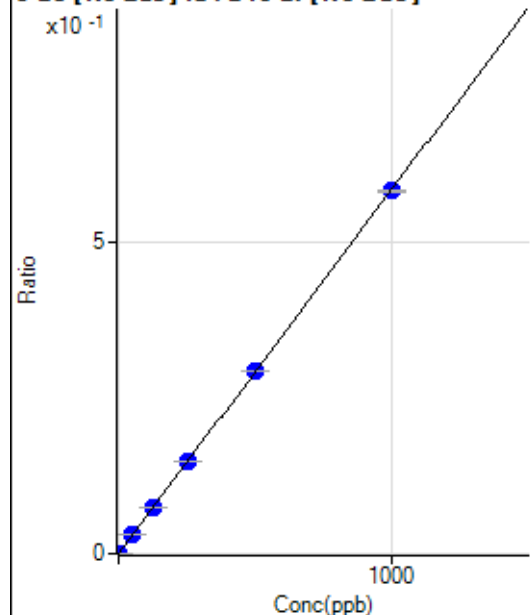


Batch Folder: D:\ICP-MS Data\P7091319MS.b\
Analysis File: P7091319MS.batch.bin
DA Date-Time: 2019-10-24 16:25:33
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-09-13 14:50:01
2	004CAL.S.d	S02	2019-09-13 14:53:37
3	005CAL.S.d	S03	2019-09-13 14:58:28
4	006CAL.S.d	S04	2019-09-13 15:02:41
5	007CAL.S.d	S05	2019-09-13 15:06:30
6	008CAL.S.d	S06	2019-09-13 15:10:18
7	009CAL.S.d	S07	2019-09-13 15:14:03
8	010CAL.S.d	S08	2019-09-13 15:17:50

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	123.34	0.0000	P	13.8
2	☐	1.000	1.005	2942.55	0.0006	P	6.4
3	☐	50.000	51.872	143101.47	0.0303	P	0.2
4	☐	125.000	127.175	338788.69	0.0742	P	0.5
5	☐	250.000	253.825	630440.46	0.1480	P	0.6
6	☐	500.000	503.621	1246319.32	0.2937	P	0.1
7	☐	1000.000	996.868	2411186.68	0.5812	P	0.2
8	☐			386.68	0.0001	P	4.4

$$y = 5.8304\text{E-}004 * x + 2.5478\text{E-}005$$

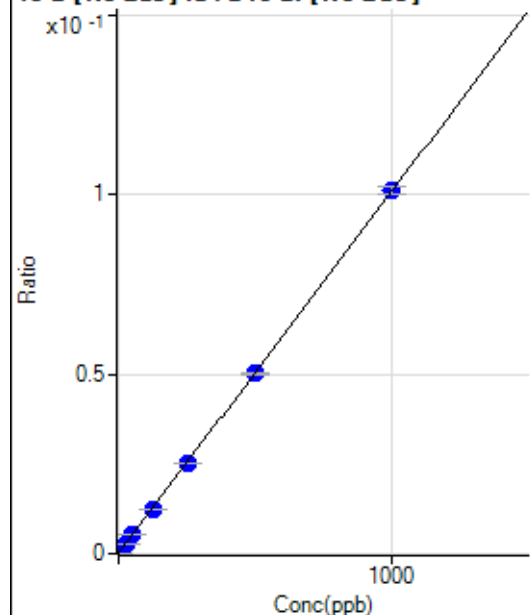
$$R = 1.0000$$

$$DL = 0.01813$$

$$BEC = 0.0437$$

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	711.16	0.0001	P	10.3
2	☐	25.000	25.140	12886.52	0.0027	P	0.9
3	☐	50.000	49.440	24242.51	0.0051	P	0.5
4	☐	125.000	122.236	56916.51	0.0125	P	2.0
5	☐	250.000	247.287	106734.01	0.0251	P	1.0
6	☐	500.000	498.042	213572.96	0.0503	P	0.9
7	☐	1000.000	1002.027	419388.32	0.1011	P	2.2
8	☐			21769.24	0.0056	P	11.4

$$y = 1.0075\text{E-}004 * x + 1.4697\text{E-}004$$

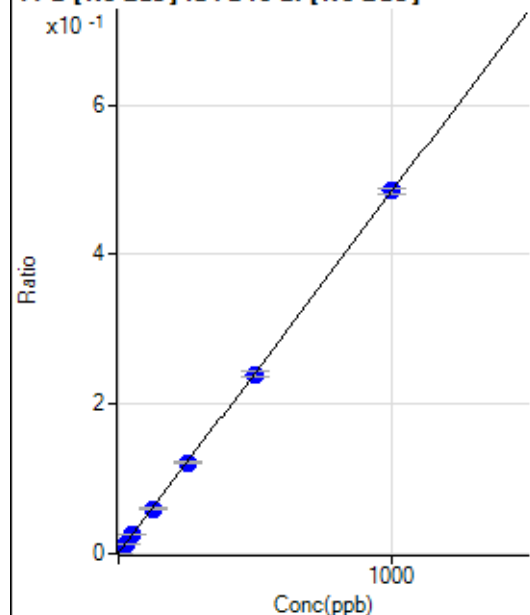
$$R = 1.0000$$

$$DL = 0.4505$$

$$BEC = 1.459$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3720.06	0.0008	P	4.9
2	☐	25.000	23.908	59214.28	0.0123	P	1.5
3	☐	50.000	49.439	116499.53	0.0246	P	1.7
4	☐	125.000	122.804	274353.88	0.0601	P	1.8
5	☐	250.000	250.497	518464.89	0.1217	P	1.0
6	☐	500.000	495.254	1018258.96	0.2399	P	2.5
7	☐	1000.000	1002.579	2011571.42	0.4849	P	1.8
8	☐			104453.02	0.0266	P	7.3

$$y = 4.8289\text{E-}004 * x + 7.6871\text{E-}004$$

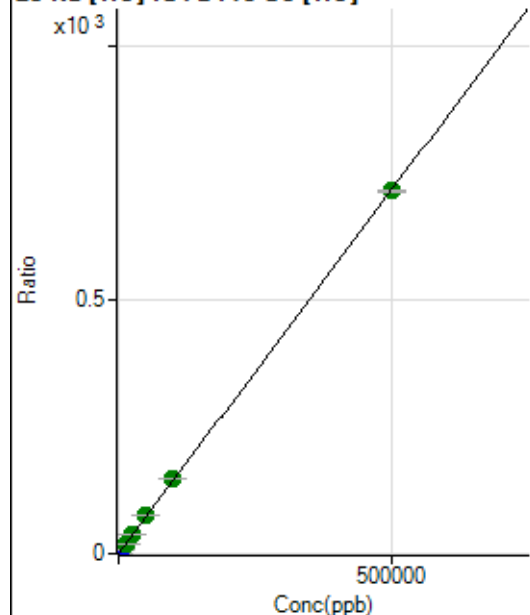
$$R = 1.0000$$

$$DL = 0.2338$$

$$BEC = 1.592$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27648.66	0.0627	P	2.4
2	☐	500.000	522.537	364033.13	0.8109	P	0.4
3	☐	5000.000	5312.028	3368514.94	7.6696	P	0.5
4	☐	12500.000	13032.992	7923729.78	18.7263	A	0.6
5	☐	25000.000	26449.787	15332233.67	37.9396	A	0.6
6	☐	50000.000	52599.812	30689824.30	75.3872	A	0.3
7	☐	100000.00	103982.79	60906439.56	148.9693	A	0.6
8	☐	500000.00	498854.50	287156223.0	714.4380	A	0.5

$$y = 0.0014 * x + 0.0627$$

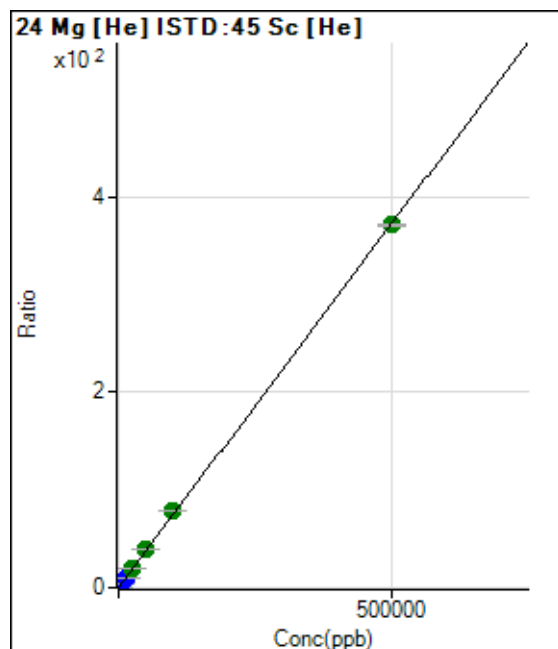
$$R = 1.0000$$

$$DL = 3.185$$

$$BEC = 43.75$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	347.24	0.0008	P	1.1
2	☐	500.000	558.661	187233.57	0.4171	P	1.1
3	☐	5000.000	5413.550	1772034.20	4.0348	P	0.8
4	☐	12500.000	13344.335	4207908.04	9.9445	P	0.4
5	☐	25000.000	26872.216	8092716.07	20.0251	A	0.4
6	☐	50000.000	53425.682	16207132.31	39.8118	A	0.4
7	☐	100000.00	104860.69	31947768.77	78.1395	A	0.2
8	☐	500000.00	498566.37	149327347.7	371.5159	A	0.4

$$y = 7.4517\text{E-}004 * x + 7.8680\text{E-}004$$

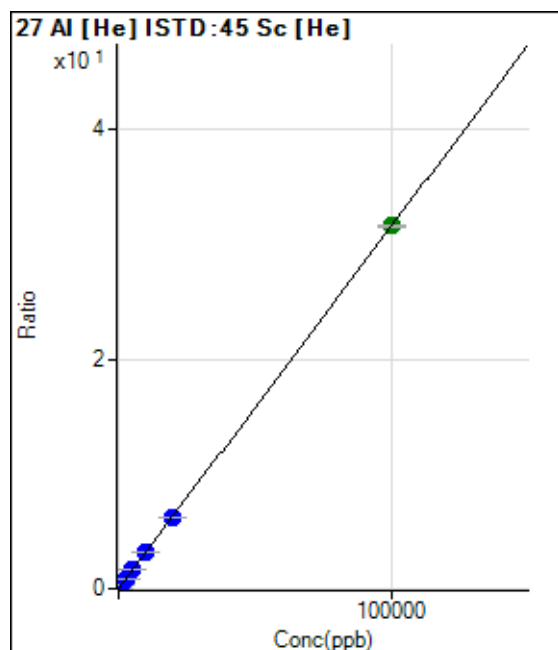
$$R = 0.9999$$

$$DL = 0.03438$$

$$BEC = 1.056$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0001	P	50.1
2	☐	20.000	20.248	2905.96	0.0065	P	7.8
3	☐	1000.000	1031.566	143218.55	0.3261	P	1.2
4	☐	2500.000	2526.144	337859.60	0.7985	P	0.9
5	☐	5000.000	5083.036	649268.70	1.6066	P	0.8
6	☐	10000.000	10048.532	1292928.11	3.1760	P	0.5
7	☐	20000.000	19789.780	2557326.14	6.2548	P	0.2
8	☐	100000.00	100032.07	12707911.65	31.6162	A	0.2

$$y = 3.1606\text{E-}004 * x + 7.5496\text{E-}005$$

$$R = 1.0000$$

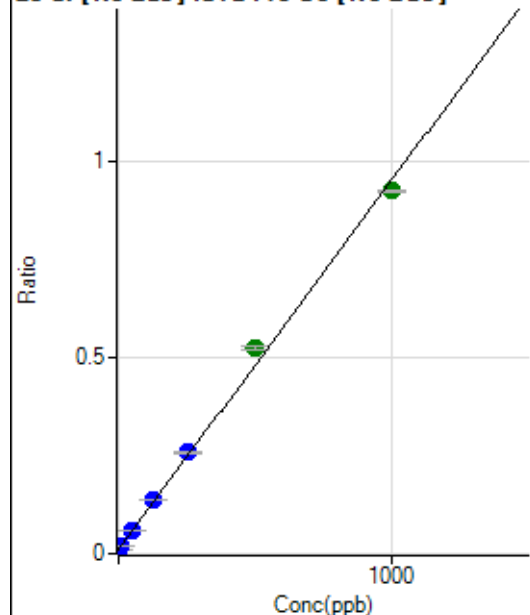
$$DL = 0.3594$$

$$BEC = 0.2389$$

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	115538.11	0.0108	P	2.1
2	☐	10.000	8.698	200220.18	0.0190	P	0.8
3	☐	50.000	53.206	642155.43	0.0608	P	1.4
4	☐	125.000	133.441	1387279.00	0.1363	P	1.3
5	☐	250.000	263.009	2471027.62	0.2583	P	1.0
6	☐	500.000	547.438	5090584.23	0.5259	A	1.8
7	☐	1000.000	971.827	8922411.92	0.9253	A	0.7
8	☐			476045.75	0.0513	P	1.9

$$y = 9.4099\text{E-}004 * x + 0.0108$$

$$R = 0.9982$$

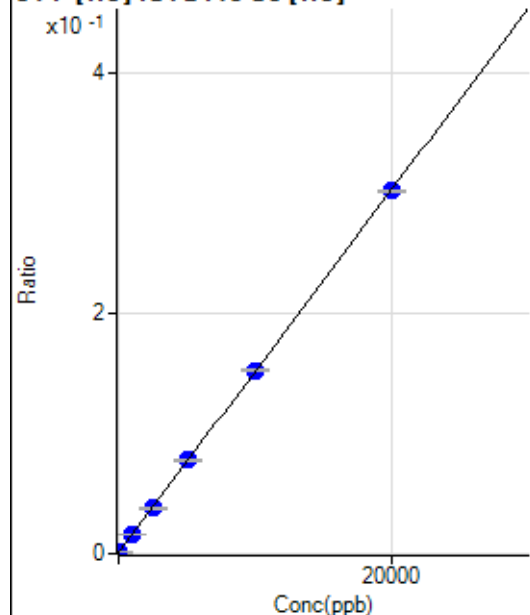
$$DL = 0.7095$$

$$BEC = 11.45$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-28.088	152.79	0.0003	P	18.2
2	☐	0.000	28.088	536.15	0.0012	P	16.3
3	☐	1000.000	982.385	6862.95	0.0156	P	1.6
4	☐	2500.000	2480.478	16201.16	0.0383	P	3.4
5	☐	5000.000	5118.288	31592.63	0.0782	P	1.6
6	☐	10000.000	10060.781	62250.26	0.1529	P	0.9
7	☐	20000.000	19943.359	123626.30	0.3024	P	0.4
8	☐			105.56	0.0003	P	63.5

$$y = 1.5123\text{E-}005 * x + 7.7059\text{E-}004$$

$$R = 1.0000$$

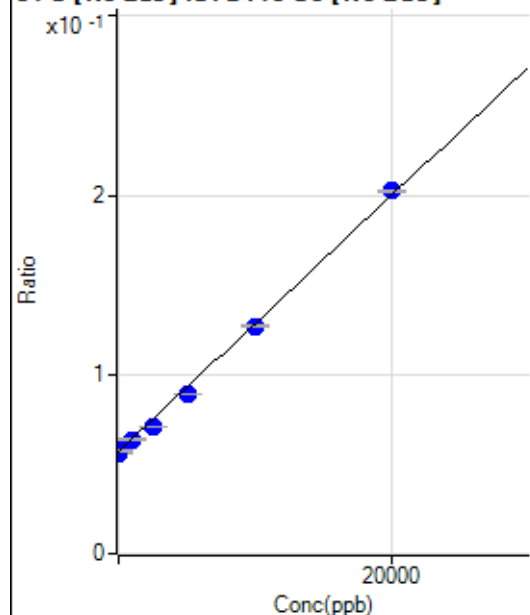
$$DL = 25.63$$

$$BEC = 50.96$$

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	-102.651	603595.86	0.0563	P	1.1
2	☐	0.000	102.651	609809.44	0.0577	P	1.4
3	☐	1000.000	951.577	673591.88	0.0638	P	0.8
4	☐	2500.000	1897.080	718126.92	0.0706	P	0.5
5	☐	5000.000	4486.952	852500.97	0.0891	P	0.2
6	☐	10000.000	9752.071	1227020.42	0.1268	P	1.1
7	☐	20000.000	20330.013	1952036.11	0.2024	P	0.6
8	☐			504939.96	0.0544	P	0.0

$$y = 7.1532\text{E-}006 * x + 0.0570$$

R = 0.9992

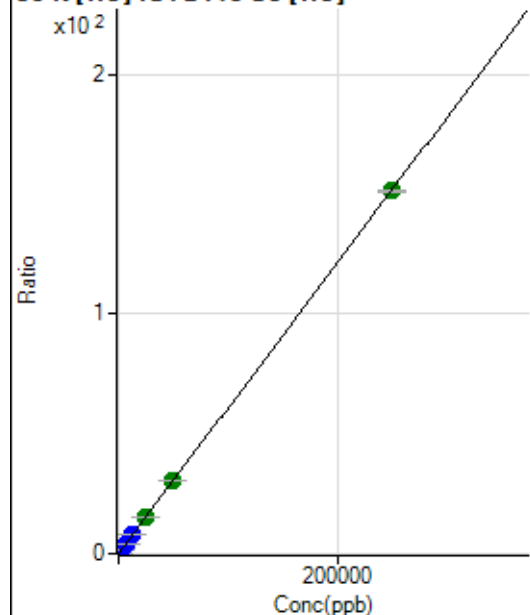
DL = 296.5

BEC = 7969

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	20525.99	0.0465	P	1.1
2	☐	500.000	516.467	161298.82	0.3593	P	1.2
3	☐	2500.000	2576.466	705834.18	1.6070	P	0.8
4	☐	6250.000	6315.715	1638274.18	3.8717	P	0.4
5	☐	12500.000	12860.537	3166614.28	7.8357	P	0.3
6	☐	25000.000	25538.386	6315819.50	15.5142	A	0.2
7	☐	50000.000	50587.516	12545974.84	30.6856	A	0.4
8	☐	250000.00	249808.19	60832706.92	151.3466	A	0.3

$$y = 6.0567\text{E-}004 * x + 0.0465$$

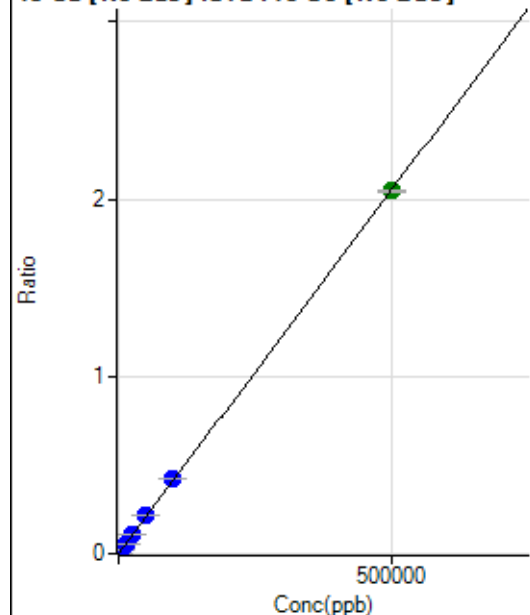
R = 1.0000

DL = 2.563

BEC = 76.79

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	141.67	0.0000	P	16.2
2	☐	500.000	515.407	22470.67	0.0021	P	2.7
3	☐	5000.000	5281.410	228762.91	0.0217	P	1.7
4	☐	12500.000	13054.587	544920.50	0.0536	P	0.2
5	☐	25000.000	26161.153	1026688.23	0.1073	P	0.7
6	☐	50000.000	52135.403	2069814.56	0.2138	P	0.6
7	☐	100000.00	103991.52	4112762.59	0.4265	P	0.5
8	☐	500000.00	498913.40	18994038.97	2.0461	A	0.4

$$y = 4.1011\text{E-}006 * x + 1.3217\text{E-}005$$

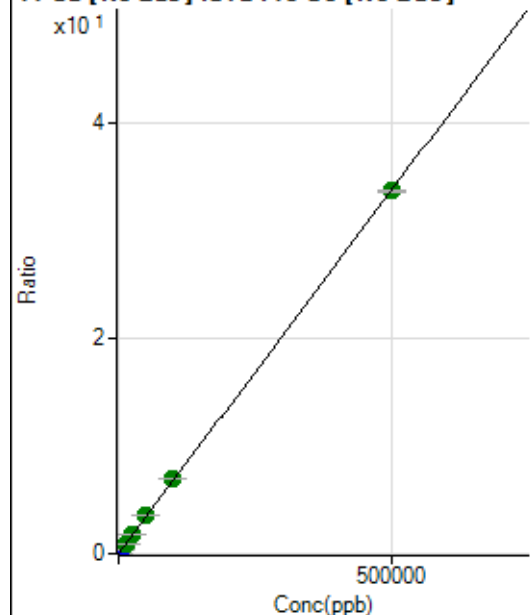
$$R = 1.0000$$

$$DL = 1.564$$

$$BEC = 3.223$$

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	16043.07	0.0015	P	5.2
2	☐	500.000	506.215	376925.78	0.0357	P	0.8
3	☐	5000.000	5234.827	3747838.58	0.3551	P	0.7
4	☐	12500.000	12917.587	8892862.26	0.8739	A	0.3
5	☐	25000.000	25870.877	16732660.96	1.7488	A	0.4
6	☐	50000.000	51737.951	33839366.73	3.4959	A	0.5
7	☐	100000.00	103092.07	67158591.08	6.9643	A	0.2
8	☐	500000.00	499151.45	312962959.7	33.7140	A	0.5

$$y = 6.7540\text{E-}005 * x + 0.0015$$

$$R = 1.0000$$

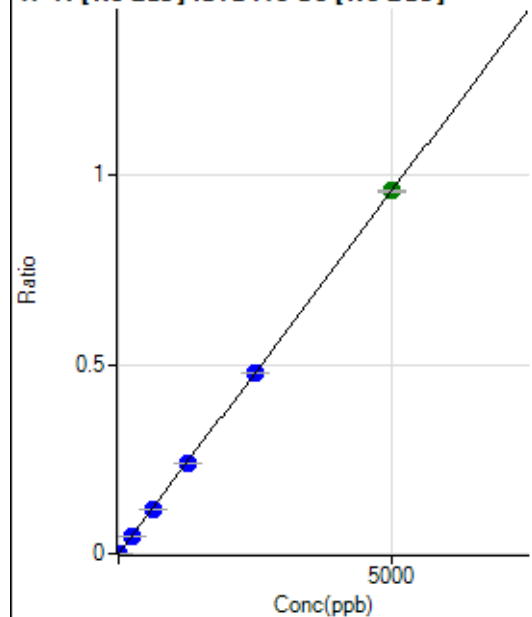
$$DL = 3.453$$

$$BEC = 22.14$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	42.7
2	☐	5.000	5.280	10765.44	0.0010	P	1.6
3	☐	250.000	249.684	504493.98	0.0478	P	0.2
4	☐	625.000	620.575	1208570.64	0.1188	P	0.6
5	☐	1250.000	1242.624	2275439.87	0.2378	P	0.3
6	☐	2500.000	2492.019	4616525.97	0.4769	P	0.5
7	☐	5000.000	5006.403	9239246.73	0.9581	A	0.5
8	☐			2058.57	0.0002	P	5.3

$$y = 1.9138\text{E-}004 * x + 8.5682\text{E-}006$$

$$R = 1.0000$$

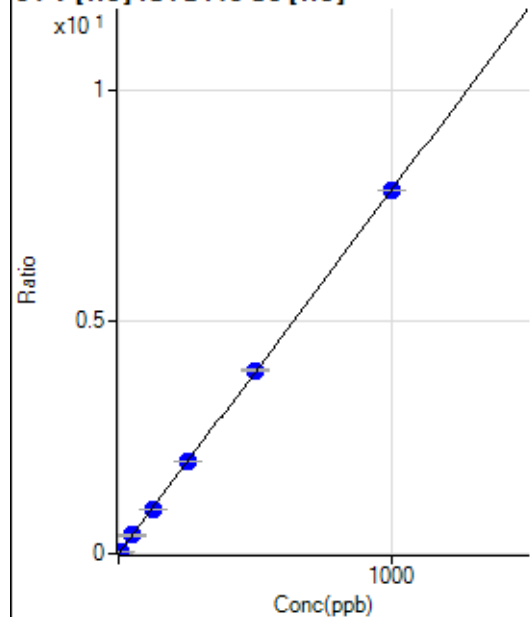
$$DL = 0.05742$$

$$BEC = 0.04477$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.00	0.0000	P	58.2
2	☐	5.000	5.158	18134.71	0.0404	P	1.0
3	☐	50.000	50.371	173195.73	0.3943	P	0.6
4	☐	125.000	123.687	409699.44	0.9682	P	0.4
5	☐	250.000	251.851	796720.42	1.9715	P	0.3
6	☐	500.000	503.103	1603188.83	3.9382	P	1.0
7	☐	1000.000	998.130	3194507.84	7.8132	P	0.1
8	☐			528.91	0.0013	P	9.6

$$y = 0.0078 * x + 2.2734\text{E-}005$$

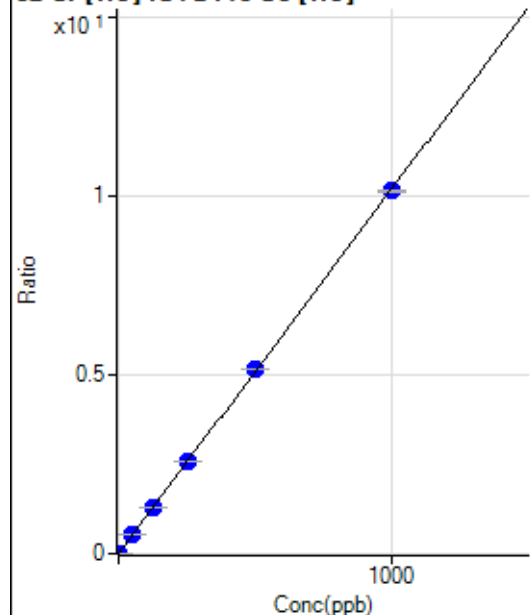
$$R = 1.0000$$

$$DL = 0.005068$$

$$BEC = 0.002904$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	775.59	0.0018	P	4.5
2	☐	2.000	2.017	10009.09	0.0223	P	3.0
3	☐	50.000	51.380	230616.39	0.5251	P	0.3
4	☐	125.000	125.326	540864.97	1.2782	P	0.6
5	☐	250.000	253.910	1045837.57	2.5879	P	0.4
6	☐	500.000	506.132	2099303.53	5.1569	P	0.6
7	☐	1000.000	995.847	4147744.24	10.1448	P	0.3
8	☐			114448.50	0.2847	P	0.7

$$y = 0.0102 * x + 0.0018$$

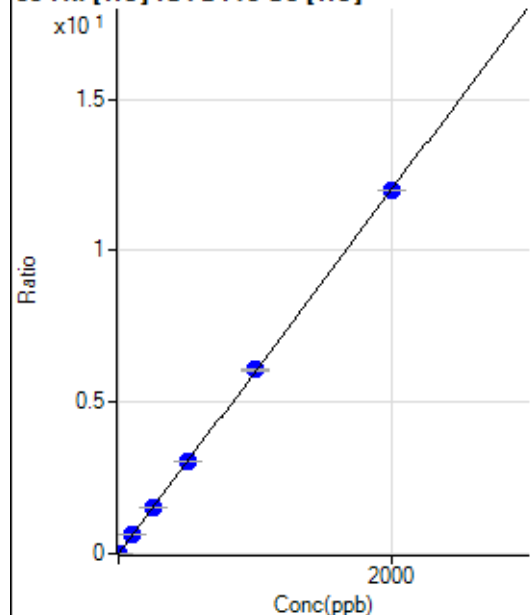
$$R = 1.0000$$

$$DL = 0.02308$$

$$BEC = 0.1726$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0001	P	5.1
2	☐	1.000	1.067	2918.12	0.0065	P	2.3
3	☐	100.000	102.744	271058.28	0.6172	P	0.3
4	☐	250.000	250.830	637466.47	1.5065	P	0.6
5	☐	500.000	507.225	1231097.98	3.0464	P	0.9
6	☐	1000.000	1009.464	2468064.14	6.0627	P	0.7
7	☐	2000.000	1993.221	4894428.43	11.9710	P	0.1
8	☐			15379.38	0.0383	P	4.3

$$y = 0.0060 * x + 9.3165E-005$$

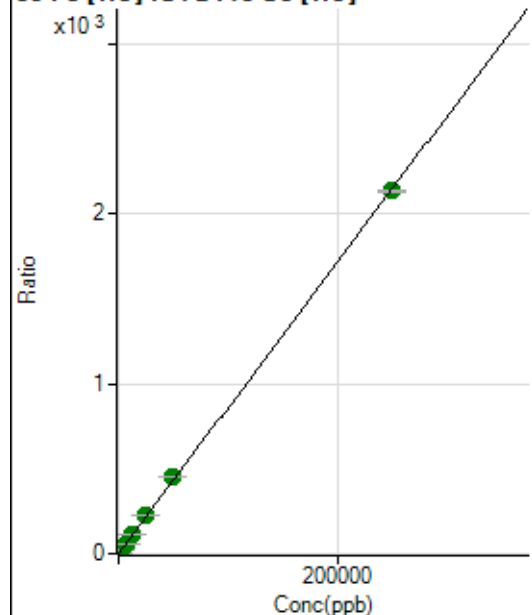
$$R = 1.0000$$

$$DL = 0.002371$$

$$BEC = 0.01551$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2616.97	0.0059	P	5.4
2	☐	50.000	56.481	219701.70	0.4894	P	1.4
3	☐	2500.000	2721.794	10235716.78	23.3059	A	0.7
4	☐	6250.000	6659.632	24124859.80	57.0159	A	1.0
5	☐	12500.000	13483.187	46647456.13	115.4291	A	0.6
6	☐	25000.000	26655.883	92896625.22	228.1942	A	0.4
7	☐	50000.000	52663.267	184324900.4	450.8310	A	0.4
8	☐	250000.00	249240.13	857592308.0	2,133.631	A	0.5

$$y = 0.0086 * x + 0.0059$$

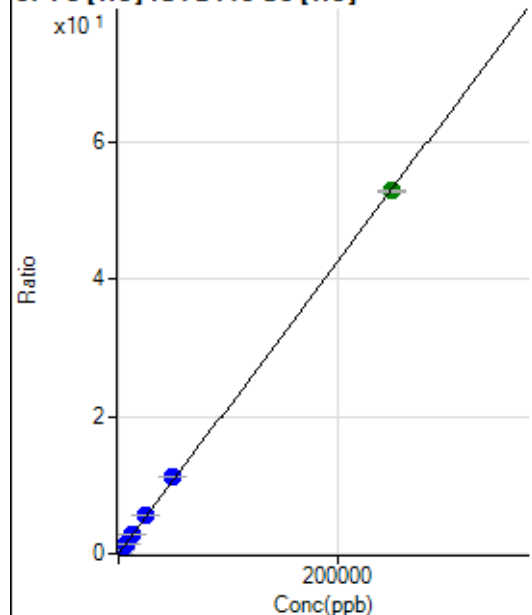
$$R = 0.9999$$

$$DL = 0.1123$$

$$BEC = 0.6928$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0002	P	0.9
2	☐	50.000	59.646	5779.09	0.0129	P	3.6
3	☐	2500.000	2726.437	253739.74	0.5777	P	0.3
4	☐	6250.000	6674.716	598292.42	1.4140	P	0.8
5	☐	12500.000	13500.430	1155665.84	2.8597	P	0.5
6	☐	25000.000	26787.999	2309906.62	5.6741	P	0.4
7	☐	50000.000	52862.505	4577865.84	11.1968	P	0.5
8	☐	250000.00	249185.79	21214128.02	52.7790	A	0.2

$$y = 2.1180E-004 * x + 2.3920E-004$$

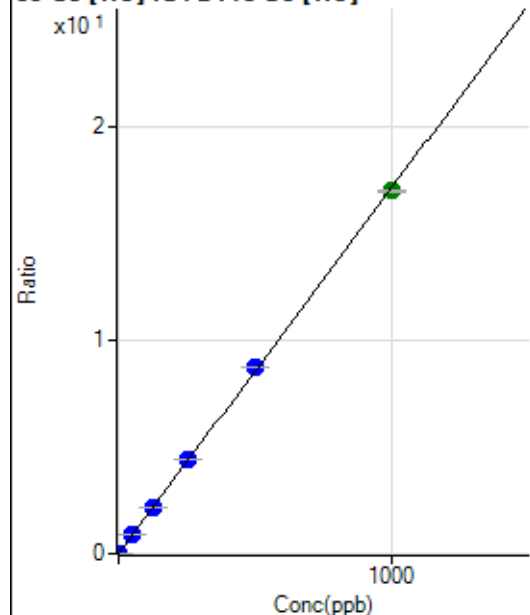
$$R = 0.9999$$

$$DL = 0.03203$$

$$BEC = 1.129$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	71.11	0.0002	P	16.8
2	☐	1.000	1.060	8241.32	0.0184	P	1.9
3	☐	50.000	52.679	397084.52	0.9042	P	1.1
4	☐	125.000	128.316	931793.70	2.2021	P	0.5
5	☐	250.000	259.029	1796411.26	4.4452	P	0.5
6	☐	500.000	509.851	3561857.93	8.7494	P	0.5
7	☐	1000.000	992.269	6961949.76	17.0279	A	0.5
8	☐			79602.31	0.1981	P	0.5

$$y = 0.0172 * x + 1.6118E-004$$

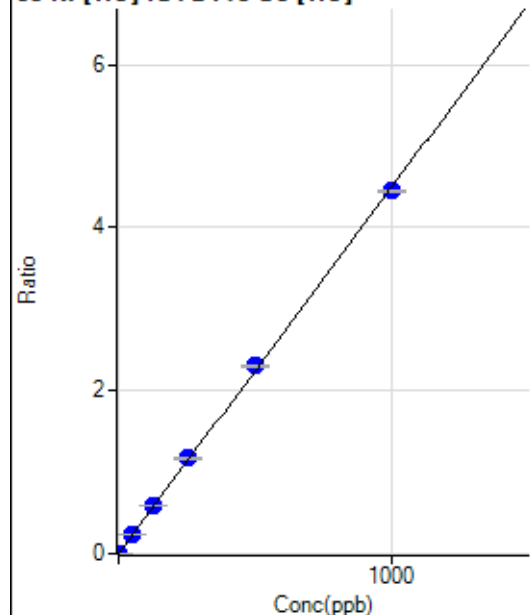
$$R = 0.9999$$

$$DL = 0.004735$$

$$BEC = 0.009393$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	120.00	0.0003	P	19.9
2	☐	1.000	1.143	2428.01	0.0054	P	0.7
3	☐	50.000	53.889	106441.64	0.2424	P	1.4
4	☐	125.000	130.196	247599.29	0.5852	P	1.1
5	☐	250.000	260.055	472239.20	1.1686	P	0.7
6	☐	500.000	512.075	936640.13	2.3008	P	0.3
7	☐	1000.000	990.605	1819613.45	4.4505	P	0.7
8	☐			47242.72	0.1175	P	0.5

$$y = 0.0045 * x + 2.7214E-004$$

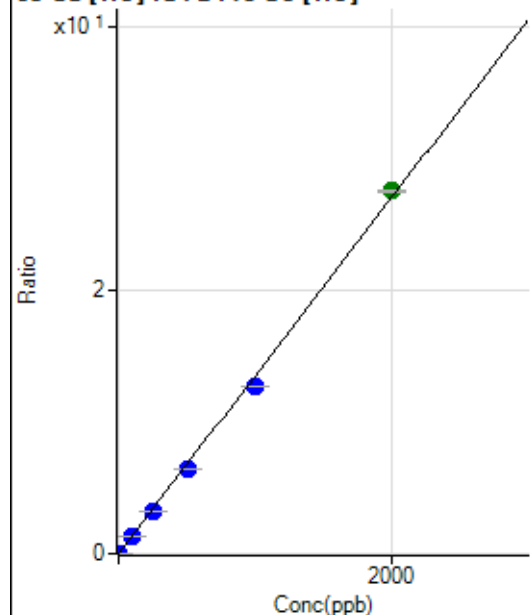
$$R = 0.9998$$

$$DL = 0.03617$$

$$BEC = 0.06058$$

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	1154.52	0.0026	P	7.5
2	☐	2.000	1.978	13164.96	0.0293	P	2.3
3	☐	100.000	98.244	583739.64	1.3292	P	1.0
4	☐	250.000	239.040	1366789.74	3.2303	P	1.1
5	☐	500.000	477.266	2605332.88	6.4469	P	0.6
6	☐	1000.000	937.477	5154116.38	12.6609	P	0.6
7	☐	2000.000	2038.403	11254230.25	27.5261	A	0.2
8	☐			15558.44	0.0387	P	0.3

