-1	240851.04	243016.57	244557.84	242808.48	0.77	ppb
Calcium	44-1	239142.23	242818.92	244401.19	242120.78	1.11	ppb
Chromium	52-2	487.31	487.44	493.76	489.50	0.75	ppb
Cobalt	59-2	465.69	470.35	472.88	469.64	0.78	ppb
Copper	63-2	1014.12	1020.30	1017.06	1017.16	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				93		%
Indium	115-1				89		%
Indium	115-2				93		%
Iron	56-2	126307.80	126931.80	127213.42	126817.67	0.37	ppb
Iron	57-2	126431.67	127113.67	127519.85	127021.73	0.43	ppb
Krypton	83-1						cps
Lead	206-1	507.71	514.27	518.92	513.63	1.10	ppb
Lead	207-1	493.42	495.42	495.33	494.72	0.23	ppb
Lead	208-1	507.56	507.35	510.61	508.51	0.36	ppb
Lithium	6-1				92		%
Magnesium	24-2	250897.43	250567.64	251446.83	250970.63	0.18	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:59:41	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	950.26	954.60	955.71	953.52	0.30	ppb
Molybdenum	94-1	2466.77	2459.29	2478.22	2468.09	0.39	ppb
Molybdenum	95-1	2468.97	2458.76	2462.69	2463.48	0.21	ppb
Molybdenum	96-1	2475.22	2474.17	2451.44	2466.94	0.54	ppb
Molybdenum	97-1	2459.77	2462.79	2462.71	2461.76	0.07	ppb
Molybdenum	98-1	2446.06	2473.93	2470.48	2463.49	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.50	471.65	473.31	470.82	0.64	ppb
Phosphorus	31-2	9219.10	9247.02	9375.39	9280.50	0.90	ppb
Potassium	39-2	124219.73	124170.28	125463.33	124617.78	0.59	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	498.23	468.59	493.20	486.67	3.26	ppb
Selenium	78-2	485.67	486.05	490.12	487.28	0.51	ppb
Selenium	82-1	485.94	487.21	494.79	489.31	0.98	ppb
Silicon	28-1	544.41	561.35	566.81	557.52	2.09	ppb
Silver	109-1	518.50	513.86	517.80	516.72	0.48	ppb
Silver	107-1	522.07	521.45	519.89	521.14	0.22	ppb
Sodium	23-2	251937.24	253797.66	255904.27	253879.72	0.78	ppb
Strontium	86-1	493.73	495.82	500.56	496.70	0.70	ppb
Strontium	88-1	490.80	497.33	496.44	494.86	0.72	ppb
Sulfur	34-1	7584.83	9542.48	10058.43	9061.91	14.40	ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	506.17	507.95	516.16	510.09	1.04	ppb
Thallium	205-1	508.40	510.78	518.00	512.39	0.98	ppb
Thorium	232-1	248.80	245.33	251.87	248.67	1.32	ppb
Tin	118-1	512.25	506.59	510.47	509.77	0.57	ppb
Titanium	47-1	2488.69	2545.49	2520.95	2518.38	1.13	ppb
Uranium	238-1	506.48	514.09	514.69	511.75	0.89	ppb
Vanadium	51-2	486.44	488.09	489.56	488.03	0.32	ppb
Yttrium	89-1				96		%
Yttrium	89-2				100		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:59:41	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1091.59	1087.02	1098.99	1092.53	0.55	ppb
Zirconium	90-1	501.29	499.75	499.00	500.01	0.23	ppb
Zirconium	91-1	490.42	489.03	492.89	490.78	0.40	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:20:44	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.87	18.44	21.44	19.92	7.56	ppb
Antimony	121-1	2.08	2.14	2.05	2.09	2.15	ppb
Arsenic	75-2	1.08	1.07	1.10	1.08	1.52	ppb
Barium	135-1	10.53	10.71	10.49	10.57	1.12	ppb
Barium	137-1	10.72	10.50	10.24	10.49	2.26	ppb
Beryllium	9-1	1.01	1.04	1.01	1.02	1.43	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	25.86	27.17	26.99	26.67	2.65	ppb
Boron	11-1	26.36	26.85	27.60	26.94	2.33	ppb
Cadmium	111-1	1.07	1.12	1.07	1.09	2.73	ppb
Cadmium	106-1	1.44	1.69	2.00	1.71	16.28	ppb
Cadmium	108-1	0.89	0.86	1.09	0.95	12.61	ppb
Calcium	43-1	483.73	476.37	486.65	482.25	1.10	ppb
Calcium	44-1	488.95	491.53	490.66	490.38	0.27	ppb
Chromium	52-2	2.14	2.11	2.06	2.10	2.02	ppb
Cobalt	59-2	1.03	1.01	1.02	1.02	0.94	ppb
Copper	63-2	2.11	2.03	2.09	2.08	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	56.33	55.94	56.08	56.12	0.35	ppb
Iron	57-2	56.44	56.21	56.83	56.49	0.56	ppb
Krypton	83-1						cps
Lead	206-1	0.95	1.00	0.99	0.98	2.93	ppb
Lead	207-1	0.98	0.95	0.96	0.96	1.38	ppb
Lead	208-1	0.96	0.97	0.97	0.97	0.80	ppb
Lithium	6-1				105		%
Magnesium	24-2	543.66	538.01	542.85	541.51	0.56	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:20:44	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.04	1.08	1.06	2.26	ppb
Molybdenum	94-1	4.95	4.85	4.89	4.90	1.03	ppb
Molybdenum	95-1	5.00	5.00	4.86	4.95	1.70	ppb
Molybdenum	96-1	4.95	4.94	4.90	4.93	0.52	ppb
Molybdenum	97-1	4.91	5.05	4.83	4.93	2.27	ppb
Molybdenum	98-1	5.00	5.00	4.95	4.98	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.09	1.01	1.07	5.58	ppb
Phosphorus	31-2	166.52	142.77	296.12	201.80	40.90	ppb
Potassium	39-2	530.90	520.42	517.61	522.98	1.34	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	6.19	6.32	4.83	5.78	14.33	ppb
Selenium	78-2	6.03	6.28	5.34	5.88	8.23	ppb
Selenium	82-1	5.83	4.95	5.60	5.46	8.40	ppb
Silicon	28-1	7.41	7.45	7.57	7.47	1.09	ppb
Silver	109-1	1.11	1.16	1.07	1.11	4.15	ppb
Silver	107-1	1.18	1.14	1.12	1.15	2.64	ppb
Sodium	23-2	529.80	523.68	533.46	528.98	0.93	ppb
Strontium	86-1	1.04	1.06	1.06	1.05	1.06	ppb
Strontium	88-1	1.01	1.03	1.02	1.02	0.76	ppb
Sulfur	34-1	3600.48	3402.12	4257.99	3753.53	11.94	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.99	0.95	0.97	0.97	1.88	ppb
Thallium	205-1	0.92	0.96	0.93	0.94	2.09	ppb
Thorium	232-1	106.92	104.28	102.65	104.62	2.06	ppb
Tin	118-1	5.21	5.22	5.16	5.20	0.60	ppb
Titanium	47-1	4.97	5.13	5.16	5.09	1.98	ppb
Uranium	238-1	0.91	0.90	0.91	0.91	0.63	ppb
Vanadium	51-2	5.22	5.18	5.19	5.20	0.37	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:20:44	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.67	1.58	1.87	1.71	8.61	ppb
Zirconium	90-1	0.90	0.91	0.89	0.90	0.72	ppb
Zirconium	91-1	0.94	0.89	0.90	0.91	2.70	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:24:20	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	-0.11	-0.16	-0.08		ppb
Antimony	121-1	0.01	0.02	0.01	0.01	12.76	ppb
Arsenic	75-2	-0.01	-0.02	-0.01	-0.02		ppb
Barium	135-1	0.00	0.00	0.00	0.00	1009.34	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	266.33	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	3.08	2.90	2.71	2.90	6.39	ppb
Boron	11-1	3.07	2.95	2.72	2.91	6.13	ppb
Cadmium	111-1	0.08	0.03	0.02	0.05	69.68	ppb
Cadmium	106-1	1.45	0.68	0.42	0.85	62.93	ppb
Cadmium	108-1	0.00	0.08	0.02	0.03	134.90	ppb
Calcium	43-1	1.11	0.31	1.12	0.84	54.71	ppb
Calcium	44-1	1.14	0.79	0.81	0.92	21.63	ppb
Chromium	52-2	-0.01	-0.02	-0.03	-0.02		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.00	0.02	0.01	0.01	75.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	-0.11	0.08	-0.05	-0.03		ppb
Iron	57-2	-0.05	0.15	0.07	0.05	189.48	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.01	0.02	47.58	ppb
Lead	207-1	0.01	0.01	0.01	0.01	14.76	ppb
Lead	208-1	0.01	0.01	0.01	0.01	8.69	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.29	0.26	0.07	0.20	56.43	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:24:20	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.02	-0.02	-0.02		ppb
Molybdenum	94-1	0.02	0.04	0.01	0.02	78.23	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	16.52	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	21.04	ppb
Molybdenum	97-1	0.03	0.02	0.03	0.03	21.13	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	24.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.02	-0.03		ppb
Phosphorus	31-2	-262.17	-313.58	-332.62	-302.79		ppb
Potassium	39-2	9.19	14.42	11.87	11.83	22.12	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	77-2	-0.08	-0.08	-0.08	-0.08		ppb
Selenium	78-2	-0.02	-0.06	0.11	0.01	665.40	ppb
Selenium	82-1	-0.29	-0.27	-0.06	-0.21		ppb
Silicon	28-1	0.47	0.39	0.33	0.40	17.80	ppb
Silver	109-1	0.00	0.00	0.00	0.00	356.54	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	6.02	5.40	5.73	5.72	5.47	ppb
Strontium	86-1	0.04	0.04	0.02	0.03	39.43	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	327.12	ppb
Sulfur	34-1	1313.76	764.48	466.98	848.41	50.63	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.02	0.02	9.11	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	22.87	ppb
Thorium	232-1	0.54	0.07	0.16	0.26	96.72	ppb
Tin	118-1	0.01	0.02	0.03	0.02	36.91	ppb
Titanium	47-1	0.01	0.00	0.04	0.01	135.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1438.21	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:24:20	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.05	-0.13	-0.14	-0.11		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	142.03	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	335.51	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:27:57	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.47	19.72	19.77	19.99	2.09	ppb
Antimony	121-1	2.04	2.04	2.04	2.04	0.06	ppb
Arsenic	75-2	1.11	1.16	1.00	1.09	7.70	ppb
Barium	135-1	10.74	10.32	10.40	10.48	2.14	ppb
Barium	137-1	10.49	10.31	10.44	10.41	0.93	ppb
Beryllium	9-1	0.96	0.96	1.00	0.98	2.53	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Boron	10-1	26.68	25.90	25.17	25.92	2.92	ppb
Boron	11-1	25.45	25.42	26.24	25.70	1.80	ppb
Cadmium	111-1	1.15	1.08	1.22	1.15	5.81	ppb
Cadmium	106-1	2.47	2.15	2.46	2.36	7.62	ppb
Cadmium	108-1	1.28	1.29	1.04	1.21	11.84	ppb
Calcium	43-1	489.69	491.02	470.38	483.70	2.39	ppb
Calcium	44-1	486.47	489.03	489.49	488.33	0.33	ppb
Chromium	52-2	2.08	2.06	2.01	2.05	1.74	ppb
Cobalt	59-2	1.03	1.02	1.06	1.04	1.83	ppb
Copper	63-2	2.04	1.98	2.01	2.01	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	56.52	55.10	55.99	55.87	1.28	ppb
Iron	57-2	56.70	55.84	56.18	56.24	0.77	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.95	0.92	0.93	1.93	ppb
Lead	207-1	0.96	0.92	0.94	0.94	2.02	ppb
Lead	208-1	0.95	0.95	0.94	0.95	0.75	ppb
Lithium	6-1				104		%
Magnesium	24-2	544.85	545.98	540.61	543.81	0.52	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:27:57	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.10	1.05	1.03	1.06	3.50	ppb
Molybdenum	94-1	4.81	4.93	4.90	4.88	1.35	ppb
Molybdenum	95-1	4.81	4.89	4.90	4.87	1.02	ppb
Molybdenum	96-1	4.76	4.85	4.86	4.82	1.17	ppb
Molybdenum	97-1	4.73	4.69	4.86	4.76	1.89	ppb
Molybdenum	98-1	4.89	4.84	4.95	4.89	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.04	1.09	1.08	3.14	ppb
Phosphorus	31-2	396.33	284.07	388.76	356.39	17.61	ppb
Potassium	39-2	515.63	514.70	516.27	515.54	0.15	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	7.83	7.06	5.19	6.69	20.30	ppb
Selenium	78-2	5.84	6.11	5.64	5.86	4.02	ppb
Selenium	82-1	5.49	5.89	5.81	5.73	3.70	ppb
Silicon	28-1	7.63	7.59	7.27	7.50	2.65	ppb
Silver	109-1	2.61	2.58	2.65	2.61	1.24	ppb
Silver	107-1	2.62	2.65	2.56	2.61	1.68	ppb
Sodium	23-2	524.92	518.39	531.42	524.91	1.24	ppb
Strontium	86-1	1.05	1.00	1.03	1.02	2.52	ppb
Strontium	88-1	0.99	1.02	1.00	1.00	1.74	ppb
Sulfur	34-1	5749.58	5334.38	3782.95	4955.64	20.92	ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	0.94	0.96	0.96	0.95	1.34	ppb
Thallium	205-1	0.99	0.94	0.92	0.95	3.77	ppb
Thorium	232-1	104.82	104.02	102.40	103.74	1.19	ppb
Tin	118-1	5.14	5.15	5.22	5.17	0.82	ppb
Titanium	47-1	5.04	5.05	5.09	5.06	0.51	ppb
Uranium	238-1	0.90	0.91	0.94	0.92	1.91	ppb
Vanadium	51-2	5.14	5.22	5.19	5.18	0.81	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:27:57	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.82	1.88	1.83	1.84	1.83	ppb
Zirconium	90-1	0.88	0.94	0.92	0.91	3.12	ppb
Zirconium	91-1	0.91	0.93	0.90	0.91	1.76	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:32:04	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.32	20.68	20.31	20.77	2.47	ppb
Antimony	121-1	2.03	2.04	2.07	2.05	1.14	ppb
Arsenic	75-2	1.03	0.99	1.01	1.01	2.15	ppb
Barium	135-1	10.03	10.17	10.24	10.15	1.05	ppb
Barium	137-1	10.26	10.24	10.68	10.39	2.41	ppb
Beryllium	9-1	1.01	1.00	1.06	1.03	3.08	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	25.70	25.40	26.86	25.98	2.97	ppb
Boron	11-1	25.57	25.25	26.01	25.61	1.49	ppb
Cadmium	111-1	1.09	1.15	1.04	1.09	4.96	ppb
Cadmium	106-1	1.76	2.98	0.54	1.76	69.15	ppb
Cadmium	108-1	1.08	0.86	0.74	0.89	19.43	ppb
Calcium	43-1	478.15	485.22	474.58	479.32	1.13	ppb
Calcium	44-1	482.04	491.40	491.06	488.16	1.09	ppb
Chromium	52-2	2.13	2.02	2.01	2.05	3.23	ppb
Cobalt	59-2	1.01	1.01	1.00	1.01	0.53	ppb
Copper	63-2	2.12	2.06	2.09	2.09	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	57.23	56.35	57.12	56.90	0.84	ppb
Iron	57-2	57.81	57.22	57.33	57.45	0.54	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.94	0.94	0.95	1.27	ppb
Lead	207-1	0.96	0.97	0.98	0.97	0.92	ppb
Lead	208-1	0.95	0.95	0.96	0.96	0.86	ppb
Lithium	6-1				106		%
Magnesium	24-2	544.07	540.42	540.10	541.53	0.41	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:32:04	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	1.03	1.01	1.01	1.48	ppb
Molybdenum	94-1	4.87	4.84	4.85	4.85	0.27	ppb
Molybdenum	95-1	4.93	4.88	4.92	4.91	0.48	ppb
Molybdenum	96-1	4.85	4.92	4.96	4.91	1.13	ppb
Molybdenum	97-1	4.83	4.84	5.04	4.90	2.42	ppb
Molybdenum	98-1	4.93	4.71	4.79	4.81	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.13	1.17	1.14	2.72	ppb
Phosphorus	31-2	130.68	243.93	270.58	215.06	34.54	ppb
Potassium	39-2	510.82	514.07	517.54	514.14	0.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	77-2	6.95	4.98	5.77	5.90	16.82	ppb
Selenium	78-2	6.36	5.54	5.41	5.77	8.87	ppb
Selenium	82-1	6.01	5.31	5.54	5.62	6.32	ppb
Silicon	28-1	7.28	7.36	7.40	7.35	0.82	ppb
Silver	109-1	1.04	1.11	1.11	1.09	3.75	ppb
Silver	107-1	1.10	1.05	1.13	1.09	3.28	ppb
Sodium	23-2	521.98	516.77	520.97	519.90	0.53	ppb
Strontium	86-1	1.08	1.03	1.08	1.07	2.47	ppb
Strontium	88-1	1.00	1.01	1.02	1.01	0.86	ppb
Sulfur	34-1	4680.26	4977.41	5849.20	5168.96	11.75	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.94	1.00	0.97	0.97	3.06	ppb
Thallium	205-1	0.92	0.95	0.93	0.94	1.90	ppb
Thorium	232-1	103.84	103.28	101.43	102.85	1.23	ppb
Tin	118-1	5.13	5.13	5.13	5.13	0.07	ppb
Titanium	47-1	5.09	5.23	5.12	5.15	1.44	ppb
Uranium	238-1	0.91	0.89	0.90	0.90	1.07	ppb
Vanadium	51-2	5.17	5.19	5.28	5.21	1.14	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:32:04	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.59	1.71	1.69	1.66	3.85	ppb
Zirconium	90-1	0.92	0.92	0.88	0.91	2.65	ppb
Zirconium	91-1	0.93	0.84	0.87	0.88	5.51	ppb

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : PB124811BL Instrumnet Name : P7
 Client Sample ID : PB124811BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 15:35:41 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	0.14	-0.10	-0.02		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	94.77	ppb
Arsenic	75-2	0.00	-0.03	-0.01	-0.01		ppb
Barium	135-1	0.00	0.01	0.00	0.00	94.90	ppb
Barium	137-1	0.00	0.00	0.00	0.00	320.80	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	31.11	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	2.37	2.48	2.78	2.55	8.30	ppb
Boron	11-1	2.87	2.52	2.73	2.71	6.46	ppb
Cadmium	111-1	0.06	0.00	0.07	0.05	79.10	ppb
Cadmium	106-1	1.10	0.10	1.25	0.82	76.42	ppb
Cadmium	108-1	0.03	0.00	0.04	0.02	93.19	ppb
Calcium	43-1	1.17	1.45	2.89	1.84	50.54	ppb
Calcium	44-1	-0.64	0.24	0.26	-0.05		ppb
Chromium	52-2	0.07	0.05	0.07	0.07	14.66	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.02	0.01	0.00	0.01	116.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	-0.12	-0.18	-0.13	-0.14		ppb
Iron	57-2	-0.05	0.08	0.04	0.03	254.80	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.01	0.01	53.00	ppb
Lead	207-1	0.00	0.01	0.00	0.00	101.71	ppb
Lead	208-1	0.00	0.00	0.00	0.00	51.32	ppb
Lithium	6-1				106		%
Magnesium	24-2	-0.05	-0.30	-0.01	-0.12		ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	PB124811BL	Instrumnet Name :	P7
Client Sample ID :	PB124811BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:35:41	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.02	-0.03	-0.02		ppb
Molybdenum	94-1	0.02	0.04	0.02	0.03	38.79	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	61.26	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.00	89.90	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	21.01	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	16.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.03	-0.03		ppb
Phosphorus	31-2	-301.46	-239.48	-301.35	-280.76		ppb
Potassium	39-2	10.87	11.39	12.16	11.47	5.68	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	77-2	-0.08	-0.08	-0.08	-0.08		ppb
Selenium	78-2	0.05	0.03	0.11	0.06	66.02	ppb
Selenium	82-1	0.08	-0.29	-0.31	-0.17		ppb
Silicon	28-1	0.28	0.14	0.36	0.26	41.64	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00	4188.99	ppb
Sodium	23-2	3.07	2.88	2.84	2.93	4.14	ppb
Strontium	86-1	0.02	-0.02	-0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	4279.57	4395.18	4558.47	4411.08	3.18	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.01	0.01	22.90	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	43.10	ppb
Thorium	232-1	1.10	1.11	1.19	1.13	4.18	ppb
Tin	118-1	0.02	0.03	0.02	0.02	19.76	ppb
Titanium	47-1	-0.01	0.01	-0.01	0.00		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	62.18	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	PB124811BL	Instrumnet Name :	P7
Client Sample ID :	PB124811BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:35:41	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.41	-0.42	-0.38	-0.40		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	65.76	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	60.98	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	PB124811BS	Instrumnet Name :	P7
Client Sample ID :	PB124811BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:39:19	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10244.60	10325.60	10229.32	10266.51	0.50	ppb
Antimony	121-1	521.08	517.49	517.75	518.77	0.39	ppb
Arsenic	75-2	505.50	510.75	507.75	508.00	0.52	ppb
Barium	135-1	2575.17	2561.65	2534.49	2557.11	0.81	ppb
Barium	137-1	2574.90	2549.24	2520.30	2548.15	1.07	ppb
Beryllium	9-1	506.01	504.55	506.05	505.54	0.17	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Boron	10-1	487.82	492.18	497.87	492.62	1.02	ppb
Boron	11-1	489.82	499.96	500.21	496.66	1.19	ppb
Cadmium	111-1	512.18	510.44	509.80	510.81	0.24	ppb
Cadmium	106-1	519.48	518.09	517.16	518.24	0.23	ppb
Cadmium	108-1	523.20	512.55	510.79	515.51	1.30	ppb
Calcium	43-1	49351.69	49523.53	49728.32	49534.52	0.38	ppb
Calcium	44-1	49906.35	49792.14	50223.84	49974.11	0.45	ppb
Chromium	52-2	492.70	493.33	493.00	493.01	0.06	ppb
Cobalt	59-2	489.95	491.03	488.62	489.87	0.25	ppb
Copper	63-2	965.79	958.85	953.28	959.31	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	26620.78	26406.28	26290.45	26439.17	0.63	ppb
Iron	57-2	26566.21	26350.91	26253.48	26390.20	0.61	ppb
Krypton	83-1						cps
Lead	206-1	497.21	503.19	499.08	499.83	0.61	ppb
Lead	207-1	499.55	502.25	499.72	500.51	0.30	ppb
Lead	208-1	500.20	501.25	497.58	499.68	0.38	ppb
Lithium	6-1				98		%
Magnesium	24-2	52222.40	52343.03	52034.28	52199.90	0.30	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	PB124811BS	Instrumnet Name :	P7
Client Sample ID :	PB124811BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:39:19	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	983.38	986.80	984.01	984.73	0.18	ppb
Molybdenum	94-1	2485.35	2488.64	2469.30	2481.10	0.42	ppb
Molybdenum	95-1	2478.05	2463.02	2474.53	2471.87	0.32	ppb
Molybdenum	96-1	2479.56	2455.70	2472.86	2469.37	0.50	ppb
Molybdenum	97-1	2495.10	2449.52	2463.70	2469.44	0.94	ppb
Molybdenum	98-1	2497.78	2461.84	2462.69	2474.10	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.88	495.54	493.97	495.46	0.29	ppb
Phosphorus	31-2	27052.72	27082.15	27867.79	27334.22	1.69	ppb
Potassium	39-2	25111.11	24971.96	25111.94	25065.00	0.32	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	510.88	519.26	517.20	515.78	0.85	ppb
Selenium	78-2	504.88	503.27	513.35	507.17	1.07	ppb
Selenium	82-1	512.07	515.36	512.13	513.19	0.37	ppb
Silicon	28-1	542.48	552.84	556.49	550.60	1.32	ppb
Silver	109-1	526.77	512.70	516.26	518.57	1.41	ppb
Silver	107-1	521.79	515.39	519.11	518.76	0.62	ppb
Sodium	23-2	53043.12	52557.16	52245.79	52615.35	0.76	ppb
Strontium	86-1	496.29	504.13	497.19	499.20	0.86	ppb
Strontium	88-1	502.60	504.85	503.92	503.79	0.22	ppb
Sulfur	34-1	37521.33	37072.03	35968.01	36853.79	2.17	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	499.93	501.71	497.09	499.58	0.47	ppb
Thallium	205-1	497.70	502.00	498.57	499.42	0.46	ppb
Thorium	232-1	12874.57	12999.42	12899.73	12924.57	0.51	ppb
Tin	118-1	517.76	510.58	513.57	513.97	0.70	ppb
Titanium	47-1	2503.88	2509.09	2519.75	2510.91	0.32	ppb
Uranium	238-1	487.64	490.78	490.67	489.70	0.36	ppb
Vanadium	51-2	492.76	490.65	490.85	491.42	0.24	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	PB124811BS	Instrumnet Name :	P7
Client Sample ID :	PB124811BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:39:19	DataFile Name :	022LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	927.45	928.49	925.98	927.31	0.14	ppb
Zirconium	90-1	502.68	502.89	494.78	500.12	0.92	ppb
Zirconium	91-1	488.13	491.79	483.16	487.69	0.89	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL3X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-05 15:46:42	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19838.13	20058.35	20017.81	19971.43	0.59	ppb
Antimony	121-1	64.54	65.12	65.09	64.92	0.50	ppb
Arsenic	75-2	90.98	92.48	90.70	91.39	1.04	ppb
Barium	135-1	1187.18	1198.01	1213.52	1199.57	1.10	ppb
Barium	137-1	1223.22	1207.22	1218.60	1216.34	0.68	ppb
Beryllium	9-1	164.90	164.22	165.02	164.71	0.26	ppb
Bismuth	209-1				90		%
Bismuth	209-2				89		%
Boron	10-1	581.90	598.95	616.13	598.99	2.86	ppb
Boron	11-1	591.32	603.16	613.36	602.61	1.83	ppb
Cadmium	111-1	516.34	520.19	518.97	518.50	0.38	ppb
Cadmium	106-1	410.90	412.29	417.90	413.70	0.90	ppb
Cadmium	108-1	436.51	446.15	436.90	439.85	1.24	ppb
Calcium	43-1	13822.94	13857.75	14123.10	13934.60	1.18	ppb
Calcium	44-1	13837.28	13962.21	13959.77	13919.75	0.51	ppb
Chromium	52-2	96.47	96.27	95.86	96.20	0.33	ppb
Cobalt	59-2	437.24	439.56	436.43	437.75	0.37	ppb
Copper	63-2	115.99	115.57	116.29	115.95	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	30860.09	30980.76	30836.25	30892.37	0.25	ppb
Iron	57-2	30732.12	30827.73	30705.47	30755.10	0.21	ppb
Krypton	83-1						cps
Lead	206-1	322.12	329.87	323.69	325.23	1.26	ppb
Lead	207-1	320.01	325.27	322.55	322.61	0.81	ppb
Lead	208-1	327.74	327.52	328.12	327.80	0.09	ppb
Lithium	6-1				144		%
Magnesium	24-2	37938.56	38370.18	38103.59	38137.44	0.57	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL3X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-05 15:46:42	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2416.48	2426.55	2403.75	2415.59	0.47	ppb
Molybdenum	94-1	66.52	66.21	67.12	66.62	0.69	ppb
Molybdenum	95-1	77.28	77.41	78.41	77.70	0.79	ppb
Molybdenum	96-1	75.58	75.32	76.39	75.77	0.73	ppb
Molybdenum	97-1	76.88	75.71	75.75	76.11	0.87	ppb
Molybdenum	98-1	76.65	76.25	76.60	76.50	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	661.90	660.66	660.53	661.03	0.11	ppb
Phosphorus	31-2	11806.25	12139.68	12696.35	12214.09	3.68	ppb
Potassium	39-2	19701.81	19780.22	19668.19	19716.74	0.29	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	77-2	427.73	413.04	405.02	415.26	2.77	ppb
Selenium	78-2	382.64	387.86	381.68	384.06	0.87	ppb
Selenium	82-1	395.68	392.96	402.44	397.03	1.23	ppb
Silicon	28-1	2830.58	2837.78	2906.20	2858.19	1.46	ppb
Silver	109-1	109.66	110.93	109.65	110.08	0.67	ppb
Silver	107-1	110.73	111.24	112.42	111.46	0.78	ppb
Sodium	23-2	11333.61	11373.20	11279.63	11328.81	0.41	ppb
Strontium	86-1	430.32	428.19	434.30	430.94	0.72	ppb
Strontium	88-1	431.01	429.75	431.62	430.79	0.22	ppb
Sulfur	34-1	-4741.66	-5137.50	-3880.59	-4586.58		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	562.86	559.47	553.41	558.58	0.86	ppb
Thallium	205-1	558.85	565.02	555.33	559.73	0.88	ppb
Thorium	232-1	1621.18	1653.17	1641.36	1638.57	0.99	ppb
Tin	118-1	341.39	347.45	343.43	344.09	0.90	ppb
Titanium	47-1	1294.54	1308.92	1326.13	1309.86	1.21	ppb
Uranium	238-1	103.35	104.48	103.45	103.76	0.60	ppb
Vanadium	51-2	325.87	325.40	322.68	324.65	0.53	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL3X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-05 15:46:42	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	405.24	401.29	408.39	404.97	0.88	ppb
Zirconium	90-1	7.96	8.07	8.04	8.02	0.71	ppb
Zirconium	91-1	7.96	8.17	7.93	8.02	1.66	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL2X4	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	4
Date & Time Acquired ::	2019-12-05 15:50:22	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24708.11	24475.37	24591.76	24591.75	0.47	ppb
Antimony	121-1	81.59	80.63	80.51	80.91	0.73	ppb
Arsenic	75-2	115.38	112.75	113.13	113.75	1.25	ppb
Barium	135-1	1540.77	1523.51	1526.00	1530.10	0.61	ppb
Barium	137-1	1544.85	1516.80	1516.93	1526.19	1.06	ppb
Beryllium	9-1	190.03	191.70	191.83	191.19	0.52	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Boron	10-1	699.24	715.63	715.25	710.04	1.32	ppb
Boron	11-1	713.13	711.86	733.60	719.53	1.70	ppb
Cadmium	111-1	650.35	641.42	642.68	644.82	0.75	ppb
Cadmium	106-1	519.31	513.40	512.85	515.19	0.69	ppb
Cadmium	108-1	552.93	552.61	548.59	551.38	0.44	ppb
Calcium	43-1	17223.16	17526.17	17202.80	17317.38	1.05	ppb
Calcium	44-1	17475.12	17533.01	17344.27	17450.80	0.55	ppb
Chromium	52-2	120.71	120.81	119.20	120.24	0.75	ppb
Cobalt	59-2	549.22	544.88	542.82	545.64	0.60	ppb
Copper	63-2	144.42	145.35	144.31	144.69	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	38642.39	38412.32	38157.08	38403.93	0.63	ppb
Iron	57-2	38474.68	38302.68	38070.35	38282.57	0.53	ppb
Krypton	83-1						cps
Lead	206-1	425.91	424.60	423.26	424.59	0.31	ppb
Lead	207-1	403.69	406.81	403.74	404.75	0.44	ppb
Lead	208-1	417.33	416.00	414.64	415.99	0.32	ppb
Lithium	6-1				156		%
Magnesium	24-2	47708.34	47218.84	47178.08	47368.42	0.62	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL2X4	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	4
Date & Time Acquired ::	2019-12-05 15:50:22	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3029.84	3003.12	2970.33	3001.10	0.99	ppb
Molybdenum	94-1	81.59	81.97	81.46	81.67	0.32	ppb
Molybdenum	95-1	95.60	94.72	95.10	95.14	0.46	ppb
Molybdenum	96-1	93.55	93.36	94.16	93.69	0.44	ppb
Molybdenum	97-1	94.53	93.31	94.26	94.03	0.68	ppb
Molybdenum	98-1	94.10	95.02	93.69	94.27	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	831.14	822.27	816.13	823.18	0.92	ppb
Phosphorus	31-2	15229.31	14777.67	15362.35	15123.11	2.03	ppb
Potassium	39-2	24608.98	24622.36	24429.38	24553.57	0.44	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	77-2	516.33	510.80	503.75	510.29	1.24	ppb
Selenium	78-2	479.14	487.81	483.58	483.51	0.90	ppb
Selenium	82-1	483.08	484.67	483.45	483.73	0.17	ppb
Silicon	28-1	3586.13	3567.41	3555.07	3569.54	0.44	ppb
Silver	109-1	139.22	138.78	138.96	138.99	0.16	ppb
Silver	107-1	139.26	138.74	137.14	138.38	0.80	ppb
Sodium	23-2	14292.85	14136.97	14109.72	14179.84	0.70	ppb
Strontium	86-1	527.05	531.67	528.56	529.09	0.45	ppb
Strontium	88-1	533.35	530.69	533.38	532.48	0.29	ppb
Sulfur	34-1	-5812.88	-6823.07	-6490.42	-6375.46		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	701.87	716.38	713.74	710.66	1.09	ppb
Thallium	205-1	702.62	713.20	708.21	708.01	0.75	ppb
Thorium	232-1	2040.06	2072.11	2085.77	2065.98	1.14	ppb
Tin	118-1	449.87	442.95	444.42	445.75	0.82	ppb
Titanium	47-1	1632.23	1622.24	1625.91	1626.79	0.31	ppb
Uranium	238-1	131.32	131.26	129.92	130.83	0.60	ppb
Vanadium	51-2	405.92	407.27	405.05	406.08	0.28	ppb
Yttrium	89-1				109		%
Yttrium	89-2				109		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL2X4	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	4
Date & Time Acquired ::	2019-12-05 15:50:22	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	501.83	507.00	497.30	502.04	0.97	ppb
Zirconium	90-1	9.69	9.90	9.77	9.78	1.09	ppb
Zirconium	91-1	9.72	9.80	9.70	9.74	0.53	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	20
Date & Time Acquired ::	2019-12-05 15:55:25	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5116.39	5029.64	5075.78	5073.93	0.86	ppb
Antimony	121-1	16.26	16.39	16.18	16.28	0.64	ppb
Arsenic	75-2	23.72	24.17	24.14	24.01	1.04	ppb
Barium	135-1	305.10	306.86	303.84	305.27	0.50	ppb
Barium	137-1	303.53	306.45	300.66	303.55	0.95	ppb
Beryllium	9-1	53.47	53.60	52.97	53.35	0.63	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Boron	10-1	206.26	205.91	207.57	206.58	0.42	ppb
Boron	11-1	205.87	207.27	211.35	208.17	1.37	ppb
Cadmium	111-1	133.64	133.64	132.09	133.12	0.67	ppb
Cadmium	106-1	107.04	102.71	105.55	105.10	2.10	ppb
Cadmium	108-1	111.90	114.14	114.32	113.45	1.19	ppb
Calcium	43-1	3536.28	3531.84	3518.46	3528.86	0.26	ppb
Calcium	44-1	3528.23	3535.44	3519.25	3527.64	0.23	ppb
Chromium	52-2	24.97	24.73	24.88	24.86	0.48	ppb
Cobalt	59-2	115.05	113.55	113.75	114.12	0.71	ppb
Copper	63-2	30.30	29.93	30.18	30.14	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	8085.78	7955.97	7930.90	7990.88	1.04	ppb
Iron	57-2	8045.54	7921.95	7905.56	7957.69	0.96	ppb
Krypton	83-1						cps
Lead	206-1	81.75	80.71	82.55	81.67	1.13	ppb
Lead	207-1	80.42	79.49	81.24	80.39	1.09	ppb
Lead	208-1	80.50	79.82	81.09	80.47	0.79	ppb
Lithium	6-1				111		%
Magnesium	24-2	9594.34	9459.86	9497.02	9517.07	0.73	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	20
Date & Time Acquired ::	2019-12-05 15:55:25	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	627.30	620.43	619.73	622.49	0.67	ppb
Molybdenum	94-1	17.01	16.94	17.04	17.00	0.33	ppb
Molybdenum	95-1	19.70	20.06	20.03	19.93	1.00	ppb
Molybdenum	96-1	19.45	19.79	19.49	19.58	0.95	ppb
Molybdenum	97-1	19.81	19.83	19.82	19.82	0.07	ppb
Molybdenum	98-1	19.75	20.01	19.85	19.87	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	172.94	170.17	172.44	171.85	0.86	ppb
Phosphorus	31-2	3120.15	2891.65	3165.97	3059.26	4.80	ppb
Potassium	39-2	4972.18	4916.67	4941.42	4943.42	0.56	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	103.27	112.56	111.43	109.08	4.65	ppb
Selenium	78-2	102.65	104.14	104.08	103.62	0.82	ppb
Selenium	82-1	104.41	103.90	103.28	103.86	0.55	ppb
Silicon	28-1	732.80	725.11	726.07	728.00	0.58	ppb
Silver	109-1	28.51	28.55	28.31	28.46	0.47	ppb
Silver	107-1	28.13	28.56	28.40	28.36	0.76	ppb
Sodium	23-2	2852.77	2791.93	2828.99	2824.56	1.09	ppb
Strontium	86-1	112.16	111.82	113.21	112.40	0.64	ppb
Strontium	88-1	112.24	111.96	113.11	112.44	0.53	ppb
Sulfur	34-1	-8703.76	-8273.44	-9125.41	-8700.87		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	134.29	134.49	137.77	135.52	1.44	ppb
Thallium	205-1	139.60	138.51	142.61	140.24	1.51	ppb
Thorium	232-1	396.60	391.82	392.54	393.65	0.65	ppb
Tin	118-1	87.27	88.33	87.49	87.70	0.64	ppb
Titanium	47-1	333.48	331.08	332.67	332.41	0.37	ppb
Uranium	238-1	25.07	24.79	24.90	24.92	0.56	ppb
Vanadium	51-2	83.86	81.47	82.63	82.66	1.45	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	20
Date & Time Acquired ::	2019-12-05 15:55:25	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	107.98	106.23	105.44	106.55	1.22	ppb
Zirconium	90-1	2.02	2.02	2.04	2.02	0.51	ppb
Zirconium	91-1	2.07	2.08	2.00	2.05	2.30	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:59:03	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92543.04	92155.31	91341.56	92013.30	0.67	ppb
Antimony	121-1	307.98	306.25	304.82	306.35	0.52	ppb
Arsenic	75-2	374.21	376.38	367.54	372.71	1.24	ppb
Barium	135-1	5976.55	5907.69	5930.32	5938.19	0.59	ppb
Barium	137-1	5906.24	5873.40	5903.52	5894.39	0.31	ppb
Beryllium	9-1	371.67	372.94	373.35	372.65	0.23	ppb
Bismuth	209-1				83		%
Bismuth	209-2				79		%
Boron	10-1	1393.02	1428.61	1453.11	1424.91	2.12	ppb
Boron	11-1	1416.36	1474.53	1484.18	1458.36	2.52	ppb
Cadmium	111-1	2469.26	2460.39	2433.07	2454.24	0.77	ppb
Cadmium	106-1	1922.95	1921.98	1891.14	1912.02	0.95	ppb
Cadmium	108-1	2031.50	2041.21	2041.84	2038.18	0.28	ppb
Calcium	43-1	64302.07	63527.54	63843.69	63891.10	0.61	ppb
Calcium	44-1	64709.34	64395.36	64661.98	64588.89	0.26	ppb
Chromium	52-2	444.14	445.00	441.56	443.57	0.40	ppb
Cobalt	59-2	2051.03	2051.30	2027.29	2043.21	0.67	ppb
Copper	63-2	509.33	515.32	508.94	511.20	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				90		%
Indium	115-1				91		%
Indium	115-2				84		%
Iron	56-2	142216.62	141378.10	141026.18	141540.30	0.43	ppb
Iron	57-2	142061.93	141428.26	140725.38	141405.19	0.47	ppb
Krypton	83-1						cps
Lead	206-1	1730.52	1717.66	1725.36	1724.52	0.38	ppb
Lead	207-1	1718.21	1701.32	1709.62	1709.72	0.49	ppb
Lead	208-1	1709.48	1703.35	1705.68	1706.17	0.18	ppb
Lithium	6-1				291		%
Magnesium	24-2	178392.12	177652.14	176071.69	177371.98	0.67	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:59:03	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11115.74	11026.84	10970.45	11037.68	0.66	ppb
Molybdenum	94-1	279.20	279.86	278.53	279.19	0.24	ppb
Molybdenum	95-1	326.44	324.66	324.30	325.13	0.35	ppb
Molybdenum	96-1	323.10	319.63	320.60	321.11	0.56	ppb
Molybdenum	97-1	328.28	324.29	325.97	326.18	0.61	ppb
Molybdenum	98-1	332.03	331.19	328.11	330.44	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2999.41	3021.35	2984.81	3001.86	0.61	ppb
Phosphorus	31-2	55234.76	55661.16	55711.41	55535.78	0.47	ppb
Potassium	39-2	91909.97	91139.23	91253.88	91434.36	0.45	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				114		%
Scandium	45-2				108		%
Selenium	77-2	1624.36	1612.49	1577.01	1604.62	1.54	ppb
Selenium	78-2	1515.17	1527.58	1503.56	1515.44	0.79	ppb
Selenium	82-1	1554.55	1530.15	1531.08	1538.59	0.90	ppb
Silicon	28-1	13265.81	13121.51	13103.51	13163.61	0.68	ppb
Silver	109-1	530.12	528.55	523.73	527.47	0.63	ppb
Silver	107-1	534.70	528.84	530.38	531.31	0.57	ppb
Sodium	23-2	53843.09	53736.98	53895.35	53825.14	0.15	ppb
Strontium	86-1	1868.49	1856.69	1846.97	1857.39	0.58	ppb
Strontium	88-1	1840.28	1822.53	1811.66	1824.82	0.79	ppb
Sulfur	34-1	978.27	-1563.77	244.42	-113.69		ppb
Terbium	159-1				97		%
Terbium	159-2				92		%
Thallium	203-1	2883.52	2878.57	2867.93	2876.67	0.28	ppb
Thallium	205-1	2870.23	2895.19	2905.70	2890.37	0.63	ppb
Thorium	232-1	8481.46	8634.57	8519.94	8545.32	0.93	ppb
Tin	118-1	1731.47	1691.26	1698.91	1707.21	1.25	ppb
Titanium	47-1	6252.47	6163.03	6151.75	6189.08	0.89	ppb
Uranium	238-1	540.10	550.03	541.41	543.85	0.99	ppb
Vanadium	51-2	1522.82	1520.76	1509.94	1517.84	0.46	ppb
Yttrium	89-1				123		%
Yttrium	89-2				115		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:59:03	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1706.97	1707.25	1684.47	1699.57	0.77	ppb
Zirconium	90-1	33.56	33.86	33.98	33.80	0.65	ppb
Zirconium	91-1	33.59	34.42	33.90	33.97	1.23	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2019-12-05 16:02:45	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48086.13	48192.18	47642.96	47973.76	0.61	ppb
Antimony	121-1	153.55	155.70	153.22	154.16	0.87	ppb
Arsenic	75-2	210.51	211.55	212.72	211.60	0.52	ppb
Barium	135-1	3002.11	2997.55	2959.74	2986.47	0.78	ppb
Barium	137-1	3006.26	2977.60	2956.39	2980.08	0.84	ppb
Beryllium	9-1	279.23	278.42	278.02	278.56	0.22	ppb
Bismuth	209-1				89		%
Bismuth	209-2				85		%
Boron	10-1	1065.81	1080.67	1081.67	1076.05	0.83	ppb
Boron	11-1	1101.73	1121.34	1117.00	1113.36	0.92	ppb
Cadmium	111-1	1283.01	1267.36	1244.57	1264.98	1.53	ppb
Cadmium	106-1	976.64	973.44	974.49	974.86	0.17	ppb
Cadmium	108-1	1028.48	1051.14	1044.09	1041.24	1.11	ppb
Calcium	43-1	33212.94	33181.44	33475.28	33289.89	0.48	ppb
Calcium	44-1	34012.30	33776.90	33829.86	33873.02	0.36	ppb
Chromium	52-2	234.11	236.49	234.89	235.17	0.52	ppb
Cobalt	59-2	1095.78	1096.00	1088.51	1093.43	0.39	ppb
Copper	63-2	279.55	280.62	279.55	279.91	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	75732.45	75817.44	75608.76	75719.55	0.14	ppb
Iron	57-2	75625.76	75810.63	75447.48	75627.96	0.24	ppb
Krypton	83-1						cps
Lead	206-1	871.36	859.74	866.02	865.71	0.67	ppb
Lead	207-1	856.64	847.89	848.58	851.03	0.57	ppb
Lead	208-1	853.48	845.28	852.92	850.56	0.54	ppb
Lithium	6-1				197		%
Magnesium	24-2	92197.62	93205.74	91747.17	92383.51	0.81	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2019-12-05 16:02:45	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5866.35	5943.05	5875.40	5894.93	0.71	ppb
Molybdenum	94-1	151.78	152.49	154.58	152.95	0.95	ppb
Molybdenum	95-1	176.66	177.87	179.92	178.15	0.92	ppb
Molybdenum	96-1	173.27	175.79	178.80	175.95	1.57	ppb
Molybdenum	97-1	175.50	177.99	179.08	177.52	1.03	ppb
Molybdenum	98-1	177.40	178.03	178.90	178.11	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1589.79	1594.62	1590.19	1591.53	0.17	ppb
Phosphorus	31-2	29584.06	30125.84	29343.68	29684.53	1.35	ppb
Potassium	39-2	48218.12	48125.55	47768.29	48037.32	0.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	77-2	904.64	949.09	962.09	938.61	3.21	ppb
Selenium	78-2	877.85	874.54	884.60	878.99	0.58	ppb
Selenium	82-1	874.89	880.35	889.05	881.43	0.81	ppb
Silicon	28-1	6952.92	6816.63	6775.33	6848.29	1.36	ppb
Silver	109-1	270.84	270.73	269.29	270.29	0.32	ppb
Silver	107-1	272.72	273.34	271.57	272.54	0.33	ppb
Sodium	23-2	27793.53	28064.02	27731.40	27862.98	0.63	ppb
Strontium	86-1	1025.15	1026.80	1026.43	1026.13	0.08	ppb
Strontium	88-1	1010.94	1006.64	1007.42	1008.33	0.23	ppb
Sulfur	34-1	-5836.29	-6893.21	-6901.31	-6543.60		ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	1438.62	1434.17	1447.41	1440.07	0.47	ppb
Thallium	205-1	1451.48	1439.17	1457.51	1449.39	0.65	ppb
Thorium	232-1	4182.05	4170.50	4203.48	4185.34	0.40	ppb
Tin	118-1	865.75	873.02	857.70	865.49	0.89	ppb
Titanium	47-1	3242.62	3240.25	3216.42	3233.10	0.45	ppb
Uranium	238-1	271.23	266.35	267.39	268.32	0.96	ppb
Vanadium	51-2	796.76	797.17	795.46	796.46	0.11	ppb
Yttrium	89-1				114		%
Yttrium	89-2				107		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2019-12-05 16:02:45	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	952.24	959.45	950.69	954.13	0.49	ppb
Zirconium	90-1	18.27	18.39	18.62	18.43	0.97	ppb
Zirconium	91-1	18.25	18.37	18.78	18.47	1.51	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 16:30:23	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54199.46	53416.02	54201.03	53938.84	0.84	ppb
Antimony	121-1	495.70	500.66	502.16	499.51	0.68	ppb
Arsenic	75-2	472.70	474.68	470.22	472.53	0.47	ppb
Barium	135-1	2542.76	2538.18	2550.74	2543.90	0.25	ppb
Barium	137-1	2511.82	2536.81	2508.47	2519.03	0.61	ppb
Beryllium	9-1	489.44	489.80	486.14	488.46	0.41	ppb
Bismuth	209-1				77		%
Bismuth	209-2				77		%
Boron	10-1	512.85	508.75	509.40	510.33	0.43	ppb
Boron	11-1	503.61	509.78	516.59	509.99	1.27	ppb
Cadmium	111-1	506.03	504.47	505.77	505.43	0.17	ppb
Cadmium	106-1	528.36	521.43	522.08	523.96	0.73	ppb
Cadmium	108-1	521.57	517.18	519.58	519.44	0.42	ppb
Calcium	43-1	244865.19	243434.80	242225.82	243508.60	0.54	ppb
Calcium	44-1	243300.44	244627.51	242905.42	243611.12	0.37	ppb
Chromium	52-2	488.48	483.15	486.31	485.98	0.55	ppb
Cobalt	59-2	469.78	463.05	462.98	465.27	0.84	ppb
Copper	63-2	985.41	975.18	973.60	978.06	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				88		%
Indium	115-1				87		%
Indium	115-2				88		%
Iron	56-2	128509.00	126185.01	127071.75	127255.25	0.92	ppb
Iron	57-2	128587.13	126449.43	127254.95	127430.50	0.85	ppb
Krypton	83-1						cps
Lead	206-1	518.93	514.53	528.45	520.64	1.37	ppb
Lead	207-1	494.20	486.36	495.18	491.92	0.98	ppb
Lead	208-1	509.98	505.84	514.09	509.97	0.81	ppb
Lithium	6-1				94		%
Magnesium	24-2	254897.37	251668.64	254382.33	253649.45	0.68	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 16:30:23	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	949.37	944.45	948.37	947.40	0.27	ppb
Molybdenum	94-1	2464.84	2495.07	2480.93	2480.28	0.61	ppb
Molybdenum	95-1	2442.95	2483.76	2491.70	2472.80	1.06	ppb
Molybdenum	96-1	2450.85	2475.10	2479.98	2468.64	0.63	ppb
Molybdenum	97-1	2441.73	2468.86	2496.81	2469.13	1.12	ppb
Molybdenum	98-1	2448.97	2476.77	2487.70	2471.15	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.42	464.22	464.23	466.29	0.77	ppb
Phosphorus	31-2	9238.30	9272.80	9290.67	9267.26	0.29	ppb
Potassium	39-2	126378.47	124634.19	125811.82	125608.16	0.71	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	502.33	499.41	489.66	497.13	1.33	ppb
Selenium	78-2	488.61	483.14	483.20	484.99	0.65	ppb
Selenium	82-1	482.50	491.56	486.44	486.84	0.93	ppb
Silicon	28-1	551.55	564.65	565.02	560.41	1.37	ppb
Silver	109-1	515.46	516.02	520.86	517.45	0.57	ppb
Silver	107-1	516.30	516.86	523.39	518.85	0.76	ppb
Sodium	23-2	256189.53	253870.93	254593.26	254884.57	0.47	ppb
Strontium	86-1	483.58	495.56	494.92	491.36	1.37	ppb
Strontium	88-1	493.37	498.93	499.63	497.31	0.69	ppb
Sulfur	34-1	14619.81	14252.23	14432.33	14434.79	1.27	ppb
Terbium	159-1				89		%
Terbium	159-2				90		%
Thallium	203-1	514.89	516.30	519.80	517.00	0.49	ppb
Thallium	205-1	519.44	516.13	523.63	519.73	0.72	ppb
Thorium	232-1	248.37	247.15	251.28	248.93	0.85	ppb
Tin	118-1	505.03	503.78	507.86	505.56	0.41	ppb
Titanium	47-1	2514.91	2528.86	2532.06	2525.28	0.36	ppb
Uranium	238-1	516.00	519.53	526.52	520.69	1.03	ppb
Vanadium	51-2	487.42	481.46	483.21	484.03	0.63	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 16:30:23	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	915.89	905.18	904.85	908.64	0.69	ppb
Zirconium	90-1	496.85	501.20	500.40	499.49	0.46	ppb
Zirconium	91-1	488.06	490.03	487.71	488.60	0.26	ppb