$$y = 0.0135 * x + 0.0026$$

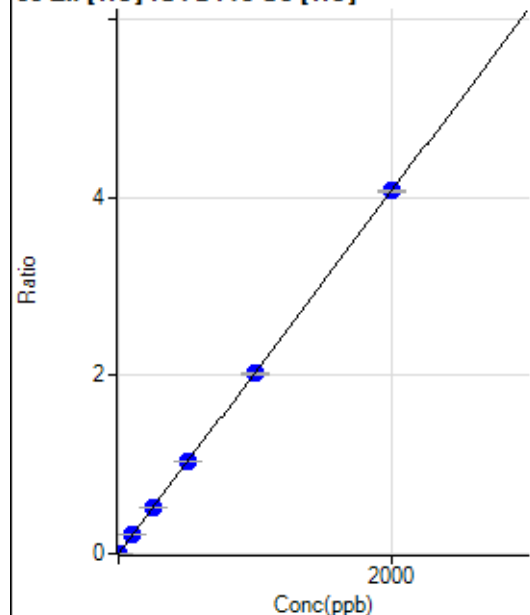
$$R = 0.9992$$

$$DL = 0.04343$$

$$BEC = 0.1938$$

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	258.90	0.0006	P	14.9
2	☐	2.000	2.222	2293.55	0.0051	P	2.9
3	☐	100.000	103.419	92687.40	0.2111	P	1.8
4	☐	250.000	253.809	218812.73	0.5171	P	1.1
5	☐	500.000	508.987	418865.69	1.0365	P	0.3
6	☐	1000.000	994.115	823878.53	2.0238	P	0.7
7	☐	2000.000	2000.049	1664459.12	4.0711	P	0.7
8	☐			13490.86	0.0336	P	1.9

$$y = 0.0020 * x + 5.8621E-004$$

$$R = 1.0000$$

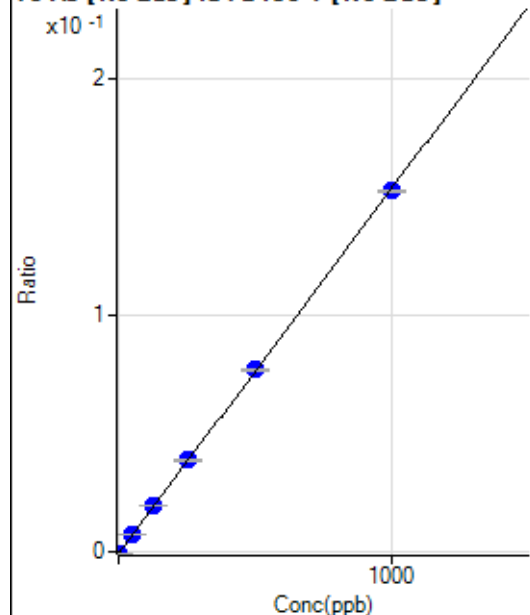
$$DL = 0.1287$$

$$BEC = 0.288$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-11651.49	-0.0005	P	-3.1
2	☐	1.000	0.935	-8445.71	-0.0004	P	-11.6
3	☐	50.000	52.786	165608.91	0.0076	P	1.5
4	☐	125.000	129.549	412647.56	0.0194	P	0.6
5	☐	250.000	255.936	790136.25	0.0388	P	0.3
6	☐	500.000	504.584	1582369.22	0.0770	P	0.9
7	☐	1000.000	995.516	3116814.38	0.1525	P	0.6
8	☐			-6559.30	-0.0003	P	-6.9

$$y = 1.5374\text{E-}004 * x - 5.2717\text{E-}004$$

$$R = 1.0000$$

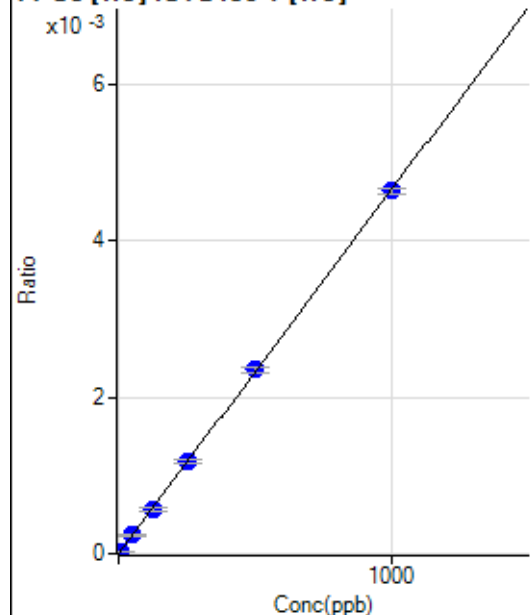
$$DL = 0.3179$$

$$BEC = -3.429$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.098	66.66	0.0000	P	8.6
3	☐	50.000	51.155	652.25	0.0002	P	11.5
4	☐	125.000	121.532	1493.44	0.0006	P	7.5
5	☐	250.000	254.450	3007.03	0.0012	P	3.6
6	☐	500.000	505.118	6024.68	0.0024	P	2.5
7	☐	1000.000	996.704	11832.77	0.0046	P	1.3
8	☐			5.55	0.0000	P	69.3

$$y = 4.6556\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 1.0000$$

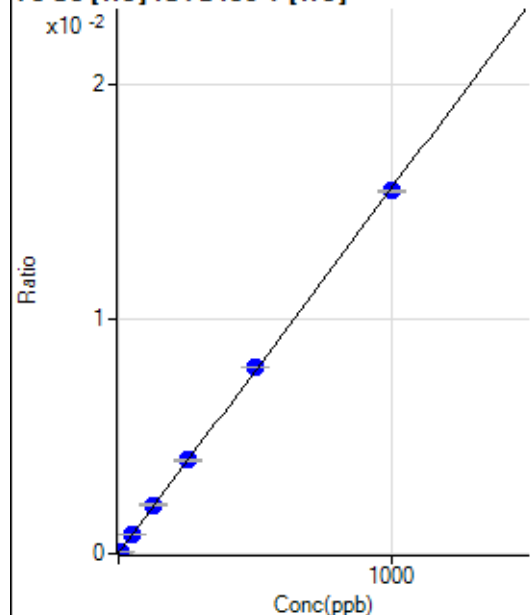
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	51.1
2	☐	5.000	5.312	277.78	0.0001	P	5.8
3	☐	50.000	52.912	2298.97	0.0008	P	3.6
4	☐	125.000	132.420	5485.03	0.0021	P	2.7
5	☐	250.000	255.704	10142.50	0.0040	P	1.9
6	☐	500.000	509.147	20340.87	0.0079	P	0.1
7	☐	1000.000	992.926	39444.21	0.0155	P	0.5
8	☐			50.62	0.0000	P	20.4

$$y = 1.5562\text{E-}005 * x + 1.6224\text{E-}005$$

$$R = 0.9999$$

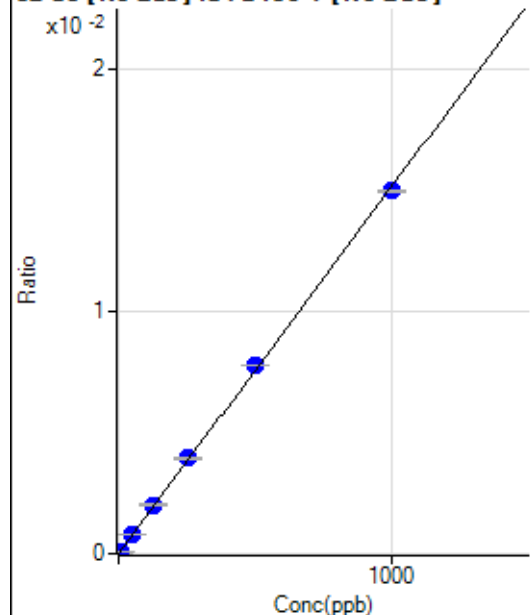
$$DL = 1.6$$

$$BEC = 1.043$$

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	-223.74	0.0000	P	-109.
2	☐	5.000	6.220	1847.61	0.0001	P	13.6
3	☐	50.000	54.103	17632.69	0.0008	P	1.5
4	☐	125.000	133.263	42664.70	0.0020	P	0.7
5	☐	250.000	260.275	79892.26	0.0039	P	1.5
6	☐	500.000	513.968	159392.64	0.0078	P	0.9
7	☐	1000.000	989.203	305439.71	0.0149	P	0.4
8	☐			109.44	0.0000	P	202.0

$$y = 1.5120\text{E-}005 * x - 1.0144\text{E-}005$$

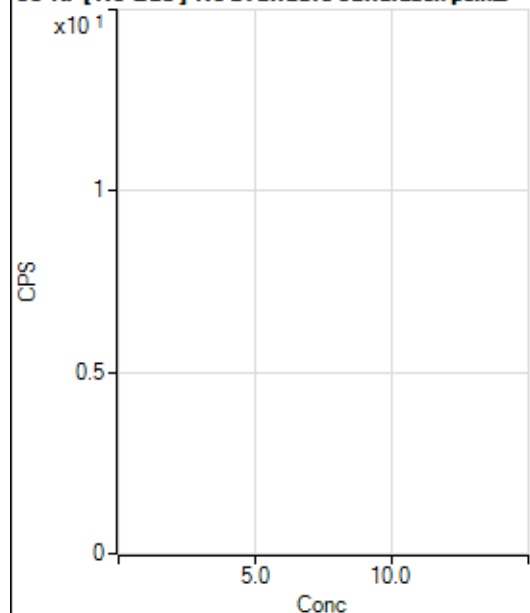
$$R = 0.9998$$

$$DL = 2.198$$

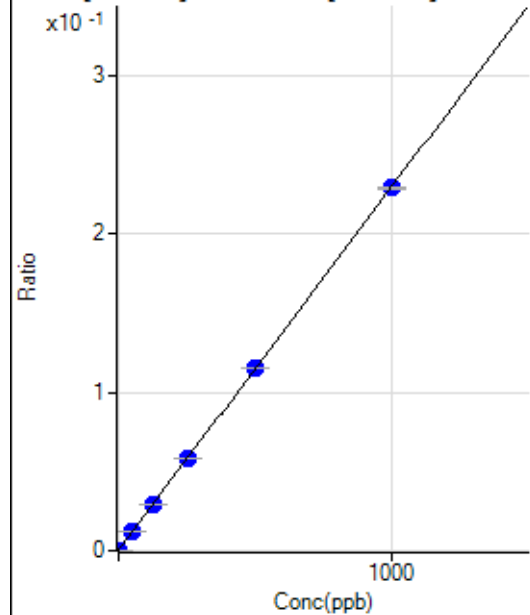
$$BEC = -0.6709$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4958.70		P	3.8
2	☐			4912.02		P	3.8
3	☐			4835.33		P	2.3
4	☐			4726.41		P	1.4
5	☐			4336.29		P	1.9
6	☐			4428.52		P	4.2
7	☐			4507.44		P	2.7
8	☐			4322.95		P	5.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7816.34	0.0004	P	5.0
2	☐	1.000	1.064	13170.47	0.0006	P	2.7
3	☐	50.000	51.145	263551.14	0.0121	P	1.0
4	☐	125.000	126.723	625604.28	0.0294	P	0.7
5	☐	250.000	253.060	1187664.58	0.0584	P	0.6
6	☐	500.000	502.369	2371856.69	0.1155	P	0.6
7	☐	1000.000	997.778	4680323.06	0.2290	P	0.3
8	☐			24285.36	0.0013	P	0.6

$$y = 2.2918\text{E-}004 * x + 3.5370\text{E-}004$$

$$R = 1.0000$$

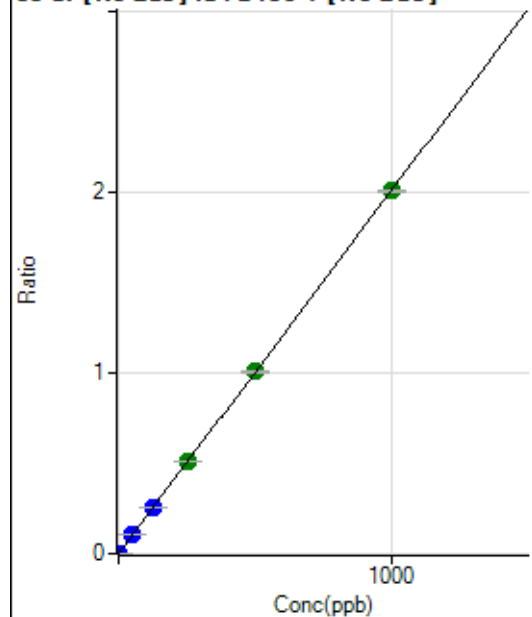
$$DL = 0.2336$$

$$BEC = 1.543$$

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	194.46	0.0000	P	35.9
2	☐	1.000	0.992	44205.68	0.0020	P	1.2
3	☐	50.000	50.979	2240023.53	0.1026	P	0.4
4	☐	125.000	126.789	5431970.91	0.2552	P	0.3
5	☐	250.000	252.500	10346016.37	0.5083	A	0.5
6	☐	500.000	500.627	20698146.64	1.0078	A	0.3
7	☐	1000.000	998.789	41088323.14	2.0106	A	0.3
8	☐			156196.73	0.0081	P	0.7

$$y = 0.0020 * x + 8.7971E-006$$

$$R = 1.0000$$

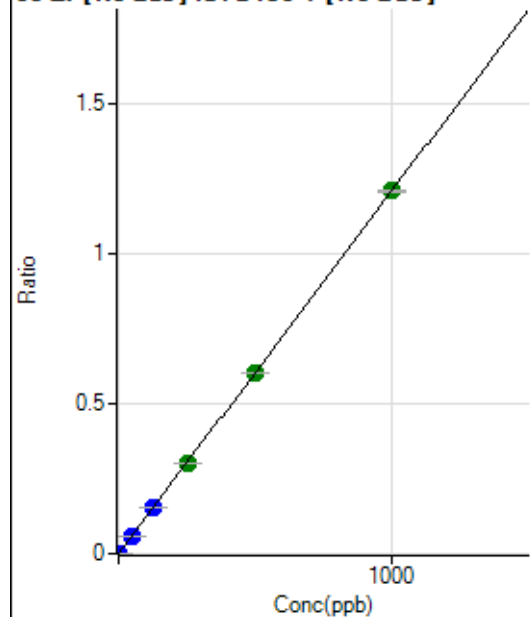
$$DL = 0.004708$$

$$BEC = 0.00437$$

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	1641.84	0.0001	P	8.0
2	☐	1.000	0.841	24029.33	0.0011	P	3.6
3	☐	50.000	49.917	1317894.86	0.0604	P	0.3
4	☐	125.000	125.211	3220980.78	0.1513	P	0.2
5	☐	250.000	248.964	6123758.43	0.3009	A	0.3
6	☐	500.000	497.868	12355196.37	0.6016	A	0.3
7	☐	1000.000	1001.303	24723370.87	1.2098	A	0.3
8	☐			6098.78	0.0003	P	5.9

$$y = 0.0012 * x + 7.4302E-005$$

$$R = 1.0000$$

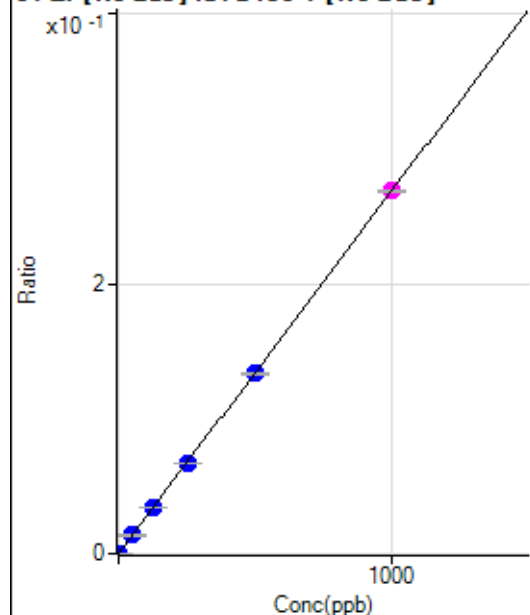
$$DL = 0.01474$$

$$BEC = 0.0615$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	322.24	0.0000	P	10.9
2	☐	1.000	0.867	5454.07	0.0002	P	1.3
3	☐	50.000	50.397	295881.74	0.0136	P	0.6
4	☐	125.000	125.182	716176.52	0.0337	P	0.5
5	☐	250.000	249.805	1366560.22	0.0671	P	0.7
6	☐	500.000	497.986	2748495.78	0.1338	P	0.9
7	☐	1000.000	1001.013	5497041.09	0.2690	M	0.4
8	☐			1341.80	0.0001	P	2.4

$$y = 2.6871\text{E-}004 * x + 1.4584\text{E-}005$$

$$R = 1.0000$$

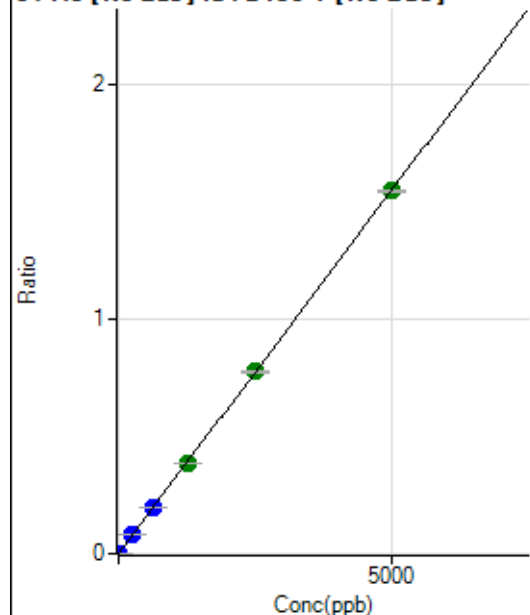
$$DL = 0.01768$$

$$BEC = 0.05427$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	611.15	0.0000	P	9.8
2	☐	5.000	4.723	32808.05	0.0015	P	1.1
3	☐	250.000	252.808	1707482.74	0.0782	P	0.4
4	☐	625.000	631.501	4157924.61	0.1954	P	0.7
5	☐	1250.000	1250.051	7871311.72	0.3867	A	0.7
6	☐	2500.000	2508.460	15937229.87	0.7760	A	0.9
7	☐	5000.000	4994.804	31575729.53	1.5451	A	0.4
8	☐			23272.50	0.0012	P	4.8

$$y = 3.0934\text{E-}004 * x + 2.7642\text{E-}005$$

$$R = 1.0000$$

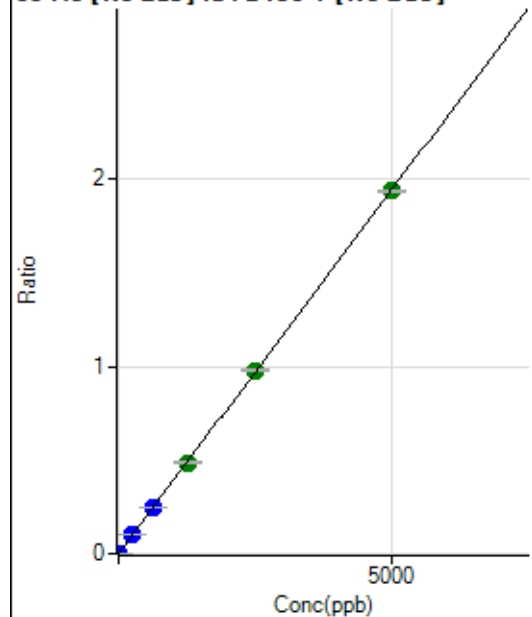
$$DL = 0.02639$$

$$BEC = 0.08936$$

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	91.67	0.0000	P	45.5
2	☐	5.000	4.864	41681.27	0.0019	P	2.3
3	☐	250.000	254.048	2150988.74	0.0986	P	0.3
4	☐	625.000	633.475	5229675.03	0.2457	P	0.4
5	☐	1250.000	1255.559	9913356.56	0.4871	A	1.1
6	☐	2500.000	2516.660	20049717.63	0.9762	A	0.9
7	☐	5000.000	4989.019	39548553.32	1.9353	A	0.7
8	☐			36765.14	0.0019	P	4.0

$$y = 3.8791\text{E-}004 * x + 4.1506\text{E-}006$$

$$R = 1.0000$$

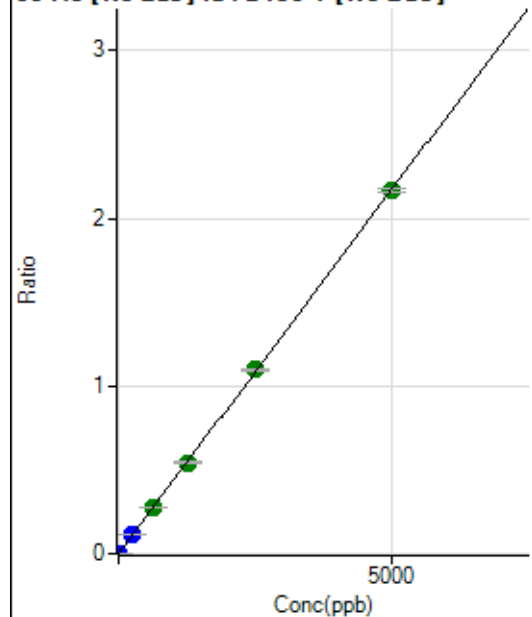
$$DL = 0.01462$$

$$BEC = 0.0107$$

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	205.57	0.0000	P	16.8
2	☐	5.000	4.807	46156.60	0.0021	P	2.1
3	☐	250.000	251.540	2381827.03	0.1091	P	0.1
4	☐	625.000	627.207	5790657.64	0.2721	A	0.4
5	☐	1250.000	1254.130	11073717.70	0.5441	A	1.0
6	☐	2500.000	2526.106	22506443.21	1.0959	A	0.6
7	☐	5000.000	4985.562	44197022.86	2.1628	A	1.0
8	☐			40770.46	0.0021	P	4.3

$$y = 4.3381\text{E-}004 * x + 9.3040\text{E-}006$$

$$R = 1.0000$$

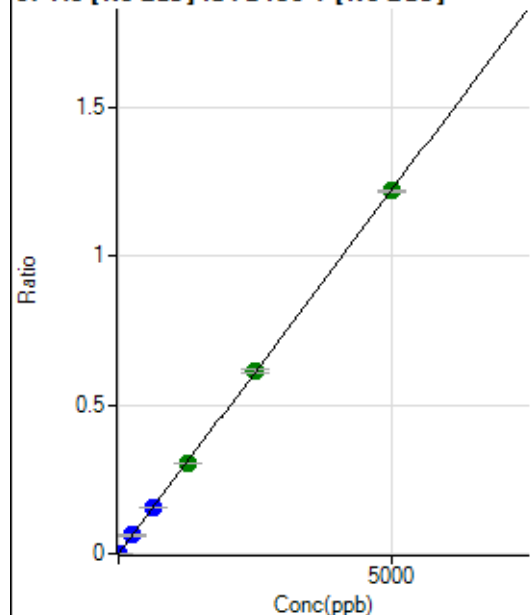
$$DL = 0.01078$$

$$BEC = 0.02145$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	30.1
2	☐	5.000	4.877	26344.83	0.0012	P	2.2
3	☐	250.000	252.079	1344943.70	0.0616	P	0.7
4	☐	625.000	627.934	3266672.66	0.1535	P	0.6
5	☐	1250.000	1248.871	6213658.78	0.3053	A	0.7
6	☐	2500.000	2515.871	12630386.31	0.6150	A	1.2
7	☐	5000.000	4991.876	24935737.02	1.2202	A	0.9
8	☐			23108.48	0.0012	P	2.6

$$y = 2.4444\text{E-}004 * x + 3.1407\text{E-}006$$

$$R = 1.0000$$

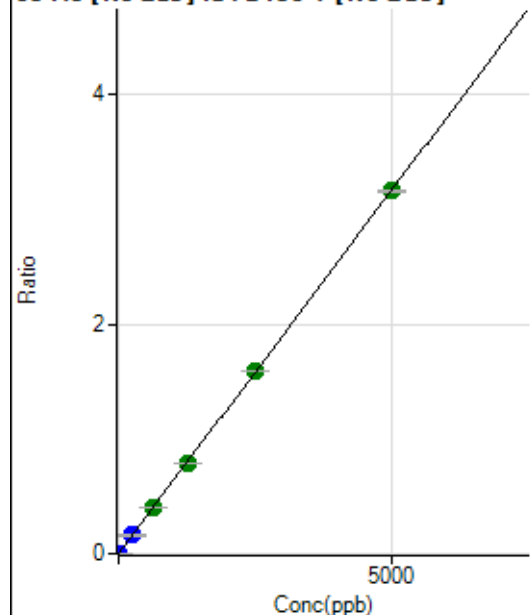
$$DL = 0.01159$$

$$BEC = 0.01285$$

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	113.90	0.0000	P	29.2
2	☐	5.000	4.837	67566.57	0.0031	P	1.2
3	☐	250.000	251.742	3476672.78	0.1593	P	0.7
4	☐	625.000	625.722	8425941.51	0.3959	A	0.5
5	☐	1250.000	1250.099	16099857.13	0.7910	A	0.6
6	☐	2500.000	2510.953	32630485.10	1.5888	A	0.5
7	☐	5000.000	4994.321	64578753.53	3.1601	A	0.4
8	☐			58200.39	0.0030	P	4.1

$$y = 6.3274\text{E-}004 * x + 5.1501\text{E-}006$$

$$R = 1.0000$$

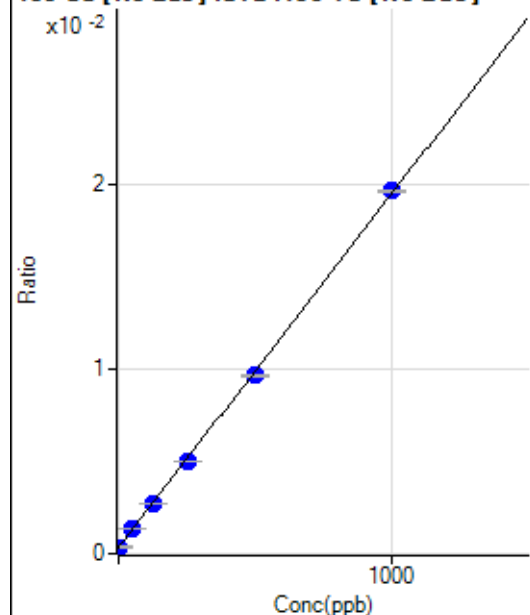
$$DL = 0.007131$$

$$BEC = 0.008139$$

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	9809.31	0.0003	P	1.3
2	☐	1.000	1.371	10579.42	0.0004	P	4.5
3	☐	50.000	52.794	39489.56	0.0013	P	2.1
4	☐	125.000	125.547	79704.99	0.0027	P	0.9
5	☐	250.000	241.853	141166.26	0.0050	P	0.2
6	☐	500.000	485.827	275459.29	0.0096	P	0.9
7	☐	1000.000	1008.915	557139.25	0.0197	P	0.6
8	☐			8869.81	0.0003	P	0.9

$$y = 1.9153\text{E-}005 * x + 3.3395\text{E-}004$$

$$R = 0.9998$$

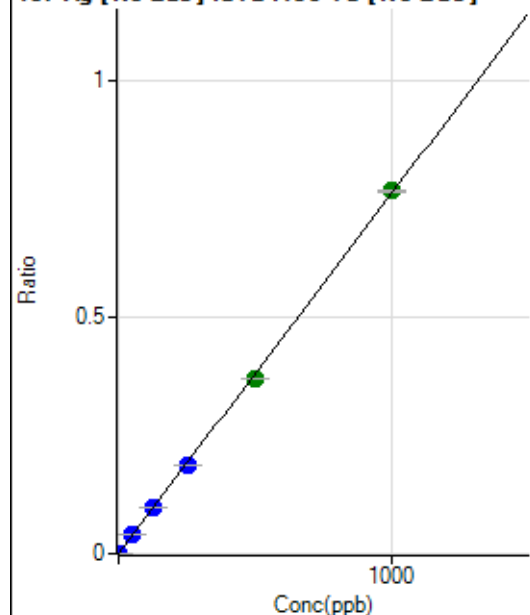
$$DL = 0.6835$$

$$BEC = 17.44$$

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	219.46	0.0000	P	15.1
2	☐	1.000	0.929	21019.17	0.0007	P	0.7
3	☐	50.000	52.065	1164976.99	0.0397	P	0.1
4	☐	125.000	127.713	2832461.91	0.0973	P	1.4
5	☐	250.000	246.451	5338255.37	0.1878	P	0.1
6	☐	500.000	486.291	10589368.38	0.3705	A	0.5
7	☐	1000.000	1007.299	21753912.29	0.7675	A	0.5
8	☐			1225.11	0.0000	P	7.4

$$y = 7.6197\text{E-}004 * x + 7.4772\text{E-}006$$

$$R = 0.9998$$

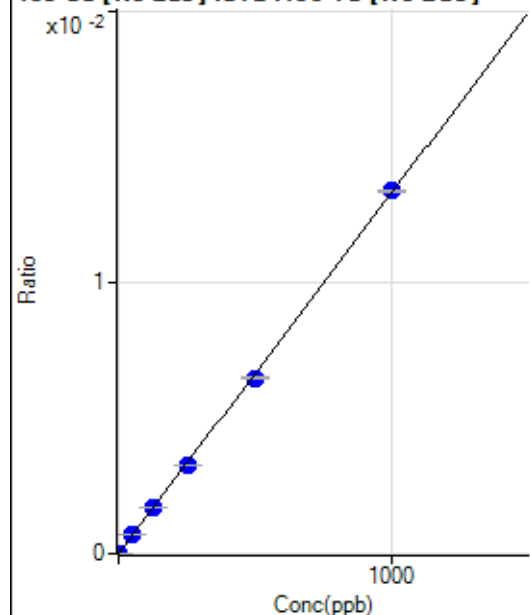
$$DL = 0.004458$$

$$BEC = 0.009813$$

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	11.4
2	☐	1.000	1.091	448.63	0.0000	P	6.4
3	☐	50.000	51.872	20295.40	0.0007	P	1.4
4	☐	125.000	126.144	48895.41	0.0017	P	0.8
5	☐	250.000	247.393	93634.90	0.0033	P	0.5
6	☐	500.000	487.842	185604.57	0.0065	P	0.5
7	☐	1000.000	1006.494	379765.40	0.0134	P	0.5
8	☐			105.56	0.0000	P	2.7

$$y = 1.3312\text{E-}005 * x + 7.5674\text{E-}007$$

$$R = 0.9999$$

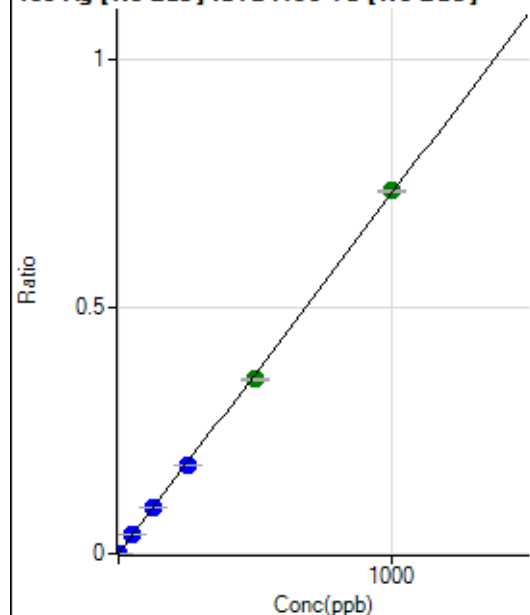
$$DL = 0.01943$$

$$BEC = 0.05685$$

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	125.01	0.0000	P	29.7
2	☐	1.000	0.943	20312.62	0.0007	P	1.8
3	☐	50.000	52.309	1118950.88	0.0381	P	0.6
4	☐	125.000	127.844	2710910.04	0.0931	P	0.9
5	☐	250.000	247.546	5126561.27	0.1803	P	0.3
6	☐	500.000	483.850	10073574.36	0.3525	A	0.9
7	☐	1000.000	1008.218	20818191.44	0.7345	A	0.2
8	☐			1019.52	0.0000	P	9.4

$$y = 7.2853\text{E-}004 * x + 4.2627\text{E-}006$$

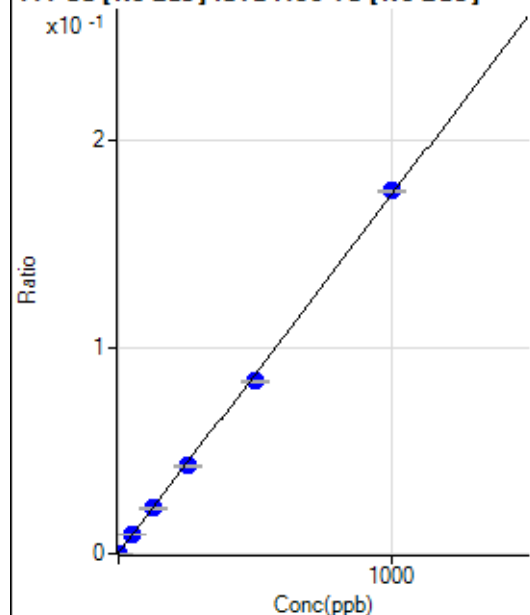
$$R = 0.9998$$

$$DL = 0.005217$$

$$BEC = 0.005851$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6896.80	0.0002	P	1.4
2	☐	1.000	1.019	12082.81	0.0004	P	2.4
3	☐	50.000	51.830	270644.26	0.0092	P	0.7
4	☐	125.000	124.841	636642.31	0.0219	P	0.3
5	☐	250.000	243.008	1203978.71	0.0424	P	0.5
6	☐	500.000	480.822	2388360.50	0.0836	P	0.8
7	☐	1000.000	1011.265	4974639.80	0.1755	P	0.3
8	☐			6687.78	0.0003	P	1.1

$$y = 1.7333\text{E-}004 * x + 2.3480\text{E-}004$$

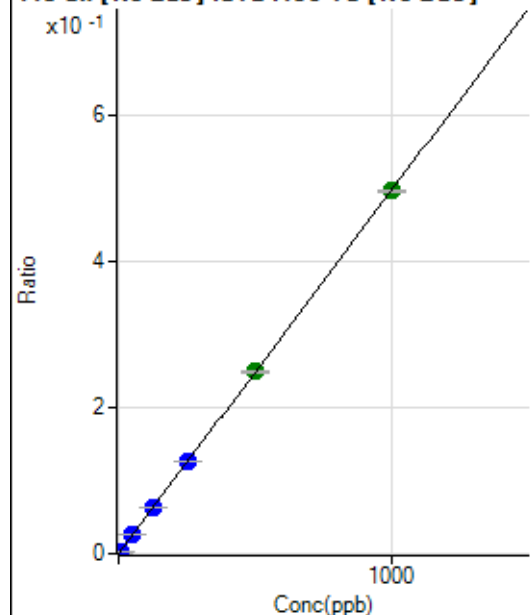
$$R = 0.9997$$

$$DL = 0.05803$$

$$BEC = 1.355$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2650.51	0.0001	P	5.1
2	☐	5.000	5.218	78698.32	0.0027	P	1.9
3	☐	50.000	51.908	758816.26	0.0258	P	0.7
4	☐	125.000	127.463	1843386.00	0.0633	P	0.6
5	☐	250.000	253.335	3575692.27	0.1258	P	0.3
6	☐	500.000	500.174	7094881.93	0.2483	A	0.4
7	☐	1000.000	998.675	14046822.19	0.4956	A	0.7
8	☐			6957.59	0.0003	P	8.2