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : CCB63 Instrumnet Name : P7
 Client Sample ID : CCB63 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 16:40:04 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.11	0.05	0.20	0.12	63.66	ppb
Antimony	121-1	0.19	0.21	0.23	0.21	9.75	ppb
Arsenic	75-2	0.00	0.02	0.01	0.01	116.71	ppb
Barium	135-1	0.03	0.03	0.02	0.02	15.04	ppb
Barium	137-1	0.03	0.03	0.01	0.02	43.91	ppb
Beryllium	9-1	0.06	0.06	0.04	0.05	29.60	ppb
Bismuth	209-1				90		%
Bismuth	209-2				93		%
Boron	10-1	14.05	13.25	12.95	13.42	4.24	ppb
Boron	11-1	13.63	13.56	13.02	13.40	2.46	ppb
Cadmium	111-1	-0.01	0.05	0.00	0.01	263.32	ppb
Cadmium	106-1	-0.77	0.49	-0.40	-0.23		ppb
Cadmium	108-1	-0.03	0.02	0.07	0.02	253.03	ppb
Calcium	43-1	2.99	2.42	3.93	3.11	24.52	ppb
Calcium	44-1	1.56	1.21	1.25	1.34	14.31	ppb
Chromium	52-2	0.06	0.09	0.06	0.07	23.64	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	112.42	ppb
Copper	63-2	0.05	0.04	0.06	0.05	25.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	1.07	1.06	1.13	1.09	3.48	ppb
Iron	57-2	1.11	1.11	1.27	1.16	7.80	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.04	0.05	7.38	ppb
Lead	207-1	0.06	0.05	0.03	0.05	29.62	ppb
Lead	208-1	0.05	0.04	0.04	0.04	9.68	ppb
Lithium	6-1				103		%
Magnesium	24-2	2.21	2.66	2.49	2.45	9.30	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 16:40:04	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.12	0.13	0.14	0.13	8.27	ppb
Molybdenum	95-1	0.13	0.14	0.11	0.13	8.37	ppb
Molybdenum	96-1	0.13	0.13	0.11	0.12	9.98	ppb
Molybdenum	97-1	0.13	0.13	0.11	0.13	9.56	ppb
Molybdenum	98-1	0.13	0.12	0.11	0.12	8.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.04	-0.03		ppb
Phosphorus	31-2	-251.60	-299.26	-244.34	-265.07		ppb
Potassium	39-2	19.25	22.89	18.53	20.22	11.57	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	77-2	-0.08	-0.08	0.15	0.00		ppb
Selenium	78-2	0.12	0.23	0.04	0.13	77.94	ppb
Selenium	82-1	-0.33	0.01	-0.50	-0.27		ppb
Silicon	28-1	1.74	0.74	0.71	1.06	55.12	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.57	ppb
Silver	107-1	0.01	0.01	0.02	0.01	24.00	ppb
Sodium	23-2	22.14	20.17	18.72	20.34	8.44	ppb
Strontium	86-1	0.06	0.02	0.03	0.04	68.52	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	29.27	ppb
Sulfur	34-1	2518.50	2415.68	2145.31	2359.83	8.17	ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	0.08	0.08	0.08	0.08	1.50	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	6.84	ppb
Thorium	232-1	0.41	0.26	0.73	0.47	51.62	ppb
Tin	118-1	0.08	0.10	0.10	0.09	13.45	ppb
Titanium	47-1	0.05	0.03	0.05	0.04	27.10	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.33	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	85.43	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 16:40:04	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.42	-0.34	-0.38	-0.38		ppb
Zirconium	90-1	0.01	0.03	0.03	0.02	36.56	ppb
Zirconium	91-1	0.02	0.02	0.04	0.03	48.45	ppb

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:03:08	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	67	47	36.74	cps
Antimony	121-1	175	225	233	211	14.94	cps
Arsenic	75-2	9	17	22	16	40.51	cps
Barium	135-1	17	50	42	36	48.03	cps
Barium	137-1	58	58	108	75	38.49	cps
Beryllium	9-1	128	117	56	100	38.89	cps
Bismuth	209-1	14390851	14468359	14384602	14414604	0.32	cps
Bismuth	209-2	8441900	8492405	8489398	8474568	0.33	cps
Boron	10-1	233	283	267	261	9.75	cps
Boron	11-1	1317	1583	1475	1458	9.20	cps
Cadmium	111-1	4812	5007	4623	4814	3.99	cps
Cadmium	106-1	9562	9912	9187	9554	3.80	cps
Cadmium	108-1	33	17	17	22	43.28	cps
Calcium	43-1	308	258	225	264	15.89	cps
Calcium	44-1	13115	12081	13040	12745	4.53	cps
Chromium	52-2	1160	1117	1057	1111	4.67	cps
Cobalt	59-2	143	113	137	131	12.01	cps
Copper	63-2	817	700	733	750	8.01	cps
Dysprosium	156-1	50	33	17	33	50.00	cps
Dysprosium	156-2	37	20	17	24	43.83	cps
Erbium	164-1	100	183	92	125	40.55	cps
Erbium	164-2	77	83	67	76	11.10	cps
Gadolinium	160-1	183	167	242	197	19.97	cps
Gadolinium	160-2	370	310	300	327	11.59	cps
Holmium	165-1	22435207	22256407	22382686	22358100	0.41	cps
Holmium	165-2	11193161	11149979	11124597	11155913	0.31	cps
Indium	115-1	17634426	17443333	17528815	17535524	0.55	cps
Indium	115-2	3031368	2999809	3018998	3016725	0.53	cps
Iron	56-2	6307	6063	6596	6322	4.23	cps
Iron	57-2	803	862	821	828	3.64	cps
Krypton	83-1	1213	1190	1267	1223	3.21	cps
Lead	206-1	1289	1328	1339	1319	1.99	cps
Lead	207-1	1300	1217	1211	1243	4.01	cps
Lead	208-1	5145	4934	5023	5034	2.11	cps
Lithium	6-1	4133675	4167743	4146058	4149159	0.42	cps
Magnesium	24-2	217	308	275	267	17.40	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:03:08	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	137	93	127	119	19.08	cps
Molybdenum	94-1	417	400	400	406	2.37	cps
Molybdenum	95-1	167	183	183	178	5.41	cps
Molybdenum	96-1	283	292	292	289	1.66	cps
Molybdenum	97-1	142	75	100	106	31.91	cps
Molybdenum	98-1	267	258	217	247	10.84	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	120	150	127	132	11.91	cps
Phosphorus	31-2	175	183	125	161	19.58	cps
Potassium	39-2	19246	19472	19714	19477	1.20	cps
Rhodium	103-1	15789733	15819510	15889788	15833010	0.32	cps
Rhodium	103-2	7443237	7383481	7415692	7414136	0.40	cps
Scandium	45-1	9870827	9795220	9750570	9805539	0.62	cps
Scandium	45-2	384909	378767	382390	382022	0.81	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	54	61	50	55	10.30	cps
Selenium	82-1	42	27	-57	4	1263.06	cps
Silicon	28-1	159265	160652	159122	159680	0.53	cps
Silver	109-1	67	133	133	111	34.64	cps
Silver	107-1	308	175	233	239	27.98	cps
Sodium	23-2	19130	19472	18938	19180	1.41	cps
Strontium	86-1	1917	2009	1742	1889	7.17	cps
Strontium	88-1	208	142	242	197	25.82	cps
Sulfur	34-1	510813	509507	514027	511449	0.45	cps
Terbium	159-1	23050887	23096684	23029655	23059075	0.15	cps
Terbium	159-2	10982365	10885184	10951417	10939655	0.45	cps
Thallium	203-1	600	533	500	544	9.35	cps
Thallium	205-1	1225	1150	1142	1172	3.92	cps
Thorium	232-1	1822	1845	1961	1876	3.98	cps
Tin	118-1	975	1200	1083	1086	10.36	cps
Titanium	47-1	108	158	167	144	21.84	cps
Uranium	238-1	2234	2284	2109	2209	4.08	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Yttrium	89-1	19582036	19448963	19507454	19512818	0.34	cps
Yttrium	89-2	2405133	2394230	2416092	2405152	0.45	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:03:08	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1010	1043	1113	1056	5.00	cps
Zirconium	90-1	1167	992	1025	1061	8.76	cps
Zirconium	91-1	200	133	283	206	36.56	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:06:44	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2975	2984	2659	2873	6.45	cps
Antimony	121-1	35822	35312	34042	35059	2.61	cps
Arsenic	75-2	589	556	500	548	8.19	cps
Barium	135-1	45784	44129	44899	44937	1.84	cps
Barium	137-1	79143	77542	75815	77500	2.15	cps
Beryllium	9-1	3406	3612	3767	3595	5.04	cps
Bismuth	209-1	13997292	13887468	13769941	13884900	0.82	cps
Bismuth	209-2	8116255	8101814	8109116	8109062	0.09	cps
Boron	10-1	13957	14257	14132	14115	1.07	cps
Boron	11-1	67753	67141	67644	67513	0.48	cps
Cadmium	111-1	10016	9910	9725	9883	1.49	cps
Cadmium	106-1	9846	10112	9662	9873	2.29	cps
Cadmium	108-1	404	467	475	449	8.63	cps
Calcium	43-1	27176	26391	25531	26366	3.12	cps
Calcium	44-1	441053	435097	435614	437255	0.75	cps
Chromium	52-2	10898	11131	10667	10899	2.13	cps
Cobalt	59-2	8769	8469	7969	8403	4.81	cps
Copper	63-2	13650	13113	12285	13016	5.28	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	20	37	10	22	60.63	cps
Erbium	164-1	83	92	108	94	13.48	cps
Erbium	164-2	63	57	90	70	25.20	cps
Gadolinium	160-1	208	167	192	189	11.11	cps
Gadolinium	160-2	337	317	317	323	3.57	cps
Holmium	165-1	21681830	21543638	21644432	21623300	0.33	cps
Holmium	165-2	10857736	10762462	10731852	10784016	0.61	cps
Indium	115-1	17092434	16866115	16985032	16981194	0.67	cps
Indium	115-2	3054303	3040788	3017466	3037519	0.61	cps
Iron	56-2	233843	230237	218935	227672	3.42	cps
Iron	57-2	29197	28747	27606	28517	2.88	cps
Krypton	83-1	1263	1337	1167	1256	6.79	cps
Lead	206-1	15899	16099	15782	15927	1.01	cps
Lead	207-1	14580	14531	14175	14429	1.53	cps
Lead	208-1	66244	65303	63906	65151	1.81	cps
Lithium	6-1	4086250	4083987	4078992	4083076	0.09	cps
Magnesium	24-2	187542	185231	177743	183505	2.79	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:06:44	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3060	3020	2984	3021	1.27	cps
Molybdenum	94-1	35612	36146	34000	35253	3.17	cps
Molybdenum	95-1	45080	46343	45799	45741	1.38	cps
Molybdenum	96-1	51987	52405	50875	51756	1.53	cps
Molybdenum	97-1	29123	28254	29381	28919	2.04	cps
Molybdenum	98-1	76239	74646	74068	74984	1.50	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	2430	2527	2304	2420	4.63	cps
Phosphorus	31-2	533	625	592	583	7.95	cps
Potassium	39-2	178249	180147	176410	178269	1.05	cps
Rhodium	103-1	15427499	15484792	15514097	15475463	0.28	cps
Rhodium	103-2	7213684	7306560	7173044	7231096	0.95	cps
Scandium	45-1	9635335	9596479	9622965	9618260	0.21	cps
Scandium	45-2	383650	380948	377813	380804	0.77	cps
Selenium	77-2	93	100	97	97	3.45	cps
Selenium	78-2	306	372	383	354	11.89	cps
Selenium	82-1	2202	2186	2292	2227	2.56	cps
Silicon	28-1	263322	262659	258581	261521	0.98	cps
Silver	109-1	16368	16143	16310	16274	0.72	cps
Silver	107-1	17169	17361	17036	17189	0.95	cps
Sodium	23-2	367845	365627	355510	362994	1.81	cps
Strontium	86-1	7986	7627	7777	7797	2.31	cps
Strontium	88-1	50850	51945	50038	50944	1.88	cps
Sulfur	34-1	520019	525703	528429	524717	0.82	cps
Terbium	159-1	22438346	22363899	22249676	22350641	0.43	cps
Terbium	159-2	10671506	10641830	10558492	10623943	0.55	cps
Thallium	203-1	19674	19006	19949	19543	2.48	cps
Thallium	205-1	46098	44643	45404	45381	1.60	cps
Thorium	232-1	51730	50392	48747	50290	2.97	cps
Tin	118-1	82115	80656	79700	80824	1.50	cps
Titanium	47-1	12289	12547	11864	12233	2.82	cps
Uranium	238-1	64644	64134	63070	63949	1.26	cps
Vanadium	51-2	20715	20264	18932	19970	4.64	cps
Yttrium	89-1	19004906	18869877	18963287	18946023	0.36	cps
Yttrium	89-2	2407489	2416307	2369886	2397894	1.03	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:06:44	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2914	3144	3074	3044	3.87	cps
Zirconium	90-1	25649	25248	25641	25513	0.90	cps
Zirconium	91-1	6035	5626	5601	5754	4.23	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:11:31	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	154498	157597	153944	155346	1.27	cps
Antimony	121-1	869114	869483	867065	868554	0.15	cps
Arsenic	75-2	26877	26914	26649	26813	0.54	cps
Barium	135-1	1106011	1110938	1092242	1103064	0.88	cps
Barium	137-1	1869295	1900258	1893837	1887797	0.87	cps
Beryllium	9-1	172389	172064	171834	172096	0.16	cps
Bismuth	209-1	13685711	13755269	13792210	13744397	0.39	cps
Bismuth	209-2	7973032	7854153	7730957	7852714	1.54	cps
Boron	10-1	28344	28411	29221	28659	1.70	cps
Boron	11-1	135185	137177	136335	136232	0.73	cps
Cadmium	111-1	269650	266759	266482	267630	0.66	cps
Cadmium	106-1	37843	38954	40425	39074	3.31	cps
Cadmium	108-1	20770	20820	20039	20543	2.13	cps
Calcium	43-1	258302	260489	258869	259220	0.44	cps
Calcium	44-1	4223950	4225191	4205982	4218374	0.25	cps
Chromium	52-2	238498	239642	238273	238804	0.31	cps
Cobalt	59-2	410393	409990	409735	410039	0.08	cps
Copper	63-2	603660	602203	597628	601164	0.52	cps
Dysprosium	156-1	50	58	33	47	26.97	cps
Dysprosium	156-2	30	57	47	44	30.31	cps
Erbium	164-1	117	200	175	164	26.09	cps
Erbium	164-2	67	70	107	81	27.36	cps
Gadolinium	160-1	225	258	225	236	8.15	cps
Gadolinium	160-2	357	373	447	392	12.21	cps
Holmium	165-1	21401905	21522316	21537029	21487083	0.35	cps
Holmium	165-2	10675875	10647375	10408727	10577326	1.39	cps
Indium	115-1	16922938	16708812	16859238	16830329	0.65	cps
Indium	115-2	2971625	2973179	2862786	2935863	2.16	cps
Iron	56-2	10472152	10381004	10382513	10411890	0.50	cps
Iron	57-2	1305923	1295170	1294812	1298635	0.49	cps
Krypton	83-1	1190	1200	1353	1248	7.34	cps
Lead	206-1	740138	755293	744199	746543	1.05	cps
Lead	207-1	660352	674950	666592	667298	1.10	cps
Lead	208-1	3004245	3046919	3034923	3028696	0.73	cps
Lithium	6-1	4058600	4066872	4024426	4049966	0.56	cps
Magnesium	24-2	1776749	1790450	1774579	1780593	0.48	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:11:31	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	280924	281933	280606	281154	0.25	cps
Molybdenum	94-1	1828930	1835945	1816192	1827022	0.55	cps
Molybdenum	95-1	2277100	2276155	2270680	2274645	0.15	cps
Molybdenum	96-1	2523660	2513108	2481954	2506241	0.87	cps
Molybdenum	97-1	1418017	1413907	1401867	1411264	0.59	cps
Molybdenum	98-1	3630945	3652256	3596913	3626705	0.77	cps
Neodymium	150-1	73	113	120	102	24.69	cps
Neodymium	150-2	7	13	27	16	65.47	cps
Nickel	60-2	110022	111412	110496	110644	0.64	cps
Phosphorus	31-2	900	1067	1058	1008	9.31	cps
Potassium	39-2	788048	784395	782730	785058	0.35	cps
Rhodium	103-1	15145860	15164709	15032376	15114315	0.47	cps
Rhodium	103-2	7077026	7091548	6821658	6996744	2.17	cps
Scandium	45-1	9524109	9447841	9390382	9454110	0.71	cps
Scandium	45-2	374310	371287	356998	367532	2.52	cps
Selenium	77-2	757	757	750	754	0.51	cps
Selenium	78-2	2739	2687	2737	2721	1.08	cps
Selenium	82-1	20639	20712	20555	20635	0.38	cps
Silicon	28-1	938640	938122	939823	938862	0.09	cps
Silver	109-1	1168363	1165304	1157785	1163817	0.47	cps
Silver	107-1	1207348	1215904	1216375	1213209	0.42	cps
Sodium	23-2	3480662	3454815	3461449	3465642	0.39	cps
Strontium	86-1	278297	283352	279214	280288	0.96	cps
Strontium	88-1	2436957	2425640	2398766	2420454	0.81	cps
Sulfur	34-1	522398	520369	512869	518545	0.97	cps
Terbium	159-1	22184066	22206450	22150530	22180349	0.13	cps
Terbium	159-2	10605749	10537453	10178970	10440724	2.20	cps
Thallium	203-1	931267	932924	934140	932777	0.15	cps
Thallium	205-1	2166930	2190120	2199054	2185368	0.76	cps
Thorium	232-1	15688	16088	15649	15808	1.54	cps
Tin	118-1	793404	787510	777541	786152	1.02	cps
Titanium	47-1	581851	578808	574497	578385	0.64	cps
Uranium	238-1	3097086	3089770	3081834	3089563	0.25	cps
Vanadium	51-2	185719	185871	186235	185942	0.14	cps
Yttrium	89-1	18818387	18720676	18586235	18708432	0.62	cps
Yttrium	89-2	2357033	2337330	2286820	2327061	1.56	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:11:31	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	97862	96436	95821	96706	1.08	cps
Zirconium	90-1	1477356	1462038	1464833	1468076	0.56	cps
Zirconium	91-1	326462	328367	324965	326598	0.52	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:15:41	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	371459	368347	379705	373170	1.57	cps
Antimony	121-1	2202636	2206480	2198206	2202441	0.19	cps
Arsenic	75-2	64072	64101	64579	64251	0.44	cps
Barium	135-1	2731574	2743801	2743656	2739677	0.26	cps
Barium	137-1	4688360	4682397	4714381	4695046	0.36	cps
Beryllium	9-1	424153	419818	419587	421186	0.61	cps
Bismuth	209-1	13673289	13524709	13586339	13594779	0.55	cps
Bismuth	209-2	7601342	7788953	7850414	7746903	1.67	cps
Boron	10-1	70004	70968	72207	71060	1.55	cps
Boron	11-1	331759	333182	336519	333820	0.73	cps
Cadmium	111-1	661313	652797	651727	655279	0.80	cps
Cadmium	106-1	84753	82841	83010	83535	1.27	cps
Cadmium	108-1	52192	51218	51824	51745	0.95	cps
Calcium	43-1	651457	643315	638840	644537	0.99	cps
Calcium	44-1	10479373	10372130	10308475	10386660	0.83	cps
Chromium	52-2	576127	570823	572945	573298	0.47	cps
Cobalt	59-2	991167	989935	992234	991112	0.12	cps
Copper	63-2	1433109	1425297	1435648	1431351	0.38	cps
Dysprosium	156-1	58	92	50	67	33.07	cps
Dysprosium	156-2	57	83	70	70	19.05	cps
Erbium	164-1	92	150	100	114	27.70	cps
Erbium	164-2	83	33	80	66	42.65	cps
Gadolinium	160-1	183	208	200	197	6.46	cps
Gadolinium	160-2	370	433	337	380	12.92	cps
Holmium	165-1	21632442	21635300	21455989	21574577	0.48	cps
Holmium	165-2	10308155	10422240	10604795	10445064	1.43	cps
Indium	115-1	16859467	16572964	16588939	16673790	0.97	cps
Indium	115-2	2810163	2835200	2881716	2842360	1.28	cps
Iron	56-2	25303371	25341588	25358696	25334552	0.11	cps
Iron	57-2	3153373	3161073	3163041	3159162	0.16	cps
Krypton	83-1	1290	1257	1293	1280	1.58	cps
Lead	206-1	1844149	1839308	1860114	1847857	0.59	cps
Lead	207-1	1658828	1638872	1676700	1658133	1.14	cps
Lead	208-1	7526678	7447491	7523084	7499084	0.60	cps
Lithium	6-1	3985073	3971244	3959859	3972058	0.32	cps
Magnesium	24-2	4259691	4239532	4306446	4268556	0.80	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:15:41	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	675839	677458	681487	678261	0.43	cps
Molybdenum	94-1	4539244	4563255	4547223	4549908	0.27	cps
Molybdenum	95-1	5596886	5612156	5582949	5597330	0.26	cps
Molybdenum	96-1	6289301	6250141	6244961	6261468	0.39	cps
Molybdenum	97-1	3551282	3515724	3529043	3532017	0.51	cps
Molybdenum	98-1	9136398	9134761	9054116	9108425	0.52	cps
Neodymium	150-1	267	400	287	318	22.63	cps
Neodymium	150-2	43	27	27	32	29.85	cps
Nickel	60-2	266619	262814	265787	265073	0.75	cps
Phosphorus	31-2	2309	2225	1992	2175	7.55	cps
Potassium	39-2	1854245	1855465	1851605	1853772	0.11	cps
Rhodium	103-1	15035210	15009308	14781639	14942052	0.93	cps
Rhodium	103-2	6721590	6805012	6916084	6814229	1.43	cps
Scandium	45-1	9441529	9297183	9230493	9323068	1.16	cps
Scandium	45-2	351666	357069	363504	357413	1.66	cps
Selenium	77-2	1873	1950	1913	1912	2.01	cps
Selenium	78-2	6387	6483	6398	6422	0.82	cps
Selenium	82-1	50205	50653	49859	50239	0.79	cps
Silicon	28-1	2102134	2107549	2116610	2108764	0.35	cps
Silver	109-1	2883989	2852860	2828913	2855254	0.97	cps
Silver	107-1	3009756	2984541	2966583	2986960	0.73	cps
Sodium	23-2	8338543	8340871	8419716	8366377	0.55	cps
Strontium	86-1	689492	682691	690550	687578	0.62	cps
Strontium	88-1	5929415	5921445	5950511	5933790	0.25	cps
Sulfur	34-1	520703	512979	507634	513772	1.28	cps
Terbium	159-1	22371278	22051728	22079092	22167366	0.80	cps
Terbium	159-2	10125293	10296339	10480468	10300700	1.72	cps
Thallium	203-1	2309482	2330817	2325196	2321832	0.48	cps
Thallium	205-1	5388198	5371558	5440417	5400058	0.67	cps
Thorium	232-1	35788	35320	36278	35796	1.34	cps
Tin	118-1	1989983	1973906	1979816	1981235	0.41	cps
Titanium	47-1	1431361	1423821	1413942	1423041	0.61	cps
Uranium	238-1	7735517	7721295	7716110	7724307	0.13	cps
Vanadium	51-2	450760	449183	451869	450604	0.30	cps
Yttrium	89-1	18647262	18506382	18530840	18561495	0.41	cps
Yttrium	89-2	2240017	2274357	2307395	2273923	1.48	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:15:41	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	227779	226304	229995	228026	0.81	cps
Zirconium	90-1	3704305	3687957	3671859	3688040	0.44	cps
Zirconium	91-1	831684	820920	815482	822695	1.00	cps