$$y = 4.9618\text{E-}004 * x + 9.0210\text{E-}005$$

$$R = 1.0000$$

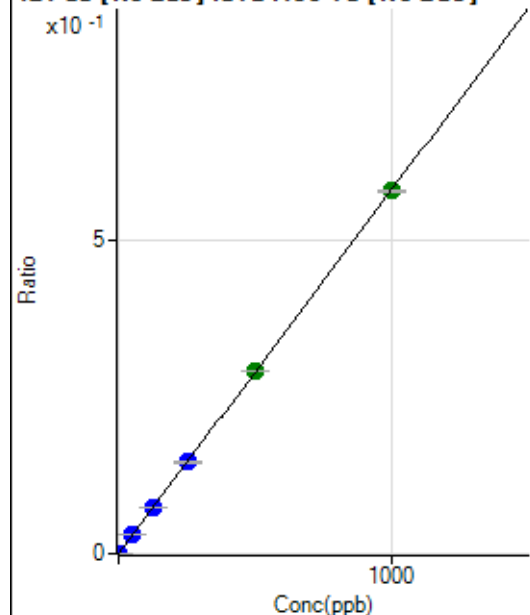
$$DL = 0.02804$$

$$BEC = 0.1818$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	388.91	0.0000	P	1.2
2	☐	2.000	1.951	33610.66	0.0011	P	1.5
3	☐	50.000	51.486	876838.85	0.0299	P	0.7
4	☐	125.000	127.121	2145727.04	0.0737	P	0.3
5	☐	250.000	251.400	4143986.99	0.1458	P	0.3
6	☐	500.000	503.275	8339663.73	0.2918	A	0.5
7	☐	1000.000	997.673	16396052.10	0.5785	A	0.2
8	☐			22285.28	0.0008	P	3.3

$$y = 5.7983\text{E-}004 * x + 1.3240\text{E-}005$$

$$R = 1.0000$$

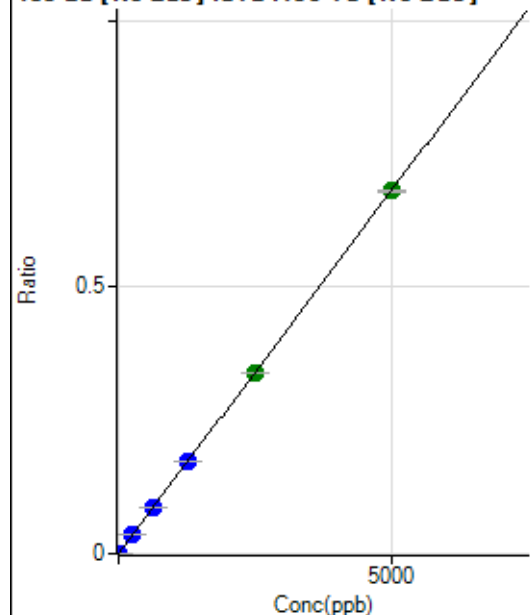
$$DL = 0.000824$$

$$BEC = 0.02283$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	24.2
2	☐	10.000	10.450	41830.61	0.0014	P	2.1
3	☐	250.000	259.394	1037055.20	0.0353	P	0.3
4	☐	625.000	639.201	2533382.81	0.0870	P	0.5
5	☐	1250.000	1263.870	4892165.99	0.1721	P	0.4
6	☐	2500.000	2497.636	9719413.93	0.3401	A	0.2
7	☐	5000.000	4995.469	19279766.40	0.6802	A	0.3
8	☐			1758.52	0.0001	P	6.2

$$y = 1.3617\text{E-}004 * x + 1.1333\text{E-}006$$

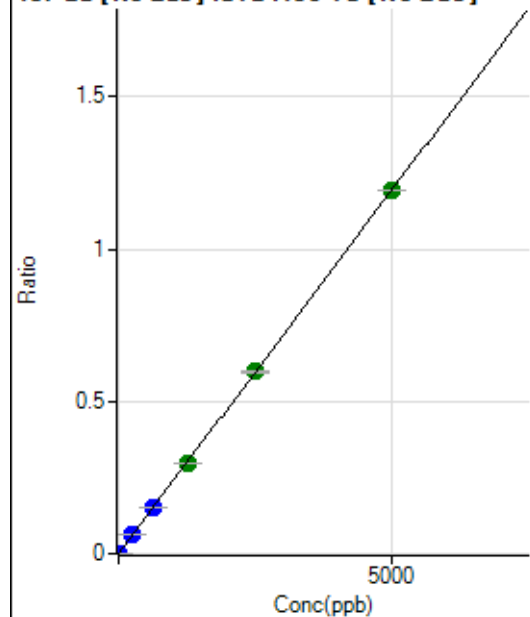
$$R = 1.0000$$

$$DL = 0.006046$$

$$BEC = 0.008323$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.22	0.0000	P	50.0
2	☐	10.000	10.452	73232.79	0.0025	P	2.0
3	☐	250.000	259.615	1816859.40	0.0619	P	0.3
4	☐	625.000	639.180	4434454.22	0.1524	P	0.5
5	☐	1250.000	1246.825	8448076.49	0.2972	A	0.6
6	☐	2500.000	2506.928	17076606.81	0.5976	A	0.6
7	☐	5000.000	4995.076	33745811.86	1.1906	A	0.0
8	☐			2900.43	0.0001	P	2.6

$$y = 2.3836E-004 * x + 1.6030E-006$$

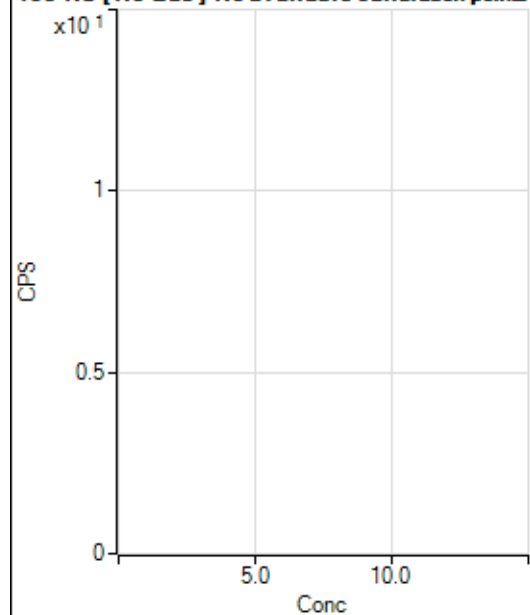
$$R = 1.0000$$

$$DL = 0.01009$$

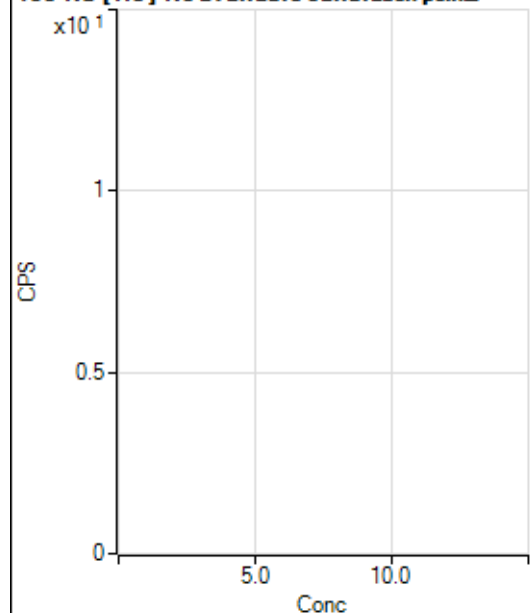
$$BEC = 0.006725$$

Weight: <None>

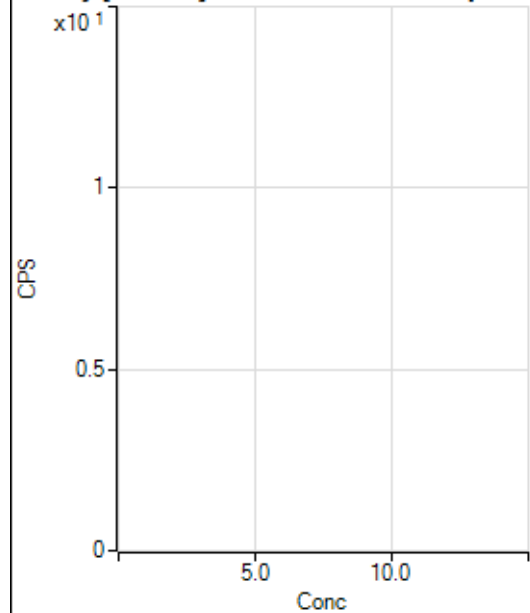
Min Conc: 0

150 Nd [No Gas] No available calibration points

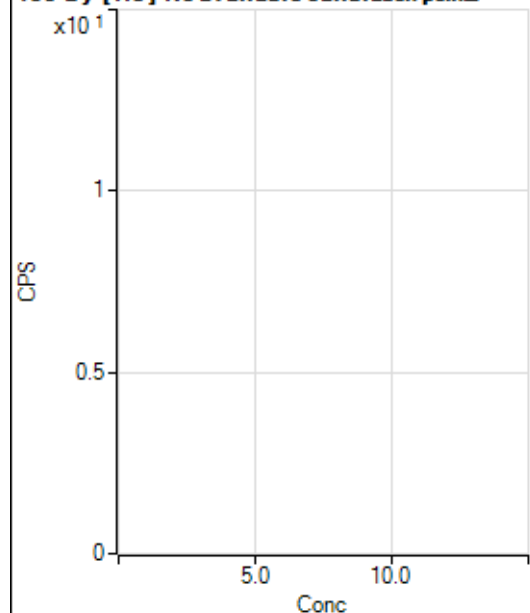
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐			4.45		P	86.6
3	☐			82.22		P	20.4
4	☐			226.68		P	13.5
5	☐			384.46		P	5.6
6	☐			840.06		P	8.4
7	☐			1566.81		P	3.7
8	☐			171.12		P	18.4

150 Nd [He] No available calibration points

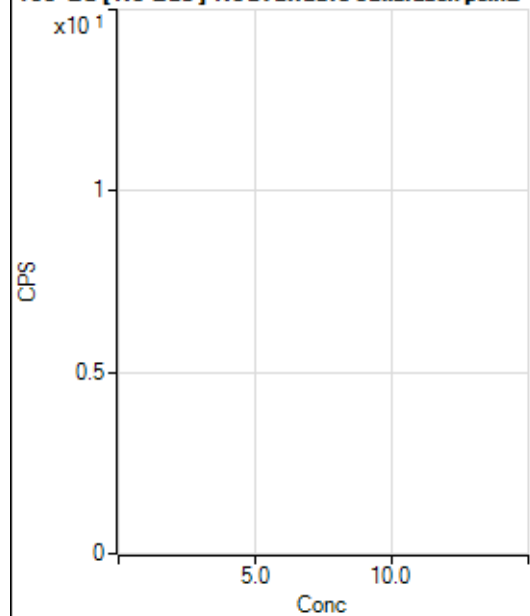
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	13.4
2	☐			11.11		P	75.5
3	☐			21.11		P	50.8
4	☐			25.55		P	15.1
5	☐			44.45		P	8.7
6	☐			78.89		P	16.0
7	☐			130.00		P	6.8
8	☐			77.78		P	21.6

156 Dy [No Gas] No available calibration points

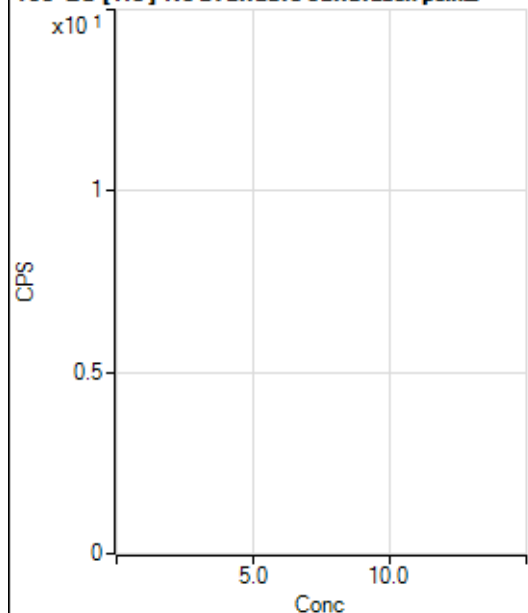
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	26.7
2	☐			47.22		P	27.0
3	☐			50.00		P	16.7
4	☐			61.11		P	31.5
5	☐			113.89		P	40.3
6	☐			211.12		P	8.2
7	☐			255.57		P	15.4
8	☐			69.45		P	34.6

156 Dy [He] No available calibration points

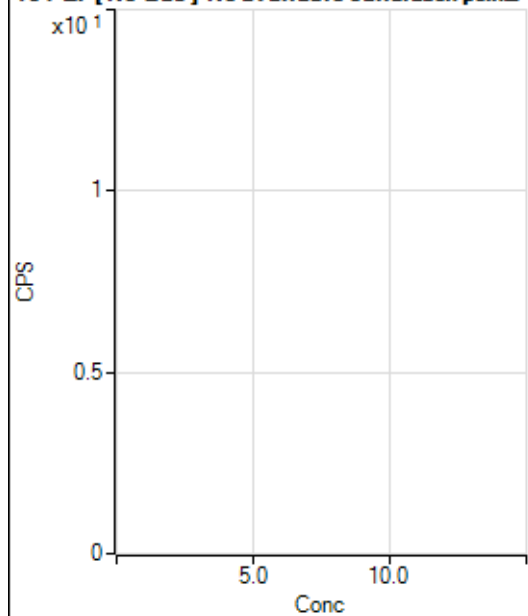
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.45		P	28.4
2	☐			16.67		P	34.6
3	☐			50.00		P	69.6
4	☐			70.00		P	19.0
5	☐			97.78		P	28.6
6	☐			191.12		P	22.1
7	☐			272.23		P	19.0
8	☐			36.66		P	56.8

160 Gd [No Gas] Noavailable calibration poin_

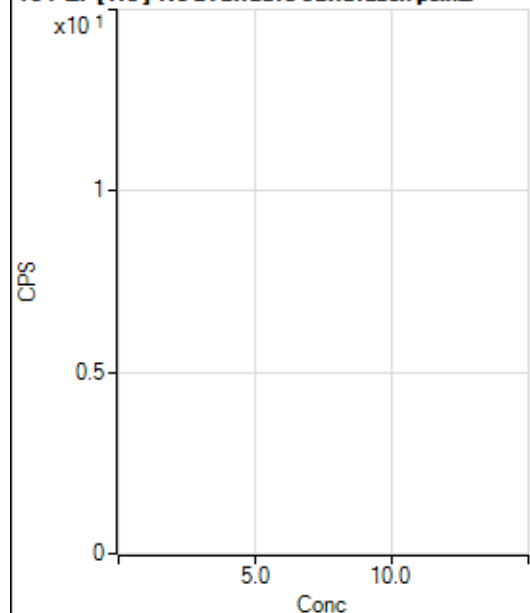
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			166.68		P	22.9
2	☐			177.79		P	31.9
3	☐			166.67		P	8.7
4	☐			191.68		P	22.6
5	☐			169.45		P	23.2
6	☐			188.90		P	18.4
7	☐			219.46		P	9.6
8	☐			197.23		P	24.8

160 Gd [He] No available calibration points

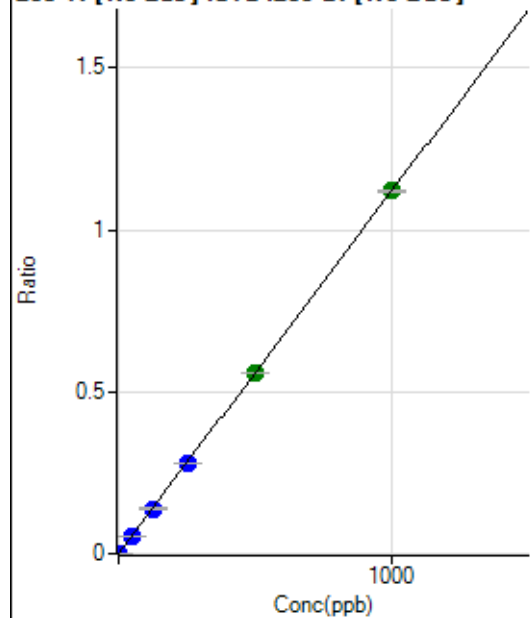
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			312.23		P	12.9
2	☐			301.12		P	3.4
3	☐			287.79		P	2.9
4	☐			328.90		P	11.1
5	☐			311.12		P	4.1
6	☐			294.45		P	13.6
7	☐			334.46		P	12.0
8	☐			282.23		P	9.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.01		P	8.3
2	☐			102.78		P	12.4
3	☐			105.56		P	27.7
4	☐			119.45		P	31.5
5	☐			102.78		P	26.1
6	☐			133.34		P	47.2
7	☐			138.90		P	34.1
8	☐			127.78		P	15.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			78.89		P	6.5
2	☐			86.67		P	11.5
3	☐			80.00		P	12.5
4	☐			63.33		P	22.9
5	☐			73.33		P	13.6
6	☐			70.00		P	37.2
7	☐			66.66		P	17.3
8	☐			83.33		P	18.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	888.97	0.0000	P	12.1
2	☐	1.000	0.948	21406.88	0.0011	P	1.8
3	☐	50.000	49.522	1064356.59	0.0555	P	0.8
4	☐	125.000	124.145	2637657.72	0.1390	P	1.2
5	☐	250.000	249.952	5141225.98	0.2798	P	0.2
6	☐	500.000	498.236	10147849.36	0.5578	A	0.3
7	☐	1000.000	1001.025	19858059.64	1.1206	A	0.8
8	☐			4623.24	0.0003	P	7.9

$$y = 0.0011 * x + 4.6088E-005$$

$$R = 1.0000$$

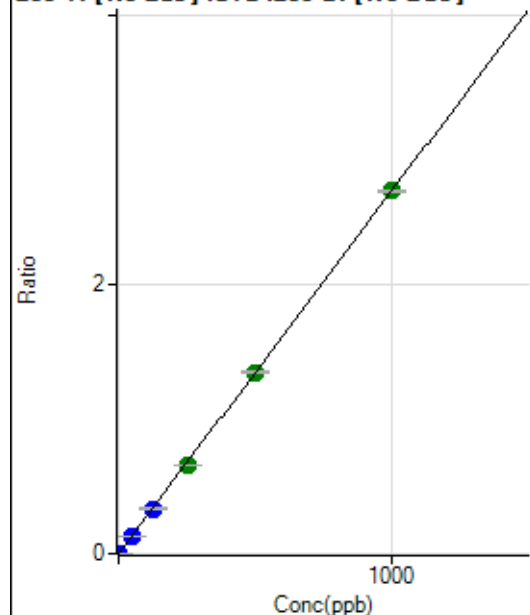
$$DL = 0.01494$$

$$BEC = 0.04117$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1505.71	0.0001	P	5.5
2	☐	1.000	0.948	50817.68	0.0026	P	1.2
3	☐	50.000	49.728	2567107.48	0.1338	P	0.3
4	☐	125.000	124.559	6357219.67	0.3350	P	1.2
5	☐	250.000	245.385	12125179.53	0.6600	A	0.7
6	☐	500.000	500.329	24481317.39	1.3456	A	0.7
7	☐	1000.000	1001.058	47709374.33	2.6922	A	0.8
8	☐			10493.44	0.0007	P	4.3

$$y = 0.0027 * x + 7.8082E-005$$

$$R = 1.0000$$

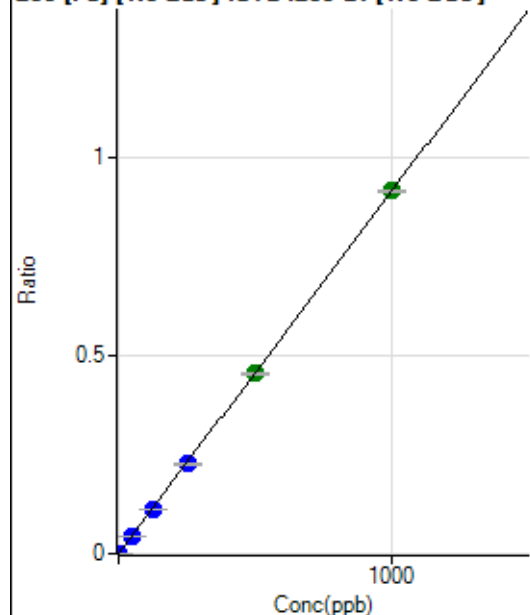
$$DL = 0.004747$$

$$BEC = 0.02903$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1640.89	0.0001	P	11.2
2	☐	1.000	0.952	18472.53	0.0010	P	0.3
3	☐	50.000	49.669	872735.96	0.0455	P	0.7
4	☐	125.000	123.654	2146497.28	0.1131	P	0.7
5	☐	250.000	247.930	4165441.76	0.2267	P	1.2
6	☐	500.000	498.241	8288410.20	0.4556	A	0.8
7	☐	1000.000	1001.582	16227573.86	0.9157	A	0.8
8	☐			11421.88	0.0007	P	3.4

$$y = 9.1417E-004 * x + 8.5134E-005$$

$$R = 1.0000$$

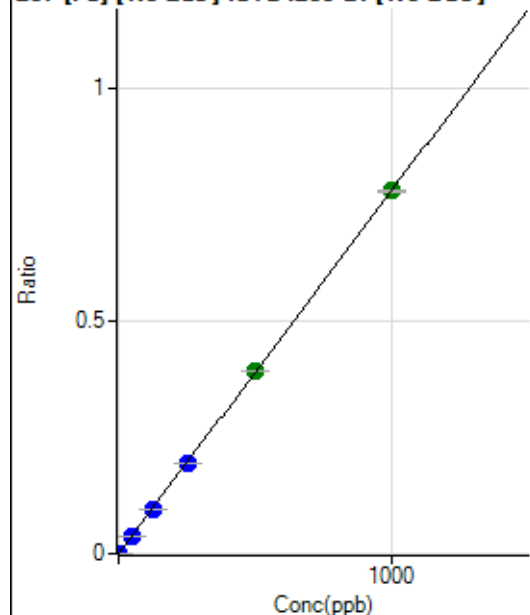
$$DL = 0.03122$$

$$BEC = 0.09313$$

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	1476.05	0.0001	P	6.1
2	☐	1.000	0.948	15746.80	0.0008	P	2.1
3	☐	50.000	49.721	743876.33	0.0388	P	0.4
4	☐	125.000	123.304	1822404.08	0.0960	P	0.8
5	☐	250.000	248.800	3558887.64	0.1937	P	0.9
6	☐	500.000	501.427	7101738.70	0.3903	A	0.2
7	☐	1000.000	999.813	13791439.43	0.7782	A	0.6
8	☐			9931.79	0.0007	P	1.2

$$y = 7.7829\text{E-}004 * x + 7.6567\text{E-}005$$

$$R = 1.0000$$

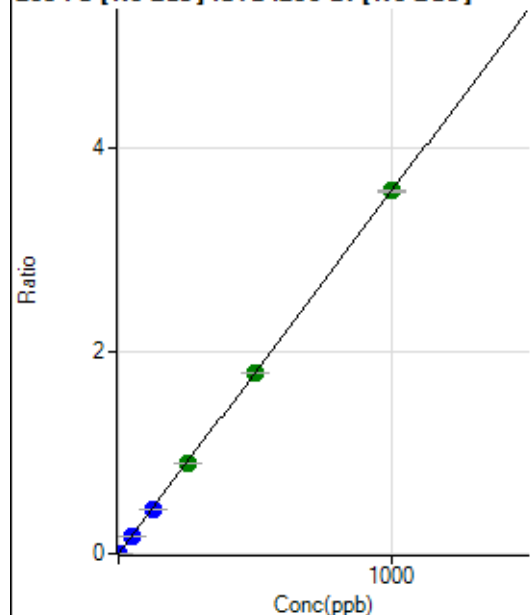
$$DL = 0.01791$$

$$BEC = 0.09838$$

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	5763.59	0.0003	P	6.8
2	☐	1.000	0.958	72083.31	0.0037	P	1.3
3	☐	50.000	49.750	3421471.24	0.1783	P	0.2
4	☐	125.000	124.024	8427659.59	0.4442	P	0.5
5	☐	250.000	248.012	16312232.83	0.8879	A	0.3
6	☐	500.000	500.376	32585968.61	1.7910	A	0.3
7	☐	1000.000	1000.444	63455567.04	3.5806	A	0.4
8	☐			44342.61	0.0029	P	1.2

$$y = 0.0036 * x + 2.9898\text{E-}004$$

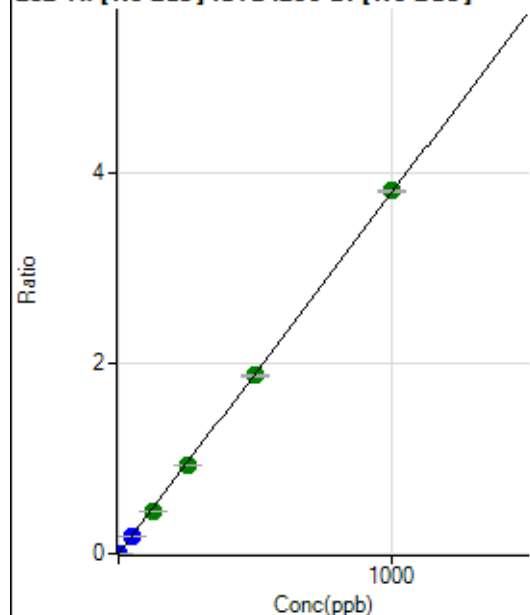
$$R = 1.0000$$

$$DL = 0.01698$$

$$BEC = 0.08354$$

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	3015.26	0.0002	P	1.7
2	☐	1.000	0.788	60850.99	0.0031	P	1.0
3	☐	50.000	47.577	3467487.96	0.1807	P	0.2
4	☐	125.000	119.463	8606624.56	0.4536	A	0.6
5	☐	250.000	243.787	17003060.34	0.9255	A	0.4
6	☐	500.000	494.044	34120493.35	1.8753	A	0.5
7	☐	1000.000	1005.344	67626742.25	3.8160	A	0.4
8	☐			11750.08	0.0008	P	1.9

$$y = 0.0038 * x + 1.5639E-004$$

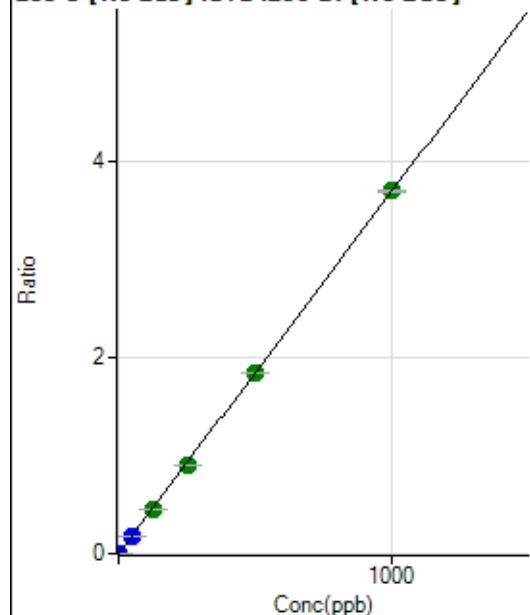
$$R = 0.9999$$

$$DL = 0.002071$$

$$BEC = 0.0412$$

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	3308.90	0.0002	P	11.8
2	☐	1.000	0.918	68640.10	0.0036	P	1.2
3	☐	50.000	48.224	3409848.99	0.1777	P	0.3
4	☐	125.000	120.930	8452104.18	0.4454	A	0.8
5	☐	250.000	243.907	16502767.04	0.8982	A	0.7
6	☐	500.000	498.871	33423354.91	1.8370	A	0.3
7	☐	1000.000	1002.685	65429834.10	3.6921	A	0.8
8	☐			5040.07	0.0003	P	2.9

$$y = 0.0037 * x + 1.7167E-004$$

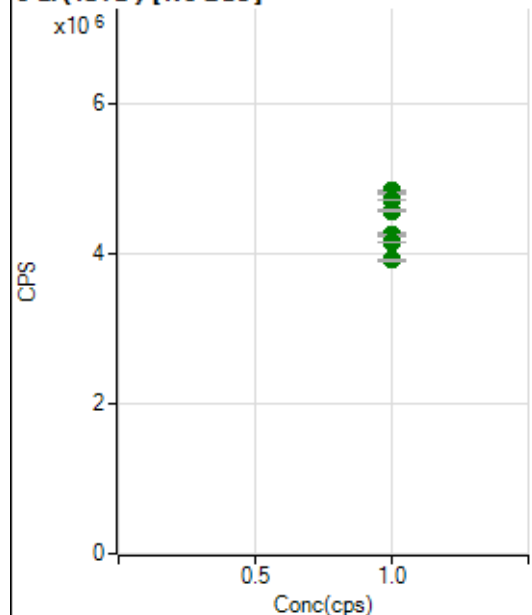
$$R = 1.0000$$

$$DL = 0.01657$$

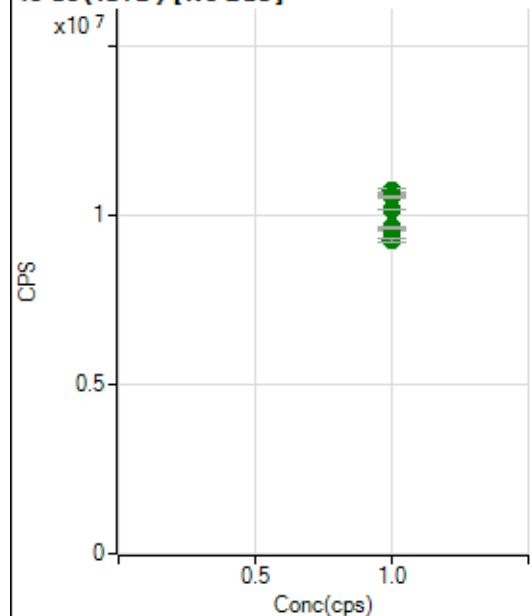
$$BEC = 0.04662$$

Weight: <None>

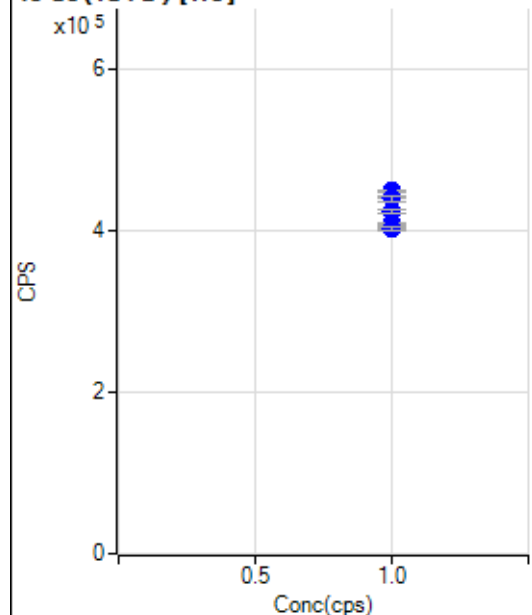
Min Conc: 0

6 Li (ISTD) [No Gas]

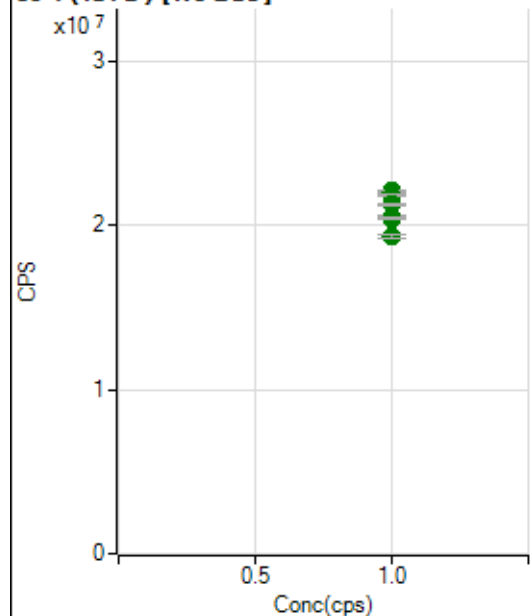
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4840018.28		A	0.5
2	☐	1.000		4809038.08		A	0.6
3	☐	1.000		4727638.24		A	0.2
4	☐	1.000		4567525.75		A	0.5
5	☐	1.000		4259337.48		A	0.9
6	☐	1.000		4244114.34		A	0.2
7	☐	1.000		4148325.66		A	0.1
8	☐	1.000		3921873.22		A	0.5

45 Sc (ISTD) [No Gas]

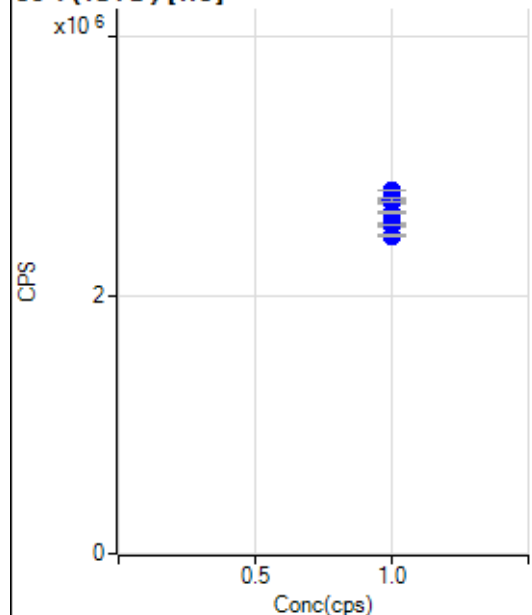
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10727950.93		A	1.2
2	☐	1.000		10562891.12		A	1.1
3	☐	1.000		10555971.94		A	0.7
4	☐	1.000		10175621.67		A	0.4
5	☐	1.000		9568028.51		A	0.1
6	☐	1.000		9679905.16		A	0.2
7	☐	1.000		9643292.58		A	0.5
8	☐	1.000		9283131.11		A	1.0

45 Sc (ISTD) [He]

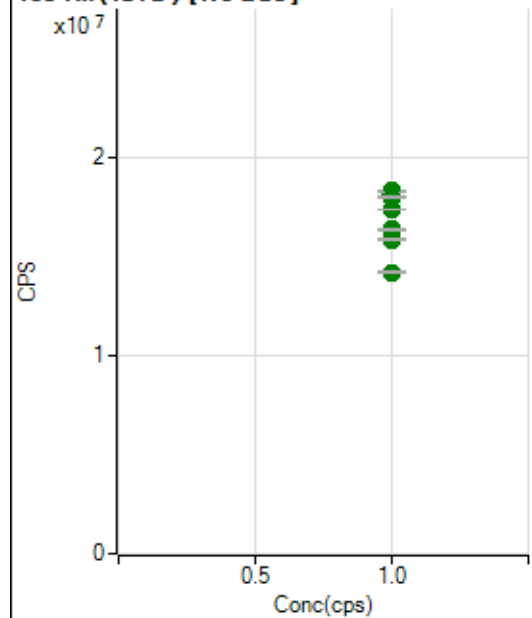
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		441331.81		P	0.9
2	☐	1.000		448905.08		P	0.8
3	☐	1.000		439217.93		P	1.4
4	☐	1.000		423145.72		P	0.9
5	☐	1.000		404128.17		P	0.4
6	☐	1.000		407099.42		P	0.6
7	☐	1.000		408857.42		P	0.3
8	☐	1.000		401938.49		P	0.7

89 Y (ISTD) [No Gas]

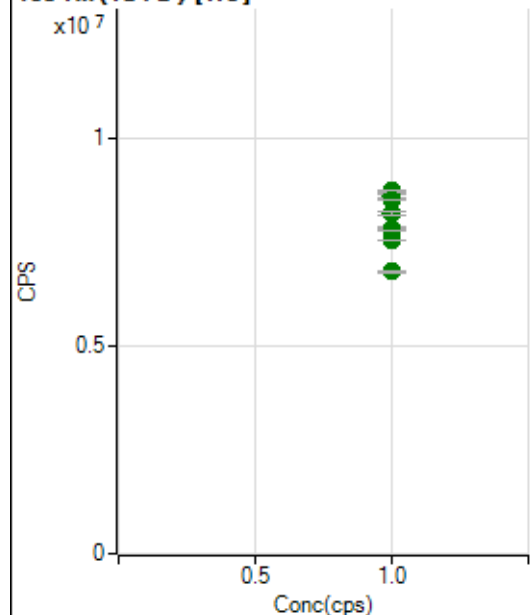
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22102600.78		A	0.5
2	☐	1.000		22039773.84		A	1.0
3	☐	1.000		21825738.57		A	0.2
4	☐	1.000		21281914.13		A	0.5
5	☐	1.000		20354108.87		A	0.2
6	☐	1.000		20538094.28		A	0.4
7	☐	1.000		20435708.30		A	0.4
8	☐	1.000		19323935.68		A	0.9

89 Y(ISTD) [He]

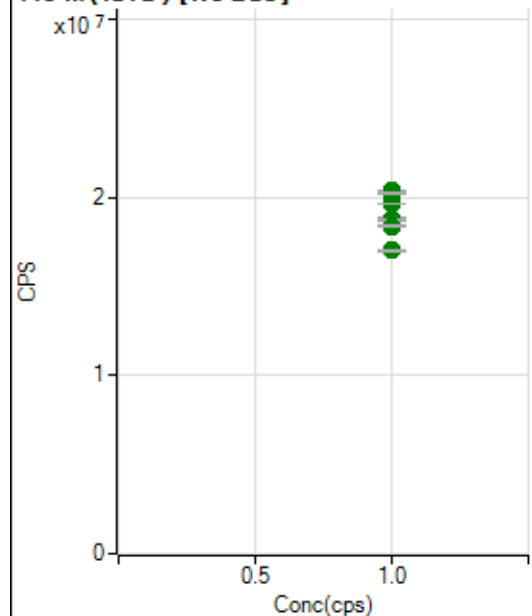
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2730786.94		P	1.1
2	☐	1.000		2808728.78		P	0.1
3	☐	1.000		2737762.91		P	0.7
4	☐	1.000		2640763.14		P	1.0
5	☐	1.000		2538445.08		P	0.1
6	☐	1.000		2561913.17		P	0.4
7	☐	1.000		2549996.96		P	0.2
8	☐	1.000		2463377.48		P	0.7

103 Rh(ISTD) [No Gas]

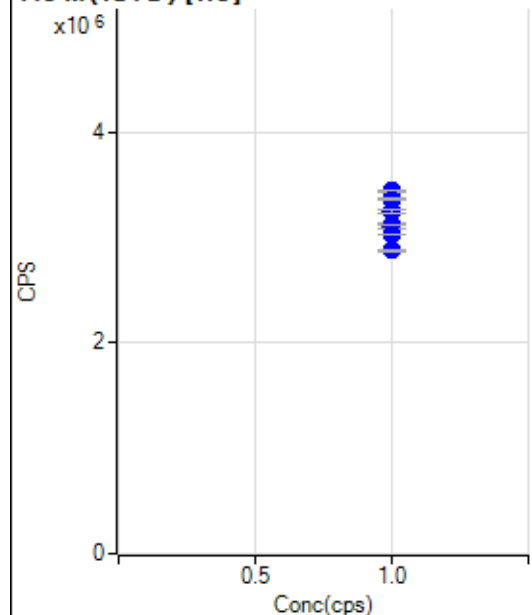
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18317924.37		A	0.6
2	☐	1.000		18135904.05		A	1.2
3	☐	1.000		17989583.04		A	0.5
4	☐	1.000		17391305.08		A	0.2
5	☐	1.000		16372374.67		A	0.4
6	☐	1.000		16353143.77		A	0.3
7	☐	1.000		15859201.92		A	0.7
8	☐	1.000		14183207.61		A	0.6

103 Rh (ISTD) [He]

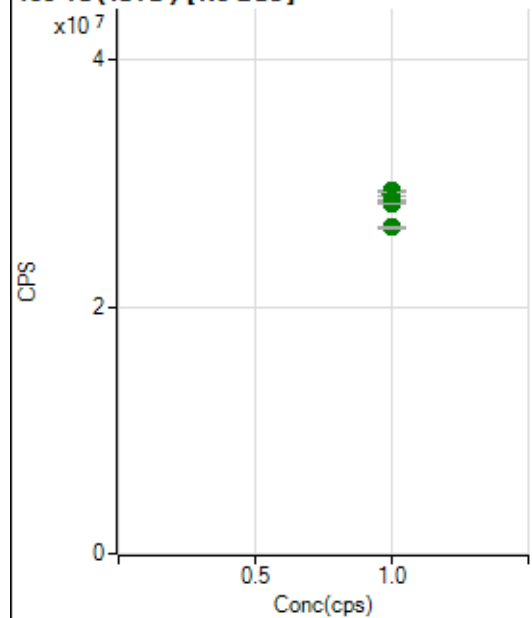
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8610825.63		A	1.1
2	☐	1.000		8724207.30		A	0.4
3	☐	1.000		8508155.98		A	0.4
4	☐	1.000		8178926.06		A	0.8
5	☐	1.000		7819579.19		A	0.6
6	☐	1.000		7768595.23		A	0.3
7	☐	1.000		7542010.44		A	0.3
8	☐	1.000		6792421.70		A	0.7

115 In (ISTD) [No Gas]

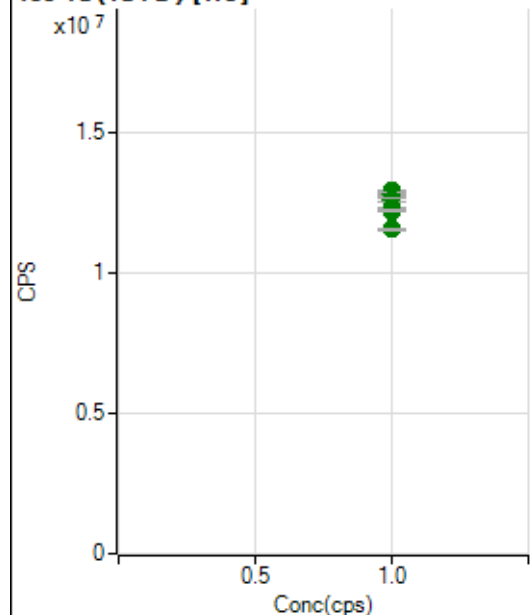
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20384971.53		A	0.3
2	☐	1.000		20305914.65		A	0.7
3	☐	1.000		20222523.83		A	0.5
4	☐	1.000		19652756.53		A	0.4
5	☐	1.000		18815624.24		A	0.9
6	☐	1.000		18785379.70		A	0.6
7	☐	1.000		18418438.46		A	0.3
8	☐	1.000		17039876.10		A	0.3

115 In (ISTD) [He]

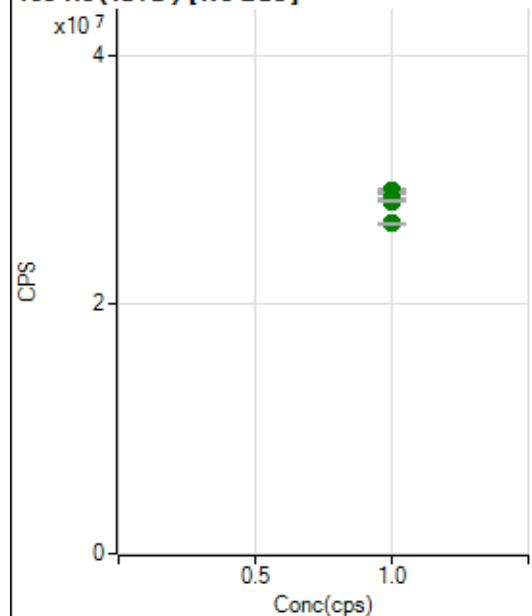
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3365336.62		P	0.7
2	☐	1.000		3443055.37		P	0.4
3	☐	1.000		3365579.62		P	1.0
4	☐	1.000		3251436.21		P	0.8
5	☐	1.000		3127695.88		P	0.4
6	☐	1.000		3101394.81		P	0.7
7	☐	1.000		3030959.00		P	0.3
8	☐	1.000		2880048.08		P	0.8

159 Tb (ISTD) [No Gas]

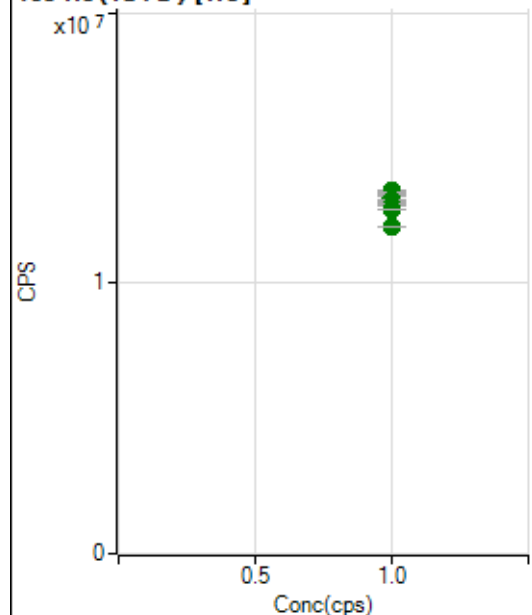
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		29375084.56		A	0.8
2	☐	1.000		29373994.56		A	0.8
3	☐	1.000		29359386.78		A	0.4
4	☐	1.000		29106014.85		A	0.6
5	☐	1.000		28425840.69		A	0.2
6	☐	1.000		28577600.96		A	0.2
7	☐	1.000		28342706.80		A	0.4
8	☐	1.000		26407635.16		A	0.6

159 Tb (ISTD) [He]

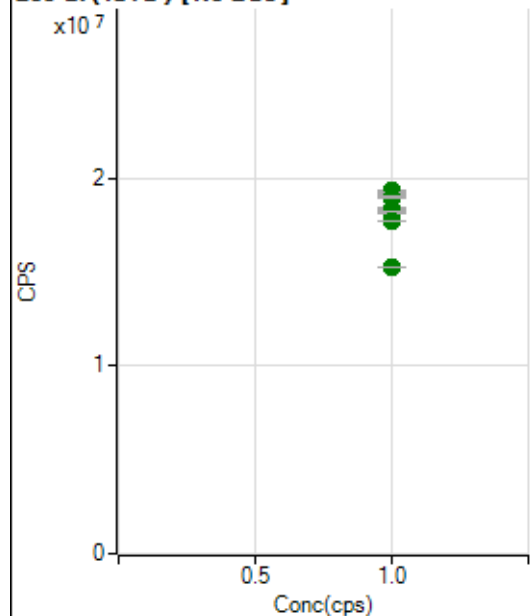
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12734644.12		A	0.8
2	☐	1.000		12923475.08		A	0.4
3	☐	1.000		12815093.98		A	0.7
4	☐	1.000		12601152.59		A	1.0
5	☐	1.000		12197075.51		A	0.4
6	☐	1.000		12313691.21		A	0.4
7	☐	1.000		12210202.04		A	0.5
8	☐	1.000		11557066.77		A	0.5

165 Ho (ISTD) [No Gas]

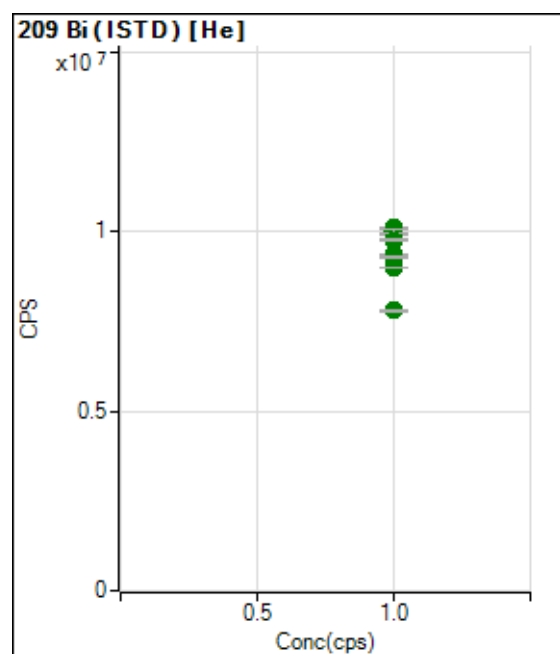
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		29099595.79		A	0.4
2	☐	1.000		29072576.69		A	1.2
3	☐	1.000		29103122.52		A	0.7
4	☐	1.000		28955419.05		A	0.8
5	☐	1.000		28313460.36		A	0.9
6	☐	1.000		28506724.94		A	0.6
7	☐	1.000		28242750.28		A	0.5
8	☐	1.000		26466355.11		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13137612.72		A	0.8
2	☐	1.000		13406468.41		A	0.3
3	☐	1.000		13315607.02		A	0.7
4	☐	1.000		13051430.78		A	0.7
5	☐	1.000		12727917.45		A	0.3
6	☐	1.000		12875306.61		A	0.5
7	☐	1.000		12738399.26		A	0.1
8	☐	1.000		12081838.85		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19281370.55		A	0.5
2	☐	1.000		19331556.93		A	0.3
3	☐	1.000		19185133.74		A	0.4
4	☐	1.000		18974982.91		A	0.6
5	☐	1.000		18372538.06		A	0.7
6	☐	1.000		18194192.37		A	0.4
7	☐	1.000		17721992.37		A	0.5
8	☐	1.000		15268663.25		A	0.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9973185.96		A	1.4
2	☐	1.000		10105778.11		A	0.7
3	☐	1.000		10017375.13		A	0.9
4	☐	1.000		9775075.76		A	1.0
5	☐	1.000		9347187.64		A	0.1
6	☐	1.000		9288285.70		A	0.5
7	☐	1.000		8998240.63		A	0.3
8	☐	1.000		7795196.14		A	0.2

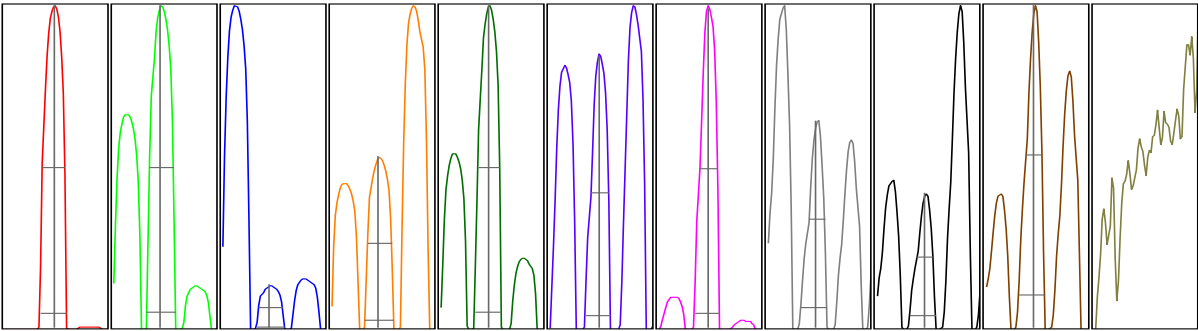
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7091319MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	15554	2.09	5.00	
24	201704	1.61	5.00	
25	27029	1.74	5.00	
26	32025	1.54	5.00	
59	164795	1.54	5.00	
113	25308	1.34	5.00	
115	292390	1.54	5.00	
206	77924	1.13	5.00	
207	72421	1.21	5.00	
208	168695	1.41	5.00	
220	133	5.21		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	15798	15682	15697	15609	14986
24	203635	203027	202406	203488	195961
25	27239	27285	27150	27278	26193
26	32342	32167	32160	32300	31156
59	166305	165866	165707	165834	160265
113	25495	25317	25463	25542	24722
115	292693	295031	294311	295354	284560
206	78433	77911	78217	78635	76424
207	72806	72555	72520	73273	70954
208	168735	168504	168846	172046	165342
220	127	125	136	138	140

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	25444	9.00	8.9 - 9.1		0.783	0.900	
24	312642	23.90	23.9 - 24.1		0.833	0.900	
25	41759	24.90	24.9 - 25.1		0.826	0.900	
26	48993	25.90	25.9 - 26.1		0.834	0.900	
59	274816	58.95	58.9 - 59.1		0.783	0.900	
113	47926	113.00	112.9 - 113.1		0.732	0.900	
115	558587	115.00	114.9 - 115.1		0.729	0.900	
206	157799	205.95	205.9 - 206.1		0.745	0.900	
207	143876	206.95	206.9 - 207.1		0.744	0.900	
208	344611	207.95	207.9 - 208.1		0.749	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.2	V	Deflect	12.4	V
Extract 2	-145.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	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	150	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	42579	0.47	
89	52189	0.51	
205	66404	0.48	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	42420	42315	42684	42714	42761
89	52105	51926	52198	52633	52081
205	66652	65893	66315	66683	66477

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.2	V	Deflect	1.4	V
Extract 2	-135.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-65	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	4.1	mL/min	OctP RF	190	V			