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 14:19:32 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	724650	720792	726237	723893	0.39	cps
Antimony	121-1	4246961	4225756	4247824	4240180	0.29	cps
Arsenic	75-2	124653	123168	124259	124026	0.62	cps
Barium	135-1	5295697	5261293	5251285	5269425	0.44	cps
Barium	137-1	9112258	9103550	9154030	9123279	0.30	cps
Beryllium	9-1	797326	800947	797673	798649	0.25	cps
Bismuth	209-1	13270043	13251777	13597770	13373197	1.46	cps
Bismuth	209-2	7611035	7514150	7531511	7552232	0.68	cps
Boron	10-1	135689	134082	138831	136201	1.77	cps
Boron	11-1	617341	637788	641694	632274	2.07	cps
Cadmium	111-1	1251064	1250355	1262462	1254627	0.54	cps
Cadmium	106-1	149937	151386	153464	151596	1.17	cps
Cadmium	108-1	97545	98015	98703	98088	0.59	cps
Calcium	43-1	1232494	1220094	1225929	1226172	0.51	cps
Calcium	44-1	19939895	19869191	19788517	19865868	0.38	cps
Chromium	52-2	1109543	1115071	1118557	1114390	0.41	cps
Cobalt	59-2	1904513	1913010	1906672	1908065	0.23	cps
Copper	63-2	2768728	2766068	2777234	2770677	0.21	cps
Dysprosium	156-1	117	100	117	111	8.66	cps
Dysprosium	156-2	100	103	123	109	11.59	cps
Erbium	164-1	92	83	117	97	17.84	cps
Erbium	164-2	60	97	110	89	29.13	cps
Gadolinium	160-1	242	167	233	214	19.22	cps
Gadolinium	160-2	347	383	400	377	7.24	cps
Holmium	165-1	21124597	21007895	21565047	21232513	1.38	cps
Holmium	165-2	10453126	10398590	10362040	10404585	0.44	cps
Indium	115-1	16023275	16010398	16539029	16190901	1.86	cps
Indium	115-2	2791192	2796102	2784477	2790590	0.21	cps
Iron	56-2	49423723	48914854	48777741	49038773	0.69	cps
Iron	57-2	6163490	6094546	6084553	6114196	0.70	cps
Krypton	83-1	1123	1110	1120	1118	0.62	cps
Lead	206-1	3589187	3589108	3589281	3589192	0.00	cps
Lead	207-1	3219715	3233279	3208649	3220548	0.38	cps
Lead	208-1	14613108	14678667	14595193	14628989	0.30	cps
Lithium	6-1	3798533	3793073	3886643	3826083	1.37	cps
Magnesium	24-2	8311155	8293670	8314275	8306367	0.13	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:19:32	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1323556	1314128	1313024	1316903	0.44	cps
Molybdenum	94-1	8848013	8766110	8812171	8808764	0.47	cps
Molybdenum	95-1	10932179	10907658	10910167	10916668	0.12	cps
Molybdenum	96-1	12145727	12052727	12139812	12112755	0.43	cps
Molybdenum	97-1	6797221	6773638	6837048	6802636	0.47	cps
Molybdenum	98-1	17494385	17483164	17721066	17566205	0.76	cps
Neodymium	150-1	493	393	507	464	13.34	cps
Neodymium	150-2	43	43	57	48	16.12	cps
Nickel	60-2	505408	509887	511001	508766	0.58	cps
Phosphorus	31-2	3976	4176	4359	4170	4.60	cps
Potassium	39-2	3612008	3586560	3592093	3596887	0.37	cps
Rhodium	103-1	14200393	14160757	14779095	14380081	2.41	cps
Rhodium	103-2	6654040	6624013	6626249	6634767	0.25	cps
Scandium	45-1	8973203	8949975	9113241	9012139	0.98	cps
Scandium	45-2	350877	351052	349070	350333	0.31	cps
Selenium	77-2	3604	3701	3731	3678	1.80	cps
Selenium	78-2	12183	12053	12025	12087	0.70	cps
Selenium	82-1	94477	95426	94197	94700	0.68	cps
Silicon	28-1	3865275	3902215	3920472	3895988	0.72	cps
Silver	109-1	5443104	5485289	5404854	5444416	0.74	cps
Silver	107-1	5706616	5678034	5750017	5711556	0.63	cps
Sodium	23-2	16300357	16250029	16196937	16249108	0.32	cps
Strontium	86-1	1318860	1324451	1332936	1325416	0.53	cps
Strontium	88-1	11545340	11588036	11565618	11566332	0.18	cps
Sulfur	34-1	504633	510784	508687	508034	0.62	cps
Terbium	159-1	21716396	21534834	22456666	21902632	2.23	cps
Terbium	159-2	10389934	10256560	10179648	10275381	1.04	cps
Thallium	203-1	4528013	4508942	4497488	4511481	0.34	cps
Thallium	205-1	10659023	10580062	10656127	10631738	0.42	cps
Thorium	232-1	68384	67814	67027	67742	1.01	cps
Tin	118-1	3825476	3833598	3812304	3823792	0.28	cps
Titanium	47-1	2742755	2710636	2718392	2723928	0.62	cps
Uranium	238-1	15253767	15256020	15423155	15310981	0.63	cps
Vanadium	51-2	876384	877719	872643	875582	0.30	cps
Yttrium	89-1	18044092	17971456	18545903	18187151	1.72	cps
Yttrium	89-2	2239165	2216793	2233045	2229668	0.52	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:19:32	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	436074	441907	436422	438135	0.75	cps
Zirconium	90-1	7167557	7133306	7116272	7139045	0.37	cps
Zirconium	91-1	1589989	1576993	1579463	1582148	0.44	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:23:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1424319	1434322	1411576	1423405	0.80	cps
Antimony	121-1	8161503	8211882	8195912	8189766	0.31	cps
Arsenic	75-2	237544	237263	238320	237709	0.23	cps
Barium	135-1	10175762	10178670	10171259	10175230	0.04	cps
Barium	137-1	17479120	17516577	17630047	17541915	0.45	cps
Beryllium	9-1	1493125	1504281	1502362	1499923	0.40	cps
Bismuth	209-1	12597825	12579401	12468216	12548481	0.56	cps
Bismuth	209-2	7196691	7164095	7232437	7197741	0.47	cps
Boron	10-1	252635	258390	258561	256528	1.31	cps
Boron	11-1	1203194	1221579	1228111	1217628	1.06	cps
Cadmium	111-1	2332921	2323404	2330561	2328962	0.21	cps
Cadmium	106-1	277682	279184	278981	278616	0.29	cps
Cadmium	108-1	185108	186582	185353	185681	0.43	cps
Calcium	43-1	2362580	2346562	2383735	2364292	0.79	cps
Calcium	44-1	38270502	38177804	38668683	38372330	0.68	cps
Chromium	52-2	2166669	2175410	2171294	2171124	0.20	cps
Cobalt	59-2	3689420	3678690	3704742	3690951	0.35	cps
Copper	63-2	5217342	5222906	5249139	5229796	0.32	cps
Dysprosium	156-1	233	192	200	208	10.58	cps
Dysprosium	156-2	217	210	223	217	3.08	cps
Erbium	164-1	167	133	67	122	41.66	cps
Erbium	164-2	100	83	57	80	27.32	cps
Gadolinium	160-1	217	250	208	225	9.80	cps
Gadolinium	160-2	397	390	370	386	3.60	cps
Holmium	165-1	20582200	20490550	20417533	20496761	0.40	cps
Holmium	165-2	10166951	10065403	10087523	10106626	0.53	cps
Indium	115-1	15307815	15420519	15284900	15337745	0.47	cps
Indium	115-2	2713042	2716992	2712699	2714244	0.09	cps
Iron	56-2	96126577	95524235	95650374	95767062	0.33	cps
Iron	57-2	11973424	11900237	11923432	11932364	0.31	cps
Krypton	83-1	1157	1150	1233	1180	3.92	cps
Lead	206-1	6940325	6942277	6875258	6919287	0.55	cps
Lead	207-1	6183429	6267945	6144282	6198552	1.02	cps
Lead	208-1	27980649	28209336	27697141	27962375	0.92	cps
Lithium	6-1	3650833	3641627	3631502	3641320	0.27	cps
Magnesium	24-2	16331421	16261107	16316507	16303011	0.23	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:23:20	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2555548	2572825	2590347	2572907	0.68	cps
Molybdenum	94-1	17058766	17081044	16983735	17041182	0.30	cps
Molybdenum	95-1	21162240	21184403	21183475	21176706	0.06	cps
Molybdenum	96-1	23397004	23514060	23477617	23462894	0.26	cps
Molybdenum	97-1	13121830	13209436	13291902	13207723	0.64	cps
Molybdenum	98-1	34079688	34130834	34433921	34214814	0.56	cps
Neodymium	150-1	800	980	867	882	10.32	cps
Neodymium	150-2	77	90	117	94	21.56	cps
Nickel	60-2	980680	985804	980484	982323	0.31	cps
Phosphorus	31-2	7611	7044	7569	7408	4.27	cps
Potassium	39-2	7060957	7086883	7055914	7067918	0.24	cps
Rhodium	103-1	13630326	13635042	13728729	13664699	0.41	cps
Rhodium	103-2	6443469	6393311	6381883	6406221	0.51	cps
Scandium	45-1	8667453	8683592	8711540	8687528	0.26	cps
Scandium	45-2	342218	345941	348134	345431	0.87	cps
Selenium	77-2	6808	6622	6728	6719	1.39	cps
Selenium	78-2	22649	22950	22942	22847	0.75	cps
Selenium	82-1	173911	173985	176305	174734	0.78	cps
Silicon	28-1	7246626	7275454	7397743	7306608	1.10	cps
Silver	109-1	10434422	10360594	10488794	10427936	0.62	cps
Silver	107-1	10869572	10869233	10800059	10846288	0.37	cps
Sodium	23-2	31911931	31737140	31903505	31850859	0.31	cps
Strontium	86-1	2534717	2566982	2543381	2548360	0.66	cps
Strontium	88-1	22312337	22553599	22396481	22420806	0.55	cps
Sulfur	34-1	527014	519647	528589	525083	0.91	cps
Terbium	159-1	21101223	21086654	21015108	21067662	0.22	cps
Terbium	159-2	10046616	10017083	10039727	10034475	0.15	cps
Thallium	203-1	8683637	8713224	8645401	8680754	0.39	cps
Thallium	205-1	20344450	20538811	20260254	20381172	0.70	cps
Thorium	232-1	129271	130393	129677	129780	0.44	cps
Tin	118-1	7382396	7362222	7392522	7379047	0.21	cps
Titanium	47-1	5257237	5255712	5272697	5261882	0.18	cps
Uranium	238-1	29460953	29613886	29392463	29489101	0.38	cps
Vanadium	51-2	1718894	1726498	1719604	1721665	0.24	cps
Yttrium	89-1	17318220	17522753	17525923	17455632	0.68	cps
Yttrium	89-2	2190468	2199623	2199406	2196499	0.24	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:23:20	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	818620	820983	820016	819873	0.14	cps
Zirconium	90-1	13757188	13772488	13844566	13791414	0.34	cps
Zirconium	91-1	3048446	3068550	3057835	3058277	0.33	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:27:07	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2903013	2915919	2915721	2911551	0.25	cps
Antimony	121-1	16362437	16676804	16467540	16502260	0.97	cps
Arsenic	75-2	476120	481347	481277	479581	0.63	cps
Barium	135-1	20527087	20844147	20613116	20661450	0.79	cps
Barium	137-1	35507558	36012358	35466092	35662003	0.85	cps
Beryllium	9-1	3002440	2988277	3006534	2999083	0.32	cps
Bismuth	209-1	12229180	12365707	12450705	12348531	0.91	cps
Bismuth	209-2	7118578	6510656	7045388	6891541	4.82	cps
Boron	10-1	510327	521276	529198	520267	1.82	cps
Boron	11-1	2394455	2461638	2489652	2448582	2.00	cps
Cadmium	111-1	4726522	4776436	4778198	4760385	0.62	cps
Cadmium	106-1	551873	562298	555116	556429	0.96	cps
Cadmium	108-1	378218	379984	376204	378135	0.50	cps
Calcium	43-1	4776603	4882596	4898529	4852576	1.37	cps
Calcium	44-1	77863831	78777556	79110056	78583814	0.82	cps
Chromium	52-2	4380581	4409738	4457406	4415909	0.88	cps
Cobalt	59-2	7443293	7452124	7462562	7452659	0.13	cps
Copper	63-2	11116201	11106963	11132157	11118440	0.11	cps
Dysprosium	156-1	458	500	275	411	29.12	cps
Dysprosium	156-2	447	467	467	460	2.51	cps
Erbium	164-1	150	133	200	161	21.53	cps
Erbium	164-2	97	90	110	99	10.30	cps
Gadolinium	160-1	317	300	275	297	7.05	cps
Gadolinium	160-2	393	337	337	356	9.20	cps
Holmium	165-1	20633229	20917658	20551166	20700684	0.93	cps
Holmium	165-2	10209087	9406754	10107891	9907911	4.41	cps
Indium	115-1	15065922	15330587	15345981	15247496	1.03	cps
Indium	115-2	2688616	2498917	2672594	2620043	4.02	cps
Iron	56-2	193589443	195071699	195714321	194791821	0.56	cps
Iron	57-2	24096601	24265725	24370268	24244198	0.57	cps
Krypton	83-1	1213	1207	1087	1169	6.10	cps
Lead	206-1	13741574	13991327	13682814	13805238	1.19	cps
Lead	207-1	12323369	12389489	12256686	12323181	0.54	cps
Lead	208-1	55694185	56225053	55593449	55837562	0.61	cps
Lithium	6-1	3611865	3685526	3684967	3660786	1.16	cps
Magnesium	24-2	33099124	33220756	33470907	33263596	0.57	cps

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 14:27:07 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5165938	5198096	5243798	5202611	0.75	cps
Molybdenum	94-1	34533603	34756218	35096116	34795313	0.81	cps
Molybdenum	95-1	42995090	43139227	43306128	43146815	0.36	cps
Molybdenum	96-1	48121753	47903527	48088657	48037979	0.24	cps
Molybdenum	97-1	26980219	27299389	26971624	27083744	0.69	cps
Molybdenum	98-1	69606768	70185241	69733114	69841708	0.44	cps
Neodymium	150-1	1834	1760	1847	1814	2.57	cps
Neodymium	150-2	160	200	160	173	13.33	cps
Nickel	60-2	1946148	1948841	1954908	1949966	0.23	cps
Phosphorus	31-2	15917	16051	16276	16081	1.13	cps
Potassium	39-2	14418858	14513299	14676835	14536331	0.90	cps
Rhodium	103-1	13300354	13643834	13640178	13528122	1.46	cps
Rhodium	103-2	6425078	5879261	6334224	6212854	4.71	cps
Scandium	45-1	8797142	8956554	9015421	8923039	1.27	cps
Scandium	45-2	355576	327007	353754	345446	4.63	cps
Selenium	77-2	13500	13016	13430	13315	1.96	cps
Selenium	78-2	45575	46043	46090	45903	0.62	cps
Selenium	82-1	346197	348128	345756	346694	0.36	cps
Silicon	28-1	12888392	13128472	13143438	13053434	1.10	cps
Silver	109-1	21279690	21309450	21340482	21309874	0.14	cps
Silver	107-1	21965987	22229014	22086395	22093799	0.60	cps
Sodium	23-2	64899983	65469091	65463979	65277684	0.50	cps
Strontium	86-1	5101994	5157249	5094980	5118075	0.67	cps
Strontium	88-1	44967231	45562658	45400389	45310093	0.68	cps
Sulfur	34-1	621012	616087	614590	617230	0.54	cps
Terbium	159-1	20987116	21425187	21335017	21249107	1.09	cps
Terbium	159-2	10148763	9270792	10036454	9818670	4.87	cps
Thallium	203-1	17252794	17483348	17275767	17337303	0.73	cps
Thallium	205-1	40611321	41135673	40794738	40847244	0.65	cps
Thorium	232-1	553611	555114	559124	555949	0.51	cps
Tin	118-1	14759153	15010935	14995681	14921923	0.95	cps
Titanium	47-1	10723687	10868255	10863229	10818390	0.76	cps
Uranium	238-1	59389455	59611495	59223939	59408296	0.33	cps
Vanadium	51-2	3503954	3535848	3539982	3526595	0.56	cps
Yttrium	89-1	17476923	17685574	17653119	17605206	0.64	cps
Yttrium	89-2	2231330	2063539	2224268	2173046	4.37	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:27:07	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1769623	1793660	1815840	1793041	1.29	cps
Zirconium	90-1	28047471	28339389	28235984	28207615	0.52	cps
Zirconium	91-1	6235884	6255684	6321421	6270996	0.71	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:30:56	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14740274	15104974	15328810	15058019	1.97	cps
Antimony	121-1	16118	17545	19464	17709	9.48	cps
Arsenic	75-2	230	231	248	236	4.31	cps
Barium	135-1	4284	4276	4076	4212	2.80	cps
Barium	137-1	7844	8094	7286	7741	5.35	cps
Beryllium	9-1	528	711	544	594	17.06	cps
Bismuth	209-1	10376844	10473978	10381945	10410922	0.53	cps
Bismuth	209-2	6081753	5886566	6124717	6031012	2.10	cps
Boron	10-1	12873	11813	11413	12033	6.27	cps
Boron	11-1	64765	58540	51129	58144	11.74	cps
Cadmium	111-1	5336	5537	5622	5498	2.67	cps
Cadmium	106-1	8636	8828	9112	8859	2.70	cps
Cadmium	108-1	129	146	138	138	6.06	cps
Calcium	43-1	23853605	24276736	24202006	24110782	0.94	cps
Calcium	44-1	387728275	393693817	390379742	390600612	0.77	cps
Chromium	52-2	124110	125454	125253	124939	0.58	cps
Cobalt	59-2	14237	14658	14751	14548	1.88	cps
Copper	63-2	18272	18555	17838	18222	1.98	cps
Dysprosium	156-1	67	58	67	64	7.53	cps
Dysprosium	156-2	40	33	47	40	16.68	cps
Erbium	164-1	92	133	125	117	18.90	cps
Erbium	164-2	57	83	70	70	19.05	cps
Gadolinium	160-1	217	208	175	200	11.02	cps
Gadolinium	160-2	340	377	430	382	11.84	cps
Holmium	165-1	18805828	19109183	19100391	19005134	0.91	cps
Holmium	165-2	9552258	9660578	9735300	9649379	0.95	cps
Indium	115-1	14400444	14428264	14455365	14428025	0.19	cps
Indium	115-2	2618282	2668835	2678866	2655328	1.22	cps
Iron	56-2	972061222	978646689	989088422	979932111	0.88	cps
Iron	57-2	121214496	122186421	123230261	122210392	0.82	cps
Krypton	83-1	1367	1313	1297	1326	2.76	cps
Lead	206-1	47379	47295	47190	47288	0.20	cps
Lead	207-1	43466	43154	43093	43238	0.46	cps
Lead	208-1	191318	193368	193196	192627	0.59	cps
Lithium	6-1	3574634	3600848	3641465	3605649	0.93	cps
Magnesium	24-2	169377479	171721566	172758533	171285859	1.01	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:30:56	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19393	19176	19724	19431	1.42	cps
Molybdenum	94-1	25841	26576	27010	26475	2.23	cps
Molybdenum	95-1	40910	41102	40759	40923	0.42	cps
Molybdenum	96-1	51118	49670	51427	50738	1.85	cps
Molybdenum	97-1	25190	25006	24856	25017	0.67	cps
Molybdenum	98-1	62857	64990	63751	63866	1.68	cps
Neodymium	150-1	187	200	207	198	5.15	cps
Neodymium	150-2	67	63	67	66	2.94	cps
Nickel	60-2	38811	39326	39092	39077	0.66	cps
Phosphorus	31-2	233	242	183	219	14.37	cps
Potassium	39-2	77709398	78329754	79669408	78569520	1.28	cps
Rhodium	103-1	12184338	12246392	12236271	12222334	0.27	cps
Rhodium	103-2	5844176	5882276	5930729	5885727	0.74	cps
Scandium	45-1	8767888	8851295	8893982	8837722	0.73	cps
Scandium	45-2	370611	375586	376979	374392	0.89	cps
Selenium	77-2	13	17	7	12	41.65	cps
Selenium	78-2	65	89	67	73	18.23	cps
Selenium	82-1	98	26	130	85	62.94	cps
Silicon	28-1	1122635	1166903	1166800	1152113	2.22	cps
Silver	109-1	3042	3100	3276	3139	3.87	cps
Silver	107-1	3767	3526	3234	3509	7.61	cps
Sodium	23-2	327436774	332174182	335862466	331824474	1.27	cps
Strontium	86-1	23253	23445	23111	23270	0.72	cps
Strontium	88-1	188523	189680	190441	189548	0.51	cps
Sulfur	34-1	454066	457558	467488	459704	1.51	cps
Terbium	159-1	19577326	19650088	19652091	19626502	0.22	cps
Terbium	159-2	9475830	9617267	9675496	9589531	1.07	cps
Thallium	203-1	4134	4151	4434	4240	3.98	cps
Thallium	205-1	9737	9712	8795	9415	5.70	cps
Thorium	232-1	2372	2156	2189	2239	5.21	cps
Tin	118-1	10054	10696	10288	10346	3.14	cps
Titanium	47-1	3325	3526	2942	3264	9.08	cps
Uranium	238-1	8745	8762	8762	8756	0.11	cps
Vanadium	51-2	1100	1173	1157	1143	3.36	cps
Yttrium	89-1	17240223	17503608	17420900	17388244	0.77	cps
Yttrium	89-2	2295413	2313920	2323633	2310989	0.62	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:30:56	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	22120	22451	22063	22211	0.94	cps
Zirconium	90-1	8369	8878	8845	8697	3.27	cps
Zirconium	91-1	1650	1759	1700	1703	3.18	cps