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 14:50:01 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	-0.12	0.00	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.12	0.09	0.03	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	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.05	-0.12	0.17	0.00	N/A	ppb
Boron	11-1	0.08	-0.08	0.00	0.00	N/A	ppb
Cadmium	111-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Cadmium	106-1	-0.08	-0.18	0.26	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.01	0.00	N/A	ppb
Calcium	43-1	0.37	-0.60	0.23	0.00	N/A	ppb
Calcium	44-1	1.33	-0.72	-0.61	0.00	N/A	ppb
Chromium	52-2	0.00	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	0.04	-0.02	0.00	N/A	ppb
Iron	57-2	0.00	0.01	-0.01	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:50:01	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-28.39	-32.09	-23.78	-28.09		ppb
Potassium	39-2	0.92	-0.14	-0.78	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.17	-0.43	0.60	0.00	N/A	ppb
Selenium	82-1	0.71	0.05	-0.76	0.00	N/A	ppb
Silicon	28-1	-0.23	-0.01	0.24	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	0.74	0.48	-1.22	0.00	N/A	ppb
Strontium	86-1	0.03	-0.09	0.06	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-132.61	-168.50	-6.84	-102.65		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.02	0.00	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	-0.01	0.01	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:50:01	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	-0.05	0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:53:37	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.59	21.64	18.51	20.25	7.85	ppb
Antimony	121-1	1.93	1.94	1.98	1.95	1.52	ppb
Arsenic	75-1	1.22	0.64	0.95	0.93	30.96	ppb
Barium	135-1	10.22	10.47	10.65	10.45	2.07	ppb
Barium	137-1	10.51	10.22	10.62	10.45	1.96	ppb
Beryllium	9-1	1.07	0.94	1.01	1.01	6.65	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	24.88	25.17	25.37	25.14	0.99	ppb
Boron	11-1	23.53	23.87	24.31	23.91	1.64	ppb
Cadmium	111-1	0.96	1.02	1.07	1.02	5.68	ppb
Cadmium	106-1	0.59	1.24	2.28	1.37	62.13	ppb
Cadmium	108-1	1.11	1.16	1.01	1.09	6.72	ppb
Calcium	43-1	517.75	500.62	527.85	515.41	2.67	ppb
Calcium	44-1	508.42	509.17	501.05	506.21	0.89	ppb
Chromium	52-2	2.00	2.09	1.96	2.02	3.23	ppb
Cobalt	59-2	1.05	1.05	1.08	1.06	1.91	ppb
Copper	63-2	1.99	2.02	1.92	1.98	2.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	56.72	57.15	55.57	56.48	1.44	ppb
Iron	57-2	62.09	59.03	57.82	59.65	3.70	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.95	0.95	0.95	0.35	ppb
Lead	207-1	0.97	0.93	0.95	0.95	2.31	ppb
Lead	208-1	0.97	0.94	0.96	0.96	1.46	ppb
Lithium	6-1				99		%
Magnesium	24-2	565.01	558.56	552.42	558.66	1.13	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:53:37	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	1.09	1.04	1.07	2.34	ppb
Molybdenum	94-1	4.78	4.72	4.67	4.72	1.16	ppb
Molybdenum	95-1	4.99	4.79	4.82	4.86	2.27	ppb
Molybdenum	96-1	4.72	4.92	4.78	4.81	2.14	ppb
Molybdenum	97-1	5.00	4.80	4.83	4.88	2.24	ppb
Molybdenum	98-1	4.90	4.78	4.84	4.84	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.14	1.14	1.14	0.79	ppb
Phosphorus	31-2	14.90	40.72	28.65	28.09	46.00	ppb
Potassium	39-2	521.86	519.11	508.44	516.47	1.37	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	77-2	4.85	4.84	5.60	5.10	8.60	ppb
Selenium	78-2	4.89	5.57	5.48	5.31	6.89	ppb
Selenium	82-1	5.75	7.09	5.82	6.22	12.10	ppb
Silicon	28-1	8.74	8.84	8.51	8.70	1.94	ppb
Silver	109-1	0.94	0.93	0.96	0.94	1.81	ppb
Silver	107-1	0.93	0.94	0.92	0.93	0.67	ppb
Sodium	23-2	522.66	524.67	520.29	522.54	0.42	ppb
Strontium	86-1	1.02	1.02	1.15	1.06	6.70	ppb
Strontium	88-1	1.00	1.00	0.98	0.99	1.18	ppb
Sulfur	34-1	26.55	232.22	49.18	102.65	109.87	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.97	0.94	0.94	0.95	1.93	ppb
Thallium	205-1	0.94	0.95	0.96	0.95	1.25	ppb
Thorium	232-1	0.79	0.79	0.78	0.79	1.10	ppb
Tin	118-1	5.18	5.14	5.33	5.22	1.96	ppb
Titanium	47-1	5.28	5.19	5.37	5.28	1.66	ppb
Uranium	238-1	0.91	0.92	0.93	0.92	1.24	ppb
Vanadium	51-2	5.19	5.10	5.18	5.16	1.02	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:53:37	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.28	2.14	2.24	2.22	3.24	ppb
Zirconium	90-1	0.87	0.84	0.81	0.84	3.82	ppb
Zirconium	91-1	0.87	0.87	0.85	0.87	1.43	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:58:28	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1042.42	1034.69	1017.58	1031.57	1.23	ppb
Antimony	121-1	51.52	51.12	51.81	51.49	0.67	ppb
Arsenic	75-1	52.36	52.36	53.64	52.79	1.40	ppb
Barium	135-1	259.72	258.61	259.84	259.39	0.26	ppb
Barium	137-1	260.02	258.68	260.14	259.62	0.31	ppb
Beryllium	9-1	51.74	51.98	51.90	51.87	0.23	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	49.17	49.50	49.65	49.44	0.50	ppb
Boron	11-1	48.49	50.15	49.68	49.44	1.72	ppb
Cadmium	111-1	51.66	51.58	52.25	51.83	0.70	ppb
Cadmium	106-1	51.52	52.45	54.42	52.79	2.80	ppb
Cadmium	108-1	51.35	52.67	51.60	51.87	1.36	ppb
Calcium	43-1	5225.84	5232.05	5386.33	5281.41	1.72	ppb
Calcium	44-1	5218.07	5211.57	5274.84	5234.83	0.66	ppb
Chromium	52-2	51.52	51.40	51.21	51.38	0.30	ppb
Cobalt	59-2	52.99	53.02	52.02	52.68	1.08	ppb
Copper	63-2	98.90	98.68	97.15	98.24	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	2740.10	2724.09	2701.19	2721.79	0.72	ppb
Iron	57-2	2722.21	2734.84	2722.25	2726.44	0.27	ppb
Krypton	83-1						cps
Lead	206-1	50.04	49.66	49.31	49.67	0.73	ppb
Lead	207-1	49.91	49.54	49.71	49.72	0.37	ppb
Lead	208-1	49.85	49.77	49.64	49.75	0.21	ppb
Lithium	6-1				98		%
Magnesium	24-2	5429.55	5446.09	5365.00	5413.55	0.79	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:58:28	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.82	103.06	102.35	102.74	0.35	ppb
Molybdenum	94-1	254.01	252.18	252.24	252.81	0.41	ppb
Molybdenum	95-1	254.84	253.65	253.66	254.05	0.27	ppb
Molybdenum	96-1	251.36	251.65	251.61	251.54	0.06	ppb
Molybdenum	97-1	252.12	250.33	253.78	252.08	0.68	ppb
Molybdenum	98-1	251.00	250.57	253.66	251.74	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.01	54.57	53.09	53.89	1.39	ppb
Phosphorus	31-2	980.56	1000.24	966.35	982.39	1.73	ppb
Potassium	39-2	2554.58	2596.06	2578.76	2576.47	0.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	44.79	56.46	52.21	51.15	11.55	ppb
Selenium	78-2	51.07	54.92	52.75	52.91	3.65	ppb
Selenium	82-1	53.96	54.97	53.38	54.10	1.49	ppb
Silicon	28-1	52.30	53.21	54.11	53.21	1.70	ppb
Silver	109-1	52.18	52.09	52.66	52.31	0.58	ppb
Silver	107-1	52.10	52.06	52.04	52.07	0.06	ppb
Sodium	23-2	5317.16	5337.36	5281.56	5312.03	0.53	ppb
Strontium	86-1	51.71	50.66	51.06	51.14	1.04	ppb
Strontium	88-1	50.90	50.82	51.23	50.98	0.43	ppb
Sulfur	34-1	976.30	1006.25	872.18	951.58	7.40	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	49.96	49.35	49.25	49.52	0.78	ppb
Thallium	205-1	49.86	49.58	49.74	49.73	0.28	ppb
Thorium	232-1	47.48	47.69	47.56	47.58	0.23	ppb
Tin	118-1	52.22	51.52	51.98	51.91	0.69	ppb
Titanium	47-1	249.50	250.18	249.37	249.68	0.17	ppb
Uranium	238-1	48.32	48.30	48.06	48.22	0.30	ppb
Vanadium	51-2	50.56	50.00	50.56	50.37	0.64	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:58:28	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	104.95	104.02	101.28	103.42	1.84	ppb
Zirconium	90-1	50.04	49.98	49.74	49.92	0.32	ppb
Zirconium	91-1	50.09	50.72	50.38	50.40	0.62	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:02:41	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2516.59	2509.83	2552.00	2526.14	0.90	ppb
Antimony	121-1	126.95	126.80	127.61	127.12	0.34	ppb
Arsenic	75-1	130.35	129.24	129.05	129.55	0.54	ppb
Barium	135-1	636.85	638.23	642.52	639.20	0.46	ppb
Barium	137-1	635.91	641.52	640.11	639.18	0.46	ppb
Beryllium	9-1	127.34	126.49	127.70	127.17	0.49	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	122.90	119.46	124.35	122.24	2.06	ppb
Boron	11-1	121.88	121.16	125.36	122.80	1.83	ppb
Cadmium	111-1	124.62	124.68	125.23	124.84	0.27	ppb
Cadmium	106-1	124.42	125.27	126.95	125.55	1.02	ppb
Cadmium	108-1	125.43	125.68	127.31	126.14	0.81	ppb
Calcium	43-1	13025.89	13083.64	13054.24	13054.59	0.22	ppb
Calcium	44-1	12892.13	12968.70	12891.92	12917.59	0.34	ppb
Chromium	52-2	125.20	124.70	126.09	125.33	0.56	ppb
Cobalt	59-2	127.90	128.05	129.00	128.32	0.46	ppb
Copper	63-2	239.65	236.25	241.22	239.04	1.06	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				99		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	6689.66	6586.91	6702.33	6659.63	0.95	ppb
Iron	57-2	6642.83	6646.32	6735.00	6674.72	0.78	ppb
Krypton	83-1						cps
Lead	206-1	124.26	122.61	124.09	123.65	0.73	ppb
Lead	207-1	122.24	123.39	124.29	123.30	0.84	ppb
Lead	208-1	123.61	123.68	124.78	124.02	0.53	ppb
Lithium	6-1				94		%
Magnesium	24-2	13364.09	13288.19	13380.73	13344.33	0.37	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:02:41	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	251.94	249.22	251.33	250.83	0.57	ppb
Molybdenum	94-1	626.68	633.35	634.48	631.50	0.67	ppb
Molybdenum	95-1	630.51	635.25	634.66	633.48	0.41	ppb
Molybdenum	96-1	624.01	628.70	628.92	627.21	0.44	ppb
Molybdenum	97-1	625.32	626.33	632.15	627.93	0.59	ppb
Molybdenum	98-1	622.86	625.62	628.68	625.72	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.46	128.66	131.47	130.20	1.09	ppb
Phosphorus	31-2	2564.09	2486.25	2391.10	2480.48	3.49	ppb
Potassium	39-2	6336.99	6284.24	6325.91	6315.72	0.44	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	125.89	111.07	127.63	121.53	7.49	ppb
Selenium	78-2	136.17	132.25	128.84	132.42	2.77	ppb
Selenium	82-1	132.26	133.83	133.71	133.26	0.66	ppb
Silicon	28-1	131.34	134.27	134.71	133.44	1.38	ppb
Silver	109-1	126.63	128.13	128.77	127.84	0.86	ppb
Silver	107-1	126.06	127.52	129.56	127.71	1.37	ppb
Sodium	23-2	13067.53	12947.55	13083.90	13032.99	0.57	ppb
Strontium	86-1	126.16	127.76	126.26	126.72	0.71	ppb
Strontium	88-1	126.31	126.93	127.13	126.79	0.34	ppb
Sulfur	34-1	1890.84	1850.09	1950.31	1897.08	2.66	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	122.81	123.83	125.79	124.14	1.22	ppb
Thallium	205-1	125.67	122.87	125.14	124.56	1.19	ppb
Thorium	232-1	119.91	118.66	119.83	119.46	0.59	ppb
Tin	118-1	127.10	126.95	128.34	127.46	0.60	ppb
Titanium	47-1	620.32	624.54	616.88	620.58	0.62	ppb
Uranium	238-1	122.04	120.17	120.59	120.93	0.81	ppb
Vanadium	51-2	124.27	123.19	123.60	123.69	0.44	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:02:41	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	255.60	250.61	255.22	253.81	1.10	ppb
Zirconium	90-1	124.99	125.45	125.19	125.21	0.18	ppb
Zirconium	91-1	125.09	125.85	124.60	125.18	0.50	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:06:30	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5120.73	5040.43	5087.95	5083.04	0.79	ppb
Antimony	121-1	250.49	252.14	251.57	251.40	0.33	ppb
Arsenic	75-1	255.48	256.73	255.60	255.94	0.27	ppb
Barium	135-1	1267.18	1258.41	1266.02	1263.87	0.38	ppb
Barium	137-1	1255.31	1243.04	1242.12	1246.82	0.59	ppb
Beryllium	9-1	252.49	255.46	253.52	253.82	0.60	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	244.60	249.04	248.22	247.29	0.96	ppb
Boron	11-1	247.72	250.93	252.84	250.50	1.03	ppb
Cadmium	111-1	242.27	242.44	244.30	243.01	0.46	ppb
Cadmium	106-1	241.67	242.31	241.58	241.85	0.16	ppb
Cadmium	108-1	248.07	248.09	246.01	247.39	0.48	ppb
Calcium	43-1	26347.67	26137.74	25998.06	26161.15	0.67	ppb
Calcium	44-1	26000.70	25804.55	25807.38	25870.88	0.43	ppb
Chromium	52-2	254.73	252.89	254.10	253.91	0.37	ppb
Cobalt	59-2	258.93	257.82	260.34	259.03	0.49	ppb
Copper	63-2	476.89	474.49	480.42	477.27	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	56-2	13558.16	13397.02	13494.38	13483.19	0.60	ppb
Iron	57-2	13534.59	13417.92	13548.78	13500.43	0.53	ppb
Krypton	83-1						cps
Lead	206-1	245.29	251.15	247.34	247.93	1.20	ppb
Lead	207-1	246.23	250.10	250.07	248.80	0.89	ppb
Lead	208-1	247.38	248.81	247.84	248.01	0.30	ppb
Lithium	6-1				88		%
Magnesium	24-2	26963.32	26877.93	26775.41	26872.22	0.35	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:06:30	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	510.19	502.09	509.39	507.23	0.88	ppb
Molybdenum	94-1	1259.58	1244.43	1246.14	1250.05	0.66	ppb
Molybdenum	95-1	1270.21	1243.88	1252.59	1255.56	1.07	ppb
Molybdenum	96-1	1268.53	1248.35	1245.51	1254.13	1.00	ppb
Molybdenum	97-1	1257.40	1248.46	1240.76	1248.87	0.67	ppb
Molybdenum	98-1	1258.52	1248.90	1242.88	1250.10	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.27	257.82	261.08	260.06	0.74	ppb
Phosphorus	31-2	5185.35	5144.22	5025.30	5118.29	1.62	ppb
Potassium	39-2	12828.02	12854.84	12898.76	12860.54	0.28	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				89		%
Scandium	45-2				92		%
Selenium	77-2	244.20	257.34	261.81	254.45	3.60	ppb
Selenium	78-2	260.30	250.43	256.38	255.70	1.94	ppb
Selenium	82-1	264.68	256.83	259.31	260.27	1.54	ppb
Silicon	28-1	259.90	264.91	264.21	263.01	1.03	ppb
Silver	109-1	247.23	247.08	248.33	247.55	0.27	ppb
Silver	107-1	246.37	246.26	246.72	246.45	0.10	ppb
Sodium	23-2	26575.15	26286.25	26487.96	26449.79	0.56	ppb
Strontium	86-1	254.71	251.82	252.65	253.06	0.59	ppb
Strontium	88-1	254.07	251.86	251.56	252.50	0.54	ppb
Sulfur	34-1	4457.41	4489.19	4514.26	4486.95	0.63	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	249.80	250.43	249.63	249.95	0.17	ppb
Thallium	205-1	244.76	247.21	244.18	245.39	0.66	ppb
Thorium	232-1	243.43	244.79	243.14	243.79	0.36	ppb
Tin	118-1	252.47	253.39	254.14	253.34	0.33	ppb
Titanium	47-1	1238.99	1244.12	1244.76	1242.62	0.25	ppb
Uranium	238-1	243.62	245.73	242.37	243.91	0.70	ppb
Vanadium	51-2	251.76	251.05	252.75	251.85	0.34	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:06:30	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	510.61	508.55	507.80	508.99	0.29	ppb
Zirconium	90-1	249.96	248.41	248.52	248.96	0.35	ppb
Zirconium	91-1	250.37	247.96	251.09	249.81	0.65	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:10:18	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10102.43	10047.54	9995.63	10048.53	0.53	ppb
Antimony	121-1	501.69	502.18	505.95	503.27	0.46	ppb
Arsenic	75-1	499.17	506.60	507.98	504.58	0.94	ppb
Barium	135-1	2493.29	2501.16	2498.46	2497.64	0.16	ppb
Barium	137-1	2517.07	2490.97	2512.74	2506.93	0.56	ppb
Beryllium	9-1	503.93	503.66	503.27	503.62	0.07	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	492.83	501.12	500.18	498.04	0.91	ppb
Boron	11-1	483.20	494.79	507.78	495.25	2.48	ppb
Cadmium	111-1	478.10	478.90	485.46	480.82	0.84	ppb
Cadmium	106-1	481.29	490.56	485.63	485.83	0.95	ppb
Cadmium	108-1	486.91	486.24	490.37	487.84	0.45	ppb
Calcium	43-1	51841.82	52108.35	52456.04	52135.40	0.59	ppb
Calcium	44-1	51584.83	51615.47	52013.55	51737.95	0.46	ppb
Chromium	52-2	507.89	508.00	502.50	506.13	0.62	ppb
Cobalt	59-2	512.49	507.89	509.18	509.85	0.47	ppb
Copper	63-2	941.75	939.44	931.25	937.48	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	26788.43	26598.14	26581.09	26655.88	0.43	ppb
Iron	57-2	26898.84	26675.74	26789.42	26788.00	0.42	ppb
Krypton	83-1						cps
Lead	206-1	496.14	495.85	502.74	498.24	0.78	ppb
Lead	207-1	500.54	502.40	501.34	501.43	0.19	ppb
Lead	208-1	498.94	500.54	501.65	500.38	0.27	ppb
Lithium	6-1				88		%
Magnesium	24-2	53613.69	53439.57	53223.79	53425.68	0.37	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:10:18	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1015.25	1010.83	1002.32	1009.46	0.65	ppb
Molybdenum	94-1	2499.81	2491.93	2533.64	2508.46	0.88	ppb
Molybdenum	95-1	2512.87	2495.16	2541.95	2516.66	0.94	ppb
Molybdenum	96-1	2518.86	2516.37	2543.09	2526.11	0.58	ppb
Molybdenum	97-1	2494.32	2501.80	2551.49	2515.87	1.23	ppb
Molybdenum	98-1	2499.14	2509.14	2524.58	2510.95	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.05	510.32	512.85	512.07	0.30	ppb
Phosphorus	31-2	10077.20	10141.57	9963.58	10060.78	0.90	ppb
Potassium	39-2	25494.88	25600.13	25520.14	25538.39	0.22	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	77-2	508.31	515.70	491.34	505.12	2.47	ppb
Selenium	78-2	509.49	509.10	508.85	509.15	0.06	ppb
Selenium	82-1	511.64	510.95	519.31	513.97	0.90	ppb
Silicon	28-1	538.27	546.04	558.00	547.44	1.82	ppb
Silver	109-1	485.26	479.16	487.13	483.85	0.86	ppb
Silver	107-1	483.31	488.48	487.08	486.29	0.55	ppb
Sodium	23-2	52810.78	52499.62	52489.03	52599.81	0.35	ppb
Strontium	86-1	504.17	498.80	504.14	502.37	0.62	ppb
Strontium	88-1	501.70	498.92	501.26	500.63	0.30	ppb
Sulfur	34-1	9551.99	9781.62	9922.61	9752.07	1.92	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	498.35	496.46	499.90	498.24	0.35	ppb
Thallium	205-1	497.06	500.07	503.86	500.33	0.68	ppb
Thorium	232-1	492.98	497.08	492.08	494.04	0.54	ppb
Tin	118-1	497.96	501.33	501.23	500.17	0.38	ppb
Titanium	47-1	2479.42	2492.98	2503.65	2492.02	0.49	ppb
Uranium	238-1	497.35	500.62	498.65	498.87	0.33	ppb
Vanadium	51-2	507.11	504.63	497.57	503.10	0.98	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:10:18	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1001.36	988.22	992.76	994.11	0.67	ppb
Zirconium	90-1	497.63	496.71	499.27	497.87	0.26	ppb
Zirconium	91-1	495.72	495.23	503.00	497.99	0.87	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:14:03	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19755.25	19834.18	19779.91	19789.78	0.20	ppb
Antimony	121-1	999.92	995.45	997.66	997.67	0.22	ppb
Arsenic	75-1	1001.45	995.13	989.97	995.52	0.58	ppb
Barium	135-1	4983.90	5009.35	4993.16	4995.47	0.26	ppb
Barium	137-1	4992.67	4995.83	4996.72	4995.08	0.04	ppb
Beryllium	9-1	995.52	998.93	996.16	996.87	0.18	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	976.90	1013.09	1016.09	1002.03	2.18	ppb
Boron	11-1	986.18	1000.36	1021.20	1002.58	1.76	ppb
Cadmium	111-1	1007.74	1013.70	1012.36	1011.27	0.31	ppb
Cadmium	106-1	1014.89	1009.77	1002.08	1008.91	0.64	ppb
Cadmium	108-1	1008.92	1000.29	1010.27	1006.49	0.54	ppb
Calcium	43-1	104575.48	103435.83	103963.27	103991.53	0.55	ppb
Calcium	44-1	103284.50	103105.18	102886.56	103092.08	0.19	ppb
Chromium	52-2	992.40	998.15	996.99	995.85	0.31	ppb
Cobalt	59-2	986.61	993.38	996.82	992.27	0.52	ppb
Copper	63-2	2037.81	2042.71	2034.69	2038.40	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	52738.27	52812.59	52438.94	52663.27	0.38	ppb
Iron	57-2	52556.36	52908.37	53122.79	52862.50	0.54	ppb
Krypton	83-1						cps
Lead	206-1	994.72	1010.41	999.61	1001.58	0.80	ppb
Lead	207-1	993.14	1001.99	1004.31	999.81	0.59	ppb
Lead	208-1	995.35	1002.31	1003.67	1000.44	0.45	ppb
Lithium	6-1				86		%
Magnesium	24-2	104817.50	105132.86	104631.74	104860.70	0.24	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:14:03	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1995.60	1990.91	1993.15	1993.22	0.12	ppb
Molybdenum	94-1	5005.79	4971.66	5006.96	4994.80	0.40	ppb
Molybdenum	95-1	5030.45	4966.14	4970.46	4989.02	0.72	ppb
Molybdenum	96-1	5036.00	4941.33	4979.35	4985.56	0.96	ppb
Molybdenum	97-1	5040.81	4957.03	4977.79	4991.88	0.87	ppb
Molybdenum	98-1	5014.94	4984.53	4983.50	4994.32	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	982.90	995.94	992.98	990.60	0.69	ppb
Phosphorus	31-2	19938.44	19868.70	20022.93	19943.36	0.39	ppb
Potassium	39-2	50340.81	50666.91	50754.83	50587.52	0.43	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				93		%
Selenium	77-2	996.55	1009.57	983.99	996.70	1.28	ppb
Selenium	78-2	992.28	988.26	998.23	992.93	0.51	ppb
Selenium	82-1	993.61	987.93	986.07	989.20	0.40	ppb
Silicon	28-1	970.10	965.91	979.46	971.83	0.71	ppb
Silver	109-1	1010.76	1007.83	1006.06	1008.22	0.24	ppb
Silver	107-1	1010.24	1010.03	1001.63	1007.30	0.49	ppb
Sodium	23-2	103529.88	104643.49	103775.01	103982.79	0.56	ppb
Strontium	86-1	996.79	995.42	1001.13	997.78	0.30	ppb
Strontium	88-1	1002.29	997.86	996.22	998.79	0.31	ppb
Sulfur	34-1	20479.73	20159.48	20350.83	20330.01	0.79	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	993.75	1009.44	999.89	1001.03	0.79	ppb
Thallium	205-1	998.41	1009.57	995.19	1001.06	0.75	ppb
Thorium	232-1	1003.79	1010.34	1001.90	1005.34	0.44	ppb
Tin	118-1	1004.47	999.96	991.60	998.67	0.65	ppb
Titanium	47-1	5027.55	4981.17	5010.49	5006.40	0.47	ppb
Uranium	238-1	996.21	1011.47	1000.38	1002.69	0.79	ppb
Vanadium	51-2	997.83	996.96	999.60	998.13	0.13	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:14:03	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1985.44	2011.43	2003.27	2000.05	0.66	ppb
Zirconium	90-1	999.65	999.22	1005.03	1001.30	0.32	ppb
Zirconium	91-1	1005.32	999.17	998.55	1001.01	0.37	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:17:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99800.35	100031.01	100264.85	100032.07	0.23	ppb
Antimony	121-1	1.38	1.45	1.47	1.43	3.40	ppb
Arsenic	75-1	1.16	1.11	1.39	1.22	12.48	ppb
Barium	135-1	0.46	0.52	0.47	0.48	6.30	ppb
Barium	137-1	0.45	0.47	0.44	0.45	2.64	ppb
Beryllium	9-1	0.12	0.13	0.12	0.13	5.88	ppb
Bismuth	209-1				79		%
Bismuth	209-2				78		%
Boron	10-1	60.44	52.57	47.97	53.66	11.75	ppb
Boron	11-1	57.34	54.07	49.32	53.58	7.53	ppb
Cadmium	111-1	0.12	0.09	0.12	0.11	15.30	ppb
Cadmium	106-1	0.06	-0.04	0.28	0.10	165.04	ppb
Cadmium	108-1	0.24	0.25	0.24	0.24	3.33	ppb
Calcium	43-1	501243.19	497682.46	497814.56	498913.40	0.40	ppb
Calcium	44-1	499938.31	501241.37	496274.67	499151.45	0.52	ppb
Chromium	52-2	27.94	27.55	27.86	27.78	0.74	ppb
Cobalt	59-2	11.60	11.50	11.50	11.53	0.49	ppb
Copper	63-2	2.67	2.68	2.67	2.67	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				92		%
Indium	115-1				84		%
Indium	115-2				86		%
Iron	56-2	249091.92	248149.83	250478.67	249240.14	0.47	ppb
Iron	57-2	248607.67	249220.00	249729.71	249185.79	0.23	ppb
Krypton	83-1						cps
Lead	206-1	0.70	0.75	0.73	0.73	3.78	ppb
Lead	207-1	0.75	0.73	0.73	0.74	1.40	ppb
Lead	208-1	0.72	0.74	0.73	0.73	1.31	ppb
Lithium	6-1				81		%
Magnesium	24-2	498050.60	497038.46	500610.08	498566.38	0.37	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:17:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.10	6.33	6.64	6.35	4.32	ppb
Molybdenum	94-1	3.99	3.81	3.62	3.80	4.87	ppb
Molybdenum	95-1	5.07	4.94	4.68	4.90	4.02	ppb
Molybdenum	96-1	5.01	4.92	4.61	4.84	4.30	ppb
Molybdenum	97-1	4.99	4.92	4.74	4.88	2.65	ppb
Molybdenum	98-1	4.97	4.68	4.61	4.75	4.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.22	25.97	26.12	26.10	0.49	ppb
Phosphorus	31-2	-39.90	-20.90	-40.04	-33.61		ppb
Potassium	39-2	249100.21	250551.09	249773.27	249808.19	0.29	ppb
Rhodium	103-1				77		%
Rhodium	103-2				79		%
Scandium	45-1				87		%
Scandium	45-2				91		%
Selenium	77-2	0.29	0.87	0.29	0.48	69.34	ppb
Selenium	78-2	-0.02	0.50	0.35	0.28	97.14	ppb
Selenium	82-1	1.46	0.17	1.50	1.05	72.30	ppb
Silicon	28-1	43.39	43.91	41.87	43.06	2.45	ppb
Silver	109-1	0.04	0.05	0.05	0.05	10.62	ppb
Silver	107-1	0.05	0.05	0.05	0.05	8.82	ppb
Sodium	23-2	500653.44	496335.56	499574.51	498854.50	0.45	ppb
Strontium	86-1	3.93	3.98	3.92	3.94	0.82	ppb
Strontium	88-1	4.04	4.00	3.99	4.01	0.68	ppb
Sulfur	34-1	-361.16	-364.59	-368.59	-364.78		ppb
Terbium	159-1				90		%
Terbium	159-2				91		%
Thallium	203-1	0.25	0.22	0.21	0.23	9.26	ppb
Thallium	205-1	0.23	0.23	0.21	0.23	4.82	ppb
Thorium	232-1	0.17	0.16	0.16	0.16	2.39	ppb
Tin	118-1	0.32	0.40	0.32	0.35	12.47	ppb
Titanium	47-1	1.11	1.05	1.18	1.11	5.47	ppb
Uranium	238-1	0.05	0.04	0.04	0.04	6.14	ppb
Vanadium	51-2	0.17	0.18	0.15	0.17	9.74	ppb
Yttrium	89-1				87		%
Yttrium	89-2				90		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:17:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	16.45	15.86	16.31	16.20	1.90	ppb
Zirconium	90-1	0.19	0.22	0.19	0.20	7.69	ppb
Zirconium	91-1	0.20	0.21	0.20	0.20	3.09	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:26:40	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	468.72	475.85	480.43	475.00	1.24	ppb
Antimony	121-1	194.89	196.61	196.51	196.00	0.49	ppb
Arsenic	75-1	200.13	203.51	201.15	201.59	0.86	ppb
Barium	135-1	99.50	100.02	100.49	100.00	0.50	ppb
Barium	137-1	99.57	99.88	101.29	100.25	0.91	ppb
Beryllium	9-1	95.61	97.08	96.36	96.35	0.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	535.28	555.00	552.74	547.68	1.97	ppb
Boron	11-1	540.00	547.32	544.70	544.01	0.68	ppb
Cadmium	111-1	101.82	103.05	103.39	102.75	0.81	ppb
Cadmium	106-1	182.97	180.15	181.56	181.56	0.78	ppb
Cadmium	108-1	165.21	164.32	164.62	164.72	0.28	ppb
Calcium	43-1	2309.30	2235.81	2259.65	2268.25	1.65	ppb
Calcium	44-1	2122.57	2131.56	2132.76	2128.96	0.26	ppb
Chromium	52-2	96.75	97.02	97.60	97.12	0.45	ppb
Cobalt	59-2	101.37	101.31	101.91	101.53	0.32	ppb
Copper	63-2	94.73	94.14	93.71	94.19	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	1052.80	1051.72	1059.05	1054.52	0.38	ppb
Iron	57-2	1061.21	1059.07	1056.08	1058.79	0.24	ppb
Krypton	83-1						cps
Lead	206-1	192.06	189.49	191.91	191.16	0.75	ppb
Lead	207-1	190.03	191.14	190.28	190.48	0.30	ppb
Lead	208-1	191.90	190.93	191.70	191.51	0.27	ppb
Lithium	6-1				93		%
Magnesium	24-2	1266.75	1261.72	1271.11	1266.53	0.37	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:26:40	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.27	98.51	98.07	98.28	0.22	ppb
Molybdenum	94-1	2359.05	2354.73	2370.78	2361.52	0.35	ppb
Molybdenum	95-1	2371.14	2372.60	2384.00	2375.92	0.30	ppb
Molybdenum	96-1	2360.82	2372.12	2391.59	2374.84	0.66	ppb
Molybdenum	97-1	2359.15	2357.36	2373.73	2363.41	0.38	ppb
Molybdenum	98-1	2361.78	2365.89	2378.03	2368.57	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.60	104.77	104.86	105.08	0.44	ppb
Phosphorus	31-2	-15.12	-29.81	-15.68	-20.20		ppb
Potassium	39-2	2038.58	2016.32	2016.14	2023.68	0.64	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	77-2	202.91	194.87	200.98	199.58	2.10	ppb
Selenium	78-2	204.20	206.97	207.14	206.10	0.80	ppb
Selenium	82-1	203.97	205.78	208.70	206.15	1.16	ppb
Silicon	28-1	384.88	394.10	390.39	389.79	1.19	ppb
Silver	109-1	89.96	91.17	90.92	90.68	0.70	ppb
Silver	107-1	91.06	90.46	90.37	90.63	0.41	ppb
Sodium	23-2	2070.68	2084.37	2097.47	2084.17	0.64	ppb
Strontium	86-1	464.91	467.41	468.30	466.87	0.38	ppb
Strontium	88-1	470.77	467.62	470.25	469.55	0.36	ppb
Sulfur	34-1	-822.16	-716.05	-755.01	-764.41		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	193.53	192.96	195.15	193.88	0.58	ppb
Thallium	205-1	194.46	192.17	191.90	192.84	0.73	ppb
Thorium	232-1	124.14	123.87	124.84	124.28	0.40	ppb
Tin	118-1	472.06	472.06	472.25	472.12	0.02	ppb
Titanium	47-1	2428.80	2466.85	2441.17	2445.61	0.79	ppb
Uranium	238-1	491.49	488.98	494.46	491.64	0.56	ppb
Vanadium	51-2	96.42	96.50	96.53	96.49	0.06	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:26:40	DataFile Name :	011ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	201.44	204.48	203.65	203.19	0.77	ppb
Zirconium	90-1	465.28	467.28	469.34	467.30	0.43	ppb
Zirconium	91-1	459.97	466.93	471.39	466.10	1.23	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 15:35:19 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	0.20	-0.11	-0.03		ppb
Antimony	121-1	0.06	0.08	0.06	0.07	17.78	ppb
Arsenic	75-1	-0.19	0.00	-0.13	-0.10		ppb
Barium	135-1	0.00	0.01	0.01	0.01	72.85	ppb
Barium	137-1	0.00	0.01	0.00	0.00	217.21	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	9.27	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	6.83	6.89	6.70	6.81	1.47	ppb
Boron	11-1	6.25	6.52	6.16	6.31	2.95	ppb
Cadmium	111-1	-0.05	-0.13	-0.08	-0.08		ppb
Cadmium	106-1	-0.71	-1.86	-1.06	-1.21		ppb
Cadmium	108-1	0.05	-0.02	0.01	0.01	305.42	ppb
Calcium	43-1	0.62	-0.40	0.84	0.35	185.79	ppb
Calcium	44-1	0.99	-0.30	1.55	0.75	126.87	ppb
Chromium	52-2	0.00	0.00	0.01	0.00	193.78	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	161.51	ppb
Copper	63-2	0.02	0.04	0.02	0.03	36.25	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				96		%
Indium	115-2				96		%
Iron	56-2	0.21	0.33	0.35	0.30	24.96	ppb
Iron	57-2	-0.06	-0.02	0.42	0.12	229.16	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	20.71	ppb
Lead	207-1	0.03	0.01	0.01	0.02	47.20	ppb
Lead	208-1	0.01	0.02	0.02	0.02	9.68	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.88	0.63	0.61	0.71	20.85	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 15:35:19 DataFile Name : 012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.17	0.15	0.15	0.16	5.93	ppb
Molybdenum	95-1	0.20	0.21	0.23	0.21	5.79	ppb
Molybdenum	96-1	0.23	0.19	0.19	0.20	9.99	ppb
Molybdenum	97-1	0.22	0.22	0.27	0.23	11.76	ppb
Molybdenum	98-1	0.23	0.23	0.21	0.22	5.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.02	0.01	225.11	ppb
Phosphorus	31-2	-21.85	-21.05	-41.82	-28.24		ppb
Potassium	39-2	14.61	12.85	11.74	13.07	11.10	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	77-2	0.28	0.00	0.00	0.09	173.21	ppb
Selenium	78-2	-0.13	0.55	0.49	0.30	123.07	ppb
Selenium	82-1	0.75	0.09	0.59	0.47	72.22	ppb
Silicon	28-1	0.62	0.75	0.65	0.67	9.91	ppb
Silver	109-1	0.00	0.00	0.00	0.00	9.35	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.97	ppb
Sodium	23-2	22.70	22.59	20.39	21.89	5.95	ppb
Strontium	86-1	-0.07	-0.06	0.14	0.00	9535.43	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	18.50	ppb
Sulfur	34-1	-700.86	-693.03	-686.14	-693.34		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.02	0.02	0.02	29.08	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.37	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	8.89	ppb
Tin	118-1	0.06	0.05	0.01	0.04	62.32	ppb
Titanium	47-1	0.03	0.07	0.05	0.05	39.00	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	49.81	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	127.84	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:35:19	DataFile Name :	012CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	0.11	-0.03	0.02	297.98	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	31.98	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	45.94	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:38:56	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91610.52	89954.22	90830.90	90798.54	0.91	ppb
Antimony	121-1	1.09	1.14	1.14	1.12	2.79	ppb
Arsenic	75-1	0.97	0.72	1.06	0.92	19.53	ppb
Barium	135-1	1.46	1.43	1.34	1.41	4.33	ppb
Barium	137-1	1.47	1.48	1.48	1.48	0.48	ppb
Beryllium	9-1	0.29	0.29	0.25	0.28	7.66	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Boron	10-1	6.73	6.46	6.31	6.50	3.22	ppb
Boron	11-1	6.73	6.59	6.26	6.53	3.71	ppb
Cadmium	111-1	0.75	0.69	0.70	0.71	4.86	ppb
Cadmium	106-1	-0.61	-0.51	-1.56	-0.89		ppb
Cadmium	108-1	17.85	19.59	18.81	18.75	4.65	ppb
Calcium	43-1	100010.20	99712.10	99561.57	99761.29	0.23	ppb
Calcium	44-1	99853.09	99010.74	99237.55	99367.13	0.44	ppb
Chromium	52-2	19.50	19.34	19.61	19.48	0.69	ppb
Cobalt	59-2	1.19	1.18	1.21	1.19	1.23	ppb
Copper	63-2	6.87	6.87	6.99	6.91	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	56-2	103121.61	102261.49	102023.59	102468.89	0.56	ppb
Iron	57-2	103161.57	101105.31	102344.51	102203.79	1.01	ppb
Krypton	83-1						cps
Lead	206-1	4.82	4.87	4.94	4.88	1.20	ppb
Lead	207-1	4.33	4.45	4.41	4.40	1.32	ppb
Lead	208-1	4.53	4.58	4.64	4.59	1.21	ppb
Lithium	6-1				88		%
Magnesium	24-2	104960.36	102697.93	103426.91	103695.07	1.11	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:38:56	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.69	7.71	7.92	7.77	1.62	ppb
Molybdenum	94-1	1273.18	1272.39	1287.37	1277.64	0.66	ppb
Molybdenum	95-1	1791.88	1798.80	1810.79	1800.49	0.53	ppb
Molybdenum	96-1	1737.53	1724.71	1745.30	1735.85	0.60	ppb
Molybdenum	97-1	1797.67	1802.94	1798.56	1799.72	0.16	ppb
Molybdenum	98-1	1806.80	1788.27	1807.53	1800.87	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.42	5.32	5.43	5.39	1.14	ppb
Phosphorus	31-2	96214.54	94366.49	96076.44	95552.49	1.08	ppb
Potassium	39-2	100840.05	99672.72	100932.75	100481.84	0.70	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.28	0.09	173.21	ppb
Selenium	78-2	0.16	0.37	0.19	0.24	46.95	ppb
Selenium	82-1	0.83	1.30	0.16	0.76	75.50	ppb
Silicon	28-1	19.64	19.48	19.92	19.68	1.13	ppb
Silver	109-1	0.03	0.04	0.04	0.04	21.34	ppb
Silver	107-1	0.03	0.04	0.04	0.04	16.05	ppb
Sodium	23-2	104310.64	101490.35	103084.47	102961.82	1.37	ppb
Strontium	86-1	33.39	32.84	33.92	33.39	1.62	ppb
Strontium	88-1	33.74	33.50	33.88	33.70	0.57	ppb
Sulfur	34-1	74789.12	74169.51	73826.44	74261.69	0.66	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.10	0.12	0.13	0.12	10.71	ppb
Thallium	205-1	0.10	0.11	0.14	0.12	14.81	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	13.10	ppb
Tin	118-1	0.15	0.17	0.18	0.17	9.30	ppb
Titanium	47-1	1974.48	1964.29	1988.53	1975.77	0.62	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	19.53	ppb
Vanadium	51-2	0.19	0.17	0.17	0.18	6.47	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:38:56	DataFile Name :	013ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.32	11.07	11.47	11.29	1.78	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	12.89	ppb
Zirconium	91-1	0.03	0.04	0.05	0.04	19.31	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:42:33	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90786.51	91331.67	91030.65	91049.61	0.30	ppb
Antimony	121-1	20.85	20.82	21.06	20.91	0.60	ppb
Arsenic	75-1	20.79	21.01	20.81	20.87	0.58	ppb
Barium	135-1	21.97	21.98	21.98	21.98	0.02	ppb
Barium	137-1	21.79	22.02	21.93	21.91	0.53	ppb
Beryllium	9-1	20.25	20.06	19.76	20.03	1.23	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Boron	10-1	49.59	51.21	50.33	50.38	1.61	ppb
Boron	11-1	49.34	49.14	49.62	49.37	0.49	ppb
Cadmium	111-1	19.42	19.39	19.46	19.42	0.17	ppb
Cadmium	106-1	22.54	23.23	20.94	22.24	5.26	ppb
Cadmium	108-1	39.24	39.69	40.44	39.79	1.52	ppb
Calcium	43-1	98613.93	100231.42	100772.20	99872.52	1.12	ppb
Calcium	44-1	98616.77	99869.63	100215.20	99567.20	0.84	ppb
Chromium	52-2	39.09	39.34	38.97	39.13	0.48	ppb
Cobalt	59-2	21.23	21.08	20.98	21.09	0.58	ppb
Copper	63-2	25.15	25.29	24.93	25.12	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	102710.16	103492.25	101848.28	102683.57	0.80	ppb
Iron	57-2	102438.07	103086.20	101940.05	102488.11	0.56	ppb
Krypton	83-1						cps
Lead	206-1	25.37	25.75	25.35	25.49	0.90	ppb
Lead	207-1	23.99	24.14	24.20	24.11	0.46	ppb
Lead	208-1	24.43	24.72	24.60	24.59	0.60	ppb
Lithium	6-1				89		%
Magnesium	24-2	103228.98	103925.34	102937.97	103364.10	0.49	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:42:33	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.24	27.05	26.67	26.99	1.08	ppb
Molybdenum	94-1	1371.35	1392.09	1379.23	1380.89	0.76	ppb
Molybdenum	95-1	1845.84	1872.47	1846.74	1855.02	0.82	ppb
Molybdenum	96-1	1794.59	1806.13	1792.61	1797.78	0.41	ppb
Molybdenum	97-1	1855.50	1861.62	1849.74	1855.62	0.32	ppb
Molybdenum	98-1	1841.00	1850.60	1842.01	1844.54	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.24	24.84	24.88	24.99	0.87	ppb
Phosphorus	31-2	96761.36	96999.15	96272.39	96677.63	0.38	ppb
Potassium	39-2	101367.10	101730.65	100519.36	101205.70	0.61	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	18.71	18.30	23.98	20.33	15.58	ppb
Selenium	78-2	18.65	19.49	19.02	19.05	2.21	ppb
Selenium	82-1	19.22	20.20	19.75	19.72	2.47	ppb
Silicon	28-1	57.86	59.18	59.95	59.00	1.79	ppb
Silver	109-1	18.16	18.33	18.32	18.27	0.51	ppb
Silver	107-1	18.24	18.24	18.36	18.28	0.37	ppb
Sodium	23-2	102391.02	103453.64	102574.04	102806.24	0.55	ppb
Strontium	86-1	85.61	87.05	86.91	86.52	0.92	ppb
Strontium	88-1	85.59	86.58	86.83	86.33	0.76	ppb
Sulfur	34-1	74064.18	75197.05	75274.06	74845.10	0.91	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	20.55	20.59	20.34	20.49	0.66	ppb
Thallium	205-1	20.39	20.82	20.38	20.53	1.22	ppb
Thorium	232-1	0.05	0.05	0.04	0.05	7.94	ppb
Tin	118-1	44.17	44.73	45.76	44.89	1.80	ppb
Titanium	47-1	2017.82	2037.47	2040.82	2032.04	0.61	ppb
Uranium	238-1	45.02	45.50	45.36	45.29	0.55	ppb
Vanadium	51-2	19.73	19.66	19.65	19.68	0.23	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:42:33	DataFile Name :	014ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.65	29.94	29.90	29.83	0.53	ppb
Zirconium	90-1	44.44	45.05	45.03	44.84	0.77	ppb
Zirconium	91-1	44.41	45.22	45.46	45.03	1.22	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:46:23	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54140.00	53317.10	53444.60	53633.90	0.83	ppb
Antimony	121-1	493.76	489.01	489.10	490.62	0.55	ppb
Arsenic	75-1	512.17	520.57	515.46	516.07	0.82	ppb
Barium	135-1	2529.72	2500.13	2492.65	2507.50	0.78	ppb
Barium	137-1	2520.06	2493.36	2510.78	2508.07	0.54	ppb
Beryllium	9-1	493.07	499.56	496.32	496.31	0.65	ppb
Bismuth	209-1				86		%
Bismuth	209-2				85		%
Boron	10-1	485.15	490.06	500.53	491.91	1.60	ppb
Boron	11-1	486.70	494.05	504.68	495.14	1.83	ppb
Cadmium	111-1	524.00	521.10	523.95	523.02	0.32	ppb
Cadmium	106-1	512.32	520.91	527.14	520.12	1.43	ppb
Cadmium	108-1	521.14	522.45	527.25	523.61	0.61	ppb
Calcium	43-1	243491.69	245462.35	246848.26	245267.43	0.69	ppb
Calcium	44-1	242274.70	244397.96	244313.49	243662.05	0.49	ppb
Chromium	52-2	502.30	496.41	495.06	497.92	0.77	ppb
Cobalt	59-2	491.39	487.23	483.87	487.50	0.77	ppb
Copper	63-2	1006.19	995.95	996.27	999.47	0.58	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				90		%
Indium	115-2				90		%
Iron	56-2	127530.13	126401.99	126205.64	126712.59	0.56	ppb
Iron	57-2	127283.37	126629.88	125695.97	126536.41	0.63	ppb
Krypton	83-1						cps
Lead	206-1	511.00	508.60	509.70	509.76	0.24	ppb
Lead	207-1	510.05	508.42	512.52	510.33	0.40	ppb
Lead	208-1	511.06	509.56	511.44	510.69	0.19	ppb
Lithium	6-1				87		%
Magnesium	24-2	256390.51	254450.58	253458.67	254766.59	0.59	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:46:23	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	981.38	968.22	974.34	974.65	0.68	ppb
Molybdenum	94-1	2500.38	2508.84	2503.77	2504.33	0.17	ppb
Molybdenum	95-1	2493.92	2523.43	2505.45	2507.60	0.59	ppb
Molybdenum	96-1	2495.86	2519.68	2504.66	2506.73	0.48	ppb
Molybdenum	97-1	2493.24	2524.17	2497.47	2504.96	0.67	ppb
Molybdenum	98-1	2483.86	2517.22	2492.03	2497.70	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.66	485.69	480.67	486.34	1.24	ppb
Phosphorus	31-2	9788.32	9826.56	9713.93	9776.27	0.59	ppb
Potassium	39-2	127868.27	126843.98	127909.30	127540.51	0.47	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	77-2	490.20	482.88	492.17	488.42	1.00	ppb
Selenium	78-2	495.37	485.54	500.65	493.85	1.55	ppb
Selenium	82-1	484.97	492.24	486.24	487.81	0.80	ppb
Silicon	28-1	505.35	522.44	524.93	517.57	2.06	ppb
Silver	109-1	503.62	501.38	503.93	502.98	0.28	ppb
Silver	107-1	506.07	502.50	501.68	503.41	0.46	ppb
Sodium	23-2	252470.85	250165.39	250293.87	250976.70	0.52	ppb
Strontium	86-1	496.33	500.31	497.58	498.07	0.41	ppb
Strontium	88-1	498.70	503.50	499.31	500.50	0.52	ppb
Sulfur	34-1	9768.43	9929.43	9812.45	9836.77	0.85	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	514.99	508.87	506.39	510.08	0.87	ppb
Thallium	205-1	513.65	507.21	511.50	510.79	0.64	ppb
Thorium	232-1	522.52	518.01	521.20	520.58	0.45	ppb
Tin	118-1	495.55	493.38	495.69	494.88	0.26	ppb
Titanium	47-1	2464.76	2500.61	2466.34	2477.24	0.82	ppb
Uranium	238-1	530.96	522.74	525.99	526.56	0.79	ppb
Vanadium	51-2	496.71	493.48	492.78	494.32	0.42	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:46:23	DataFile Name :	015CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	979.72	976.35	970.14	975.40	0.50	ppb
Zirconium	90-1	499.61	504.16	501.11	501.63	0.46	ppb
Zirconium	91-1	496.92	503.08	498.07	499.36	0.66	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:58:31	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.30	21.87	21.05	20.74	6.31	ppb
Antimony	121-1	2.01	2.06	2.07	2.04	1.64	ppb
Arsenic	75-1	0.86	1.03	0.98	0.96	9.61	ppb
Barium	135-1	10.04	10.58	10.34	10.32	2.60	ppb
Barium	137-1	10.31	10.09	10.19	10.20	1.06	ppb
Beryllium	9-1	1.01	0.96	0.96	0.98	2.75	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	29.24	29.53	30.09	29.62	1.46	ppb
Boron	11-1	28.99	29.20	29.94	29.38	1.71	ppb
Cadmium	111-1	0.98	0.92	0.99	0.96	3.90	ppb
Cadmium	106-1	0.44	0.29	0.69	0.47	42.64	ppb
Cadmium	108-1	0.91	1.09	1.08	1.03	9.45	ppb
Calcium	43-1	495.80	520.90	498.53	505.07	2.73	ppb
Calcium	44-1	502.41	503.86	508.72	505.00	0.65	ppb
Chromium	52-2	2.01	1.99	2.00	2.00	0.45	ppb
Cobalt	59-2	1.03	1.07	1.03	1.04	2.39	ppb
Copper	63-2	1.95	2.04	1.98	1.99	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	57.31	56.47	57.22	57.00	0.80	ppb
Iron	57-2	62.59	58.75	55.69	59.01	5.85	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.99	1.00	1.00	1.52	ppb
Lead	207-1	1.02	1.03	0.98	1.01	2.63	ppb
Lead	208-1	1.04	1.01	1.00	1.01	2.03	ppb
Lithium	6-1				100		%
Magnesium	24-2	565.68	550.76	564.22	560.22	1.47	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:58:31	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.99	1.12	1.10	1.07	6.67	ppb
Molybdenum	94-1	4.89	4.97	4.96	4.94	0.94	ppb
Molybdenum	95-1	4.98	5.08	4.93	4.99	1.53	ppb
Molybdenum	96-1	4.82	4.82	4.83	4.82	0.13	ppb
Molybdenum	97-1	4.79	4.96	4.99	4.92	2.20	ppb
Molybdenum	98-1	4.82	4.79	4.84	4.82	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.08	1.04	1.10	6.45	ppb
Phosphorus	31-2	24.08	7.55	1.74	11.12	104.23	ppb
Potassium	39-2	541.86	535.14	532.66	536.55	0.89	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	4.63	5.91	6.88	5.81	19.52	ppb
Selenium	78-2	6.05	5.44	6.16	5.88	6.55	ppb
Selenium	82-1	4.87	6.14	5.76	5.59	11.64	ppb
Silicon	28-1	8.53	8.54	8.45	8.51	0.60	ppb
Silver	109-1	0.89	0.91	0.90	0.90	1.47	ppb
Silver	107-1	0.91	0.92	0.91	0.91	0.61	ppb
Sodium	23-2	554.48	552.04	555.45	553.99	0.32	ppb
Strontium	86-1	1.09	0.99	0.94	1.01	7.96	ppb
Strontium	88-1	0.98	0.98	1.01	0.99	1.92	ppb
Sulfur	34-1	-79.60	-144.97	-174.36	-132.97		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	1.01	1.05	1.00	1.02	2.95	ppb
Thallium	205-1	1.00	1.01	1.00	1.00	0.62	ppb
Thorium	232-1	0.84	0.85	0.86	0.85	1.35	ppb
Tin	118-1	5.17	5.16	5.25	5.19	0.97	ppb
Titanium	47-1	4.88	4.98	5.24	5.04	3.71	ppb
Uranium	238-1	0.88	0.87	0.88	0.88	0.51	ppb
Vanadium	51-2	5.19	5.21	5.21	5.20	0.26	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:58:31	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.09	2.10	2.20	2.13	2.87	ppb
Zirconium	90-1	0.92	0.95	0.96	0.94	2.28	ppb
Zirconium	91-1	0.91	0.99	0.94	0.95	4.36	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : CCB26 Instrumnet Name : P7
 Client Sample ID : CCB26 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:02:52 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	0.23	0.00	0.21	97.17	ppb
Antimony	121-1	0.01	0.02	0.03	0.02	39.27	ppb
Arsenic	75-1	-0.02	-0.01	-0.12	-0.05		ppb
Barium	135-1	0.01	0.00	-0.01	0.00	606.36	ppb
Barium	137-1	0.00	0.01	0.00	0.00	42.44	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	39.81	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	5.38	5.87	5.22	5.49	6.21	ppb
Boron	11-1	5.69	5.64	5.58	5.64	1.01	ppb
Cadmium	111-1	0.08	0.02	-0.08	0.01	1060.27	ppb
Cadmium	106-1	0.91	0.20	-1.13	-0.01		ppb
Cadmium	108-1	0.02	0.02	0.02	0.02	2.82	ppb
Calcium	43-1	-0.40	0.73	-0.98	-0.22		ppb
Calcium	44-1	0.47	0.56	1.31	0.78	58.87	ppb
Chromium	52-2	-0.01	0.00	0.02	0.00	438.52	ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	52.59	ppb
Copper	63-2	0.07	0.04	0.05	0.05	28.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	0.22	0.37	0.28	0.29	25.98	ppb
Iron	57-2	0.36	0.15	0.04	0.18	90.02	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.03	0.03	30.96	ppb
Lead	207-1	0.04	0.03	0.04	0.04	11.52	ppb
Lead	208-1	0.04	0.04	0.03	0.04	14.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.78	0.46	0.88	0.71	31.45	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:02:52	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.01	0.00	114.50	ppb
Molybdenum	94-1	0.08	0.07	0.05	0.06	24.00	ppb
Molybdenum	95-1	0.07	0.08	0.07	0.08	5.59	ppb
Molybdenum	96-1	0.09	0.07	0.06	0.07	18.65	ppb
Molybdenum	97-1	0.09	0.08	0.07	0.08	14.02	ppb
Molybdenum	98-1	0.07	0.09	0.07	0.08	16.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00		ppb
Phosphorus	31-2	-36.51	-26.51	-36.26	-33.09		ppb
Potassium	39-2	14.39	16.28	16.98	15.88	8.44	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.26	0.00	0.09	173.21	ppb
Selenium	78-2	-0.11	-0.23	0.04	-0.10		ppb
Selenium	82-1	1.02	0.41	0.46	0.63	53.56	ppb
Silicon	28-1	0.41	0.47	0.41	0.43	7.78	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.66	ppb
Silver	107-1	0.01	0.01	0.01	0.01	27.47	ppb
Sodium	23-2	24.50	22.26	25.17	23.97	6.36	ppb
Strontium	86-1	-0.09	0.03	0.06	0.00	8208.77	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	16.15	ppb
Sulfur	34-1	-120.65	-46.15	-177.00	-114.60		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.06	0.05	0.05	14.31	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	8.11	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	39.37	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.02	0.01	0.05	0.03	66.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	630.15	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:02:52	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	-0.02	-0.07	-0.04		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	60.99	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	57.49	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:06:27	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.61	19.60	20.22	19.81	1.79	ppb
Antimony	121-1	1.50	2.20	2.11	1.94	19.49	ppb
Arsenic	75-1	1.50	0.46	0.85	0.94	55.59	ppb
Barium	135-1	7.73	11.88	10.99	10.20	21.42	ppb
Barium	137-1	7.76	11.75	11.08	10.20	20.95	ppb
Beryllium	9-1	0.75	1.12	1.06	0.98	20.33	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	20.04	30.58	29.57	26.73	21.74	ppb
Boron	11-1	19.93	29.98	28.95	26.29	21.03	ppb
Cadmium	111-1	0.77	1.19	1.07	1.01	21.38	ppb
Cadmium	106-1	1.31	2.00	0.91	1.40	39.31	ppb
Cadmium	108-1	0.86	1.02	1.04	0.97	10.26	ppb
Calcium	43-1	380.78	560.50	547.08	496.12	20.18	ppb
Calcium	44-1	368.82	558.80	539.70	489.10	21.39	ppb
Chromium	52-2	1.99	2.00	1.94	1.98	1.70	ppb
Cobalt	59-2	1.00	1.05	1.01	1.02	2.89	ppb
Copper	63-2	1.97	1.96	1.90	1.94	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				106		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	55.30	56.18	56.05	55.84	0.85	ppb
Iron	57-2	57.72	58.53	58.32	58.19	0.72	ppb
Krypton	83-1						cps
Lead	206-1	0.70	1.08	0.99	0.92	21.22	ppb
Lead	207-1	0.68	1.05	1.00	0.91	22.17	ppb
Lead	208-1	0.72	1.09	1.03	0.95	21.21	ppb
Lithium	6-1				103		%
Magnesium	24-2	543.23	542.19	544.84	543.42	0.25	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:06:27	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.03	1.09	1.06	2.96	ppb
Molybdenum	94-1	3.68	5.44	5.12	4.74	19.77	ppb
Molybdenum	95-1	3.66	5.35	5.20	4.74	19.82	ppb
Molybdenum	96-1	3.54	5.29	5.15	4.66	20.84	ppb
Molybdenum	97-1	3.64	5.35	5.34	4.78	20.55	ppb
Molybdenum	98-1	3.61	5.32	5.19	4.71	20.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.09	1.14	1.11	2.26	ppb
Phosphorus	31-2	14.80	24.31	31.16	23.42	35.09	ppb
Potassium	39-2	524.62	520.63	517.79	521.01	0.66	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	77-2	4.80	4.28	3.52	4.20	15.22	ppb
Selenium	78-2	5.38	6.37	5.95	5.90	8.42	ppb
Selenium	82-1	4.62	5.83	6.96	5.81	20.13	ppb
Silicon	28-1	3.61	10.72	10.03	8.12	48.25	ppb
Silver	109-1	0.68	1.05	0.97	0.90	21.48	ppb
Silver	107-1	0.67	1.01	0.96	0.88	21.29	ppb
Sodium	23-2	532.38	536.66	537.01	535.35	0.48	ppb
Strontium	86-1	0.36	1.27	1.15	0.93	53.15	ppb
Strontium	88-1	0.75	1.11	1.07	0.98	20.34	ppb
Sulfur	34-1	-1914.55	672.40	469.06	-257.70		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.72	1.08	1.09	0.96	22.15	ppb
Thallium	205-1	0.75	1.10	1.06	0.97	19.98	ppb
Thorium	232-1	0.62	0.92	0.91	0.82	20.64	ppb
Tin	118-1	3.82	5.92	5.60	5.12	22.11	ppb
Titanium	47-1	3.68	5.79	5.44	4.97	22.78	ppb
Uranium	238-1	0.65	1.01	0.97	0.88	22.19	ppb
Vanadium	51-2	5.19	5.20	5.26	5.21	0.73	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:06:27	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.31	2.21	2.10	2.21	4.85	ppb
Zirconium	90-1	0.65	1.04	1.03	0.91	24.38	ppb
Zirconium	91-1	0.71	0.94	0.94	0.86	15.31	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:16:10 DataFile Name : 019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.58	5.76	4.85	4.73	23.15	ppb
Antimony	121-1	0.23	0.22	0.23	0.23	3.34	ppb
Arsenic	75-1	0.05	0.10	0.15	0.10	50.24	ppb
Barium	135-1	1.15	1.22	1.12	1.16	4.52	ppb
Barium	137-1	1.19	1.21	1.18	1.19	1.56	ppb
Beryllium	9-1	0.24	0.25	0.22	0.24	5.72	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	2.93	3.98	3.54	3.48	15.13	ppb
Boron	11-1	3.58	3.72	3.58	3.62	2.19	ppb
Cadmium	111-1	0.19	0.31	0.16	0.22	35.04	ppb
Cadmium	106-1	-0.76	1.17	-0.86	-0.15		ppb
Cadmium	108-1	0.19	0.13	0.21	0.18	21.80	ppb
Calcium	43-1	24.52	20.64	21.42	22.19	9.25	ppb
Calcium	44-1	24.50	24.25	23.58	24.11	1.96	ppb
Chromium	52-2	0.21	0.23	0.24	0.23	7.14	ppb
Cobalt	59-2	0.23	0.25	0.24	0.24	3.71	ppb
Copper	63-2	0.45	0.47	0.51	0.48	5.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	12.03	12.62	12.62	12.42	2.76	ppb
Iron	57-2	12.96	12.77	13.06	12.93	1.15	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.24	0.23	0.24	2.38	ppb
Lead	207-1	0.23	0.22	0.23	0.23	2.89	ppb
Lead	208-1	0.25	0.22	0.23	0.23	4.76	ppb
Lithium	6-1				101		%
Magnesium	24-2	25.24	25.09	25.90	25.41	1.68	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:16:10 DataFile Name : 019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.51	0.47	0.45	0.48	6.32	ppb
Molybdenum	94-1	1.16	1.09	1.13	1.13	3.14	ppb
Molybdenum	95-1	1.11	1.21	1.16	1.16	4.36	ppb
Molybdenum	96-1	1.17	1.13	1.11	1.14	2.68	ppb
Molybdenum	97-1	1.13	1.06	1.13	1.11	3.89	ppb
Molybdenum	98-1	1.17	1.22	1.19	1.19	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.22	0.26	0.24	7.67	ppb
Phosphorus	31-2	-23.16	-26.63	-21.64	-23.81		ppb
Potassium	39-2	19.10	21.14	19.99	20.08	5.12	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	2.05	2.54	1.80	2.13	17.70	ppb
Selenium	78-2	2.06	1.53	2.03	1.88	15.89	ppb
Selenium	82-1	2.85	3.25	3.41	3.17	9.16	ppb
Silicon	28-1	0.54	0.38	0.54	0.49	18.57	ppb
Silver	109-1	0.23	0.25	0.24	0.24	4.41	ppb
Silver	107-1	0.24	0.26	0.24	0.25	3.80	ppb
Sodium	23-2	37.35	35.45	35.45	36.08	3.03	ppb
Strontium	86-1	0.22	0.23	0.21	0.22	5.00	ppb
Strontium	88-1	0.23	0.23	0.23	0.23	1.16	ppb
Sulfur	34-1	-436.59	-566.38	-501.84	-501.60		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.24	0.26	0.24	0.25	4.38	ppb
Thallium	205-1	0.25	0.25	0.25	0.25	0.55	ppb
Thorium	232-1	0.20	0.19	0.19	0.19	3.17	ppb
Tin	118-1	0.17	0.18	0.19	0.18	5.34	ppb
Titanium	47-1	1.14	1.10	1.06	1.10	3.67	ppb
Uranium	238-1	0.21	0.21	0.21	0.21	2.27	ppb
Vanadium	51-2	0.23	0.25	0.25	0.24	4.44	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:16:10	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.56	0.52	0.43	0.50	12.81	ppb
Zirconium	90-1	0.21	0.20	0.20	0.20	1.74	ppb
Zirconium	91-1	0.21	0.20	0.21	0.20	3.57	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-02 Instrumnet Name : P7
 Client Sample ID : LOQ-SOIL-02-QT3-2019 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:19:46 DataFile Name : 020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.73	36.83	38.44	38.67	5.07	ppb
Antimony	121-1	3.77	3.90	3.82	3.83	1.68	ppb
Arsenic	75-1	1.87	2.08	2.23	2.06	8.65	ppb
Barium	135-1	20.33	20.18	20.54	20.35	0.87	ppb
Barium	137-1	20.64	20.38	20.25	20.42	0.95	ppb
Beryllium	9-1	2.00	2.00	1.96	1.99	1.27	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	45.27	45.93	47.73	46.31	2.75	ppb
Boron	11-1	44.71	46.86	46.75	46.10	2.63	ppb
Cadmium	111-1	2.02	1.96	1.98	1.99	1.47	ppb
Cadmium	106-1	2.73	1.94	1.64	2.10	26.92	ppb
Cadmium	108-1	1.92	1.86	2.00	1.93	3.57	ppb
Calcium	43-1	1000.68	981.03	986.54	989.42	1.02	ppb
Calcium	44-1	983.12	982.67	973.10	979.63	0.58	ppb
Chromium	52-2	3.88	3.95	3.91	3.91	0.92	ppb
Cobalt	59-2	2.00	1.97	2.04	2.00	1.77	ppb
Copper	63-2	3.72	3.82	3.81	3.78	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	108.95	109.77	110.06	109.60	0.53	ppb
Iron	57-2	110.79	115.71	115.20	113.90	2.37	ppb
Krypton	83-1						cps
Lead	206-1	1.85	1.89	1.83	1.86	1.60	ppb
Lead	207-1	1.86	1.89	1.84	1.86	1.47	ppb
Lead	208-1	1.86	1.89	1.83	1.86	1.51	ppb
Lithium	6-1				102		%
Magnesium	24-2	1072.70	1066.82	1084.79	1074.77	0.85	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT3-2019	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:19:46	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.06	2.15	2.13	2.11	2.13	ppb
Molybdenum	94-1	9.48	9.13	9.28	9.29	1.92	ppb
Molybdenum	95-1	9.41	9.43	9.53	9.46	0.70	ppb
Molybdenum	96-1	9.35	9.30	9.34	9.33	0.31	ppb
Molybdenum	97-1	9.44	9.41	9.49	9.45	0.43	ppb
Molybdenum	98-1	9.43	9.41	9.37	9.40	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.23	2.12	2.16	2.17	2.58	ppb
Phosphorus	31-2	72.88	83.96	75.91	77.58	7.38	ppb
Potassium	39-2	1006.47	1002.08	1001.10	1003.22	0.29	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	9.93	10.36	9.60	9.97	3.83	ppb
Selenium	78-2	11.99	11.44	10.13	11.19	8.55	ppb
Selenium	82-1	11.42	11.25	11.10	11.26	1.40	ppb
Silicon	28-1	16.15	16.20	16.25	16.20	0.31	ppb
Silver	109-1	1.84	1.76	1.77	1.79	2.38	ppb
Silver	107-1	1.80	1.74	1.79	1.78	1.78	ppb
Sodium	23-2	1029.73	1036.25	1045.25	1037.08	0.75	ppb
Strontium	86-1	1.96	1.99	1.89	1.95	2.56	ppb
Strontium	88-1	1.96	1.93	1.96	1.95	1.01	ppb
Sulfur	34-1	-69.64	-131.51	-104.78	-101.97		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	1.84	1.86	1.87	1.86	0.74	ppb
Thallium	205-1	1.88	1.87	1.89	1.88	0.54	ppb
Thorium	232-1	1.66	1.64	1.63	1.64	0.78	ppb
Tin	118-1	10.18	10.14	10.16	10.16	0.21	ppb
Titanium	47-1	9.83	9.74	9.63	9.74	1.03	ppb
Uranium	238-1	1.72	1.78	1.71	1.74	1.99	ppb
Vanadium	51-2	10.07	10.08	10.28	10.14	1.13	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT3-2019	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:19:46	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.17	4.15	4.09	4.13	1.02	ppb
Zirconium	90-1	1.86	1.86	1.81	1.84	1.53	ppb
Zirconium	91-1	1.87	1.79	1.91	1.86	3.51	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:23:22 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.23	4.83	4.20	4.42	8.05	ppb
Antimony	121-1	0.22	0.21	0.22	0.22	0.78	ppb
Arsenic	75-1	0.27	0.21	0.01	0.16	82.85	ppb
Barium	135-1	1.21	1.19	1.21	1.20	1.00	ppb
Barium	137-1	1.22	1.15	1.14	1.17	3.61	ppb
Beryllium	9-1	0.23	0.25	0.22	0.23	5.85	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	5.07	5.92	5.11	5.37	8.95	ppb
Boron	11-1	5.13	4.97	4.81	4.97	3.27	ppb
Cadmium	111-1	0.35	0.28	0.28	0.30	12.47	ppb
Cadmium	106-1	1.57	0.65	0.92	1.05	45.25	ppb
Cadmium	108-1	0.25	0.22	0.34	0.27	23.41	ppb
Calcium	43-1	26.34	24.54	24.61	25.16	4.06	ppb
Calcium	44-1	23.24	23.15	23.61	23.33	1.05	ppb
Chromium	52-2	0.23	0.23	0.21	0.22	4.40	ppb
Cobalt	59-2	0.26	0.27	0.23	0.25	9.66	ppb
Copper	63-2	0.48	0.46	0.48	0.48	2.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	12.32	12.22	12.27	12.27	0.44	ppb
Iron	57-2	13.00	13.65	11.77	12.81	7.47	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.22	0.24	0.23	5.04	ppb
Lead	207-1	0.24	0.20	0.23	0.22	9.17	ppb
Lead	208-1	0.23	0.22	0.23	0.23	3.75	ppb
Lithium	6-1				101		%
Magnesium	24-2	24.97	24.76	26.84	25.53	4.48	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:23:22 DataFile Name : 021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.48	0.48	0.48	0.48	0.18	ppb
Molybdenum	94-1	1.20	1.11	1.10	1.14	5.08	ppb
Molybdenum	95-1	1.14	1.11	1.15	1.13	2.00	ppb
Molybdenum	96-1	1.07	1.10	1.12	1.10	2.30	ppb
Molybdenum	97-1	1.20	1.05	1.15	1.14	6.77	ppb
Molybdenum	98-1	1.12	1.13	1.08	1.11	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.23	0.25	0.24	4.13	ppb
Phosphorus	31-2	-26.72	-24.78	-22.05	-24.52		ppb
Potassium	39-2	18.79	19.60	18.28	18.89	3.51	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	3.78	2.51	1.52	2.60	43.61	ppb
Selenium	78-2	1.77	2.17	2.32	2.08	13.77	ppb
Selenium	82-1	3.52	2.16	3.09	2.92	23.80	ppb
Silicon	28-1	0.06	0.20	0.43	0.23	81.62	ppb
Silver	109-1	0.24	0.22	0.25	0.24	5.20	ppb
Silver	107-1	0.24	0.23	0.26	0.24	6.34	ppb
Sodium	23-2	34.10	34.05	32.96	33.70	1.91	ppb
Strontium	86-1	0.21	0.26	0.27	0.25	13.79	ppb
Strontium	88-1	0.22	0.23	0.23	0.23	2.22	ppb
Sulfur	34-1	-197.41	-179.39	-25.05	-133.95		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.24	0.24	0.23	0.24	2.30	ppb
Thallium	205-1	0.23	0.24	0.22	0.23	4.27	ppb
Thorium	232-1	0.19	0.20	0.19	0.19	2.46	ppb
Tin	118-1	0.21	0.21	0.21	0.21	0.22	ppb
Titanium	47-1	1.13	1.24	1.07	1.15	7.61	ppb
Uranium	238-1	0.20	0.20	0.20	0.20	1.06	ppb
Vanadium	51-2	0.22	0.20	0.21	0.21	4.82	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:23:22	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.52	0.51	0.46	0.50	6.98	ppb
Zirconium	90-1	0.19	0.22	0.21	0.21	7.69	ppb
Zirconium	91-1	0.26	0.20	0.22	0.23	12.86	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-08 Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-02-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:26:58 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.73	37.74	42.90	40.46	6.41	ppb
Antimony	121-1	3.82	3.99	3.93	3.91	2.12	ppb
Arsenic	75-1	1.76	2.24	1.69	1.90	15.55	ppb
Barium	135-1	20.88	20.71	20.80	20.80	0.40	ppb
Barium	137-1	20.58	21.14	20.75	20.83	1.37	ppb
Beryllium	9-1	1.94	1.99	1.99	1.97	1.59	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	46.73	48.81	49.25	48.27	2.78	ppb
Boron	11-1	47.88	47.75	49.10	48.24	1.55	ppb
Cadmium	111-1	2.08	1.98	2.05	2.04	2.63	ppb
Cadmium	106-1	3.11	2.56	2.73	2.80	9.99	ppb
Cadmium	108-1	2.11	2.04	2.18	2.11	3.34	ppb
Calcium	43-1	1002.88	1011.59	1012.50	1008.99	0.53	ppb
Calcium	44-1	997.08	992.79	1001.52	997.13	0.44	ppb
Chromium	52-2	3.99	3.92	3.96	3.96	0.90	ppb
Cobalt	59-2	2.03	2.07	2.05	2.05	1.16	ppb
Copper	63-2	3.86	3.87	3.89	3.87	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	110.71	111.91	112.09	111.57	0.67	ppb
Iron	57-2	114.43	110.15	114.62	113.07	2.23	ppb
Krypton	83-1						cps
Lead	206-1	1.87	1.83	1.87	1.85	1.30	ppb
Lead	207-1	1.87	1.87	1.84	1.86	0.87	ppb
Lead	208-1	1.89	1.86	1.86	1.87	0.89	ppb
Lithium	6-1				101		%
Magnesium	24-2	1078.66	1082.14	1086.35	1082.38	0.36	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:26:58	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.08	2.10	2.12	2.10	0.99	ppb
Molybdenum	94-1	9.50	9.56	9.57	9.55	0.41	ppb
Molybdenum	95-1	9.60	9.57	9.36	9.51	1.35	ppb
Molybdenum	96-1	9.59	9.59	9.29	9.49	1.85	ppb
Molybdenum	97-1	9.60	9.65	9.41	9.55	1.30	ppb
Molybdenum	98-1	9.49	9.59	9.57	9.55	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	2.12	2.10	2.13	1.70	ppb
Phosphorus	31-2	80.65	82.90	51.08	71.54	24.82	ppb
Potassium	39-2	1027.74	1020.73	1013.28	1020.58	0.71	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	8.70	9.99	9.74	9.48	7.23	ppb
Selenium	78-2	12.26	11.58	11.08	11.64	5.10	ppb
Selenium	82-1	12.68	11.29	11.31	11.76	6.81	ppb
Silicon	28-1	16.44	16.33	15.94	16.24	1.62	ppb
Silver	109-1	1.81	1.82	1.80	1.81	0.64	ppb
Silver	107-1	1.83	1.82	1.78	1.81	1.28	ppb
Sodium	23-2	1039.17	1039.65	1040.75	1039.85	0.08	ppb
Strontium	86-1	1.96	2.06	2.04	2.02	2.58	ppb
Strontium	88-1	1.99	2.02	2.01	2.01	0.73	ppb
Sulfur	34-1	-12.60	-179.84	-123.34	-105.26		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	1.88	1.88	1.96	1.91	2.35	ppb
Thallium	205-1	1.87	1.89	1.88	1.88	0.39	ppb
Thorium	232-1	1.68	1.65	1.66	1.66	0.93	ppb
Tin	118-1	10.51	10.40	10.44	10.45	0.54	ppb
Titanium	47-1	10.37	10.17	10.34	10.29	1.01	ppb
Uranium	238-1	1.79	1.72	1.76	1.75	1.95	ppb
Vanadium	51-2	10.34	10.48	10.44	10.42	0.71	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:26:58	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.10	4.17	4.22	4.16	1.44	ppb
Zirconium	90-1	1.88	1.79	1.84	1.84	2.29	ppb
Zirconium	91-1	1.89	1.95	1.87	1.91	2.27	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:30:35 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.65	5.18	4.85	4.89	5.52	ppb
Antimony	121-1	0.20	0.22	0.23	0.22	7.47	ppb
Arsenic	75-1	0.33	0.33	0.12	0.26	45.69	ppb