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 14:40:56 DataFile Name : 011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78849	79352	79143	79115	0.32	cps
Antimony	121-1	3508290	3450510	3506710	3488503	0.94	cps
Arsenic	75-2	110699	109740	109880	110106	0.47	cps
Barium	135-1	437806	431780	441317	436968	1.10	cps
Barium	137-1	753781	751150	758818	754583	0.52	cps
Beryllium	9-1	344926	336269	341421	340872	1.28	cps
Bismuth	209-1	13793036	13447164	13742991	13661064	1.37	cps
Bismuth	209-2	7949114	7808957	7877539	7878537	0.89	cps
Boron	10-1	295164	300761	308244	301390	2.18	cps
Boron	11-1	1404303	1420768	1433295	1419455	1.02	cps
Cadmium	111-1	546273	549112	555516	550300	0.86	cps
Cadmium	106-1	121585	123156	122896	122546	0.69	cps
Cadmium	108-1	69243	68389	69675	69102	0.95	cps
Calcium	43-1	124924	123269	124597	124263	0.71	cps
Calcium	44-1	1941192	1901796	1943550	1928846	1.22	cps
Chromium	52-2	478311	476188	473655	476051	0.49	cps
Cobalt	59-2	838029	837470	833789	836429	0.28	cps
Copper	63-2	608581	601765	601938	604095	0.64	cps
Dysprosium	156-1	83	67	75	75	11.11	cps
Dysprosium	156-2	47	47	30	41	23.41	cps
Erbium	164-1	225	150	217	197	20.84	cps
Erbium	164-2	87	163	83	111	40.73	cps
Gadolinium	160-1	217	208	233	219	5.80	cps
Gadolinium	160-2	400	307	343	350	13.43	cps
Holmium	165-1	21827749	21479719	21681119	21662862	0.81	cps
Holmium	165-2	10733499	10627582	10635356	10665479	0.55	cps
Indium	115-1	17380866	17160062	17389054	17309994	0.75	cps
Indium	115-2	3004029	2988713	2994211	2995651	0.26	cps
Iron	56-2	4529571	4517662	4488003	4511746	0.47	cps
Iron	57-2	567048	566964	562784	565599	0.43	cps
Krypton	83-1	1160	1220	1230	1203	3.15	cps
Lead	206-1	3169582	3187804	3222263	3193216	0.84	cps
Lead	207-1	2838518	2836436	2875676	2850210	0.77	cps
Lead	208-1	13054316	12907757	13099887	13020653	0.77	cps
Lithium	6-1	4324050	4225088	4303639	4284259	1.22	cps
Magnesium	24-2	447975	446739	439605	444773	1.02	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:40:56	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	283526	282630	281005	282387	0.45	cps
Molybdenum	94-1	19109586	18915139	19125353	19050026	0.61	cps
Molybdenum	95-1	24062727	23782599	24215868	24020398	0.91	cps
Molybdenum	96-1	26503442	26261750	26835250	26533480	1.09	cps
Molybdenum	97-1	14903254	14862324	15139470	14968349	1.00	cps
Molybdenum	98-1	38860395	38513855	39054396	38809548	0.71	cps
Neodymium	150-1	33	7	60	33	80.00	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	222383	223219	223862	223155	0.33	cps
Phosphorus	31-2	208	108	217	178	33.91	cps
Potassium	39-2	660442	667132	656819	661464	0.79	cps
Rhodium	103-1	15923433	15813105	15964157	15900231	0.49	cps
Rhodium	103-2	7276015	7256343	7263176	7265178	0.14	cps
Scandium	45-1	10287711	10122008	10267231	10225650	0.88	cps
Scandium	45-2	394779	391198	393050	393009	0.46	cps
Selenium	77-2	3164	3367	3217	3249	3.25	cps
Selenium	78-2	10760	10941	11036	10912	1.29	cps
Selenium	82-1	84237	82965	84961	84054	1.20	cps
Silicon	28-1	5344458	5321582	5410383	5358808	0.86	cps
Silver	109-1	2271898	2272244	2326781	2290308	1.38	cps
Silver	107-1	2421398	2392105	2437848	2417117	0.96	cps
Sodium	23-2	1421852	1422915	1417356	1420708	0.21	cps
Strontium	86-1	2819498	2811023	2853507	2828009	0.80	cps
Strontium	88-1	25045128	24892259	24927189	24954859	0.32	cps
Sulfur	34-1	510968	501254	493601	501941	1.73	cps
Terbium	159-1	22430995	22252641	22585838	22423158	0.74	cps
Terbium	159-2	10592527	10511406	10518643	10540858	0.43	cps
Thallium	203-1	4061235	4038102	4104463	4067933	0.83	cps
Thallium	205-1	9826078	9699877	9883183	9803046	0.96	cps
Thorium	232-1	2423	2306	2345	2358	2.52	cps
Tin	118-1	7679618	7635631	7710373	7675207	0.49	cps
Titanium	47-1	6248540	6167746	6206282	6207523	0.65	cps
Uranium	238-1	33060234	32296696	32633335	32663422	1.17	cps
Vanadium	51-2	381604	377144	373792	377514	1.04	cps
Yttrium	89-1	19857654	19573121	19866431	19765736	0.84	cps
Yttrium	89-2	2423255	2432459	2402104	2419272	0.64	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:40:56	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	198793	195513	194314	196207	1.18	cps
Zirconium	90-1	15010227	14792119	15202541	15001629	1.37	cps
Zirconium	91-1	3274666	3263471	3345577	3294571	1.35	cps

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 14:48:47 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	92	83	86	5.58	cps
Antimony	121-1	2059	2209	2150	2139	3.54	cps
Arsenic	75-2	44	9	15	23	82.83	cps
Barium	135-1	92	42	83	72	37.09	cps
Barium	137-1	117	183	142	147	22.88	cps
Beryllium	9-1	150	194	156	167	14.53	cps
Bismuth	209-1	13752215	13714473	13583341	13683343	0.65	cps
Bismuth	209-2	8062053	7953221	7879233	7964836	1.15	cps
Boron	10-1	3050	3309	2975	3112	5.62	cps
Boron	11-1	15976	15375	15083	15478	2.94	cps
Cadmium	111-1	4843	4720	4633	4732	2.23	cps
Cadmium	106-1	9512	9287	9095	9298	2.24	cps
Cadmium	108-1	25	21	33	26	24.12	cps
Calcium	43-1	442	433	425	433	1.92	cps
Calcium	44-1	17002	16310	16160	16491	2.73	cps
Chromium	52-2	1010	1103	1013	1042	5.08	cps
Cobalt	59-2	113	143	120	126	12.55	cps
Copper	63-2	760	750	720	743	2.80	cps
Dysprosium	156-1	42	75	58	58	28.57	cps
Dysprosium	156-2	17	27	23	22	22.91	cps
Erbium	164-1	108	142	67	106	35.60	cps
Erbium	164-2	67	53	43	54	21.51	cps
Gadolinium	160-1	233	167	167	189	20.38	cps
Gadolinium	160-2	350	373	357	360	3.34	cps
Holmium	165-1	21629447	21789729	21492529	21637235	0.69	cps
Holmium	165-2	10817865	10788037	10549333	10718412	1.37	cps
Indium	115-1	17715151	17783029	17411101	17636427	1.12	cps
Indium	115-2	3060889	3080961	3036452	3059434	0.73	cps
Iron	56-2	10693	10510	10899	10700	1.82	cps
Iron	57-2	1375	1362	1479	1405	4.55	cps
Krypton	83-1	1190	1307	1287	1261	4.95	cps
Lead	206-1	1706	1900	1895	1834	6.04	cps
Lead	207-1	1645	1728	1711	1695	2.60	cps
Lead	208-1	6573	6740	6773	6695	1.60	cps
Lithium	6-1	4337786	4317063	4278688	4311179	0.70	cps
Magnesium	24-2	942	917	992	950	4.02	cps

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 14:48:47 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	47	70	59	19.88	cps
Molybdenum	94-1	1617	1550	1617	1595	2.41	cps
Molybdenum	95-1	2017	2067	2200	2095	4.53	cps
Molybdenum	96-1	2234	2517	2359	2370	5.99	cps
Molybdenum	97-1	1000	1342	1400	1247	17.33	cps
Molybdenum	98-1	3334	3259	3167	3253	2.57	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	110	107	80	99	16.63	cps
Phosphorus	31-2	150	200	208	186	16.95	cps
Potassium	39-2	24171	24630	24003	24268	1.34	cps
Rhodium	103-1	16096889	16095877	15721861	15971543	1.35	cps
Rhodium	103-2	7484166	7470415	7369387	7441323	0.84	cps
Scandium	45-1	10349869	10345375	10268029	10321091	0.45	cps
Scandium	45-2	402466	401046	397891	400468	0.58	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	54	78	76	69	19.38	cps
Selenium	82-1	66	-44	55	26	234.75	cps
Silicon	28-1	187538	184742	185185	185822	0.81	cps
Silver	109-1	175	250	317	247	28.67	cps
Silver	107-1	358	208	350	306	27.59	cps
Sodium	23-2	29313	29271	29338	29307	0.12	cps
Strontium	86-1	2050	2084	2075	2070	0.84	cps
Strontium	88-1	992	1050	1108	1050	5.56	cps
Sulfur	34-1	529717	533381	527479	530192	0.56	cps
Terbium	159-1	22539093	22571626	22179730	22430149	0.97	cps
Terbium	159-2	10703894	10744989	10582131	10677005	0.79	cps
Thallium	203-1	1400	1133	1183	1239	11.44	cps
Thallium	205-1	2525	2459	2584	2523	2.48	cps
Thorium	232-1	1867	1656	2095	1872	11.72	cps
Tin	118-1	2475	2725	2892	2698	7.78	cps
Titanium	47-1	375	333	383	364	7.36	cps
Uranium	238-1	3126	3142	3209	3159	1.40	cps
Vanadium	51-2	23	30	13	22	37.76	cps
Yttrium	89-1	19784293	19822581	19582313	19729729	0.65	cps
Yttrium	89-2	2465626	2485180	2442517	2464441	0.87	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:48:47	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1077	1073	1047	1066	1.54	cps
Zirconium	90-1	1467	1742	1517	1575	9.30	cps
Zirconium	91-1	342	258	292	297	14.11	cps

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 14:52:25 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14125705	14097867	14082944	14102172	0.15	cps
Antimony	121-1	21417	22394	22118	21976	2.29	cps
Arsenic	75-2	198	172	169	180	8.99	cps
Barium	135-1	5968	5760	6519	6082	6.44	cps
Barium	137-1	10196	10438	10346	10327	1.18	cps
Beryllium	9-1	1033	1133	1045	1070	5.12	cps
Bismuth	209-1	12414327	12535411	12424314	12458017	0.54	cps
Bismuth	209-2	7225138	7259976	7345509	7276875	0.85	cps
Boron	10-1	3776	3559	3409	3581	5.15	cps
Boron	11-1	16201	16818	16460	16493	1.88	cps
Cadmium	111-1	7821	8600	7755	8059	5.84	cps
Cadmium	106-1	9028	9612	8861	9167	4.30	cps
Cadmium	108-1	6827	6714	6314	6618	4.07	cps
Calcium	43-1	5235673	5259916	5313619	5269736	0.76	cps
Calcium	44-1	84976650	84851912	85905021	85244528	0.67	cps
Chromium	52-2	95389	95926	95661	95659	0.28	cps
Cobalt	59-2	9730	9723	10100	9851	2.19	cps
Copper	63-2	46093	44969	46537	45866	1.76	cps
Dysprosium	156-1	42	108	117	89	46.24	cps
Dysprosium	156-2	30	47	60	46	32.99	cps
Erbium	164-1	175	208	158	181	14.10	cps
Erbium	164-2	107	103	83	98	12.90	cps
Gadolinium	160-1	292	208	275	258	17.07	cps
Gadolinium	160-2	433	400	493	442	10.70	cps
Holmium	165-1	21542687	21549706	21571954	21554782	0.07	cps
Holmium	165-2	10684190	10680598	10760785	10708524	0.42	cps
Indium	115-1	16522341	16659151	16718476	16633323	0.60	cps
Indium	115-2	2886502	2892980	2917131	2898871	0.56	cps
Iron	56-2	420176298	418295832	421149276	419873802	0.35	cps
Iron	57-2	52230597	52066575	52365333	52220835	0.29	cps
Krypton	83-1	1263	1250	1220	1245	1.78	cps
Lead	206-1	67231	64417	65807	65819	2.14	cps
Lead	207-1	54099	52075	52526	52900	2.01	cps
Lead	208-1	250893	247270	248572	248912	0.74	cps
Lithium	6-1	4010042	4067765	4042707	4040171	0.72	cps
Magnesium	24-2	36066357	35833173	36221020	36040183	0.54	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:52:25	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22227	22127	22704	22353	1.38	cps
Molybdenum	94-1	9851815	9952961	9902824	9902533	0.51	cps
Molybdenum	95-1	17370749	17534458	17533541	17479583	0.54	cps
Molybdenum	96-1	18653326	18909480	18716175	18759660	0.71	cps
Molybdenum	97-1	10832120	10936795	10910441	10893119	0.50	cps
Molybdenum	98-1	27811932	28307855	28278317	28132701	0.99	cps
Neodymium	150-1	107	73	120	100	24.03	cps
Neodymium	150-2	43	27	47	39	27.55	cps
Nickel	60-2	11378	11708	11345	11477	1.75	cps
Phosphorus	31-2	811563	803074	806109	806915	0.53	cps
Potassium	39-2	32378583	32359403	32335071	32357685	0.07	cps
Rhodium	103-1	14530346	14752933	14712382	14665220	0.81	cps
Rhodium	103-2	6817680	6820699	6892497	6843625	0.62	cps
Scandium	45-1	10033408	10123014	10110080	10088834	0.48	cps
Scandium	45-2	393403	394538	395258	394400	0.24	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	74	74	65	71	7.53	cps
Selenium	82-1	-5	65	128	63	106.75	cps
Silicon	28-1	412243	416922	414028	414397	0.57	cps
Silver	109-1	892	1158	1400	1150	22.11	cps
Silver	107-1	1217	1175	1217	1203	2.00	cps
Sodium	23-2	69374335	69299970	70191112	69621806	0.71	cps
Strontium	86-1	193038	195798	196232	195023	0.89	cps
Strontium	88-1	1687887	1708901	1698719	1698502	0.62	cps
Sulfur	34-1	8006323	8126599	8143309	8092077	0.92	cps
Terbium	159-1	22262362	22185288	22383711	22277120	0.45	cps
Terbium	159-2	10568314	10498790	10696179	10587761	0.95	cps
Thallium	203-1	8470	9762	9888	9373	8.37	cps
Thallium	205-1	18497	21844	22211	20851	9.82	cps
Thorium	232-1	1845	1884	1906	1878	1.65	cps
Tin	118-1	5393	5026	4351	4923	10.74	cps
Titanium	47-1	4864929	4875137	4898451	4879506	0.35	cps
Uranium	238-1	3342	3384	3251	3326	2.05	cps
Vanadium	51-2	703	563	647	638	11.04	cps
Yttrium	89-1	19289102	19518086	19465190	19424126	0.62	cps
Yttrium	89-2	2398143	2429635	2444429	2424069	0.98	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:52:25	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10707	10607	10517	10611	0.90	cps
Zirconium	90-1	2642	3342	4426	3470	25.90	cps
Zirconium	91-1	733	483	1000	739	34.97	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:56:03	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14275346	14217110	14114032	14202163	0.58	cps
Antimony	121-1	363431	361052	366841	363774	0.80	cps
Arsenic	75-2	10624	10702	10674	10667	0.37	cps
Barium	135-1	92935	92699	94202	93279	0.87	cps
Barium	137-1	159744	159775	162340	160620	0.93	cps
Beryllium	9-1	65982	65614	65408	65668	0.44	cps
Bismuth	209-1	12502944	12456640	12661382	12540322	0.86	cps
Bismuth	209-2	7389888	7331032	7273048	7331323	0.80	cps
Boron	10-1	29730	29538	29421	29563	0.53	cps
Boron	11-1	139480	140725	139530	139912	0.50	cps
Cadmium	111-1	105588	103370	106047	105002	1.36	cps
Cadmium	106-1	24013	23729	24046	23929	0.73	cps
Cadmium	108-1	15842	15505	14900	15416	3.10	cps
Calcium	43-1	5301871	5296726	5280730	5293109	0.21	cps
Calcium	44-1	85606527	85217639	85672014	85498727	0.29	cps
Chromium	52-2	191631	192540	192354	192175	0.25	cps
Cobalt	59-2	174744	172805	172335	173295	0.74	cps
Copper	63-2	162585	161937	162500	162341	0.22	cps
Dysprosium	156-1	83	175	158	139	35.16	cps
Dysprosium	156-2	77	67	53	66	17.86	cps
Erbium	164-1	208	183	117	169	27.97	cps
Erbium	164-2	77	83	73	78	6.55	cps
Gadolinium	160-1	292	300	250	281	9.55	cps
Gadolinium	160-2	443	327	463	411	17.95	cps
Holmium	165-1	21594928	21734442	21597542	21642304	0.37	cps
Holmium	165-2	10793252	10854498	10652010	10766587	0.96	cps
Indium	115-1	16811311	16789626	16857373	16819437	0.21	cps
Indium	115-2	2920073	2946472	2897175	2921240	0.84	cps
Iron	56-2	420472009	421018509	422165054	421218524	0.21	cps
Iron	57-2	52392578	52500449	52562199	52485075	0.16	cps
Krypton	83-1	1253	1393	1377	1341	5.70	cps
Lead	206-1	336556	341480	347608	341881	1.62	cps
Lead	207-1	291182	293408	293032	292540	0.41	cps
Lead	208-1	1325145	1343360	1353768	1340758	1.08	cps
Lithium	6-1	4026929	4015422	4027258	4023203	0.17	cps
Magnesium	24-2	36332948	36042217	35855404	36076856	0.67	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:56:03	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	78974	79275	78458	78902	0.52	cps
Molybdenum	94-1	10696328	10854576	10768486	10773130	0.74	cps
Molybdenum	95-1	18163277	18178953	18109640	18150623	0.20	cps
Molybdenum	96-1	19427899	19609188	19320901	19452663	0.75	cps
Molybdenum	97-1	11273156	11370093	11171474	11271574	0.88	cps
Molybdenum	98-1	28898682	29224989	28698728	28940800	0.92	cps
Neodymium	150-1	120	87	140	116	23.32	cps
Neodymium	150-2	43	50	40	44	11.46	cps
Nickel	60-2	53792	53635	53718	53715	0.15	cps
Phosphorus	31-2	811161	813561	803675	809466	0.64	cps
Potassium	39-2	32628672	32294858	32259322	32394284	0.63	cps
Rhodium	103-1	14713016	14817303	14764980	14765100	0.35	cps
Rhodium	103-2	6895000	6885544	6836773	6872439	0.45	cps
Scandium	45-1	10171664	10154177	10188158	10171333	0.17	cps
Scandium	45-2	397494	396037	395497	396343	0.26	cps
Selenium	77-2	257	303	290	283	8.48	cps
Selenium	78-2	1098	1013	1063	1058	4.05	cps
Selenium	82-1	7507	7619	7646	7591	0.97	cps
Silicon	28-1	939269	937364	937984	938206	0.10	cps
Silver	109-1	415319	417511	412946	415259	0.55	cps
Silver	107-1	437061	438156	434415	436544	0.44	cps
Sodium	23-2	70223368	69717152	69801091	69913870	0.39	cps
Strontium	86-1	472605	479125	473519	475083	0.74	cps
Strontium	88-1	4136496	4126125	4106384	4123002	0.37	cps
Sulfur	34-1	8160089	8068481	8125916	8118162	0.57	cps
Terbium	159-1	22196357	22464592	22389445	22350131	0.62	cps
Terbium	159-2	10686296	10764555	10514764	10655205	1.20	cps
Thallium	203-1	348485	355258	351204	351649	0.97	cps
Thallium	205-1	819334	833938	835822	829698	1.09	cps
Thorium	232-1	1900	1906	2017	1941	3.39	cps
Tin	118-1	727544	733732	738163	733146	0.73	cps
Titanium	47-1	5014346	5072527	5057584	5048152	0.60	cps
Uranium	238-1	2867831	2909771	2883030	2886877	0.74	cps
Vanadium	51-2	77821	77600	77113	77511	0.47	cps
Yttrium	89-1	19742200	19541051	19620738	19634663	0.52	cps
Yttrium	89-2	2435131	2463065	2418354	2438850	0.93	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:56:03	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	28084	27723	27800	27869	0.68	cps
Zirconium	90-1	1484217	1481284	1475888	1480463	0.29	cps
Zirconium	91-1	326405	329432	330047	328628	0.59	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:59:41	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8448365	8436994	8458626	8447995	0.13	cps
Antimony	121-1	8244575	8135542	8153865	8177994	0.71	cps
Arsenic	75-2	250788	253800	253386	252658	0.65	cps
Barium	135-1	10426436	10448998	10411022	10428819	0.18	cps
Barium	137-1	17926495	18047702	18035243	18003147	0.37	cps
Beryllium	9-1	1556113	1560279	1549487	1555293	0.35	cps
Bismuth	209-1	11607866	11443157	11302332	11451118	1.34	cps
Bismuth	209-2	6826873	6769966	6788543	6795127	0.43	cps
Boron	10-1	269827	278907	277123	275286	1.75	cps
Boron	11-1	1275386	1303576	1286039	1288334	1.10	cps
Cadmium	111-1	2419931	2426181	2406549	2417554	0.41	cps
Cadmium	106-1	291926	294947	289415	292096	0.95	cps
Cadmium	108-1	194764	190216	193801	192927	1.24	cps
Calcium	43-1	12978270	12931250	12982685	12964068	0.22	cps
Calcium	44-1	208766638	209326096	210194988	209429241	0.34	cps
Chromium	52-2	2457246	2455607	2474148	2462334	0.42	cps
Cobalt	59-2	3971974	4007965	4007929	3995956	0.52	cps
Copper	63-2	6380933	6413854	6359199	6384662	0.43	cps
Dysprosium	156-1	250	275	300	275	9.09	cps
Dysprosium	156-2	290	307	290	296	3.26	cps
Erbium	164-1	142	133	92	122	21.92	cps
Erbium	164-2	80	83	67	77	11.50	cps
Gadolinium	160-1	225	158	217	200	18.16	cps
Gadolinium	160-2	383	333	413	377	10.73	cps
Holmium	165-1	20418736	20433751	20266898	20373128	0.45	cps
Holmium	165-2	10414912	10348215	10346251	10369793	0.38	cps
Indium	115-1	15713483	15616093	15698819	15676132	0.33	cps
Indium	115-2	2794564	2838000	2828786	2820450	0.81	cps
Iron	56-2	524676223	526777012	525116590	525523275	0.21	cps
Iron	57-2	65492160	65784086	65640645	65638964	0.22	cps
Krypton	83-1	1390	1400	1217	1336	7.72	cps
Lead	206-1	6557706	6548140	6526112	6543986	0.25	cps
Lead	207-1	5694508	5636504	5566127	5632380	1.14	cps
Lead	208-1	26522244	26135069	25979294	26212202	1.07	cps
Lithium	6-1	3833577	3840655	3830059	3834763	0.14	cps
Magnesium	24-2	90965673	90761458	90591848	90772993	0.21	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:59:41	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2825923	2836182	2824276	2828794	0.23	cps
Molybdenum	94-1	18255853	18184091	18260827	18233590	0.24	cps
Molybdenum	95-1	22664468	22550421	22508471	22574453	0.36	cps
Molybdenum	96-1	25271959	25238396	24920278	25143544	0.77	cps
Molybdenum	97-1	14152417	14157022	14107709	14139049	0.19	cps
Molybdenum	98-1	36324763	36705588	36527896	36519416	0.52	cps
Neodymium	150-1	993	947	1107	1016	8.10	cps
Neodymium	150-2	93	133	110	112	17.90	cps
Nickel	60-2	1047955	1056274	1054298	1052842	0.41	cps
Phosphorus	31-2	8511	8528	8595	8544	0.52	cps
Potassium	39-2	41216863	41162074	41367634	41248857	0.26	cps
Rhodium	103-1	13746141	13765456	13716245	13742614	0.18	cps
Rhodium	103-2	6496576	6504311	6534629	6511839	0.31	cps
Scandium	45-1	9877106	9753627	9730709	9787147	0.80	cps
Scandium	45-2	395266	394898	392782	394315	0.34	cps
Selenium	77-2	7339	6955	7279	7191	2.87	cps
Selenium	78-2	24562	24769	24834	24722	0.58	cps
Selenium	82-1	181064	181373	183557	181998	0.75	cps
Silicon	28-1	8216287	8361021	8420941	8332750	1.26	cps
Silver	109-1	10970188	10854057	10897985	10907410	0.54	cps
Silver	107-1	11466257	11433726	11358665	11419549	0.48	cps
Sodium	23-2	177071221	178212454	178728591	178004089	0.48	cps
Strontium	86-1	2700062	2709092	2725502	2711552	0.48	cps
Strontium	88-1	23705248	23998796	23873334	23859126	0.62	cps
Sulfur	34-1	584490	591830	594291	590204	0.86	cps
Terbium	159-1	21146439	21111733	21035884	21098019	0.27	cps
Terbium	159-2	10205283	10166029	10216125	10195812	0.26	cps
Thallium	203-1	8209047	8120895	8150673	8160205	0.55	cps
Thallium	205-1	19410313	19224312	19256091	19296905	0.52	cps
Thorium	232-1	113505	110356	111863	111908	1.41	cps
Tin	118-1	7603553	7507256	7537445	7549418	0.65	cps
Titanium	47-1	5959588	6019397	5947358	5975448	0.65	cps
Uranium	238-1	28077913	28095287	27782395	27985199	0.63	cps
Vanadium	51-2	1954270	1959091	1954460	1955941	0.14	cps
Yttrium	89-1	18784357	18767431	18702661	18751483	0.23	cps
Yttrium	89-2	2391427	2409782	2396061	2399090	0.40	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 14:59:41	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1101199	1095571	1101687	1099485	0.31	cps
Zirconium	90-1	15032617	14972930	14898987	14968178	0.45	cps
Zirconium	91-1	3267653	3255456	3269784	3264297	0.24	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:20:44	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3367	3159	3659	3395	7.40	cps
Antimony	121-1	36206	37075	35905	36395	1.67	cps
Arsenic	75-2	613	613	632	619	1.73	cps
Barium	135-1	45475	46186	45701	45787	0.79	cps
Barium	137-1	79914	78179	77047	78380	1.84	cps
Beryllium	9-1	3728	3845	3723	3765	1.83	cps
Bismuth	209-1	13586846	13537175	13556431	13560151	0.18	cps
Bismuth	209-2	8129100	8006735	8142342	8092726	0.92	cps
Boron	10-1	16284	17202	16944	16810	2.82	cps
Boron	11-1	78379	80339	81838	80186	2.16	cps
Cadmium	111-1	9961	10208	10064	10078	1.23	cps
Cadmium	106-1	10037	10162	10446	10215	2.05	cps
Cadmium	108-1	375	363	454	397	12.51	cps
Calcium	43-1	28094	27760	28245	28033	0.88	cps
Calcium	44-1	469106	473017	470400	470841	0.42	cps
Chromium	52-2	12499	12485	12155	12380	1.57	cps
Cobalt	59-2	9350	9270	9323	9314	0.44	cps
Copper	63-2	14738	14354	14734	14609	1.51	cps
Dysprosium	156-1	50	8	8	22	108.27	cps
Dysprosium	156-2	30	37	30	32	11.95	cps
Erbium	164-1	142	108	117	122	14.19	cps
Erbium	164-2	67	57	57	60	9.62	cps
Gadolinium	160-1	225	158	158	181	21.32	cps
Gadolinium	160-2	393	410	423	409	3.68	cps
Holmium	165-1	21558170	21824219	21377067	21586485	1.04	cps
Holmium	165-2	11032744	10947521	10973506	10984590	0.40	cps
Indium	115-1	17726323	17811334	17836595	17791417	0.32	cps
Indium	115-2	3095188	3150251	3182386	3142608	1.40	cps
Iron	56-2	251978	252733	252880	252531	0.19	cps
Iron	57-2	31527	31708	31990	31742	0.73	cps
Krypton	83-1	1283	1483	1293	1353	8.33	cps
Lead	206-1	15587	16366	16171	16042	2.53	cps
Lead	207-1	14364	13958	14102	14141	1.46	cps
Lead	208-1	63299	63978	63811	63696	0.56	cps
Lithium	6-1	4364655	4393203	4355340	4371066	0.45	cps
Magnesium	24-2	206789	206647	208110	207182	0.39	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:20:44	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3377	3410	3534	3440	2.40	cps
Molybdenum	94-1	39338	39029	39071	39146	0.43	cps
Molybdenum	95-1	48918	49604	47814	48779	1.85	cps
Molybdenum	96-1	53961	54588	53769	54106	0.79	cps
Molybdenum	97-1	30133	31394	29832	30453	2.72	cps
Molybdenum	98-1	79137	80134	78844	79371	0.85	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	2784	2734	2530	2683	5.00	cps
Phosphorus	31-2	558	542	683	594	13.03	cps
Potassium	39-2	205572	203909	202538	204007	0.74	cps
Rhodium	103-1	16129607	16354545	16198659	16227604	0.71	cps
Rhodium	103-2	7672543	7649335	7708778	7676886	0.39	cps
Scandium	45-1	10538614	10572356	10531984	10547651	0.21	cps
Scandium	45-2	414095	418152	417361	416536	0.52	cps
Selenium	77-2	97	100	77	91	13.85	cps
Selenium	78-2	376	394	344	372	6.80	cps
Selenium	82-1	2313	1987	2235	2179	7.81	cps
Silicon	28-1	288607	290094	290888	289863	0.40	cps
Silver	109-1	24856	25891	24088	24945	3.63	cps
Silver	107-1	27452	26459	26317	26743	2.31	cps
Sodium	23-2	410847	410327	416810	412661	0.87	cps
Strontium	86-1	7986	8161	8161	8103	1.25	cps
Strontium	88-1	52088	53525	52740	52784	1.36	cps
Sulfur	34-1	591425	591710	596365	593167	0.47	cps
Terbium	159-1	22229713	22190792	22421941	22280816	0.56	cps
Terbium	159-2	10928183	10776706	10928135	10877675	0.80	cps
Thallium	203-1	19298	18539	18889	18909	2.01	cps
Thallium	205-1	42160	43740	42770	42890	1.86	cps
Thorium	232-1	58101	56506	55730	56779	2.13	cps
Tin	118-1	82349	82324	82274	82316	0.05	cps
Titanium	47-1	12864	13298	13340	13168	2.00	cps
Uranium	238-1	61321	60433	61128	60961	0.77	cps
Vanadium	51-2	21973	22033	22023	22010	0.15	cps
Yttrium	89-1	19960646	20205812	20074997	20080485	0.61	cps
Yttrium	89-2	2503852	2539843	2540240	2527978	0.83	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:20:44	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2907	2840	3140	2963	5.32	cps
Zirconium	90-1	29765	30358	29748	29957	1.16	cps
Zirconium	91-1	6877	6627	6652	6719	2.05	cps