Barium	135-1	1.16	1.14	1.30	1.20	7.18	ppb
Barium	137-1	1.15	1.13	1.18	1.15	2.38	ppb
Beryllium	9-1	0.22	0.24	0.24	0.24	4.23	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	5.26	5.90	5.30	5.49	6.55	ppb
Boron	11-1	5.53	5.30	5.00	5.28	5.06	ppb
Cadmium	111-1	0.25	0.32	0.26	0.28	14.04	ppb
Cadmium	106-1	0.50	1.53	0.39	0.81	77.40	ppb
Cadmium	108-1	0.16	0.25	0.27	0.23	26.90	ppb
Calcium	43-1	19.55	22.20	23.86	21.87	9.94	ppb
Calcium	44-1	22.43	21.65	24.97	23.02	7.55	ppb
Chromium	52-2	0.22	0.24	0.25	0.24	6.03	ppb
Cobalt	59-2	0.25	0.25	0.25	0.25	0.82	ppb
Copper	63-2	0.51	0.51	0.53	0.52	2.59	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				104		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	12.39	12.29	13.26	12.64	4.22	ppb
Iron	57-2	11.50	13.85	11.61	12.32	10.76	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.21	0.22	0.22	4.81	ppb
Lead	207-1	0.22	0.22	0.21	0.22	2.32	ppb
Lead	208-1	0.23	0.22	0.22	0.22	2.23	ppb
Lithium	6-1				101		%
Magnesium	24-2	25.01	25.81	26.52	25.78	2.94	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:30:35	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.46	0.47	0.49	0.47	3.14	ppb
Molybdenum	94-1	1.11	1.12	1.19	1.14	3.79	ppb
Molybdenum	95-1	1.13	1.16	1.14	1.14	1.07	ppb
Molybdenum	96-1	1.11	1.21	1.16	1.16	4.05	ppb
Molybdenum	97-1	1.15	1.06	1.10	1.10	4.11	ppb
Molybdenum	98-1	1.12	1.13	1.17	1.14	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.21	0.25	0.23	8.99	ppb
Phosphorus	31-2	-25.74	-18.77	-18.95	-21.15		ppb
Potassium	39-2	20.18	14.54	24.47	19.73	25.24	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	1.26	1.51	2.14	1.64	27.71	ppb
Selenium	78-2	2.10	1.88	2.20	2.06	8.01	ppb
Selenium	82-1	1.91	3.01	2.86	2.60	23.08	ppb
Silicon	28-1	0.20	0.22	0.16	0.19	15.23	ppb
Silver	109-1	0.23	0.24	0.23	0.23	2.75	ppb
Silver	107-1	0.23	0.24	0.24	0.23	2.71	ppb
Sodium	23-2	33.71	31.99	39.88	35.19	11.78	ppb
Strontium	86-1	0.18	0.24	0.17	0.20	20.61	ppb
Strontium	88-1	0.22	0.22	0.23	0.22	2.67	ppb
Sulfur	34-1	-193.67	-308.54	-216.99	-239.74		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.24	0.24	0.24	0.24	0.75	ppb
Thallium	205-1	0.23	0.23	0.23	0.23	0.56	ppb
Thorium	232-1	0.19	0.19	0.20	0.19	2.62	ppb
Tin	118-1	0.22	0.20	0.19	0.20	8.14	ppb
Titanium	47-1	1.06	1.10	1.21	1.12	6.86	ppb
Uranium	238-1	0.20	0.20	0.21	0.20	3.11	ppb
Vanadium	51-2	0.23	0.23	0.24	0.24	3.11	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:30:35	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.51	0.47	0.53	0.50	5.79	ppb
Zirconium	90-1	0.21	0.21	0.21	0.21	0.51	ppb
Zirconium	91-1	0.25	0.18	0.22	0.22	17.65	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-08RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:34:12	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.30	40.55	40.12	38.99	6.01	ppb
Antimony	121-1	3.83	3.86	3.87	3.86	0.49	ppb
Arsenic	75-1	2.09	2.20	2.20	2.17	2.98	ppb
Barium	135-1	20.40	20.54	20.59	20.51	0.47	ppb
Barium	137-1	20.15	20.36	20.70	20.40	1.35	ppb
Beryllium	9-1	1.99	1.96	2.01	1.98	1.30	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	47.73	46.62	48.27	47.54	1.77	ppb
Boron	11-1	46.94	48.46	48.47	47.96	1.83	ppb
Cadmium	111-1	2.00	2.10	1.96	2.02	3.53	ppb
Cadmium	106-1	1.96	2.45	1.30	1.90	30.25	ppb
Cadmium	108-1	2.06	2.07	1.89	2.01	5.05	ppb
Calcium	43-1	970.47	992.13	999.27	987.29	1.52	ppb
Calcium	44-1	979.78	988.92	985.38	984.70	0.47	ppb
Chromium	52-2	4.14	3.89	4.03	4.02	3.06	ppb
Cobalt	59-2	2.04	2.04	2.03	2.04	0.30	ppb
Copper	63-2	3.81	3.79	3.96	3.85	2.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	112.05	110.29	110.36	110.90	0.90	ppb
Iron	57-2	114.23	114.51	112.98	113.91	0.72	ppb
Krypton	83-1						cps
Lead	206-1	1.89	1.88	1.89	1.89	0.31	ppb
Lead	207-1	1.88	1.81	1.82	1.84	2.00	ppb
Lead	208-1	1.87	1.86	1.86	1.86	0.27	ppb
Lithium	6-1				102		%
Magnesium	24-2	1080.22	1075.00	1083.15	1079.45	0.38	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-08RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:34:12	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.15	2.15	2.15	2.15	0.16	ppb
Molybdenum	94-1	9.25	9.54	9.40	9.40	1.59	ppb
Molybdenum	95-1	9.51	9.38	9.63	9.51	1.27	ppb
Molybdenum	96-1	9.47	9.21	9.58	9.42	1.98	ppb
Molybdenum	97-1	9.52	9.37	9.32	9.40	1.12	ppb
Molybdenum	98-1	9.49	9.23	9.53	9.41	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	2.22	2.09	2.16	3.02	ppb
Phosphorus	31-2	59.82	69.29	47.00	58.70	19.05	ppb
Potassium	39-2	1024.27	1018.09	1018.90	1020.42	0.33	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	11.18	9.16	11.95	10.77	13.37	ppb
Selenium	78-2	11.84	11.35	11.33	11.51	2.50	ppb
Selenium	82-1	11.56	10.56	12.11	11.41	6.90	ppb
Silicon	28-1	15.62	16.02	16.13	15.92	1.71	ppb
Silver	109-1	1.81	1.82	1.83	1.82	0.44	ppb
Silver	107-1	1.76	1.71	1.85	1.78	3.85	ppb
Sodium	23-2	1042.46	1035.92	1045.79	1041.39	0.48	ppb
Strontium	86-1	1.93	1.96	1.91	1.94	1.29	ppb
Strontium	88-1	1.94	1.98	1.99	1.97	1.43	ppb
Sulfur	34-1	-198.78	-161.19	-164.35	-174.77		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	1.87	1.88	1.89	1.88	0.51	ppb
Thallium	205-1	1.91	1.87	1.91	1.90	1.18	ppb
Thorium	232-1	1.67	1.66	1.64	1.66	0.93	ppb
Tin	118-1	10.18	10.25	10.28	10.24	0.49	ppb
Titanium	47-1	9.81	9.67	10.00	9.83	1.67	ppb
Uranium	238-1	1.76	1.74	1.79	1.76	1.47	ppb
Vanadium	51-2	10.36	10.23	10.32	10.31	0.62	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-08RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:34:12	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3.98	4.23	4.18	4.13	3.22	ppb
Zirconium	90-1	1.86	1.88	1.83	1.86	1.17	ppb
Zirconium	91-1	1.85	1.79	1.82	1.82	1.53	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : PB121876BL Instrumnet Name : P7
 Client Sample ID : PB121876BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:37:48 DataFile Name : 025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	0.16	-0.07	0.16	141.03	ppb
Antimony	121-1	-0.01	-0.01	0.00	-0.01		ppb
Arsenic	75-1	-0.03	-0.11	-0.03	-0.06		ppb
Barium	135-1	0.01	0.01	0.01	0.01	33.75	ppb
Barium	137-1	0.00	0.00	0.01	0.00	78.04	ppb
Beryllium	9-1	0.00	0.00	0.02	0.01	189.80	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	3.93	3.74	3.92	3.86	2.81	ppb
Boron	11-1	3.81	3.80	3.42	3.68	6.01	ppb
Cadmium	111-1	-0.01	0.03	0.04	0.02	133.18	ppb
Cadmium	106-1	-0.12	0.25	0.61	0.25	146.38	ppb
Cadmium	108-1	0.00	-0.03	0.00	-0.01		ppb
Calcium	43-1	-0.44	-0.27	0.12	-0.19		ppb
Calcium	44-1	-0.42	-0.76	0.26	-0.30		ppb
Chromium	52-2	-0.01	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	137.03	ppb
Copper	63-2	0.02	0.03	0.04	0.03	26.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	0.09	0.05	0.06	0.07	30.77	ppb
Iron	57-2	0.30	-0.44	0.24	0.03	1261.31	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	148.53	ppb
Lead	207-1	0.00	0.00	0.00	0.00		ppb
Lead	208-1	0.00	0.01	0.00	0.00	68.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.29	0.21	0.28	0.26	16.19	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : PB121876BL Instrumnet Name : P7
 Client Sample ID : PB121876BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:37:48 DataFile Name : 025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.05	0.01	0.02	0.03	61.35	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	45.49	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	46.96	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	54.49	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	41.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-35.30	-28.14	-35.39	-32.94		ppb
Potassium	39-2	6.88	5.80	3.26	5.31	35.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	0.25	0.00	0.00	0.08	173.21	ppb
Selenium	78-2	-0.42	0.07	0.17	-0.06		ppb
Selenium	82-1	0.85	1.01	-0.37	0.49	153.11	ppb
Silicon	28-1	0.14	0.17	-0.01	0.10	93.53	ppb
Silver	109-1	0.00	0.00	0.00	0.00	43.94	ppb
Silver	107-1	0.00	0.01	0.01	0.01	24.04	ppb
Sodium	23-2	5.95	6.62	5.46	6.01	9.61	ppb
Strontium	86-1	-0.03	-0.06	0.07	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	18.21	ppb
Sulfur	34-1	-157.00	-153.03	-117.56	-142.53		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.01	0.01	15.20	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.59	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	36.13	ppb
Tin	118-1	-0.04	-0.03	-0.04	-0.04		ppb
Titanium	47-1	0.03	-0.01	0.03	0.02	109.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121876BL	Instrumnet Name :	P7
Client Sample ID :	PB121876BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:37:48	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.08	-0.04	-0.02	-0.05		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	32.37	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	17.80	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121876BS	Instrumnet Name :	P7
Client Sample ID :	PB121876BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:41:26	DataFile Name :	026LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10077.44	9946.85	9994.44	10006.25	0.66	ppb
Antimony	121-1	501.96	505.03	499.75	502.25	0.53	ppb
Arsenic	75-1	503.61	508.29	506.62	506.17	0.47	ppb
Barium	135-1	2511.06	2510.03	2491.52	2504.20	0.44	ppb
Barium	137-1	2497.15	2515.52	2499.41	2504.02	0.40	ppb
Beryllium	9-1	502.49	499.93	500.10	500.84	0.29	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	470.05	475.30	489.17	478.17	2.07	ppb
Boron	11-1	457.86	474.16	492.85	474.96	3.69	ppb
Cadmium	111-1	482.37	486.91	480.17	483.15	0.71	ppb
Cadmium	106-1	483.89	493.86	489.27	489.01	1.02	ppb
Cadmium	108-1	488.17	494.38	485.62	489.39	0.92	ppb
Calcium	43-1	51562.02	52128.46	51727.91	51806.13	0.56	ppb
Calcium	44-1	51471.99	51443.75	51534.33	51483.36	0.09	ppb
Chromium	52-2	501.30	500.40	496.75	499.49	0.48	ppb
Cobalt	59-2	510.24	506.81	500.79	505.95	0.95	ppb
Copper	63-2	939.26	929.20	923.73	930.73	0.85	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				99		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	26728.55	26593.82	26319.70	26547.35	0.78	ppb
Iron	57-2	26705.55	26516.15	26381.40	26534.37	0.61	ppb
Krypton	83-1						cps
Lead	206-1	493.63	502.52	498.13	498.10	0.89	ppb
Lead	207-1	495.89	505.66	494.98	498.85	1.19	ppb
Lead	208-1	493.87	503.51	494.72	497.37	1.07	ppb
Lithium	6-1				92		%
Magnesium	24-2	53724.79	53136.09	53303.08	53387.99	0.57	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121876BS	Instrumnet Name :	P7
Client Sample ID :	PB121876BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:41:26	DataFile Name :	026LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1004.02	1005.66	995.92	1001.87	0.52	ppb
Molybdenum	94-1	2484.69	2466.68	2478.75	2476.71	0.37	ppb
Molybdenum	95-1	2466.84	2475.36	2486.40	2476.20	0.40	ppb
Molybdenum	96-1	2469.36	2494.24	2477.80	2480.47	0.51	ppb
Molybdenum	97-1	2498.33	2477.35	2491.70	2489.13	0.43	ppb
Molybdenum	98-1	2493.52	2472.63	2471.69	2479.28	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.34	509.67	502.71	508.91	1.15	ppb
Phosphorus	31-2	10060.54	9860.08	10041.40	9987.34	1.11	ppb
Potassium	39-2	25629.17	25473.36	25336.95	25479.83	0.57	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	497.39	498.69	504.16	500.08	0.72	ppb
Selenium	78-2	516.91	501.83	510.45	509.73	1.48	ppb
Selenium	82-1	513.09	510.05	511.86	511.67	0.30	ppb
Silicon	28-1	473.12	486.63	472.23	477.33	1.69	ppb
Silver	109-1	487.68	490.64	483.79	487.37	0.71	ppb
Silver	107-1	486.77	489.64	484.05	486.82	0.57	ppb
Sodium	23-2	53013.22	52333.50	52375.95	52574.22	0.72	ppb
Strontium	86-1	497.69	497.19	496.49	497.12	0.12	ppb
Strontium	88-1	501.47	498.80	497.59	499.29	0.40	ppb
Sulfur	34-1	10025.36	10126.33	9961.76	10037.81	0.83	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	491.87	500.85	493.63	495.45	0.96	ppb
Thallium	205-1	493.38	499.85	495.53	496.25	0.66	ppb
Thorium	232-1	486.66	486.94	489.88	487.82	0.37	ppb
Tin	118-1	504.62	504.73	498.20	502.52	0.74	ppb
Titanium	47-1	2462.08	2478.83	2478.73	2473.21	0.39	ppb
Uranium	238-1	487.08	491.80	492.66	490.51	0.61	ppb
Vanadium	51-2	500.95	495.98	491.80	496.24	0.92	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121876BS	Instrumnet Name :	P7
Client Sample ID :	PB121876BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:41:26	DataFile Name :	026LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	991.53	988.23	978.50	986.08	0.69	ppb
Zirconium	90-1	498.38	494.15	499.41	497.31	0.56	ppb
Zirconium	91-1	493.83	494.80	496.14	494.92	0.23	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:47:10	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53956.39	53930.49	53648.28	53845.06	0.32	ppb
Antimony	121-1	498.81	487.79	486.13	490.91	1.40	ppb
Arsenic	75-1	524.17	517.61	512.76	518.18	1.11	ppb
Barium	135-1	2534.79	2504.06	2480.18	2506.35	1.09	ppb
Barium	137-1	2553.90	2489.71	2503.73	2515.78	1.34	ppb
Beryllium	9-1	505.59	498.08	498.74	500.80	0.83	ppb
Bismuth	209-1				84		%
Bismuth	209-2				83		%
Boron	10-1	497.59	500.77	505.71	501.36	0.82	ppb
Boron	11-1	498.21	499.00	509.73	502.31	1.28	ppb
Cadmium	111-1	527.85	524.20	518.78	523.61	0.87	ppb
Cadmium	106-1	523.74	517.14	522.18	521.02	0.66	ppb
Cadmium	108-1	527.77	524.31	516.16	522.75	1.14	ppb
Calcium	43-1	253337.66	245850.70	244698.11	247962.15	1.89	ppb
Calcium	44-1	252486.36	243153.44	243911.39	246517.07	2.10	ppb
Chromium	52-2	501.42	503.19	496.81	500.47	0.66	ppb
Cobalt	59-2	490.64	493.53	485.18	489.78	0.87	ppb
Copper	63-2	1000.38	1006.80	987.96	998.38	0.96	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				94		%
Indium	115-1				86		%
Indium	115-2				89		%
Iron	56-2	126591.84	127346.64	124969.04	126302.51	0.96	ppb
Iron	57-2	127354.18	127242.42	126294.12	126963.57	0.46	ppb
Krypton	83-1						cps
Lead	206-1	526.20	517.01	515.63	519.61	1.11	ppb
Lead	207-1	523.20	514.28	516.04	517.84	0.91	ppb
Lead	208-1	524.81	512.11	512.65	516.52	1.39	ppb
Lithium	6-1				85		%
Magnesium	24-2	255814.03	256169.44	253473.00	255152.16	0.57	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:47:10	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	980.56	982.58	975.05	979.40	0.40	ppb
Molybdenum	94-1	2578.29	2528.05	2494.37	2533.57	1.67	ppb
Molybdenum	95-1	2569.94	2541.67	2516.35	2542.65	1.05	ppb
Molybdenum	96-1	2571.43	2538.29	2505.51	2538.41	1.30	ppb
Molybdenum	97-1	2568.26	2521.79	2486.49	2525.52	1.62	ppb
Molybdenum	98-1	2563.43	2513.63	2495.23	2524.10	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.20	490.25	480.77	486.41	1.03	ppb
Phosphorus	31-2	9849.76	9929.36	9605.27	9794.80	1.72	ppb
Potassium	39-2	126981.56	127452.47	126269.48	126901.17	0.47	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				93		%
Selenium	77-2	503.80	481.60	483.03	489.48	2.54	ppb
Selenium	78-2	494.67	483.49	491.40	489.85	1.17	ppb
Selenium	82-1	500.29	495.43	487.91	494.54	1.26	ppb
Silicon	28-1	512.51	516.73	522.01	517.08	0.92	ppb
Silver	109-1	509.29	502.91	489.64	500.61	2.00	ppb
Silver	107-1	508.32	500.04	493.86	500.74	1.45	ppb
Sodium	23-2	253841.00	253645.06	250191.52	252559.19	0.81	ppb
Strontium	86-1	506.48	508.23	500.76	505.16	0.77	ppb
Strontium	88-1	509.75	508.19	501.11	506.35	0.91	ppb
Sulfur	34-1	10228.94	9853.69	9982.86	10021.83	1.90	ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	528.44	511.29	512.60	517.44	1.85	ppb
Thallium	205-1	528.00	515.18	517.78	520.32	1.30	ppb
Thorium	232-1	537.70	524.55	523.45	528.57	1.50	ppb
Tin	118-1	503.38	493.11	486.99	494.50	1.67	ppb
Titanium	47-1	2549.84	2507.97	2474.20	2510.67	1.51	ppb
Uranium	238-1	547.00	531.92	522.58	533.83	2.31	ppb
Vanadium	51-2	499.73	497.59	494.66	497.33	0.51	ppb
Yttrium	89-1				89		%
Yttrium	89-2				92		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:47:10	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	974.77	982.50	974.18	977.15	0.47	ppb
Zirconium	90-1	511.98	501.69	490.94	501.54	2.10	ppb
Zirconium	91-1	511.56	501.49	494.44	502.50	1.71	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : CCB27 Instrumnet Name : P7
 Client Sample ID : CCB27 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:56:20 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.11	1.46	1.50	1.36	15.59	ppb
Antimony	121-1	0.16	0.17	0.18	0.17	5.97	ppb
Arsenic	75-1	-0.06	-0.06	-0.04	-0.05		ppb
Barium	135-1	0.09	0.11	0.11	0.10	9.33	ppb
Barium	137-1	0.09	0.09	0.10	0.09	7.21	ppb
Beryllium	9-1	0.04	0.06	0.05	0.05	22.89	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	10.34	10.77	9.87	10.33	4.40	ppb
Boron	11-1	10.55	10.01	9.62	10.06	4.64	ppb
Cadmium	111-1	-0.05	0.00	-0.05	-0.03		ppb
Cadmium	106-1	-0.99	-0.21	-0.90	-0.70		ppb
Cadmium	108-1	0.02	0.04	0.07	0.04	63.52	ppb
Calcium	43-1	9.80	11.21	9.55	10.19	8.77	ppb
Calcium	44-1	9.59	10.39	10.18	10.05	4.09	ppb
Chromium	52-2	0.03	0.02	0.02	0.02	28.29	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	15.67	ppb
Copper	63-2	0.06	0.06	0.06	0.06	5.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	3.85	3.97	3.77	3.86	2.60	ppb
Iron	57-2	3.55	3.06	3.83	3.48	11.11	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.04	0.03	19.03	ppb
Lead	207-1	0.04	0.03	0.04	0.03	21.57	ppb
Lead	208-1	0.04	0.04	0.04	0.04	2.68	ppb
Lithium	6-1				98		%
Magnesium	24-2	7.90	7.34	7.62	7.62	3.72	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:56:20	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.03	0.02	0.03	17.15	ppb
Molybdenum	94-1	0.21	0.22	0.24	0.23	6.93	ppb
Molybdenum	95-1	0.25	0.24	0.27	0.25	6.32	ppb
Molybdenum	96-1	0.25	0.24	0.24	0.24	2.52	ppb
Molybdenum	97-1	0.27	0.26	0.25	0.26	3.97	ppb
Molybdenum	98-1	0.28	0.25	0.24	0.26	7.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.02	0.00	376.94	ppb
Phosphorus	31-2	-28.83	-21.60	-41.27	-30.57		ppb
Potassium	39-2	22.90	20.11	20.23	21.08	7.49	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	0.26	0.00	0.00	0.09	173.21	ppb
Selenium	78-2	-0.19	-0.49	0.52	-0.06		ppb
Selenium	82-1	1.11	0.55	0.29	0.65	64.51	ppb
Silicon	28-1	0.29	0.18	0.46	0.31	45.53	ppb
Silver	109-1	0.03	0.02	0.02	0.02	4.51	ppb
Silver	107-1	0.03	0.03	0.02	0.03	14.25	ppb
Sodium	23-2	30.05	26.55	26.49	27.70	7.34	ppb
Strontium	86-1	0.04	0.06	0.04	0.04	28.96	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	10.57	ppb
Sulfur	34-1	-543.18	-516.14	-402.61	-487.31		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.04	0.05	0.05	10.18	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	4.40	ppb
Thorium	232-1	0.07	0.06	0.06	0.06	7.07	ppb
Tin	118-1	0.05	0.04	0.06	0.05	20.67	ppb
Titanium	47-1	0.17	0.12	0.11	0.13	23.40	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	18.18	ppb
Vanadium	51-2	0.02	0.02	0.01	0.01	50.58	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:56:20	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.07	0.06	0.03	0.05	36.34	ppb
Zirconium	90-1	0.04	0.05	0.03	0.04	17.63	ppb
Zirconium	91-1	0.05	0.04	0.04	0.04	20.69	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121877BL	Instrumnet Name :	P7
Client Sample ID :	PB121877BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:59:56	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.57	0.58	0.34	0.50	27.69	ppb
Antimony	121-1	0.02	0.03	0.02	0.03	27.48	ppb
Arsenic	75-1	0.05	-0.04	0.00	0.00	1195.49	ppb
Barium	135-1	0.01	0.00	0.02	0.01	80.32	ppb
Barium	137-1	0.00	0.01	0.00	0.00	292.44	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	14.77	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	7.76	6.71	6.70	7.06	8.67	ppb
Boron	11-1	6.83	6.88	6.61	6.77	2.09	ppb
Cadmium	111-1	0.01	0.00	-0.01	0.00	555.58	ppb
Cadmium	106-1	0.03	0.01	-0.17	-0.05		ppb
Cadmium	108-1	0.00	0.05	0.01	0.02	170.27	ppb
Calcium	43-1	1.25	0.50	1.07	0.94	41.56	ppb
Calcium	44-1	1.08	0.26	1.31	0.88	62.68	ppb
Chromium	52-2	-0.01	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	13.46	ppb
Copper	63-2	0.01	0.04	0.04	0.03	57.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	0.25	0.24	0.21	0.23	8.00	ppb
Iron	57-2	-0.38	0.03	0.65	0.10	519.24	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	20.30	ppb
Lead	207-1	0.01	-0.01	-0.01	0.00		ppb
Lead	208-1	0.01	0.01	0.01	0.01	15.79	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.37	0.65	0.29	0.44	43.75	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121877BL	Instrumnet Name :	P7
Client Sample ID :	PB121877BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:59:56	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.00	0.00	70.86	ppb
Molybdenum	94-1	0.08	0.08	0.09	0.08	7.89	ppb
Molybdenum	95-1	0.10	0.09	0.10	0.09	4.37	ppb
Molybdenum	96-1	0.11	0.08	0.07	0.08	22.70	ppb
Molybdenum	97-1	0.11	0.11	0.07	0.10	22.64	ppb
Molybdenum	98-1	0.10	0.09	0.09	0.09	9.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.01	0.00	3687.53	ppb
Phosphorus	31-2	-40.06	-35.10	-29.28	-34.81		ppb
Potassium	39-2	12.53	12.44	9.06	11.34	17.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.29	-0.12	-0.09	-0.16		ppb
Selenium	82-1	0.22	1.42	0.26	0.63	107.72	ppb
Silicon	28-1	0.28	0.18	-0.13	0.11	197.35	ppb
Silver	109-1	0.01	0.00	0.00	0.00	28.56	ppb
Silver	107-1	0.01	0.00	0.01	0.01	32.51	ppb
Sodium	23-2	17.41	18.08	18.55	18.01	3.20	ppb
Strontium	86-1	-0.03	-0.12	-0.05	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	6.87	ppb
Sulfur	34-1	-454.46	-422.98	-419.85	-432.43		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.02	0.02	18.54	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.16	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	14.74	ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.06	0.03	0.05	0.05	28.18	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121877BL	Instrumnet Name :	P7
Client Sample ID :	PB121877BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:59:56	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	-0.02	0.01	0.00		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	9.86	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	46.32	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121877BS	Instrumnet Name :	P7
Client Sample ID :	PB121877BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:03:32	DataFile Name :	030LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10014.93	9982.02	10134.84	10043.93	0.80	ppb
Antimony	121-1	503.65	404.24	501.63	469.84	12.09	ppb
Arsenic	75-1	511.28	408.78	514.06	478.04	12.55	ppb
Barium	135-1	2498.99	2008.75	2513.96	2340.57	12.28	ppb
Barium	137-1	2502.88	2008.84	2524.87	2345.53	12.44	ppb
Beryllium	9-1	500.94	412.94	505.87	473.25	11.05	ppb
Bismuth	209-1				101		%
Bismuth	209-2				93		%
Boron	10-1	469.01	391.49	492.78	451.09	11.74	ppb
Boron	11-1	476.07	396.72	496.60	456.46	11.56	ppb
Cadmium	111-1	483.66	385.50	486.52	451.89	12.73	ppb
Cadmium	106-1	491.83	392.69	494.98	459.83	12.65	ppb
Cadmium	108-1	490.32	394.83	490.10	458.42	12.01	ppb
Calcium	43-1	51657.83	40997.28	52344.28	48333.13	13.16	ppb
Calcium	44-1	51330.53	40811.25	51872.77	48004.85	12.99	ppb
Chromium	52-2	501.31	501.24	507.01	503.19	0.66	ppb
Cobalt	59-2	505.56	506.92	514.79	509.09	0.98	ppb
Copper	63-2	927.43	928.54	951.48	935.82	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	26487.31	26591.72	26865.07	26648.03	0.73	ppb
Iron	57-2	26518.47	26474.65	26931.26	26641.46	0.95	ppb
Krypton	83-1						cps
Lead	206-1	498.72	399.54	505.49	467.92	12.67	ppb
Lead	207-1	497.68	399.78	508.56	468.67	12.78	ppb
Lead	208-1	497.64	400.39	504.18	467.41	12.44	ppb
Lithium	6-1				97		%
Magnesium	24-2	53082.01	52849.13	53844.57	53258.57	0.98	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121877BS	Instrumnet Name :	P7
Client Sample ID :	PB121877BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:03:32	DataFile Name :	030LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1005.21	1004.50	1016.64	1008.78	0.68	ppb
Molybdenum	94-1	2502.94	1985.63	2519.54	2336.03	13.00	ppb
Molybdenum	95-1	2498.03	1984.63	2520.43	2334.37	12.98	ppb
Molybdenum	96-1	2494.88	1986.29	2524.52	2335.23	12.96	ppb
Molybdenum	97-1	2488.39	1979.84	2506.71	2324.98	12.86	ppb
Molybdenum	98-1	2494.45	1981.84	2521.16	2332.49	13.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.12	509.63	516.55	511.43	0.88	ppb
Phosphorus	31-2	10159.49	10184.51	10413.72	10252.57	1.37	ppb
Potassium	39-2	25629.94	25712.10	25875.11	25739.05	0.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	505.74	527.19	507.30	513.41	2.33	ppb
Selenium	78-2	511.91	513.91	522.91	516.24	1.14	ppb
Selenium	82-1	510.79	406.71	521.22	479.57	13.20	ppb
Silicon	28-1	489.96	394.44	507.59	464.00	13.12	ppb
Silver	109-1	491.08	393.06	490.23	458.12	12.30	ppb
Silver	107-1	488.65	392.50	490.68	457.28	12.27	ppb
Sodium	23-2	52325.29	52290.95	52919.84	52512.03	0.67	ppb
Strontium	86-1	498.62	398.72	507.30	468.21	12.89	ppb
Strontium	88-1	496.58	397.65	502.07	465.43	12.63	ppb
Sulfur	34-1	9979.86	6425.82	10022.33	8809.34	23.43	ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	499.63	402.04	503.63	468.43	12.28	ppb
Thallium	205-1	496.52	399.75	501.29	465.85	12.30	ppb
Thorium	232-1	488.82	390.95	489.99	456.59	12.45	ppb
Tin	118-1	504.26	401.23	499.40	468.30	12.41	ppb
Titanium	47-1	2487.60	1970.81	2499.54	2319.32	13.02	ppb
Uranium	238-1	494.64	395.19	500.40	463.41	12.76	ppb
Vanadium	51-2	499.10	499.94	509.45	502.83	1.14	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121877BS	Instrumnet Name :	P7
Client Sample ID :	PB121877BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:03:32	DataFile Name :	030LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	973.89	976.85	993.79	981.51	1.09	ppb
Zirconium	90-1	499.49	396.39	500.29	465.39	12.84	ppb
Zirconium	91-1	498.35	397.00	505.18	466.84	12.98	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : PB121878BL Instrumnet Name : P7
 Client Sample ID : PB121878BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 17:15:43 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	0.06	0.35	0.22	69.01	ppb
Antimony	121-1	0.08	0.10	0.10	0.10	10.06	ppb
Arsenic	75-1	0.10	0.04	0.04	0.06	64.36	ppb
Barium	135-1	0.01	0.01	0.01	0.01	41.41	ppb
Barium	137-1	0.01	0.01	0.02	0.01	23.11	ppb
Beryllium	9-1	0.04	0.01	0.02	0.02	53.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	6.44	6.29	7.28	6.67	7.98	ppb
Boron	11-1	6.66	6.60	6.48	6.58	1.37	ppb
Cadmium	111-1	-0.08	0.03	-0.09	-0.04		ppb
Cadmium	106-1	-1.11	0.37	-1.23	-0.65		ppb
Cadmium	108-1	0.00	0.00	-0.01	-0.01		ppb
Calcium	43-1	1.35	-0.72	-0.14	0.16	659.20	ppb
Calcium	44-1	0.03	1.90	0.28	0.74	137.58	ppb
Chromium	52-2	0.00	-0.02	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	86.15	ppb
Copper	63-2	0.05	0.04	0.03	0.04	20.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	0.14	0.17	0.13	0.15	14.87	ppb
Iron	57-2	0.28	0.23	0.11	0.21	42.25	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	83.05	ppb
Lead	207-1	0.01	0.01	0.01	0.01	12.33	ppb
Lead	208-1	0.01	0.01	0.01	0.01	41.31	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.57	0.41	0.53	0.50	16.96	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : PB121878BL Instrumnet Name : P7
 Client Sample ID : PB121878BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 17:15:43 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.01	0.01	79.01	ppb
Molybdenum	94-1	0.07	0.11	0.08	0.09	24.22	ppb
Molybdenum	95-1	0.08	0.08	0.08	0.08	0.74	ppb
Molybdenum	96-1	0.09	0.09	0.08	0.09	10.40	ppb
Molybdenum	97-1	0.11	0.08	0.10	0.10	16.10	ppb
Molybdenum	98-1	0.09	0.10	0.08	0.09	13.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	-0.01	0.01	194.92	ppb
Phosphorus	31-2	-26.27	-36.03	-31.11	-31.14		ppb
Potassium	39-2	6.44	6.91	7.06	6.80	4.75	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.14	0.37	-0.06	0.06	481.62	ppb
Selenium	82-1	0.54	0.17	0.61	0.44	53.26	ppb
Silicon	28-1	0.01	-0.15	0.24	0.03	582.57	ppb
Silver	109-1	0.01	0.00	0.00	0.01	39.50	ppb
Silver	107-1	0.01	0.01	0.01	0.01	37.19	ppb
Sodium	23-2	13.41	13.53	12.67	13.20	3.54	ppb
Strontium	86-1	-0.05	0.02	-0.06	-0.03		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	30.62	ppb
Sulfur	34-1	-468.57	-385.70	-388.84	-414.37		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.02	0.02	19.15	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	19.42	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	4.58	ppb
Tin	118-1	-0.03	-0.03	-0.02	-0.03		ppb
Titanium	47-1	0.04	0.07	0.04	0.05	32.67	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	198.37	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	246.90	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121878BL	Instrumnet Name :	P7
Client Sample ID :	PB121878BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:15:43	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	0.03	0.01	0.01	563.13	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	17.83	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	365.69	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121878BS	Instrumnet Name :	P7
Client Sample ID :	PB121878BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:19:20	DataFile Name :	032DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10006.92	9944.71	9732.70	9894.78	1.45	ppb
Antimony	121-1	500.44	492.57	497.79	496.93	0.81	ppb
Arsenic	75-1	498.48	503.70	503.69	501.96	0.60	ppb
Barium	135-1	2497.53	2470.07	2497.12	2488.24	0.63	ppb
Barium	137-1	2496.09	2459.22	2496.67	2483.99	0.86	ppb
Beryllium	9-1	504.27	501.20	502.29	502.59	0.31	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	480.48	481.86	495.15	485.83	1.67	ppb
Boron	11-1	474.54	483.52	491.41	483.15	1.75	ppb
Cadmium	111-1	481.75	475.59	480.75	479.36	0.69	ppb
Cadmium	106-1	483.57	484.71	485.32	484.53	0.18	ppb
Cadmium	108-1	488.43	486.31	491.40	488.71	0.52	ppb
Calcium	43-1	51876.22	51667.49	52095.49	51879.73	0.41	ppb
Calcium	44-1	51385.19	51304.43	51484.03	51391.22	0.18	ppb
Chromium	52-2	500.36	497.74	483.72	493.94	1.81	ppb
Cobalt	59-2	508.02	499.19	491.36	499.52	1.67	ppb
Copper	63-2	932.64	918.57	900.50	917.24	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	56-2	26554.08	26248.45	25558.85	26120.46	1.95	ppb
Iron	57-2	26533.19	26406.20	25873.26	26270.88	1.33	ppb
Krypton	83-1						cps
Lead	206-1	498.46	500.00	498.86	499.11	0.16	ppb
Lead	207-1	496.87	494.77	494.59	495.41	0.26	ppb
Lead	208-1	497.23	496.42	496.04	496.56	0.12	ppb
Lithium	6-1				90		%
Magnesium	24-2	53097.73	52713.02	51231.69	52347.48	1.88	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121878BS	Instrumnet Name :	P7
Client Sample ID :	PB121878BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:19:20	DataFile Name :	032DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1000.60	993.10	968.37	987.36	1.71	ppb
Molybdenum	94-1	2471.46	2480.48	2479.86	2477.27	0.20	ppb
Molybdenum	95-1	2484.06	2474.57	2471.40	2476.68	0.27	ppb
Molybdenum	96-1	2467.14	2479.21	2470.39	2472.25	0.25	ppb
Molybdenum	97-1	2479.42	2490.38	2479.78	2483.19	0.25	ppb
Molybdenum	98-1	2474.73	2477.03	2465.75	2472.50	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.38	502.97	497.68	502.34	0.87	ppb
Phosphorus	31-2	10154.67	10001.57	9627.73	9927.99	2.73	ppb
Potassium	39-2	25352.28	25366.46	24726.91	25148.55	1.45	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	77-2	515.65	521.81	505.27	514.24	1.63	ppb
Selenium	78-2	510.95	503.04	492.99	502.33	1.79	ppb
Selenium	82-1	511.61	513.68	509.80	511.70	0.38	ppb
Silicon	28-1	488.31	499.05	499.99	495.79	1.31	ppb
Silver	109-1	482.89	479.53	484.16	482.20	0.50	ppb
Silver	107-1	482.07	483.56	482.14	482.59	0.17	ppb
Sodium	23-2	52262.18	51960.96	50419.23	51547.45	1.92	ppb
Strontium	86-1	496.98	501.79	497.35	498.70	0.54	ppb
Strontium	88-1	497.32	499.52	497.67	498.17	0.24	ppb
Sulfur	34-1	9980.91	9801.81	9897.62	9893.45	0.91	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	496.82	503.94	495.40	498.72	0.92	ppb
Thallium	205-1	494.82	497.94	498.60	497.12	0.41	ppb
Thorium	232-1	489.58	483.59	484.18	485.78	0.68	ppb
Tin	118-1	496.97	493.15	497.51	495.88	0.48	ppb
Titanium	47-1	2462.26	2460.76	2482.05	2468.36	0.48	ppb
Uranium	238-1	492.24	492.12	488.47	490.94	0.44	ppb
Vanadium	51-2	500.00	496.75	481.23	492.66	2.04	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121878BS	Instrumnet Name :	P7
Client Sample ID :	PB121878BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:19:20	DataFile Name :	032DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	979.48	978.62	954.92	971.01	1.44	ppb
Zirconium	90-1	494.67	495.74	497.10	495.83	0.25	ppb
Zirconium	91-1	491.99	500.00	497.02	496.34	0.82	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:23:09	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53076.30	52578.50	52838.72	52831.17	0.47	ppb
Antimony	121-1	486.55	482.38	478.71	482.55	0.81	ppb
Arsenic	75-1	539.42	533.25	528.95	533.87	0.99	ppb
Barium	135-1	2469.20	2457.97	2454.78	2460.65	0.31	ppb
Barium	137-1	2462.39	2476.08	2449.16	2462.54	0.55	ppb
Beryllium	9-1	494.00	493.90	491.40	493.10	0.30	ppb
Bismuth	209-1				85		%
Bismuth	209-2				84		%
Boron	10-1	496.86	508.27	493.53	499.55	1.55	ppb
Boron	11-1	495.42	509.00	493.87	499.43	1.67	ppb
Cadmium	111-1	513.17	511.18	507.61	510.66	0.55	ppb
Cadmium	106-1	514.58	514.17	505.08	511.28	1.05	ppb
Cadmium	108-1	515.29	518.67	506.41	513.46	1.23	ppb
Calcium	43-1	242830.32	242373.12	244902.72	243368.72	0.55	ppb
Calcium	44-1	242222.62	240659.69	242531.18	241804.50	0.41	ppb
Chromium	52-2	492.86	493.67	495.51	494.01	0.28	ppb
Cobalt	59-2	483.66	481.78	481.28	482.24	0.26	ppb
Copper	63-2	1003.85	997.50	996.53	999.29	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				95		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	56-2	125717.81	124426.07	125212.00	125118.63	0.52	ppb
Iron	57-2	126108.75	124692.35	125156.27	125319.12	0.58	ppb
Krypton	83-1						cps
Lead	206-1	510.25	515.91	506.15	510.77	0.96	ppb
Lead	207-1	504.42	513.60	506.33	508.12	0.95	ppb
Lead	208-1	506.50	508.75	502.30	505.85	0.65	ppb
Lithium	6-1				86		%
Magnesium	24-2	252282.18	251318.76	252027.08	251876.01	0.20	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:23:09	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	971.65	964.79	969.99	968.81	0.37	ppb
Molybdenum	94-1	2489.71	2493.83	2482.37	2488.63	0.23	ppb
Molybdenum	95-1	2486.05	2474.46	2490.87	2483.79	0.34	ppb
Molybdenum	96-1	2481.94	2471.58	2498.70	2484.07	0.55	ppb
Molybdenum	97-1	2477.99	2478.24	2496.00	2484.08	0.42	ppb
Molybdenum	98-1	2488.32	2491.46	2487.29	2489.02	0.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.79	482.45	478.52	481.59	0.57	ppb
Phosphorus	31-2	9784.72	9954.44	9956.38	9898.51	1.00	ppb
Potassium	39-2	125025.95	124378.20	124811.47	124738.54	0.26	ppb
Rhodium	103-1				83		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				93		%
Selenium	77-2	493.78	494.37	489.31	492.49	0.56	ppb
Selenium	78-2	489.80	483.88	499.56	491.08	1.61	ppb
Selenium	82-1	493.43	492.39	495.83	493.88	0.36	ppb
Silicon	28-1	521.88	534.19	530.51	528.86	1.19	ppb
Silver	109-1	504.05	501.05	497.52	500.87	0.65	ppb
Silver	107-1	502.57	500.67	499.75	501.00	0.29	ppb
Sodium	23-2	250419.30	249097.54	251464.66	250327.16	0.47	ppb
Strontium	86-1	498.07	494.29	502.67	498.34	0.84	ppb
Strontium	88-1	495.98	495.27	496.95	496.06	0.17	ppb
Sulfur	34-1	9949.26	10085.47	9914.82	9983.18	0.90	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	516.07	515.10	507.76	512.98	0.89	ppb
Thallium	205-1	512.44	515.95	505.59	511.32	1.03	ppb
Thorium	232-1	519.80	518.98	514.42	517.73	0.56	ppb
Tin	118-1	488.58	487.89	481.46	485.97	0.81	ppb
Titanium	47-1	2456.09	2462.80	2446.98	2455.29	0.32	ppb
Uranium	238-1	525.49	526.00	522.20	524.56	0.39	ppb
Vanadium	51-2	490.68	491.21	491.28	491.06	0.07	ppb
Yttrium	89-1				90		%
Yttrium	89-2				94		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:23:09	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1004.89	1001.49	1000.74	1002.37	0.22	ppb
Zirconium	90-1	500.01	494.34	497.55	497.30	0.57	ppb
Zirconium	91-1	501.18	495.67	494.92	497.26	0.69	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:33:12	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.29	1.23	1.82	1.45	22.37	ppb
Antimony	121-1	0.15	0.16	0.17	0.16	6.75	ppb
Arsenic	75-1	-0.12	-0.10	-0.03	-0.08		ppb
Barium	135-1	0.06	0.08	0.08	0.08	14.94	ppb
Barium	137-1	0.06	0.07	0.08	0.07	11.50	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	13.76	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	10.55	9.82	9.52	9.96	5.33	ppb
Boron	11-1	9.84	9.45	9.44	9.58	2.39	ppb
Cadmium	111-1	-0.01	-0.06	-0.03	-0.03		ppb
Cadmium	106-1	-0.43	-1.03	-0.72	-0.73		ppb
Cadmium	108-1	0.03	0.03	0.00	0.02	108.82	ppb
Calcium	43-1	5.33	6.72	7.60	6.55	17.44	ppb
Calcium	44-1	5.54	7.16	5.93	6.21	13.66	ppb
Chromium	52-2	0.01	0.02	0.00	0.01	167.96	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	21.49	ppb
Copper	63-2	0.06	0.04	0.05	0.05	20.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	3.51	3.50	3.69	3.57	2.94	ppb
Iron	57-2	3.85	3.44	3.85	3.71	6.38	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.03	0.03	0.03	40.16	ppb
Lead	207-1	0.02	0.03	0.03	0.03	38.32	ppb
Lead	208-1	0.02	0.03	0.03	0.03	20.35	ppb
Lithium	6-1				98		%
Magnesium	24-2	6.69	6.89	7.74	7.10	7.83	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:33:12	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.04	0.04	0.04	8.72	ppb
Molybdenum	94-1	0.21	0.22	0.19	0.21	5.56	ppb
Molybdenum	95-1	0.28	0.27	0.23	0.26	10.10	ppb
Molybdenum	96-1	0.28	0.26	0.22	0.25	12.42	ppb
Molybdenum	97-1	0.26	0.25	0.25	0.25	1.01	ppb
Molybdenum	98-1	0.28	0.26	0.25	0.26	5.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.01	23.23	ppb
Phosphorus	31-2	-31.26	-26.34	-36.19	-31.26		ppb
Potassium	39-2	15.89	16.67	16.45	16.33	2.45	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.28	-0.32	-0.44	-0.35		ppb
Selenium	82-1	0.41	0.48	1.14	0.68	59.25	ppb
Silicon	28-1	0.75	0.57	0.65	0.66	13.45	ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.53	ppb
Silver	107-1	0.03	0.02	0.03	0.03	18.77	ppb
Sodium	23-2	25.96	28.27	27.31	27.18	4.28	ppb
Strontium	86-1	-0.05	-0.01	0.12	0.02	418.74	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	7.13	ppb
Sulfur	34-1	-692.86	-791.57	-710.02	-731.48		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.04	0.04	6.26	ppb
Thallium	205-1	0.04	0.03	0.04	0.03	6.76	ppb
Thorium	232-1	0.05	0.05	0.05	0.05	3.12	ppb
Tin	118-1	0.01	0.02	0.04	0.02	73.67	ppb
Titanium	47-1	0.08	0.09	0.07	0.08	15.08	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.89	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	18.79	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:33:12	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.02	0.02	0.07	0.04	90.22	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	28.42	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	63.33	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:42:04	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.51	0.70	0.40	90.99	ppb
Antimony	121-1	0.04	0.04	0.03	0.03	6.87	ppb
Arsenic	75-1	-0.05	-0.04	-0.14	-0.07		ppb
Barium	135-1	0.01	0.02	0.01	0.01	60.99	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.02	0.00	0.03	0.02	79.35	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	5.02	5.31	5.03	5.12	3.24	ppb
Boron	11-1	4.65	4.85	4.77	4.76	2.09	ppb
Cadmium	111-1	-0.08	-0.08	-0.10	-0.08		ppb
Cadmium	106-1	-1.10	-1.08	-1.30	-1.16		ppb
Cadmium	108-1	0.00	0.01	0.02	0.01	169.90	ppb
Calcium	43-1	1.08	2.04	0.56	1.23	61.11	ppb
Calcium	44-1	-0.05	-0.10	0.63	0.16	253.34	ppb
Chromium	52-2	0.00	-0.03	0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	850.48	ppb
Copper	63-2	0.02	0.01	0.02	0.02	41.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	0.16	0.22	0.14	0.17	22.52	ppb
Iron	57-2	0.49	0.43	0.21	0.37	39.37	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.01	0.00	4057.26	ppb
Lead	207-1	0.01	0.01	0.00	0.01	53.64	ppb
Lead	208-1	0.01	0.00	0.01	0.01	45.17	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.59	0.34	0.53	0.49	26.39	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:42:04	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.01	-0.01	0.00	778.79	ppb
Molybdenum	94-1	0.04	0.05	0.03	0.04	22.55	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	4.43	ppb
Molybdenum	96-1	0.05	0.05	0.04	0.04	9.32	ppb
Molybdenum	97-1	0.05	0.06	0.08	0.07	23.60	ppb
Molybdenum	98-1	0.06	0.07	0.06	0.07	8.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-23.09	-27.97	-30.21	-27.09		ppb
Potassium	39-2	11.36	10.13	12.59	11.36	10.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.17	0.24	0.09	0.17	46.55	ppb
Selenium	82-1	0.49	0.47	0.87	0.61	36.60	ppb
Silicon	28-1	-0.07	0.01	0.14	0.03	382.11	ppb
Silver	109-1	0.01	0.01	0.00	0.01	38.09	ppb
Silver	107-1	0.01	0.00	0.01	0.01	48.53	ppb
Sodium	23-2	13.75	14.35	14.48	14.19	2.76	ppb
Strontium	86-1	0.01	-0.06	0.04	0.00		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	25.95	ppb
Sulfur	34-1	-409.16	-448.35	-372.16	-409.89		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.01	0.01	25.86	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	27.80	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	2.36	ppb
Tin	118-1	-0.02	-0.04	-0.03	-0.03		ppb
Titanium	47-1	0.00	0.04	0.01	0.02	135.73	ppb
Uranium	238-1	0.00	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:42:04	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	0.04	-0.02	0.00	1201.38	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	58.78	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	131.16	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P7
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 17:45:41 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.37	0.78	1.29	1.15	27.88	ppb
Antimony	121-1	0.02	0.01	0.01	0.01	32.07	ppb
Arsenic	75-1	0.24	-0.01	-0.04	0.06	258.54	ppb
Barium	135-1	0.02	0.02	0.03	0.02	12.38	ppb
Barium	137-1	0.02	0.02	0.02	0.02	11.47	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	62.91	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	4.03	3.31	3.55	3.63	10.06	ppb
Boron	11-1	3.64	3.50	3.50	3.55	2.38	ppb
Cadmium	111-1	0.00	-0.05	0.01	-0.02		ppb
Cadmium	106-1	-0.17	-0.78	-0.04	-0.33		ppb
Cadmium	108-1	0.04	0.03	0.04	0.03	19.74	ppb
Calcium	43-1	4.43	2.85	3.58	3.62	21.79	ppb
Calcium	44-1	4.93	4.91	3.84	4.56	13.66	ppb
Chromium	52-2	0.00	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	38.40	ppb
Copper	63-2	0.04	0.05	0.05	0.05	10.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	2.24	2.20	2.39	2.28	4.49	ppb
Iron	57-2	2.70	1.63	2.60	2.31	25.49	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.00	0.01	70.05	ppb
Lead	207-1	0.00	0.02	0.01	0.01	73.53	ppb
Lead	208-1	0.01	0.02	0.01	0.01	38.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	4.79	4.62	4.39	4.60	4.44	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:45:41	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.01	0.01	31.92	ppb
Molybdenum	94-1	0.03	0.04	0.03	0.03	21.38	ppb
Molybdenum	95-1	0.05	0.06	0.06	0.06	12.31	ppb
Molybdenum	96-1	0.05	0.06	0.05	0.05	10.32	ppb
Molybdenum	97-1	0.06	0.05	0.06	0.06	10.97	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	2186.68	ppb
Phosphorus	31-2	-32.95	-29.64	-30.79	-31.12		ppb
Potassium	39-2	9.91	9.83	6.30	8.68	23.76	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.01	-0.14	-0.18	-0.11		ppb
Selenium	82-1	0.51	0.83	0.95	0.76	29.92	ppb
Silicon	28-1	0.08	-0.07	0.01	0.01	839.78	ppb
Silver	109-1	0.01	0.00	0.00	0.00	30.09	ppb
Silver	107-1	0.01	0.01	0.00	0.01	32.35	ppb
Sodium	23-2	15.84	13.85	15.86	15.18	7.61	ppb
Strontium	86-1	-0.02	-0.03	0.00	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	12.16	ppb
Sulfur	34-1	-234.81	-379.32	-431.13	-348.42		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	0.02	0.01	101.03	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	23.94	ppb
Thorium	232-1	0.00	0.00	0.01	0.01	34.78	ppb
Tin	118-1	-0.02	-0.01	-0.03	-0.02		ppb
Titanium	47-1	0.02	0.08	0.00	0.03	120.96	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	39.65	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	46.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:45:41	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.26	0.28	0.24	0.26	6.63	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	39.35	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	110.74	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:49:17	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.93	21.96	17.44	20.44	12.75	ppb
Antimony	121-1	1.95	1.93	1.92	1.93	0.75	ppb
Arsenic	75-1	1.04	1.49	0.76	1.09	33.62	ppb
Barium	135-1	10.20	10.54	10.41	10.38	1.65	ppb
Barium	137-1	10.39	10.47	10.25	10.37	1.08	ppb
Beryllium	9-1	1.05	0.98	0.99	1.01	3.90	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	24.93	26.24	25.87	25.68	2.64	ppb
Boron	11-1	25.40	25.70	25.35	25.48	0.73	ppb
Cadmium	111-1	0.98	1.05	1.06	1.03	4.20	ppb
Cadmium	106-1	0.01	1.34	1.02	0.79	87.63	ppb
Cadmium	108-1	0.85	1.13	0.96	0.98	14.86	ppb
Calcium	43-1	501.63	505.12	517.42	508.06	1.63	ppb
Calcium	44-1	498.10	498.18	500.23	498.83	0.24	ppb
Chromium	52-2	2.05	2.01	2.02	2.03	1.07	ppb
Cobalt	59-2	1.04	1.05	1.07	1.06	1.50	ppb
Copper	63-2	1.94	1.99	1.90	1.95	2.48	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				104		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	56.21	57.19	56.90	56.77	0.88	ppb
Iron	57-2	63.06	56.93	59.65	59.88	5.13	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.98	0.94	0.96	1.97	ppb
Lead	207-1	0.94	0.98	0.95	0.96	1.83	ppb
Lead	208-1	0.95	0.98	0.95	0.96	1.85	ppb
Lithium	6-1				100		%
Magnesium	24-2	546.41	545.76	546.16	546.11	0.06	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:49:17	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.13	1.01	1.04	1.06	5.89	ppb
Molybdenum	94-1	4.60	4.75	4.70	4.68	1.58	ppb
Molybdenum	95-1	4.80	4.84	4.79	4.81	0.59	ppb
Molybdenum	96-1	4.83	4.84	4.80	4.82	0.46	ppb
Molybdenum	97-1	4.83	4.82	4.70	4.79	1.51	ppb
Molybdenum	98-1	4.68	4.76	4.71	4.72	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.16	1.05	1.08	6.20	ppb
Phosphorus	31-2	39.81	14.48	19.57	24.62	54.42	ppb
Potassium	39-2	516.24	516.18	519.11	517.17	0.32	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	5.03	4.19	5.68	4.97	15.04	ppb
Selenium	78-2	6.28	6.29	5.12	5.89	11.46	ppb
Selenium	82-1	7.29	6.51	5.79	6.53	11.53	ppb
Silicon	28-1	8.01	7.79	7.79	7.86	1.64	ppb
Silver	109-1	0.91	0.91	0.92	0.91	0.53	ppb
Silver	107-1	0.91	0.92	0.91	0.91	0.48	ppb
Sodium	23-2	525.06	530.66	527.52	527.74	0.53	ppb
Strontium	86-1	0.94	0.95	0.95	0.95	0.66	ppb
Strontium	88-1	1.01	0.98	1.01	1.00	1.64	ppb
Sulfur	34-1	-374.49	-350.65	-385.24	-370.13		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.98	0.95	0.97	0.97	1.52	ppb
Thallium	205-1	0.96	0.95	0.96	0.95	0.58	ppb
Thorium	232-1	0.83	0.82	0.81	0.82	1.35	ppb
Tin	118-1	5.24	5.09	5.16	5.16	1.38	ppb
Titanium	47-1	5.06	5.23	5.15	5.14	1.63	ppb
Uranium	238-1	0.91	0.91	0.90	0.91	0.69	ppb
Vanadium	51-2	5.15	5.21	5.23	5.20	0.76	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:49:17	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.06	2.18	1.98	2.07	4.90	ppb
Zirconium	90-1	0.91	0.92	0.88	0.90	2.03	ppb
Zirconium	91-1	0.90	0.87	0.82	0.87	4.65	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:52:54	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.24	19.06	19.71	19.00	3.88	ppb
Antimony	121-1	2.00	1.98	1.99	1.99	0.40	ppb
Arsenic	75-1	0.99	0.88	0.77	0.88	12.54	ppb
Barium	135-1	10.21	10.44	10.49	10.38	1.45	ppb
Barium	137-1	10.50	10.30	10.38	10.39	0.94	ppb
Beryllium	9-1	1.00	1.02	0.96	0.99	3.27	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	25.63	26.79	27.03	26.48	2.83	ppb
Boron	11-1	25.38	26.06	25.90	25.78	1.37	ppb
Cadmium	111-1	0.91	1.05	1.04	1.00	8.24	ppb
Cadmium	106-1	0.06	1.36	1.54	0.99	82.28	ppb
Cadmium	108-1	1.02	1.03	1.04	1.03	0.92	ppb
Calcium	43-1	521.59	505.32	508.88	511.93	1.67	ppb
Calcium	44-1	510.66	504.29	499.91	504.96	1.07	ppb
Chromium	52-2	2.03	1.97	2.04	2.01	1.97	ppb
Cobalt	59-2	1.01	1.04	1.03	1.03	1.23	ppb
Copper	63-2	1.97	1.96	1.97	1.97	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				104		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	57.10	55.93	56.58	56.53	1.04	ppb
Iron	57-2	60.36	59.11	60.44	59.97	1.24	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.96	0.96	0.96	0.43	ppb
Lead	207-1	0.94	0.96	0.96	0.95	1.34	ppb
Lead	208-1	0.95	0.95	0.96	0.95	0.25	ppb
Lithium	6-1				101		%
Magnesium	24-2	544.39	545.45	546.99	545.61	0.24	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:52:54	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	1.03	1.03	1.05	3.22	ppb
Molybdenum	94-1	4.93	4.76	4.81	4.83	1.78	ppb
Molybdenum	95-1	4.79	4.86	4.81	4.82	0.66	ppb
Molybdenum	96-1	4.77	4.79	4.89	4.82	1.31	ppb
Molybdenum	97-1	4.74	4.83	4.72	4.77	1.24	ppb
Molybdenum	98-1	4.77	4.90	4.73	4.80	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.08	1.19	1.13	4.78	ppb
Phosphorus	31-2	9.64	17.25	22.27	16.38	38.81	ppb
Potassium	39-2	527.38	520.95	513.00	520.44	1.38	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	4.92	6.22	4.70	5.28	15.63	ppb
Selenium	78-2	4.55	5.91	5.37	5.28	12.91	ppb
Selenium	82-1	6.77	6.05	6.51	6.44	5.64	ppb
Silicon	28-1	8.14	8.43	8.05	8.21	2.45	ppb
Silver	109-1	0.93	0.95	0.92	0.93	1.33	ppb
Silver	107-1	0.92	0.92	0.92	0.92	0.19	ppb
Sodium	23-2	529.73	528.16	532.03	529.98	0.37	ppb
Strontium	86-1	1.02	0.87	1.05	0.98	10.09	ppb
Strontium	88-1	1.00	1.03	1.00	1.01	1.79	ppb
Sulfur	34-1	-291.57	-343.30	-416.77	-350.55		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.95	0.93	0.98	0.95	2.54	ppb
Thallium	205-1	0.95	0.97	0.96	0.96	0.76	ppb
Thorium	232-1	0.86	0.84	0.84	0.85	1.20	ppb
Tin	118-1	5.32	5.13	5.20	5.22	1.90	ppb
Titanium	47-1	4.94	4.98	5.04	4.98	1.00	ppb
Uranium	238-1	0.91	0.91	0.89	0.90	1.47	ppb
Vanadium	51-2	5.16	5.32	5.22	5.24	1.51	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:52:54	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.19	2.05	2.22	2.15	4.28	ppb
Zirconium	90-1	0.91	0.90	0.89	0.90	1.21	ppb
Zirconium	91-1	0.94	0.89	0.90	0.91	2.56	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:56:30	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10195.78	10150.91	10020.95	10122.55	0.90	ppb
Antimony	121-1	509.29	505.82	505.27	506.79	0.43	ppb
Arsenic	75-1	508.15	511.94	512.85	510.98	0.49	ppb
Barium	135-1	2529.11	2528.95	2515.69	2524.59	0.31	ppb
Barium	137-1	2537.23	2517.93	2541.88	2532.35	0.50	ppb
Beryllium	9-1	513.83	505.66	510.51	510.00	0.81	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	479.74	485.68	488.08	484.50	0.89	ppb
Boron	11-1	481.92	490.72	491.59	488.08	1.10	ppb
Cadmium	111-1	492.58	486.86	490.56	490.00	0.59	ppb
Cadmium	106-1	493.51	489.70	504.65	495.95	1.57	ppb
Cadmium	108-1	498.02	496.61	500.28	498.30	0.37	ppb
Calcium	43-1	52495.70	51944.27	52589.59	52343.19	0.67	ppb
Calcium	44-1	51914.36	51226.21	51742.63	51627.73	0.69	ppb
Chromium	52-2	500.11	507.56	499.13	502.26	0.92	ppb
Cobalt	59-2	505.76	513.01	501.45	506.74	1.15	ppb
Copper	63-2	936.47	939.66	931.82	935.98	0.42	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				101		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	26672.73	26783.62	26322.49	26592.95	0.91	ppb
Iron	57-2	26610.76	26931.87	26387.69	26643.44	1.03	ppb
Krypton	83-1						cps
Lead	206-1	507.82	512.54	508.74	509.70	0.49	ppb
Lead	207-1	503.46	504.55	501.55	503.19	0.30	ppb
Lead	208-1	505.32	504.95	501.88	504.05	0.37	ppb
Lithium	6-1				91		%
Magnesium	24-2	53794.86	53575.30	52824.67	53398.28	0.95	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:56:30	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1011.67	1015.94	1000.06	1009.22	0.81	ppb
Molybdenum	94-1	2497.59	2506.74	2536.08	2513.47	0.80	ppb
Molybdenum	95-1	2508.95	2526.35	2546.37	2527.22	0.74	ppb
Molybdenum	96-1	2513.28	2525.23	2531.14	2523.22	0.36	ppb
Molybdenum	97-1	2511.44	2517.97	2544.44	2524.62	0.69	ppb
Molybdenum	98-1	2493.11	2513.08	2537.25	2514.48	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.65	511.10	506.01	509.58	0.61	ppb
Phosphorus	31-2	10156.28	10175.21	10122.33	10151.27	0.26	ppb
Potassium	39-2	25590.84	25650.33	25505.85	25582.34	0.28	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	510.26	496.82	521.17	509.42	2.39	ppb
Selenium	78-2	518.51	508.34	521.77	516.20	1.36	ppb
Selenium	82-1	517.14	522.38	524.69	521.40	0.74	ppb
Silicon	28-1	464.26	461.42	471.33	465.67	1.10	ppb
Silver	109-1	493.14	493.11	494.76	493.67	0.19	ppb
Silver	107-1	493.38	491.43	491.47	492.09	0.23	ppb
Sodium	23-2	52595.84	52897.30	51986.00	52493.05	0.88	ppb
Strontium	86-1	500.06	504.67	512.00	505.57	1.19	ppb
Strontium	88-1	503.39	503.94	506.47	504.60	0.33	ppb
Sulfur	34-1	10245.20	9732.48	10024.87	10000.85	2.57	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	513.05	514.72	505.32	511.03	0.98	ppb
Thallium	205-1	508.54	512.62	506.89	509.35	0.58	ppb
Thorium	232-1	494.28	494.91	488.51	492.57	0.72	ppb
Tin	118-1	508.72	511.74	509.20	509.89	0.32	ppb
Titanium	47-1	2511.17	2507.21	2517.35	2511.91	0.20	ppb
Uranium	238-1	501.08	500.26	495.07	498.80	0.65	ppb
Vanadium	51-2	501.90	505.96	494.97	500.94	1.11	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:56:30	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	989.90	985.48	984.61	986.66	0.29	ppb
Zirconium	90-1	503.06	507.99	503.72	504.92	0.53	ppb
Zirconium	91-1	504.16	504.75	508.74	505.88	0.49	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 18:00:06	DataFile Name :	040LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9953.47	10030.09	10081.29	10021.61	0.64	ppb
Antimony	121-1	499.31	508.42	500.91	502.88	0.97	ppb
Arsenic	75-1	505.30	507.62	507.58	506.84	0.26	ppb
Barium	135-1	2498.37	2535.44	2507.54	2513.78	0.77	ppb
Barium	137-1	2503.61	2556.49	2509.48	2523.19	1.15	ppb
Beryllium	9-1	505.77	506.86	505.34	505.99	0.15	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	485.94	506.66	516.00	502.86	3.06	ppb
Boron	11-1	491.93	505.72	506.20	501.28	1.62	ppb
Cadmium	111-1	484.55	492.78	488.83	488.72	0.84	ppb
Cadmium	106-1	488.28	487.48	494.93	490.23	0.83	ppb
Cadmium	108-1	492.33	492.48	496.83	493.88	0.52	ppb
Calcium	43-1	52032.30	52329.37	52410.07	52257.24	0.38	ppb
Calcium	44-1	51281.39	51723.28	51918.29	51640.99	0.63	ppb
Chromium	52-2	493.95	499.67	498.25	497.29	0.60	ppb
Cobalt	59-2	501.23	507.99	507.31	505.51	0.74	ppb
Copper	63-2	919.92	933.45	930.70	928.02	0.77	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				101		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	26290.86	26389.46	26259.84	26313.39	0.26	ppb
Iron	57-2	26368.98	26338.86	26602.13	26436.65	0.55	ppb
Krypton	83-1						cps
Lead	206-1	505.68	510.57	508.78	508.34	0.49	ppb
Lead	207-1	498.46	503.64	500.73	500.94	0.52	ppb
Lead	208-1	499.72	503.91	502.39	502.01	0.42	ppb
Lithium	6-1				90		%
Magnesium	24-2	52761.18	53048.31	53101.33	52970.27	0.35	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 18:00:06	DataFile Name :	040LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	996.48	1007.36	999.93	1001.26	0.56	ppb
Molybdenum	94-1	2487.18	2510.02	2502.43	2499.88	0.47	ppb
Molybdenum	95-1	2491.22	2506.04	2504.62	2500.63	0.33	ppb
Molybdenum	96-1	2482.93	2513.32	2511.56	2502.61	0.68	ppb
Molybdenum	97-1	2497.78	2503.12	2509.71	2503.54	0.24	ppb
Molybdenum	98-1	2493.88	2504.92	2516.83	2505.21	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.79	511.35	509.38	508.18	0.77	ppb
Phosphorus	31-2	9976.62	10142.41	9926.96	10015.33	1.13	ppb
Potassium	39-2	25344.11	25415.91	25330.73	25363.59	0.18	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	77-2	508.30	515.26	518.17	513.91	0.99	ppb
Selenium	78-2	509.15	516.22	508.98	511.45	0.81	ppb
Selenium	82-1	515.18	515.48	516.03	515.56	0.08	ppb
Silicon	28-1	475.06	463.38	464.50	467.64	1.38	ppb
Silver	109-1	487.23	494.68	489.71	490.54	0.77	ppb
Silver	107-1	484.74	490.08	489.68	488.17	0.61	ppb
Sodium	23-2	52033.55	52079.23	52262.11	52124.96	0.23	ppb
Strontium	86-1	495.71	504.09	506.88	502.23	1.16	ppb
Strontium	88-1	499.55	502.37	506.64	502.85	0.71	ppb
Sulfur	34-1	9879.00	9844.51	9890.93	9871.48	0.24	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	505.81	512.36	505.43	507.87	0.77	ppb
Thallium	205-1	504.92	509.45	505.93	506.76	0.47	ppb
Thorium	232-1	486.69	489.93	493.08	489.90	0.65	ppb
Tin	118-1	499.08	504.96	502.07	502.04	0.59	ppb
Titanium	47-1	2488.95	2480.68	2500.62	2490.08	0.40	ppb
Uranium	238-1	487.87	499.30	499.36	495.51	1.34	ppb
Vanadium	51-2	491.92	497.15	496.16	495.07	0.56	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 18:00:06	DataFile Name :	040LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	971.81	983.57	986.90	980.76	0.81	ppb
Zirconium	90-1	499.69	502.65	502.43	501.59	0.33	ppb
Zirconium	91-1	495.96	506.51	501.44	501.30	1.05	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 18:03:42	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52268.15	51715.01	52280.88	52088.01	0.62	ppb
Antimony	121-1	475.66	488.36	464.76	476.26	2.48	ppb
Arsenic	75-1	524.32	535.35	517.89	525.85	1.68	ppb
Barium	135-1	2417.48	2497.14	2371.51	2428.71	2.62	ppb
Barium	137-1	2422.46	2509.92	2360.44	2430.94	3.09	ppb
Beryllium	9-1	487.98	504.09	481.06	491.04	2.41	ppb
Bismuth	209-1				85		%
Bismuth	209-2				84		%
Boron	10-1	503.38	524.37	509.99	512.58	2.09	ppb
Boron	11-1	504.20	526.34	508.93	513.15	2.27	ppb
Cadmium	111-1	502.49	519.44	494.90	505.61	2.49	ppb
Cadmium	106-1	504.98	511.65	492.40	503.01	1.94	ppb
Cadmium	108-1	507.15	525.21	496.28	509.55	2.87	ppb
Calcium	43-1	240165.26	244870.68	234953.33	239996.42	2.07	ppb
Calcium	44-1	239438.75	243851.23	234589.40	239293.13	1.94	ppb
Chromium	52-2	488.37	484.67	493.53	488.85	0.91	ppb
Cobalt	59-2	478.65	476.28	478.47	477.80	0.28	ppb
Copper	63-2	989.85	980.10	993.22	987.72	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				91		%
Iron	56-2	122409.49	124140.64	124322.30	123624.15	0.85	ppb
Iron	57-2	124222.37	122431.54	124596.38	123750.10	0.94	ppb
Krypton	83-1						cps
Lead	206-1	501.44	523.66	495.32	506.81	2.94	ppb
Lead	207-1	502.39	520.06	490.48	504.31	2.95	ppb
Lead	208-1	498.47	515.54	488.34	500.78	2.75	ppb
Lithium	6-1				85		%
Magnesium	24-2	247721.38	246010.10	250656.57	248129.35	0.95	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 18:03:42	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	955.53	954.97	962.03	957.51	0.41	ppb
Molybdenum	94-1	2446.63	2516.05	2378.81	2447.16	2.80	ppb
Molybdenum	95-1	2446.82	2536.49	2372.85	2452.06	3.34	ppb
Molybdenum	96-1	2456.07	2509.92	2368.54	2444.84	2.92	ppb
Molybdenum	97-1	2445.71	2503.90	2371.75	2440.45	2.71	ppb
Molybdenum	98-1	2438.04	2503.50	2368.79	2436.78	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.12	475.90	481.56	478.86	0.59	ppb
Phosphorus	31-2	9438.07	9656.78	9624.64	9573.16	1.23	ppb
Potassium	39-2	123377.88	123450.20	124182.87	123670.32	0.36	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				94		%
Selenium	77-2	508.69	489.21	493.75	497.22	2.05	ppb
Selenium	78-2	490.12	493.68	481.20	488.33	1.32	ppb
Selenium	82-1	493.84	506.09	478.55	492.83	2.80	ppb
Silicon	28-1	505.08	528.76	507.95	513.93	2.51	ppb
Silver	109-1	494.82	508.81	486.04	496.56	2.31	ppb
Silver	107-1	496.87	503.99	483.89	494.91	2.06	ppb
Sodium	23-2	246662.70	246075.06	248302.11	247013.29	0.47	ppb
Strontium	86-1	490.42	501.22	480.89	490.84	2.07	ppb
Strontium	88-1	490.26	501.35	475.81	489.14	2.62	ppb
Sulfur	34-1	9631.21	10159.18	9240.61	9677.00	4.76	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	507.90	525.96	498.24	510.70	2.75	ppb
Thallium	205-1	507.91	522.40	497.43	509.24	2.46	ppb
Thorium	232-1	509.03	522.21	497.07	509.44	2.47	ppb
Tin	118-1	482.77	492.56	469.85	481.73	2.36	ppb
Titanium	47-1	2427.18	2496.92	2395.73	2439.94	2.12	ppb
Uranium	238-1	515.97	533.44	503.52	517.64	2.90	ppb
Vanadium	51-2	485.24	482.79	488.76	485.60	0.62	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 18:03:42	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1001.67	986.65	997.29	995.21	0.78	ppb
Zirconium	90-1	489.75	503.30	476.39	489.81	2.75	ppb
Zirconium	91-1	491.89	503.69	475.34	490.31	2.91	ppb