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : CCB62 Instrumnet Name : P7
 Client Sample ID : CCB62 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 15:24:20 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	33	25	39	44.62	cps
Antimony	121-1	433	483	425	447	7.05	cps
Arsenic	75-2	9	6	9	8	26.61	cps
Barium	135-1	33	33	42	36	13.33	cps
Barium	137-1	58	50	50	53	9.12	cps
Beryllium	9-1	106	122	106	111	8.66	cps
Bismuth	209-1	13690548	13876259	13939711	13835506	0.94	cps
Bismuth	209-2	8302608	8234405	8212477	8249830	0.57	cps
Boron	10-1	2217	2134	2000	2117	5.16	cps
Boron	11-1	10646	10462	9687	10265	4.96	cps
Cadmium	111-1	5125	4947	4890	4987	2.46	cps
Cadmium	106-1	10179	9871	9729	9926	2.32	cps
Cadmium	108-1	21	54	29	35	49.97	cps
Calcium	43-1	350	308	358	339	7.90	cps
Calcium	44-1	14892	14775	14900	14856	0.47	cps
Chromium	52-2	1177	1107	1063	1116	5.13	cps
Cobalt	59-2	120	90	87	99	18.56	cps
Copper	63-2	847	927	897	890	4.54	cps
Dysprosium	156-1	33	25	33	31	15.74	cps
Dysprosium	156-2	23	40	23	29	33.32	cps
Erbium	164-1	142	142	175	153	12.60	cps
Erbium	164-2	80	100	83	88	12.21	cps
Gadolinium	160-1	142	167	217	175	21.82	cps
Gadolinium	160-2	350	333	373	352	5.71	cps
Holmium	165-1	21760500	22021483	22021340	21934441	0.69	cps
Holmium	165-2	11149736	11044778	11064562	11086359	0.50	cps
Indium	115-1	17907441	18070517	18171141	18049700	0.74	cps
Indium	115-2	3178093	3184026	3179955	3180691	0.10	cps
Iron	56-2	6524	7319	6796	6880	5.87	cps
Iron	57-2	891	993	957	947	5.45	cps
Krypton	83-1	1407	1473	1343	1408	4.62	cps
Lead	206-1	1539	1650	1406	1532	7.99	cps
Lead	207-1	1328	1322	1372	1341	2.04	cps
Lead	208-1	5534	5506	5528	5523	0.27	cps
Lithium	6-1	4435947	4501922	4471898	4469922	0.74	cps
Magnesium	24-2	408	392	325	375	11.76	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:24:20	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	67	67	58	26.65	cps
Molybdenum	94-1	567	742	475	594	22.79	cps
Molybdenum	95-1	325	358	308	331	7.70	cps
Molybdenum	96-1	483	525	583	531	9.47	cps
Molybdenum	97-1	325	258	325	303	12.71	cps
Molybdenum	98-1	575	592	742	636	14.43	cps
Neodymium	150-1	7	33	27	22	62.43	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	53	43	107	68	50.24	cps
Phosphorus	31-2	167	117	100	128	27.15	cps
Potassium	39-2	24922	26483	25882	25762	3.06	cps
Rhodium	103-1	16459751	16718359	16434512	16537541	0.95	cps
Rhodium	103-2	7820397	7825725	7793097	7813073	0.22	cps
Scandium	45-1	10629693	10784369	10865677	10759913	1.11	cps
Scandium	45-2	424567	419762	424654	422994	0.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	56	65	59	8.27	cps
Selenium	82-1	-114	-107	-19	-80	-66.52	cps
Silicon	28-1	180627	181870	182355	181617	0.49	cps
Silver	109-1	175	67	133	125	43.72	cps
Silver	107-1	192	208	267	222	17.72	cps
Sodium	23-2	25865	25105	25648	25539	1.53	cps
Strontium	86-1	2209	2225	2092	2175	3.34	cps
Strontium	88-1	158	275	242	225	26.71	cps
Sulfur	34-1	577891	581756	583662	581103	0.51	cps
Terbium	159-1	22538185	22855929	22884962	22759692	0.85	cps
Terbium	159-2	11080803	10955350	11093462	11043205	0.69	cps
Thallium	203-1	892	842	892	875	3.30	cps
Thallium	205-1	1792	1559	1734	1695	7.17	cps
Thorium	232-1	2067	1845	1900	1937	5.97	cps
Tin	118-1	1258	1333	1483	1358	8.44	cps
Titanium	47-1	175	158	258	197	27.17	cps
Uranium	238-1	2275	2150	1967	2131	7.28	cps
Vanadium	51-2	3	10	3	6	69.34	cps
Yttrium	89-1	20263546	20650586	20505268	20473133	0.95	cps
Yttrium	89-2	2552065	2562967	2571778	2562270	0.39	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:24:20	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1117	1023	1020	1053	5.21	cps
Zirconium	90-1	1042	1267	1400	1236	14.65	cps
Zirconium	91-1	300	208	192	233	25.00	cps

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : CRIRE Instrumnet Name : P7
 Client Sample ID : CRIRE Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 15:27:57 DataFile Name : 019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3451	3342	3292	3362	2.41	cps
Antimony	121-1	34694	35229	35170	35031	0.84	cps
Arsenic	75-2	637	657	559	618	8.38	cps
Barium	135-1	45350	44296	44531	44726	1.24	cps
Barium	137-1	76485	76369	77182	76679	0.57	cps
Beryllium	9-1	3517	3539	3678	3578	2.44	cps
Bismuth	209-1	13250544	13360415	13387738	13332899	0.54	cps
Bismuth	209-2	8122285	7972709	7920713	8005236	1.31	cps
Boron	10-1	16576	16276	15734	16195	2.64	cps
Boron	11-1	74752	75531	77432	75905	1.82	cps
Cadmium	111-1	10125	9966	10603	10231	3.24	cps
Cadmium	106-1	10388	10379	10529	10432	0.81	cps
Cadmium	108-1	517	529	429	492	11.08	cps
Calcium	43-1	27902	28128	27251	27760	1.64	cps
Calcium	44-1	458014	462833	468296	463047	1.11	cps
Chromium	52-2	12122	12098	11615	11945	2.40	cps
Cobalt	59-2	9266	9280	9420	9322	0.91	cps
Copper	63-2	14170	13830	13837	13946	1.40	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	7	20	20	16	49.47	cps
Erbium	164-1	150	100	117	122	20.83	cps
Erbium	164-2	100	80	50	77	32.83	cps
Gadolinium	160-1	242	117	192	183	34.32	cps
Gadolinium	160-2	387	413	403	401	3.36	cps
Holmium	165-1	21107396	21274997	21232765	21205052	0.41	cps
Holmium	165-2	10921120	10847863	10572903	10780629	1.70	cps
Indium	115-1	17497697	17538024	17464803	17500175	0.21	cps
Indium	115-2	3107699	3110070	3060916	3092895	0.90	cps
Iron	56-2	251548	246563	246090	248067	1.22	cps
Iron	57-2	31512	31191	30833	31179	1.09	cps
Krypton	83-1	1397	1243	1380	1340	6.28	cps
Lead	206-1	14970	15370	14864	15068	1.77	cps
Lead	207-1	13724	13335	13613	13557	1.48	cps
Lead	208-1	61307	61903	61246	61485	0.59	cps
Lithium	6-1	4308675	4357245	4331229	4332383	0.56	cps
Magnesium	24-2	206209	207608	201992	205270	1.42	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:27:57	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3534	3410	3264	3403	3.97	cps
Molybdenum	94-1	37935	39146	38762	38614	1.60	cps
Molybdenum	95-1	46769	47831	47723	47441	1.23	cps
Molybdenum	96-1	51552	52882	52723	52386	1.39	cps
Molybdenum	97-1	28830	28730	29657	29072	1.75	cps
Molybdenum	98-1	76832	76515	77872	77073	0.92	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	2724	2584	2650	2653	2.64	cps
Phosphorus	31-2	767	667	750	728	7.36	cps
Potassium	39-2	199270	199885	196940	198699	0.78	cps
Rhodium	103-1	16098349	16144433	16022183	16088322	0.38	cps
Rhodium	103-2	7739383	7612661	7469622	7607222	1.77	cps
Scandium	45-1	10340443	10396047	10509310	10415266	0.83	cps
Scandium	45-2	412034	413975	406768	410925	0.91	cps
Selenium	77-2	123	110	80	104	21.25	cps
Selenium	78-2	370	380	350	367	4.13	cps
Selenium	82-1	2162	2332	2293	2262	3.95	cps
Silicon	28-1	286606	287481	285560	286549	0.34	cps
Silver	109-1	56782	57233	58514	57510	1.56	cps
Silver	107-1	59375	60931	58840	59716	1.82	cps
Sodium	23-2	405231	402331	404750	404104	0.38	cps
Strontium	86-1	7961	7711	7853	7841	1.60	cps
Strontium	88-1	50406	52463	51050	51306	2.05	cps
Sulfur	34-1	597351	597252	591252	595285	0.59	cps
Terbium	159-1	21730754	22091211	22041402	21954456	0.89	cps
Terbium	159-2	10883317	10816044	10645733	10781698	1.14	cps
Thallium	203-1	17863	18414	18472	18249	1.84	cps
Thallium	205-1	44100	42477	41449	42675	3.13	cps
Thorium	232-1	55585	55630	54904	55373	0.73	cps
Tin	118-1	79341	80917	81721	80660	1.50	cps
Titanium	47-1	12798	12889	13131	12939	1.33	cps
Uranium	238-1	59286	59880	61889	60352	2.26	cps
Vanadium	51-2	21516	21963	21479	21653	1.24	cps
Yttrium	89-1	19819771	19939233	19849888	19869630	0.31	cps
Yttrium	89-2	2534919	2502956	2469205	2502360	1.31	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P7
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:27:57	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3047	3127	3017	3064	1.86	cps
Zirconium	90-1	28964	30934	30108	30002	3.30	cps
Zirconium	91-1	6602	6802	6552	6652	1.99	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:32:04	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3551	3476	3417	3481	1.92	cps
Antimony	121-1	35755	35730	35454	35646	0.47	cps
Arsenic	75-2	576	552	572	567	2.29	cps
Barium	135-1	43954	44330	43552	43945	0.88	cps
Barium	137-1	77558	77022	78388	77656	0.89	cps
Beryllium	9-1	3784	3773	3884	3814	1.61	cps
Bismuth	209-1	13444556	13512040	13146623	13367740	1.45	cps
Bismuth	209-2	7983323	7890509	7938621	7937484	0.58	cps
Boron	10-1	16376	16326	16785	16496	1.53	cps
Boron	11-1	77014	76687	76838	76846	0.21	cps
Cadmium	111-1	10219	10429	9645	10098	4.02	cps
Cadmium	106-1	10362	11013	9370	10249	8.07	cps
Cadmium	108-1	454	363	308	375	19.66	cps
Calcium	43-1	27969	28428	27577	27991	1.52	cps
Calcium	44-1	465912	475530	471205	470883	1.02	cps
Chromium	52-2	12235	11765	11732	11911	2.37	cps
Cobalt	59-2	9033	9113	9040	9062	0.49	cps
Copper	63-2	14567	14311	14487	14455	0.91	cps
Dysprosium	156-1	17	8	42	22	78.07	cps
Dysprosium	156-2	20	23	30	24	20.83	cps
Erbium	164-1	75	108	167	117	39.77	cps
Erbium	164-2	70	63	70	68	5.68	cps
Gadolinium	160-1	158	142	142	147	6.54	cps
Gadolinium	160-2	363	390	367	373	3.89	cps
Holmium	165-1	21396650	21808090	21018940	21407894	1.84	cps
Holmium	165-2	10812218	10646144	10752020	10736794	0.78	cps
Indium	115-1	17906232	17897310	17442612	17748718	1.49	cps
Indium	115-2	3056292	3045900	3076926	3059706	0.52	cps
Iron	56-2	251725	250172	253711	251870	0.70	cps
Iron	57-2	31741	31708	31795	31748	0.14	cps
Krypton	83-1	1197	1453	1283	1311	9.96	cps
Lead	206-1	15587	15420	14897	15302	2.35	cps
Lead	207-1	14025	14147	13935	14036	0.76	cps
Lead	208-1	62275	62447	61657	62127	0.67	cps
Lithium	6-1	4417565	4454527	4335144	4402412	1.39	cps
Magnesium	24-2	203564	203993	204054	203870	0.13	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:32:04	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3180	3300	3250	3244	1.86	cps
Molybdenum	94-1	39004	38937	38320	38754	0.97	cps
Molybdenum	95-1	48668	48375	47890	48311	0.81	cps
Molybdenum	96-1	53385	54296	53844	53842	0.85	cps
Molybdenum	97-1	29874	30033	30751	30219	1.55	cps
Molybdenum	98-1	78726	75475	75476	76559	2.45	cps
Neodymium	150-1	13	13	27	18	43.33	cps
Neodymium	150-2	0	3	13	6	124.93	cps
Nickel	60-2	2700	2784	2870	2785	3.05	cps
Phosphorus	31-2	517	625	650	597	11.87	cps
Potassium	39-2	195351	198205	199575	197711	1.09	cps
Rhodium	103-1	16275534	16343372	16021909	16213605	1.05	cps
Rhodium	103-2	7552719	7486156	7536149	7525008	0.46	cps
Scandium	45-1	10612646	10631415	10541733	10595264	0.45	cps
Scandium	45-2	407331	410944	411308	409861	0.54	cps
Selenium	77-2	107	77	90	91	16.50	cps
Selenium	78-2	387	344	343	358	7.02	cps
Selenium	82-1	2404	2132	2187	2241	6.40	cps
Silicon	28-1	288643	290282	288599	289175	0.33	cps
Silver	109-1	23571	25006	24447	24341	2.97	cps
Silver	107-1	25933	24781	25791	25502	2.46	cps
Sodium	23-2	398473	398205	401625	399434	0.48	cps
Strontium	86-1	8294	8036	8144	8158	1.59	cps
Strontium	88-1	51962	52873	52062	52299	0.96	cps
Sulfur	34-1	604370	607863	609785	607339	0.45	cps
Terbium	159-1	22539673	22421905	21876494	22279357	1.59	cps
Terbium	159-2	10676313	10680790	10737288	10698130	0.32	cps
Thallium	203-1	18155	19365	18338	18619	3.50	cps
Thallium	205-1	41750	43522	41390	42221	2.70	cps
Thorium	232-1	55886	55875	53420	55061	2.58	cps
Tin	118-1	82274	81754	79760	81262	1.63	cps
Titanium	47-1	13265	13649	13248	13387	1.69	cps
Uranium	238-1	60508	59603	58331	59481	1.84	cps
Vanadium	51-2	21432	21673	22093	21733	1.54	cps
Yttrium	89-1	20130026	20194565	19857166	20060585	0.89	cps
Yttrium	89-2	2466034	2463957	2500355	2476782	0.83	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:32:04	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2777	2924	2914	2871	2.85	cps
Zirconium	90-1	30609	30859	28955	30141	3.43	cps
Zirconium	91-1	6885	6235	6310	6477	5.49	cps