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : CCB29 Instrumnet Name : P7
 Client Sample ID : CCB29 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 18:13:07 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.39	1.52	0.87	1.26	26.97	ppb
Antimony	121-1	0.14	0.14	0.15	0.14	3.65	ppb
Arsenic	75-1	0.00	0.19	0.13	0.10	95.25	ppb
Barium	135-1	0.03	0.04	0.05	0.04	20.83	ppb
Barium	137-1	0.02	0.04	0.04	0.03	24.40	ppb
Beryllium	9-1	0.03	0.05	0.05	0.04	23.22	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	14.03	13.38	14.19	13.87	3.09	ppb
Boron	11-1	14.02	12.99	13.00	13.34	4.43	ppb
Cadmium	111-1	0.02	-0.04	-0.04	-0.02		ppb
Cadmium	106-1	0.00	-0.79	-0.80	-0.53		ppb
Cadmium	108-1	0.03	-0.02	-0.03	0.00		ppb
Calcium	43-1	2.05	2.73	3.90	2.89	32.28	ppb
Calcium	44-1	2.78	1.87	2.46	2.37	19.64	ppb
Chromium	52-2	-0.03	0.01	0.01	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	42.54	ppb
Copper	63-2	0.02	0.07	0.04	0.04	46.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	1.72	1.75	1.74	1.74	0.98	ppb
Iron	57-2	1.54	1.90	1.90	1.78	11.76	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.04	7.78	ppb
Lead	207-1	0.04	0.02	0.02	0.03	39.61	ppb
Lead	208-1	0.03	0.03	0.03	0.03	4.27	ppb
Lithium	6-1				99		%
Magnesium	24-2	3.64	3.06	3.20	3.30	9.18	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 18:13:07	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.02	0.02	0.02	0.54	ppb
Molybdenum	94-1	0.19	0.16	0.19	0.18	10.02	ppb
Molybdenum	95-1	0.25	0.22	0.20	0.22	11.62	ppb
Molybdenum	96-1	0.23	0.21	0.21	0.22	6.45	ppb
Molybdenum	97-1	0.23	0.22	0.24	0.23	4.40	ppb
Molybdenum	98-1	0.24	0.24	0.21	0.23	6.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.01	0.00	245.82	ppb
Phosphorus	31-2	-33.90	-26.51	-32.58	-31.00		ppb
Potassium	39-2	19.09	19.81	16.68	18.52	8.85	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	0.25	0.00	0.00	0.08	173.21	ppb
Selenium	78-2	-0.12	0.25	-0.25	-0.04		ppb
Selenium	82-1	0.56	0.15	0.25	0.32	66.57	ppb
Silicon	28-1	0.49	0.39	0.53	0.47	15.55	ppb
Silver	109-1	0.01	0.02	0.02	0.02	14.30	ppb
Silver	107-1	0.02	0.02	0.02	0.02	7.48	ppb
Sodium	23-2	28.28	27.71	26.30	27.43	3.71	ppb
Strontium	86-1	-0.03	0.00	-0.11	-0.05		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	2.27	ppb
Sulfur	34-1	-616.04	-670.78	-594.83	-627.22		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.04	0.04	0.04	16.14	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.82	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	8.62	ppb
Tin	118-1	0.00	0.01	0.03	0.01	171.76	ppb
Titanium	47-1	0.05	0.03	0.06	0.04	34.02	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.18	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	29.24	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 18:13:07	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	-0.05	0.00	-0.01		ppb
Zirconium	90-1	0.00	0.02	0.02	0.01	69.06	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	125.23	ppb