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : PB124811BL Instrumnet Name : P7
 Client Sample ID : PB124811BL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 15:35:41 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	75	33	47	50.95	cps
Antimony	121-1	217	425	300	314	33.41	cps
Arsenic	75-2	17	2	13	10	73.49	cps
Barium	135-1	42	67	42	50	28.87	cps
Barium	137-1	108	42	100	83	43.59	cps
Beryllium	9-1	139	122	133	131	6.45	cps
Bismuth	209-1	13352209	13333652	13342772	13342878	0.07	cps
Bismuth	209-2	7985632	8069816	8012554	8022667	0.54	cps
Boron	10-1	1750	1809	2009	1856	7.30	cps
Boron	11-1	9945	8878	9553	9459	5.71	cps
Cadmium	111-1	4929	4625	4984	4846	3.99	cps
Cadmium	106-1	9787	9195	9921	9634	4.01	cps
Cadmium	108-1	33	21	38	31	28.39	cps
Calcium	43-1	350	367	450	389	13.78	cps
Calcium	44-1	13082	13924	13941	13649	3.60	cps
Chromium	52-2	1570	1493	1563	1542	2.75	cps
Cobalt	59-2	83	103	70	86	19.61	cps
Copper	63-2	967	900	787	884	10.29	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	30	20	37	29	29.04	cps
Erbium	164-1	100	142	83	108	27.73	cps
Erbium	164-2	60	67	53	60	11.12	cps
Gadolinium	160-1	183	150	175	169	10.24	cps
Gadolinium	160-2	387	353	357	366	5.02	cps
Holmium	165-1	21145990	21211064	21326520	21227858	0.43	cps
Holmium	165-2	10730600	10786689	10701728	10739672	0.40	cps
Indium	115-1	17436754	17579802	17555796	17524117	0.44	cps
Indium	115-2	3068486	3124187	3085272	3092648	0.92	cps
Iron	56-2	6246	6085	6235	6188	1.45	cps
Iron	57-2	863	942	912	906	4.37	cps
Krypton	83-1	1290	1393	1357	1347	3.89	cps
Lead	206-1	1272	1333	1389	1332	4.38	cps
Lead	207-1	1195	1283	1161	1213	5.21	cps
Lead	208-1	4728	4800	4867	4799	1.45	cps
Lithium	6-1	4382284	4358144	4392704	4377711	0.40	cps
Magnesium	24-2	267	175	283	242	24.14	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	PB124811BL	Instrumnet Name :	P7
Client Sample ID :	PB124811BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:35:41	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	70	43	56	24.25	cps
Molybdenum	94-1	583	742	608	644	13.21	cps
Molybdenum	95-1	225	233	308	256	17.96	cps
Molybdenum	96-1	375	292	367	344	13.33	cps
Molybdenum	97-1	275	225	225	242	11.94	cps
Molybdenum	98-1	458	458	408	442	6.54	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	57	57	80	64	20.90	cps
Phosphorus	31-2	125	183	125	144	23.31	cps
Potassium	39-2	24638	25047	25064	24916	0.97	cps
Rhodium	103-1	16067014	16028870	16118301	16071395	0.28	cps
Rhodium	103-2	7600057	7681557	7561195	7614269	0.81	cps
Scandium	45-1	10523853	10541651	10542187	10535897	0.10	cps
Scandium	45-2	409900	413716	409585	411067	0.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	59	63	60	3.53	cps
Selenium	82-1	37	-111	-117	-64	-137.32	cps
Silicon	28-1	175856	173916	177288	175687	0.96	cps
Silver	109-1	117	100	100	106	9.12	cps
Silver	107-1	242	283	167	231	25.64	cps
Sodium	23-2	22818	22893	22635	22782	0.58	cps
Strontium	86-1	2067	1825	1842	1911	7.06	cps
Strontium	88-1	158	225	192	192	17.39	cps
Sulfur	34-1	596079	598022	599373	597825	0.28	cps
Terbium	159-1	22107953	22055276	22219045	22127424	0.38	cps
Terbium	159-2	10647589	10802132	10740053	10729925	0.72	cps
Thallium	203-1	667	608	625	633	4.74	cps
Thallium	205-1	1233	1350	1458	1347	8.35	cps
Thorium	232-1	2306	2311	2350	2323	1.04	cps
Tin	118-1	1308	1433	1367	1370	4.57	cps
Titanium	47-1	125	175	142	147	17.29	cps
Uranium	238-1	2150	2375	2192	2239	5.35	cps
Vanadium	51-2	10	7	0	6	91.64	cps
Yttrium	89-1	20018348	19809266	20019320	19948978	0.61	cps
Yttrium	89-2	2479255	2523822	2500683	2501253	0.89	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	PB124811BL	Instrumnet Name :	P7
Client Sample ID :	PB124811BL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:35:41	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	703	700	740	714	3.11	cps
Zirconium	90-1	1275	1425	1817	1506	18.58	cps
Zirconium	91-1	225	275	267	256	10.48	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	PB124811BS	Instrumnet Name :	P7
Client Sample ID :	PB124811BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:39:19	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1573167	1600903	1581761	1585277	0.90	cps
Antimony	121-1	8826753	8720348	8823546	8790215	0.69	cps
Arsenic	75-2	262198	265926	264363	264162	0.71	cps
Barium	135-1	10903246	10789479	10796051	10829592	0.59	cps
Barium	137-1	18813952	18529362	18526664	18623326	0.89	cps
Beryllium	9-1	1713141	1673952	1686771	1691288	1.18	cps
Bismuth	209-1	12707805	12451973	12704699	12621492	1.16	cps
Bismuth	209-2	7408053	7406289	7366574	7393639	0.32	cps
Boron	10-1	285428	282207	286798	284811	0.83	cps
Boron	11-1	1350170	1350464	1357459	1352698	0.31	cps
Cadmium	111-1	2501572	2480077	2505040	2495563	0.54	cps
Cadmium	106-1	300922	298579	301434	300312	0.51	cps
Cadmium	108-1	202854	197693	199245	199931	1.32	cps
Calcium	43-1	2698157	2651583	2662651	2670797	0.91	cps
Calcium	44-1	44210378	43197461	43573579	43660473	1.17	cps
Chromium	52-2	2394613	2420791	2412738	2409381	0.56	cps
Cobalt	59-2	4027846	4075660	4044898	4049468	0.60	cps
Copper	63-2	5857185	5871222	5821609	5850005	0.44	cps
Dysprosium	156-1	250	317	308	292	12.45	cps
Dysprosium	156-2	307	313	260	293	9.91	cps
Erbium	164-1	217	183	150	183	18.18	cps
Erbium	164-2	97	117	123	112	12.37	cps
Gadolinium	160-1	358	392	275	342	17.59	cps
Gadolinium	160-2	373	447	450	423	10.24	cps
Holmium	165-1	21305894	20845433	21020127	21057151	1.10	cps
Holmium	165-2	10284580	10436348	10401935	10374288	0.77	cps
Indium	115-1	16777471	16396792	16590682	16588315	1.15	cps
Indium	115-2	2857830	2872104	2867065	2865667	0.25	cps
Iron	56-2	106588622	106749902	105999202	106445909	0.37	cps
Iron	57-2	13264565	13284009	13199719	13249431	0.33	cps
Krypton	83-1	1183	1227	1330	1247	6.04	cps
Lead	206-1	7030721	6972022	7055326	7019356	0.61	cps
Lead	207-1	6311541	6217945	6312195	6280561	0.86	cps
Lead	208-1	28614349	28097115	28457341	28389602	0.93	cps
Lithium	6-1	4122091	4039488	4058353	4073311	1.06	cps
Magnesium	24-2	18249534	18468160	18310434	18342709	0.62	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	PB124811BS	Instrumnet Name :	P7
Client Sample ID :	PB124811BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:39:19	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2818703	2855779	2840154	2838212	0.66	cps
Molybdenum	94-1	18877921	18634227	18579409	18697186	0.85	cps
Molybdenum	95-1	23347005	22875587	23094335	23105642	1.02	cps
Molybdenum	96-1	25983091	25367266	25668962	25673106	1.20	cps
Molybdenum	97-1	14733815	14259064	14411450	14468110	1.68	cps
Molybdenum	98-1	38069993	36988763	37181773	37413510	1.54	cps
Neodymium	150-1	1127	1053	1167	1116	5.15	cps
Neodymium	150-2	120	133	117	123	7.15	cps
Nickel	60-2	1073533	1080972	1074677	1076394	0.37	cps
Phosphorus	31-2	23352	23603	24212	23722	1.86	cps
Potassium	39-2	8046300	8079018	8102605	8075974	0.35	cps
Rhodium	103-1	14910701	14701552	14717210	14776487	0.79	cps
Rhodium	103-2	6869586	6910755	6861191	6880511	0.39	cps
Scandium	45-1	10020561	9813428	9813813	9882601	1.21	cps
Scandium	45-2	380977	384652	383630	383086	0.50	cps
Selenium	77-2	7409	7559	7529	7499	1.06	cps
Selenium	78-2	25137	25151	25654	25314	1.16	cps
Selenium	82-1	195823	194280	194005	194703	0.50	cps
Silicon	28-1	8306667	8287132	8341218	8311672	0.33	cps
Silver	109-1	11491243	11125985	11330369	11315866	1.62	cps
Silver	107-1	11816043	11610354	11826477	11750958	1.04	cps
Sodium	23-2	35948086	35962559	35654605	35855083	0.48	cps
Strontium	86-1	2785581	2789309	2764334	2779741	0.48	cps
Strontium	88-1	24914717	24670644	24744889	24776750	0.50	cps
Sulfur	34-1	823095	802698	794419	806737	1.83	cps
Terbium	159-1	21803308	21689687	21935484	21809493	0.56	cps
Terbium	159-2	10378863	10350670	10308652	10346062	0.34	cps
Thallium	203-1	8876129	8728285	8823484	8809299	0.85	cps
Thallium	205-1	20802193	20559674	20833647	20731838	0.72	cps
Thorium	232-1	6346167	6278695	6357011	6327291	0.67	cps
Tin	118-1	7924070	7773481	7907630	7868394	1.05	cps
Titanium	47-1	6083044	5969704	5995291	6016013	0.99	cps
Uranium	238-1	29595536	29186113	29772088	29517912	1.02	cps
Vanadium	51-2	1908100	1918260	1913935	1913432	0.27	cps
Yttrium	89-1	19279167	19005135	19097659	19127320	0.73	cps
Yttrium	89-2	2354490	2363406	2363394	2360430	0.22	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	PB124811BS	Instrumnet Name :	P7
Client Sample ID :	PB124811BS	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:39:19	DataFile Name :	022LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	901955	911668	906798	906807	0.54	cps
Zirconium	90-1	15471304	15257771	15084889	15271321	1.27	cps
Zirconium	91-1	3338063	3315252	3272966	3308760	1.00	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL3X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-05 15:46:42	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3291412	3335888	3319039	3315446	0.68	cps
Antimony	121-1	1122622	1135569	1142711	1133634	0.90	cps
Arsenic	75-2	51736	52531	51794	52020	0.85	cps
Barium	135-1	5160719	5221026	5323899	5235215	1.58	cps
Barium	137-1	9176275	9079236	9225978	9160497	0.81	cps
Beryllium	9-1	801219	810209	820079	810502	1.16	cps
Bismuth	209-1	12889181	12801464	13029626	12906757	0.89	cps
Bismuth	209-2	7566907	7535431	7537388	7546575	0.23	cps
Boron	10-1	488496	510548	529011	509352	3.98	cps
Boron	11-1	2338491	2422021	2480932	2413815	2.97	cps
Cadmium	111-1	2589176	2615036	2626330	2610181	0.73	cps
Cadmium	106-1	246315	247748	252668	248911	1.34	cps
Cadmium	108-1	173764	178054	175526	175781	1.23	cps
Calcium	43-1	801193	811783	814160	809045	0.85	cps
Calcium	44-1	13002083	13259363	13046154	13102533	1.05	cps
Chromium	52-2	507575	507717	504016	506436	0.41	cps
Cobalt	59-2	3883766	3913640	3874008	3890471	0.53	cps
Copper	63-2	760731	759796	762219	760915	0.16	cps
Dysprosium	156-1	130098	129431	131957	130495	1.00	cps
Dysprosium	156-2	60828	61028	60429	60762	0.50	cps
Erbium	164-1	68741	70308	70635	69895	1.45	cps
Erbium	164-2	33054	32676	33090	32940	0.70	cps
Gadolinium	160-1	91540	91321	90960	91274	0.32	cps
Gadolinium	160-2	48205	49181	47954	48447	1.34	cps
Holmium	165-1	21689596	21602223	21676006	21655942	0.22	cps
Holmium	165-2	10590278	10681349	10613252	10628293	0.45	cps
Indium	115-1	17092170	17259961	17256748	17202959	0.56	cps
Indium	115-2	2971398	2981646	2967757	2973600	0.24	cps
Iron	56-2	133503231	134344914	133312389	133720178	0.41	cps
Iron	57-2	16579074	16670318	16553806	16601066	0.37	cps
Krypton	83-1	1300	1570	1430	1433	9.42	cps
Lead	206-1	4620315	4699185	4693320	4670940	0.94	cps
Lead	207-1	4101310	4140293	4178855	4140153	0.94	cps
Lead	208-1	19017907	18875802	19247305	19047005	0.98	cps
Lithium	6-1	5915045	6006230	6050006	5990427	1.15	cps
Magnesium	24-2	14324720	14522244	14377573	14408179	0.71	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL3X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-05 15:46:42	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7483541	7532632	7439225	7485133	0.62	cps
Molybdenum	94-1	538951	547305	552872	546376	1.28	cps
Molybdenum	95-1	776169	793259	800693	790040	1.59	cps
Molybdenum	96-1	844413	858591	867755	856919	1.37	cps
Molybdenum	97-1	483931	486237	484844	485004	0.24	cps
Molybdenum	98-1	1245373	1263954	1265457	1258261	0.89	cps
Neodymium	150-1	214256	217926	220576	217586	1.46	cps
Neodymium	150-2	80624	81184	81774	81194	0.71	cps
Nickel	60-2	1545072	1545866	1540869	1543936	0.17	cps
Phosphorus	31-2	11238	11572	12047	11619	3.50	cps
Potassium	39-2	6825463	6868888	6809372	6834575	0.45	cps
Rhodium	103-1	15611898	15681605	15629564	15641022	0.23	cps
Rhodium	103-2	7277913	7322321	7302429	7300887	0.30	cps
Scandium	45-1	10620684	10734033	10563272	10639329	0.82	cps
Scandium	45-2	411629	412611	411359	411866	0.16	cps
Selenium	77-2	6798	6558	6465	6607	2.60	cps
Selenium	78-2	20893	21156	20930	20993	0.68	cps
Selenium	82-1	161270	163409	166774	163818	1.69	cps
Silicon	28-1	45208904	45807154	46161201	45725753	1.05	cps
Silver	109-1	2456047	2490960	2478517	2475174	0.71	cps
Silver	107-1	2574588	2592943	2638091	2601874	1.26	cps
Sodium	23-2	8315199	8364076	8270254	8316510	0.56	cps
Strontium	86-1	2574456	2613629	2641784	2609956	1.30	cps
Strontium	88-1	22771382	23164876	23185474	23040577	1.01	cps
Sulfur	34-1	528066	530443	532189	530233	0.39	cps
Terbium	159-1	22385350	22442208	22591970	22473176	0.47	cps
Terbium	159-2	10593864	10606862	10571148	10590624	0.17	cps
Thallium	203-1	10135969	10006292	10074333	10072198	0.64	cps
Thallium	205-1	23691581	23789832	23798615	23760009	0.25	cps
Thorium	232-1	811988	822344	831035	821789	1.16	cps
Tin	118-1	5364604	5473749	5446443	5428265	1.05	cps
Titanium	47-1	3333443	3406455	3396317	3378739	1.17	cps
Uranium	238-1	6363742	6389289	6439353	6397461	0.60	cps
Vanadium	51-2	1363393	1364672	1349151	1359072	0.63	cps
Yttrium	89-1	20547322	20963942	20891788	20801017	1.07	cps
Yttrium	89-2	2580440	2577857	2591465	2583254	0.28	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL3X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2019-12-05 15:46:42	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	426446	423307	429472	426408	0.72	cps
Zirconium	90-1	262158	271115	269342	267538	1.77	cps
Zirconium	91-1	58219	60972	58947	59380	2.40	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL2X4	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	4
Date & Time Acquired ::	2019-12-05 15:50:22	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4109717	4082668	4131011	4107799	0.59	cps
Antimony	121-1	1411971	1430199	1424207	1422126	0.65	cps
Arsenic	75-2	66187	64929	65391	65502	0.97	cps
Barium	135-1	6663713	6754028	6746132	6721291	0.74	cps
Barium	137-1	11530129	11604213	11572705	11569016	0.32	cps
Beryllium	9-1	1000076	1023013	1020760	1014616	1.25	cps
Bismuth	209-1	12706798	12892734	12960726	12853419	1.02	cps
Bismuth	209-2	7580257	7504984	7553085	7546109	0.51	cps
Boron	10-1	635733	659762	657515	651004	2.04	cps
Boron	11-1	3054258	3091651	3176859	3107589	2.02	cps
Cadmium	111-1	3243364	3278969	3276193	3266175	0.61	cps
Cadmium	106-1	307284	311503	310310	309699	0.70	cps
Cadmium	108-1	218985	224339	222083	221802	1.21	cps
Calcium	43-1	1003450	1037198	1026926	1022525	1.69	cps
Calcium	44-1	16502996	16818687	16782559	16701414	1.03	cps
Chromium	52-2	636396	638745	634664	636602	0.32	cps
Cobalt	59-2	4890609	4865864	4881708	4879394	0.26	cps
Copper	63-2	949382	958252	958110	955248	0.53	cps
Dysprosium	156-1	162261	164488	166595	164448	1.32	cps
Dysprosium	156-2	76770	77417	76240	76809	0.77	cps
Erbium	164-1	87329	88890	89947	88722	1.48	cps
Erbium	164-2	41884	41366	41242	41498	0.82	cps
Gadolinium	160-1	110083	115317	114251	113217	2.44	cps
Gadolinium	160-2	60791	61414	61266	61157	0.53	cps
Holmium	165-1	21595141	22019308	21850047	21821499	0.98	cps
Holmium	165-2	10682244	10664574	10709117	10685312	0.21	cps
Indium	115-1	17084364	17246130	17124881	17151792	0.49	cps
Indium	115-2	2949339	2964851	2982729	2965640	0.56	cps
Iron	56-2	167589265	167068804	167129065	167262378	0.17	cps
Iron	57-2	20807991	20774328	20793933	20792084	0.08	cps
Krypton	83-1	1497	1487	1513	1499	0.90	cps
Lead	206-1	6022105	6091491	6104302	6072632	0.73	cps
Lead	207-1	5100268	5214908	5202745	5172640	1.22	cps
Lead	208-1	23872712	24144581	24192869	24070054	0.72	cps
Lithium	6-1	6406927	6496890	6478246	6460688	0.73	cps
Magnesium	24-2	18058845	17924772	18035591	18006403	0.40	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL2X4	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	4
Date & Time Acquired ::	2019-12-05 15:50:22	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9406625	9350391	9313503	9356840	0.50	cps
Molybdenum	94-1	682096	690667	690542	687768	0.71	cps
Molybdenum	95-1	990886	989533	999469	993296	0.54	cps
Molybdenum	96-1	1078511	1084921	1100745	1088059	1.05	cps
Molybdenum	97-1	614111	610953	620905	615323	0.83	cps
Molybdenum	98-1	1577817	1605839	1592863	1592173	0.88	cps
Neodymium	150-1	269730	278688	275583	274667	1.66	cps
Neodymium	150-2	101752	102729	103895	102792	1.04	cps
Nickel	60-2	1944991	1929750	1928845	1934529	0.47	cps
Phosphorus	31-2	14416	14040	14683	14380	2.24	cps
Potassium	39-2	8541720	8570840	8563800	8558787	0.18	cps
Rhodium	103-1	15564658	15803320	15673858	15680612	0.76	cps
Rhodium	103-2	7261352	7209958	7298591	7256634	0.61	cps
Scandium	45-1	10676502	10844835	10939203	10820180	1.23	cps
Scandium	45-2	412666	413848	416766	414427	0.51	cps
Selenium	77-2	8279	8222	8139	8214	0.86	cps
Selenium	78-2	26380	26960	26827	26722	1.14	cps
Selenium	82-1	203197	205479	206196	204957	0.76	cps
Silicon	28-1	57530758	58133808	58437339	58033968	0.80	cps
Silver	109-1	3102333	3169979	3165222	3145845	1.20	cps
Silver	107-1	3221418	3289674	3242706	3251266	1.07	cps
Sodium	23-2	10507312	10422722	10476032	10468689	0.41	cps
Strontium	86-1	3253642	3308203	3308628	3290158	0.96	cps
Strontium	88-1	29080736	29164837	29488994	29244856	0.74	cps
Sulfur	34-1	522069	521896	529229	524398	0.80	cps
Terbium	159-1	22271500	22829142	22765219	22621954	1.35	cps
Terbium	159-2	10564851	10606324	10661789	10610988	0.46	cps
Thallium	203-1	12460216	12903935	12924270	12762807	2.05	cps
Thallium	205-1	29364385	30242974	30189460	29932273	1.65	cps
Thorium	232-1	1006905	1037661	1050000	1031522	2.15	cps
Tin	118-1	7033009	7098171	7101835	7077672	0.55	cps
Titanium	47-1	4225056	4265403	4312246	4267569	1.02	cps
Uranium	238-1	7970929	8083409	8043360	8032566	0.71	cps
Vanadium	51-2	1702597	1713157	1715800	1710518	0.41	cps
Yttrium	89-1	21205484	21373486	21501947	21360306	0.70	cps
Yttrium	89-2	2603375	2613489	2623224	2613362	0.38	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL2X4	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	4
Date & Time Acquired ::	2019-12-05 15:50:22	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	529146	536122	529597	531622	0.73	cps
Zirconium	90-1	329016	338870	336487	334791	1.54	cps
Zirconium	91-1	73364	74502	74184	74017	0.79	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	20
Date & Time Acquired ::	2019-12-05 15:55:25	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	818924	817023	810579	815509	0.54	cps
Antimony	121-1	282184	285629	284083	283965	0.61	cps
Arsenic	75-2	13019	13299	13078	13132	1.12	cps
Barium	135-1	1322273	1335923	1332369	1330188	0.53	cps
Barium	137-1	2270152	2302362	2275281	2282598	0.76	cps
Beryllium	9-1	201695	204082	201458	202411	0.72	cps
Bismuth	209-1	13310577	13423238	13257708	13330508	0.63	cps
Bismuth	209-2	7930302	7903439	7802511	7878751	0.86	cps
Boron	10-1	134559	135588	136546	135564	0.73	cps
Boron	11-1	632855	643133	655124	643704	1.73	cps
Cadmium	111-1	671553	674586	671642	672594	0.26	cps
Cadmium	106-1	70811	68625	70778	70071	1.79	cps
Cadmium	108-1	44424	45519	45920	45288	1.71	cps
Calcium	43-1	199645	199452	201150	200082	0.46	cps
Calcium	44-1	3235846	3243378	3268423	3249216	0.52	cps
Chromium	52-2	127582	128276	126846	127568	0.56	cps
Cobalt	59-2	985918	987543	972526	981996	0.84	cps
Copper	63-2	192301	192748	191090	192046	0.45	cps
Dysprosium	156-1	32021	34419	33768	33403	3.71	cps
Dysprosium	156-2	15709	15409	15225	15448	1.58	cps
Erbium	164-1	17454	17687	18396	17846	2.75	cps
Erbium	164-2	8473	8343	8173	8329	1.81	cps
Gadolinium	160-1	22611	22886	23579	23026	2.17	cps
Gadolinium	160-2	12853	12583	12566	12667	1.27	cps
Holmium	165-1	21259215	21807866	21593419	21553500	1.28	cps
Holmium	165-2	10911858	10835932	10612896	10786895	1.44	cps
Indium	115-1	17335387	17534962	17479962	17450104	0.59	cps
Indium	115-2	3018985	3036011	3005888	3020295	0.50	cps
Iron	56-2	33748781	33701400	33027297	33492492	1.20	cps
Iron	57-2	4187631	4184695	4105444	4159257	1.12	cps
Krypton	83-1	1317	1340	1333	1330	0.90	cps
Lead	206-1	1211850	1206467	1218767	1212361	0.51	cps
Lead	207-1	1065230	1061893	1071835	1066320	0.47	cps
Lead	208-1	4827129	4827088	4843545	4832587	0.20	cps
Lithium	6-1	4590248	4633283	4628755	4617428	0.51	cps
Magnesium	24-2	3494824	3497135	3451523	3481161	0.74	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	20
Date & Time Acquired ::	2019-12-05 15:55:25	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1874123	1881196	1847299	1867539	0.96	cps
Molybdenum	94-1	134612	134109	136043	134921	0.74	cps
Molybdenum	95-1	192980	196578	197877	195812	1.30	cps
Molybdenum	96-1	212036	215827	214252	214038	0.89	cps
Molybdenum	97-1	121607	121827	122733	122056	0.49	cps
Molybdenum	98-1	313002	317271	317185	315820	0.77	cps
Neodymium	150-1	55292	54502	55144	54979	0.76	cps
Neodymium	150-2	20722	20809	20409	20647	1.02	cps
Nickel	60-2	389540	389009	387527	388692	0.27	cps
Phosphorus	31-2	3151	2992	3184	3109	3.30	cps
Potassium	39-2	1676835	1683025	1662804	1674221	0.62	cps
Rhodium	103-1	15889426	15881550	15723494	15831490	0.59	cps
Rhodium	103-2	7412433	7470932	7348542	7410636	0.83	cps
Scandium	45-1	10334183	10337195	10464751	10378710	0.72	cps
Scandium	45-2	397087	402998	396185	398757	0.93	cps
Selenium	77-2	1583	1730	1687	1667	4.52	cps
Selenium	78-2	5446	5538	5451	5478	0.95	cps
Selenium	82-1	41481	41296	41376	41384	0.22	cps
Silicon	28-1	11513015	11397319	11552924	11487753	0.70	cps
Silver	109-1	636805	640538	639631	638991	0.30	cps
Silver	107-1	652277	665198	666362	661279	1.18	cps
Sodium	23-2	2033986	2020670	2012616	2022424	0.53	cps
Strontium	86-1	655448	653770	667147	658788	1.11	cps
Strontium	88-1	5779764	5768488	5873961	5807404	1.00	cps
Sulfur	34-1	482412	485965	485123	484500	0.38	cps
Terbium	159-1	22317441	22418284	22581006	22438910	0.59	cps
Terbium	159-2	10782301	10844122	10533655	10720026	1.53	cps
Thallium	203-1	2497796	2522562	2552328	2524229	1.08	cps
Thallium	205-1	6112384	6115974	6219354	6149238	0.99	cps
Thorium	232-1	206445	205707	203536	205229	0.74	cps
Tin	118-1	1368021	1390818	1387603	1382147	0.89	cps
Titanium	47-1	835668	829893	844161	836574	0.86	cps
Uranium	238-1	1595476	1591190	1578316	1588327	0.56	cps
Vanadium	51-2	338488	333725	332749	334987	0.92	cps
Yttrium	89-1	20026795	20036701	20196180	20086559	0.47	cps
Yttrium	89-2	2487998	2494336	2456501	2479612	0.82	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DL4X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	20
Date & Time Acquired ::	2019-12-05 15:55:25	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	110426	110262	107606	109432	1.45	cps
Zirconium	90-1	65509	65809	66723	66014	0.96	cps
Zirconium	91-1	14908	15017	14508	14811	1.81	cps

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : K5609-11 Instrumnet Name : P7
 Client Sample ID : PT-MET-SOIL Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 15:59:03 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15268645	15218246	15222787	15236559	0.18	cps
Antimony	121-1	5264481	5382076	5297515	5314691	1.14	cps
Arsenic	75-2	227555	228473	227513	227847	0.24	cps
Barium	135-1	25534593	25949719	25759968	25748093	0.81	cps
Barium	137-1	43547136	44522014	44253586	44107579	1.14	cps
Beryllium	9-1	3699917	3727244	3668760	3698640	0.79	cps
Bismuth	209-1	11854626	12072989	11924845	11950820	0.93	cps
Bismuth	209-2	6696275	6652236	6791289	6713267	1.06	cps
Boron	10-1	2395125	2466043	2466262	2442477	1.68	cps
Boron	11-1	11471238	11989676	11865675	11775530	2.30	cps
Cadmium	111-1	12152260	12448959	12174111	12258443	1.35	cps
Cadmium	106-1	1099419	1129750	1099433	1109534	1.58	cps
Cadmium	108-1	794751	820992	812130	809291	1.65	cps
Calcium	43-1	3897352	3950482	3891529	3913121	0.83	cps
Calcium	44-1	63547114	64882383	63860924	64096807	1.09	cps
Chromium	52-2	2319450	2325994	2329297	2324913	0.22	cps
Cobalt	59-2	18116318	18134846	18087681	18112949	0.13	cps
Copper	63-2	3319288	3361278	3350307	3343624	0.65	cps
Dysprosium	156-1	625490	641133	627213	631279	1.36	cps
Dysprosium	156-2	273396	279078	278578	277017	1.14	cps
Erbium	164-1	339460	352207	341140	344269	2.01	cps
Erbium	164-2	150680	151678	152026	151461	0.46	cps
Gadolinium	160-1	437786	450323	444121	444077	1.41	cps
Gadolinium	160-2	222612	227423	223323	224453	1.16	cps
Holmium	165-1	21018526	21866111	21442214	21442284	1.98	cps
Holmium	165-2	9990388	10001538	10170728	10054218	1.01	cps
Indium	115-1	15691559	16175641	15982589	15949930	1.53	cps
Indium	115-2	2520268	2523497	2584615	2542794	1.43	cps
Iron	56-2	611798014	608733747	612810903	611114221	0.35	cps
Iron	57-2	76209241	75937039	76255542	76133941	0.23	cps
Krypton	83-1	2247	2184	1910	2114	8.47	cps
Lead	206-1	22824475	23072128	22891149	22929251	0.56	cps
Lead	207-1	20248737	20419076	20266843	20311552	0.46	cps
Lead	208-1	91216127	92563254	91552542	91777308	0.76	cps
Lithium	6-1	12120150	12168289	11964214	12084218	0.88	cps
Magnesium	24-2	66981464	66763164	66778631	66841086	0.18	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:59:03	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34232339	33988863	34126494	34115899	0.36	cps
Molybdenum	94-1	2610740	2673526	2624301	2636189	1.25	cps
Molybdenum	95-1	3785822	3846607	3789645	3807358	0.89	cps
Molybdenum	96-1	4167737	4212248	4166922	4182302	0.62	cps
Molybdenum	97-1	2386212	2408241	2387445	2393966	0.52	cps
Molybdenum	98-1	6229195	6347892	6202530	6259872	1.24	cps
Neodymium	150-1	1047147	1071319	1064708	1061058	1.18	cps
Neodymium	150-2	370755	369510	368142	369469	0.35	cps
Nickel	60-2	6962155	7019336	6998308	6993266	0.41	cps
Phosphorus	31-2	50813	51248	51766	51275	0.93	cps
Potassium	39-2	31587754	31350999	31679512	31539422	0.54	cps
Rhodium	103-1	14470665	14919251	14693837	14694584	1.53	cps
Rhodium	103-2	6539909	6534224	6670958	6581697	1.18	cps
Scandium	45-1	11109173	11397894	11172209	11226425	1.35	cps
Scandium	45-2	409342	409708	413481	410844	0.56	cps
Selenium	77-2	27613	27363	27289	27422	0.62	cps
Selenium	78-2	88311	88876	89207	88798	0.51	cps
Selenium	82-1	731727	735828	726167	731241	0.66	cps
Silicon	28-1	220954247	224232780	219491588	221559538	1.10	cps
Silver	109-1	11669430	11961902	11721290	11784207	1.32	cps
Silver	107-1	12218439	12424233	12322065	12321579	0.84	cps
Sodium	23-2	39206829	39164537	39641657	39337674	0.67	cps
Strontium	86-1	12902347	13098350	12850875	12950524	1.01	cps
Strontium	88-1	112285686	113609378	111380994	112425353	1.00	cps
Sulfur	34-1	601099	594495	598220	597938	0.55	cps
Terbium	159-1	22001496	22619812	22368713	22330007	1.39	cps
Terbium	159-2	9997144	9973209	10100904	10023752	0.68	cps
Thallium	203-1	47756510	48552625	47779593	48029576	0.94	cps
Thallium	205-1	111907782	114960048	113961757	113609862	1.37	cps
Thorium	232-1	3900545	4044078	3941445	3962023	1.87	cps
Tin	118-1	26737696	26850702	26672842	26753747	0.34	cps
Titanium	47-1	16840032	17030536	16662761	16844443	1.09	cps
Uranium	238-1	30578522	31713809	30834122	31042151	1.92	cps
Vanadium	51-2	6335807	6332879	6345756	6338147	0.11	cps
Yttrium	89-1	23730160	24243748	23910836	23961582	1.09	cps
Yttrium	89-2	2760266	2755369	2809789	2775141	1.08	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 15:59:03	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1782686	1784573	1776995	1781418	0.22	cps
Zirconium	90-1	1272514	1311822	1298372	1294236	1.54	cps
Zirconium	91-1	283000	296215	287785	289000	2.32	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2019-12-05 16:02:45	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7595309	7622227	7549737	7589091	0.48	cps
Antimony	121-1	2725750	2772576	2755316	2751214	0.86	cps
Arsenic	75-2	119240	120229	119973	119814	0.43	cps
Barium	135-1	13319743	13340827	13302637	13321069	0.14	cps
Barium	137-1	23017955	22869299	22930623	22939293	0.33	cps
Beryllium	9-1	1876390	1866028	1864519	1868979	0.35	cps
Bismuth	209-1	12814839	12875121	12706547	12798836	0.67	cps
Bismuth	209-2	7193942	7191698	7151228	7178956	0.33	cps
Boron	10-1	1237111	1251036	1253016	1247054	0.70	cps
Boron	11-1	6023870	6114827	6095138	6077945	0.79	cps
Cadmium	111-1	6559402	6499545	6445786	6501578	0.87	cps
Cadmium	106-1	584517	584439	590836	586597	0.63	cps
Cadmium	108-1	417844	428376	429704	425308	1.53	cps
Calcium	43-1	1922043	1948894	1968345	1946427	1.19	cps
Calcium	44-1	31895822	32148155	32234483	32092820	0.55	cps
Chromium	52-2	1170998	1184473	1178709	1178060	0.57	cps
Cobalt	59-2	9265971	9280210	9234375	9260185	0.25	cps
Copper	63-2	1744444	1753457	1750141	1749347	0.26	cps
Dysprosium	156-1	325430	321448	322997	323292	0.62	cps
Dysprosium	156-2	143975	146199	144607	144927	0.79	cps
Erbium	164-1	175511	176836	177917	176755	0.68	cps
Erbium	164-2	79343	79366	78964	79224	0.28	cps
Gadolinium	160-1	226573	229039	229024	228212	0.62	cps
Gadolinium	160-2	116531	118016	117768	117438	0.68	cps
Holmium	165-1	22193465	22407233	22173973	22258223	0.58	cps
Holmium	165-2	10397314	10398294	10327037	10374215	0.39	cps
Indium	115-1	16816713	16879446	16892150	16862770	0.24	cps
Indium	115-2	2694501	2727477	2704134	2708704	0.63	cps
Iron	56-2	311897229	312664307	312398607	312320048	0.12	cps
Iron	57-2	38839327	38986273	38873542	38899714	0.20	cps
Krypton	83-1	1617	1550	1727	1631	5.47	cps
Lead	206-1	12424186	12316074	12243698	12327986	0.74	cps
Lead	207-1	10913556	10852927	10719533	10828672	0.92	cps
Lead	208-1	49231947	48988179	48783985	49001370	0.46	cps
Lithium	6-1	8181316	8159725	8165059	8168700	0.14	cps
Magnesium	24-2	33141179	33548307	33086312	33258599	0.76	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2019-12-05 16:02:45	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17295568	17545108	17378482	17406386	0.73	cps
Molybdenum	94-1	1328570	1333817	1344379	1335589	0.60	cps
Molybdenum	95-1	1917584	1929368	1940445	1929133	0.59	cps
Molybdenum	96-1	2091961	2120884	2144923	2119256	1.25	cps
Molybdenum	97-1	1193997	1210081	1210532	1204870	0.78	cps
Molybdenum	98-1	3115031	3124028	3121365	3120141	0.15	cps
Neodymium	150-1	550603	545293	545495	547130	0.55	cps
Neodymium	150-2	193683	194967	193377	194009	0.44	cps
Nickel	60-2	3532816	3548297	3545183	3542099	0.23	cps
Phosphorus	31-2	26232	26742	26107	26360	1.27	cps
Potassium	39-2	15874274	15864999	15777416	15838897	0.34	cps
Rhodium	103-1	15374668	15252009	15337969	15321548	0.41	cps
Rhodium	103-2	6905791	6885164	6884057	6891670	0.18	cps
Scandium	45-1	10606245	10764621	10776640	10715835	0.89	cps
Scandium	45-2	391881	392404	393153	392480	0.16	cps
Selenium	77-2	14324	15078	15168	14857	3.12	cps
Selenium	78-2	47680	47659	47840	47726	0.21	cps
Selenium	82-1	385423	387566	389162	387384	0.48	cps
Silicon	28-1	110646727	110100994	109557244	110101655	0.49	cps
Silver	109-1	6191272	6208160	6236027	6211820	0.36	cps
Silver	107-1	6471814	6506549	6528269	6502211	0.44	cps
Sodium	23-2	19384578	19599184	19404073	19462612	0.61	cps
Strontium	86-1	6626193	6632378	6592156	6616909	0.33	cps
Strontium	88-1	57730437	57445653	57162435	57446175	0.49	cps
Sulfur	34-1	518443	517457	517967	517955	0.10	cps
Terbium	159-1	22847733	22918709	23144985	22970475	0.68	cps
Terbium	159-2	10347482	10310778	10270780	10309680	0.37	cps
Thallium	203-1	25756435	25797526	25694835	25749599	0.20	cps
Thallium	205-1	61176301	60942658	60911387	61010115	0.24	cps
Thorium	232-1	2079916	2083932	2072900	2078916	0.27	cps
Tin	118-1	13883810	14043897	13933755	13953820	0.59	cps
Titanium	47-1	8338183	8456505	8403691	8399460	0.71	cps
Uranium	238-1	16600768	16378938	16227308	16402338	1.15	cps
Vanadium	51-2	3173590	3179440	3178692	3177241	0.10	cps
Yttrium	89-1	22209438	22194374	22067796	22157203	0.35	cps
Yttrium	89-2	2570919	2579543	2559878	2570114	0.38	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	K5609-11DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	2
Date & Time Acquired ::	2019-12-05 16:02:45	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	952538	961026	954073	955879	0.47	cps
Zirconium	90-1	649046	652776	657254	653025	0.63	cps
Zirconium	91-1	143968	144870	147234	145357	1.16	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 16:30:23	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8128011	8156173	8260865	8181683	0.86	cps
Antimony	121-1	7983595	8058780	7955579	7999318	0.67	cps
Arsenic	75-2	236451	237920	236600	236990	0.34	cps
Barium	135-1	10236191	10211721	10100590	10182834	0.71	cps
Barium	137-1	17449802	17613048	17141941	17401597	1.37	cps
Beryllium	9-1	1564891	1571665	1548722	1561759	0.75	cps
Bismuth	209-1	11134081	11110557	10904181	11049606	1.14	cps
Bismuth	209-2	6506559	6484820	6463544	6484975	0.33	cps
Boron	10-1	283369	282124	280449	281981	0.52	cps
Boron	11-1	1310927	1331757	1339822	1327502	1.12	cps
Cadmium	111-1	2349955	2341341	2310370	2333889	0.89	cps
Cadmium	106-1	290856	286987	282808	286884	1.40	cps
Cadmium	108-1	192272	190541	188408	190407	1.02	cps
Calcium	43-1	12803146	12727311	12572855	12701104	0.92	cps
Calcium	44-1	206095638	207202667	204261675	205853327	0.72	cps
Chromium	52-2	2318566	2334968	2345959	2333164	0.59	cps
Cobalt	59-2	3771652	3785215	3777727	3778198	0.18	cps
Copper	63-2	5836362	5880797	5860521	5859227	0.38	cps
Dysprosium	156-1	342	258	325	308	14.30	cps
Dysprosium	156-2	273	243	333	283	16.17	cps
Erbium	164-1	108	108	183	133	32.47	cps
Erbium	164-2	70	57	70	66	11.74	cps
Gadolinium	160-1	233	342	275	283	19.29	cps
Gadolinium	160-2	380	417	327	374	12.09	cps
Holmium	165-1	19891474	19781603	19634577	19769218	0.65	cps
Holmium	165-2	9958600	9787131	9832293	9859341	0.90	cps
Indium	115-1	15445671	15347209	15089218	15294033	1.20	cps
Indium	115-2	2669049	2663817	2658253	2663706	0.20	cps
Iron	56-2	502485278	502369433	504972267	503275659	0.29	cps
Iron	57-2	62698841	62777577	63061664	62846027	0.30	cps
Krypton	83-1	1243	1173	1270	1229	4.06	cps
Lead	206-1	6429000	6361073	6411797	6400623	0.55	cps
Lead	207-1	5470789	5372567	5368444	5403933	1.07	cps
Lead	208-1	25560826	25299930	25234760	25365172	0.68	cps
Lithium	6-1	3892832	3906878	3878755	3892822	0.36	cps
Magnesium	24-2	86991200	87450969	88231887	87558019	0.72	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 16:30:23	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2657551	2691852	2698079	2682494	0.81	cps
Molybdenum	94-1	17926683	17922308	17663789	17837593	0.84	cps
Molybdenum	95-1	22038447	22129742	22004878	22057689	0.29	cps
Molybdenum	96-1	24591189	24527561	24359419	24492723	0.49	cps
Molybdenum	97-1	13806114	13787006	13820242	13804454	0.12	cps
Molybdenum	98-1	35740310	35699213	35540884	35660136	0.30	cps
Neodymium	150-1	893	947	807	882	8.01	cps
Neodymium	150-2	93	123	143	120	20.97	cps
Nickel	60-2	992586	997322	995519	995142	0.24	cps
Phosphorus	31-2	8027	8203	8203	8144	1.24	cps
Potassium	39-2	39471395	39634650	39935619	39680554	0.59	cps
Rhodium	103-1	13479046	13399425	13316943	13398471	0.60	cps
Rhodium	103-2	6194516	6243225	6251107	6229616	0.49	cps
Scandium	45-1	9584098	9583310	9514259	9560556	0.42	cps
Scandium	45-2	372065	378829	378135	376343	0.99	cps
Selenium	77-2	7025	6998	6888	6971	1.04	cps
Selenium	78-2	23462	23246	23339	23349	0.46	cps
Selenium	82-1	176679	177771	174371	176274	0.98	cps
Silicon	28-1	8074980	8262404	8208224	8181869	1.18	cps
Silver	109-1	10691262	10696595	10626649	10671502	0.36	cps
Silver	107-1	11116295	11121797	11084853	11107649	0.18	cps
Sodium	23-2	169490300	171010366	171182495	170561054	0.55	cps
Strontium	86-1	2598966	2630415	2603874	2611085	0.65	cps
Strontium	88-1	23418215	23389424	23215869	23341169	0.47	cps
Sulfur	34-1	618872	616119	612994	615995	0.48	cps
Terbium	159-1	20730302	20718052	20391689	20613348	0.93	cps
Terbium	159-2	9800709	9822966	9783687	9802454	0.20	cps
Thallium	203-1	8009616	8014506	7918967	7981030	0.67	cps
Thallium	205-1	19022375	18860973	18779786	18887711	0.65	cps
Thorium	232-1	108687	107931	107674	108097	0.49	cps
Tin	118-1	7348928	7326321	7269333	7314860	0.56	cps
Titanium	47-1	5843720	5875659	5840690	5853356	0.33	cps
Uranium	238-1	27438289	27567632	27419687	27475203	0.29	cps
Vanadium	51-2	1843293	1853838	1857166	1851432	0.39	cps
Yttrium	89-1	18460106	18231966	18071371	18254481	1.07	cps
Yttrium	89-2	2270600	2275192	2283994	2276595	0.30	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 16:30:23	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	869887	875353	873432	872891	0.32	cps
Zirconium	90-1	14642403	14587903	14436477	14555595	0.73	cps
Zirconium	91-1	3195764	3169013	3126216	3163664	1.11	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 16:40:04	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	58	83	69	18.33	cps
Antimony	121-1	3409	3684	4134	3742	9.78	cps
Arsenic	75-2	15	26	22	21	26.98	cps
Barium	135-1	142	142	117	133	10.83	cps
Barium	137-1	300	267	158	242	30.65	cps
Beryllium	9-1	328	317	228	291	18.85	cps
Bismuth	209-1	12935843	13074786	13073933	13028187	0.61	cps
Bismuth	209-2	7873103	7877519	7885331	7878651	0.08	cps
Boron	10-1	8711	8294	8119	8375	3.63	cps
Boron	11-1	40071	40163	38700	39645	2.07	cps
Cadmium	111-1	4446	4786	4537	4590	3.83	cps
Cadmium	106-1	8495	9287	8803	8861	4.51	cps
Cadmium	108-1	8	29	50	29	71.43	cps
Calcium	43-1	442	417	500	453	9.44	cps
Calcium	44-1	14700	14625	14591	14639	0.38	cps
Chromium	52-2	1460	1633	1510	1535	5.81	cps
Cobalt	59-2	167	170	133	157	12.94	cps
Copper	63-2	1073	1040	1200	1105	7.64	cps
Dysprosium	156-1	33	67	42	47	36.74	cps
Dysprosium	156-2	23	23	23	23	0.00	cps
Erbium	164-1	142	108	100	117	18.89	cps
Erbium	164-2	60	73	63	66	10.58	cps
Gadolinium	160-1	142	150	117	136	12.75	cps
Gadolinium	160-2	430	357	363	383	10.58	cps
Holmium	165-1	20750376	20836692	20773344	20786804	0.22	cps
Holmium	165-2	10557635	10627151	10586098	10590295	0.33	cps
Indium	115-1	17202951	17368863	17236111	17269308	0.51	cps
Indium	115-2	2982973	3046877	3038931	3022927	1.15	cps
Iron	56-2	11143	11155	11499	11266	1.80	cps
Iron	57-2	1453	1460	1550	1488	3.63	cps
Krypton	83-1	1353	1257	1400	1337	5.47	cps
Lead	206-1	1906	1900	1828	1878	2.31	cps
Lead	207-1	1911	1734	1567	1737	9.92	cps
Lead	208-1	7323	7106	6906	7112	2.93	cps
Lithium	6-1	4238231	4269587	4275407	4261075	0.47	cps
Magnesium	24-2	1092	1267	1208	1189	7.50	cps

LB Number : LB106621 Operator : Jaswal
 Lab Sample ID : CCB63 Instrumnet Name : P7
 Client Sample ID : CCB63 Dilution Factor : 1
 Date & Time Acquired :: 2019-12-05 16:40:04 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	140	117	97	118	18.41	cps
Molybdenum	94-1	1342	1425	1525	1431	6.42	cps
Molybdenum	95-1	1383	1492	1283	1386	7.52	cps
Molybdenum	96-1	1617	1709	1450	1592	8.23	cps
Molybdenum	97-1	908	900	783	864	8.09	cps
Molybdenum	98-1	2292	2059	2034	2128	6.70	cps
Neodymium	150-1	7	33	20	20	66.65	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	87	50	50	62	34.02	cps
Phosphorus	31-2	167	125	175	156	17.22	cps
Potassium	39-2	26892	28319	26934	27382	2.97	cps
Rhodium	103-1	15674611	15856238	15799134	15776661	0.59	cps
Rhodium	103-2	7518746	7520969	7517869	7519195	0.02	cps
Scandium	45-1	10225167	10396015	10347656	10322946	0.85	cps
Scandium	45-2	400545	403434	404803	402927	0.54	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	61	69	57	62	9.07	cps
Selenium	82-1	-123	8	-191	-102	-98.91	cps
Silicon	28-1	193100	180797	179488	184461	4.07	cps
Silver	109-1	358	400	408	389	6.89	cps
Silver	107-1	500	433	567	500	13.33	cps
Sodium	23-2	35877	34725	33797	34800	2.99	cps
Strontium	86-1	2242	2009	2067	2106	5.77	cps
Strontium	88-1	300	358	392	350	13.26	cps
Sulfur	34-1	565348	573974	569158	569493	0.76	cps
Terbium	159-1	21532419	21751198	21792130	21691916	0.64	cps
Terbium	159-2	10491975	10657683	10550687	10566782	0.80	cps
Thallium	203-1	1850	1909	1875	1878	1.56	cps
Thallium	205-1	4084	3767	4101	3984	4.72	cps
Thorium	232-1	1889	1834	2072	1932	6.47	cps
Tin	118-1	2184	2484	2567	2411	8.36	cps
Titanium	47-1	267	225	275	256	10.48	cps
Uranium	238-1	2575	2450	2584	2536	2.94	cps
Vanadium	51-2	13	20	37	23	51.52	cps
Yttrium	89-1	19470448	19789701	19700936	19653695	0.84	cps
Yttrium	89-2	2416705	2466530	2433589	2438941	1.04	cps

LB Number :	LB106621	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2019-12-05 16:40:04	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	680	760	727	722	5.56	cps
Zirconium	90-1	1475	1959	1959	1797	15.53	cps
Zirconium	91-1	333	358	508	400	23.66	cps