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:50:01	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	17	33	33	50.00	cps
Antimony	121-1	383	392	392	389	1.24	cps
Arsenic	75-1	-12053	-11410	-11491	-11651	-3.01	cps
Barium	135-1	33	42	25	33	25.01	cps
Barium	137-1	33	75	33	47	50.95	cps
Beryllium	9-1	103	133	133	123	14.04	cps
Bismuth	209-1	19244853	19389425	19209834	19281371	0.49	cps
Bismuth	209-2	10071078	9809823	10038657	9973186	1.43	cps
Boron	10-1	683	658	792	711	9.97	cps
Boron	11-1	3892	3559	3709	3720	4.49	cps
Cadmium	111-1	6833	6890	6968	6897	0.98	cps
Cadmium	106-1	9729	9804	9895	9809	0.85	cps
Cadmium	108-1	21	21	25	22	10.84	cps
Calcium	43-1	158	117	150	142	15.56	cps
Calcium	44-1	17053	15676	15400	16043	5.52	cps
Chromium	52-2	753	810	763	776	3.90	cps
Cobalt	59-2	60	83	70	71	16.47	cps
Copper	63-2	1220	1173	1070	1155	6.65	cps
Dysprosium	156-1	42	25	42	36	26.65	cps
Dysprosium	156-2	27	30	17	24	28.38	cps
Erbium	164-1	92	100	108	100	8.33	cps
Erbium	164-2	80	73	83	79	6.46	cps
Gadolinium	160-1	133	208	158	167	22.91	cps
Gadolinium	160-2	317	270	350	312	12.87	cps
Holmium	165-1	29105638	29209150	28984000	29099596	0.39	cps
Holmium	165-2	13124691	13043486	13244662	13137613	0.77	cps
Indium	115-1	20394833	20449600	20310481	20384972	0.34	cps
Indium	115-2	3358416	3347171	3390423	3365337	0.67	cps
Iron	56-2	2534	2761	2556	2617	4.80	cps
Iron	57-2	106	106	106	106	0.00	cps
Krypton	83-1	4828	4874	5174	4959	3.80	cps
Lead	206-1	1695	1445	1784	1641	10.71	cps
Lead	207-1	1545	1383	1500	1476	5.64	cps
Lead	208-1	5762	5401	6128	5764	6.31	cps
Lithium	6-1	4826519	4867342	4826194	4840018	0.49	cps
Magnesium	24-2	350	342	350	347	1.39	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:50:01	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	40	40	41	4.68	cps
Molybdenum	94-1	583	683	567	611	10.33	cps
Molybdenum	95-1	133	50	92	92	45.46	cps
Molybdenum	96-1	175	200	242	206	16.38	cps
Molybdenum	97-1	92	67	50	69	30.20	cps
Molybdenum	98-1	83	150	108	114	29.57	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	17	13	13	14	13.35	cps
Nickel	60-2	107	147	107	120	19.24	cps
Phosphorus	31-2	150	125	183	153	19.15	cps
Potassium	39-2	20690	20348	20540	20526	0.84	cps
Rhodium	103-1	18223095	18435429	18295249	18317924	0.59	cps
Rhodium	103-2	8660540	8502350	8669587	8610826	1.09	cps
Scandium	45-1	10758683	10833826	10591343	10727951	1.16	cps
Scandium	45-2	439597	438286	446113	441332	0.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	26	70	44	52.03	cps
Selenium	82-1	12	-208	-475	-224	-108.86	cps
Silicon	28-1	113520	116626	116468	115538	1.51	cps
Silver	109-1	142	83	150	125	29.06	cps
Silver	107-1	233	183	242	219	14.38	cps
Sodium	23-2	28011	27760	27175	27649	1.55	cps
Strontium	86-1	7953	7411	8086	7816	4.58	cps
Strontium	88-1	275	158	150	194	35.94	cps
Sulfur	34-1	603069	604501	603218	603596	0.13	cps
Terbium	159-1	29263513	29660157	29201584	29375085	0.85	cps
Terbium	159-2	12826827	12619687	12757418	12734644	0.83	cps
Thallium	203-1	808	1017	842	889	12.59	cps
Thallium	205-1	1417	1592	1508	1506	5.81	cps
Thorium	232-1	3017	2978	3050	3015	1.20	cps
Tin	118-1	2500	2809	2642	2651	5.83	cps
Titanium	47-1	58	83	133	92	41.66	cps
Uranium	238-1	3259	2959	3709	3309	11.41	cps
Vanadium	51-2	13	13	3	10	57.75	cps
Yttrium	89-1	22105755	22213405	21988643	22102601	0.51	cps
Yttrium	89-2	2737428	2699044	2755889	2730787	1.06	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:50:01	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	273	213	290	259	15.58	cps
Zirconium	90-1	1617	1533	1775	1642	7.48	cps
Zirconium	91-1	342	283	342	322	10.45	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:53:37	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2975	3075	2667	2906	7.33	cps
Antimony	121-1	33483	33240	34109	33611	1.33	cps
Arsenic	75-1	-7540	-9343	-8454	-8446	-10.68	cps
Barium	135-1	41270	41655	42566	41831	1.59	cps
Barium	137-1	74265	71166	74266	73233	2.44	cps
Beryllium	9-1	3147	2737	2944	2943	6.97	cps
Bismuth	209-1	19358859	19263378	19372433	19331557	0.31	cps
Bismuth	209-2	10168247	10031225	10117862	10105778	0.69	cps
Boron	10-1	12839	12831	12989	12887	0.69	cps
Boron	11-1	58716	58807	60120	59214	1.33	cps
Cadmium	111-1	11878	12028	12343	12083	1.96	cps
Cadmium	106-1	10229	10438	11071	10579	4.15	cps
Cadmium	108-1	458	471	417	449	6.32	cps
Calcium	43-1	22744	21558	23111	22471	3.61	cps
Calcium	44-1	381443	374384	374950	376926	1.04	cps
Chromium	52-2	10017	10240	9770	10009	2.35	cps
Cobalt	59-2	8226	8059	8439	8241	2.31	cps
Copper	63-2	13353	13290	12852	13165	2.07	cps
Dysprosium	156-1	58	50	33	47	26.97	cps
Dysprosium	156-2	10	20	20	17	34.64	cps
Erbium	164-1	100	117	92	103	12.39	cps
Erbium	164-2	97	87	77	87	11.54	cps
Gadolinium	160-1	133	242	158	178	31.91	cps
Gadolinium	160-2	290	310	303	301	3.38	cps
Holmium	165-1	29438750	28768410	29010570	29072577	1.17	cps
Holmium	165-2	13451314	13372164	13395926	13406468	0.30	cps
Indium	115-1	20443650	20157979	20316115	20305915	0.70	cps
Indium	115-2	3444777	3430156	3454234	3443055	0.35	cps
Iron	56-2	222113	220261	216731	219702	1.24	cps
Iron	57-2	6051	5668	5618	5779	4.10	cps
Krypton	83-1	4841	4771	5124	4912	3.81	cps
Lead	206-1	18519	18341	18558	18473	0.63	cps
Lead	207-1	16110	15376	15754	15747	2.33	cps
Lead	208-1	73008	70764	72479	72083	1.63	cps
Lithium	6-1	4839385	4781908	4805822	4809038	0.60	cps
Magnesium	24-2	190620	185501	185579	187234	1.57	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:53:37	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2947	2954	2854	2918	1.92	cps
Molybdenum	94-1	33381	32413	32630	32808	1.55	cps
Molybdenum	95-1	43007	40534	41503	41681	2.99	cps
Molybdenum	96-1	45566	46678	46226	46157	1.21	cps
Molybdenum	97-1	27177	25633	26225	26345	2.96	cps
Molybdenum	98-1	68791	65937	67971	67567	2.17	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	20	3	10	11	75.52	cps
Nickel	60-2	2464	2404	2417	2428	1.30	cps
Phosphorus	31-2	450	617	542	536	15.57	cps
Potassium	39-2	163854	160551	159492	161299	1.41	cps
Rhodium	103-1	18276054	17892960	18238698	18135904	1.16	cps
Rhodium	103-2	8733240	8683991	8755391	8724207	0.42	cps
Scandium	45-1	10644813	10432940	10610921	10562891	1.08	cps
Scandium	45-2	451908	444843	449964	448905	0.81	cps
Selenium	77-2	63	63	73	67	8.66	cps
Selenium	78-2	259	289	285	278	5.81	cps
Selenium	82-1	1704	2114	1725	1848	12.48	cps
Silicon	28-1	202249	199143	199269	200220	0.88	cps
Silver	109-1	20357	19898	20683	20313	1.94	cps
Silver	107-1	21192	21025	20841	21019	0.83	cps
Sodium	23-2	366551	362100	363448	364033	0.63	cps
Strontium	86-1	13048	12798	13665	13170	3.39	cps
Strontium	88-1	44604	44120	43893	44206	0.82	cps
Sulfur	34-1	608806	612038	608585	609809	0.32	cps
Terbium	159-1	29621277	29184450	29316257	29373995	0.76	cps
Terbium	159-2	12958525	12865720	12946180	12923475	0.39	cps
Thallium	203-1	21894	21093	21234	21407	2.00	cps
Thallium	205-1	50373	50471	51609	50818	1.35	cps
Thorium	232-1	61278	61029	60246	60851	0.89	cps
Tin	118-1	78780	77078	80237	78698	2.01	cps
Titanium	47-1	10854	10454	10988	10765	2.58	cps
Uranium	238-1	68014	68242	69665	68640	1.30	cps
Vanadium	51-2	18375	17758	18272	18135	1.82	cps
Yttrium	89-1	22169193	21779557	22170571	22039774	1.02	cps
Yttrium	89-2	2806905	2808811	2810470	2808729	0.06	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:53:37	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2364	2200	2317	2294	3.67	cps
Zirconium	90-1	25014	23779	23295	24029	3.69	cps
Zirconium	91-1	5526	5435	5401	5454	1.19	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 14:58:28 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143163	143044	143448	143219	0.14	cps
Antimony	121-1	878945	873075	878497	876839	0.37	cps
Arsenic	75-1	164586	164054	168187	165609	1.36	cps
Barium	135-1	1040103	1036794	1034268	1037055	0.28	cps
Barium	137-1	1822707	1815354	1812517	1816859	0.29	cps
Beryllium	9-1	142989	143472	142844	143101	0.23	cps
Bismuth	209-1	19119985	19153302	19282114	19185134	0.45	cps
Bismuth	209-2	9916690	10044828	10090607	10017375	0.90	cps
Boron	10-1	24154	24287	24287	24243	0.32	cps
Boron	11-1	114541	118183	116774	116500	1.58	cps
Cadmium	111-1	270253	270107	271573	270644	0.30	cps
Cadmium	106-1	38838	39406	40225	39490	1.77	cps
Cadmium	108-1	20123	20665	20098	20295	1.58	cps
Calcium	43-1	228042	226626	231621	228763	1.13	cps
Calcium	44-1	3763509	3731069	3748938	3747839	0.43	cps
Chromium	52-2	228734	229727	233389	230616	1.06	cps
Cobalt	59-2	395135	397968	398151	397085	0.43	cps
Copper	63-2	581283	583845	586091	583740	0.41	cps
Dysprosium	156-1	50	58	42	50	16.67	cps
Dysprosium	156-2	33	27	90	50	69.60	cps
Erbium	164-1	108	75	133	106	27.73	cps
Erbium	164-2	70	90	80	80	12.50	cps
Gadolinium	160-1	158	183	158	167	8.66	cps
Gadolinium	160-2	287	280	297	288	2.91	cps
Holmium	165-1	29267110	28890892	29151365	29103123	0.66	cps
Holmium	165-2	13220459	13334584	13391778	13315607	0.66	cps
Indium	115-1	20285108	20276616	20105848	20222524	0.50	cps
Indium	115-2	3329568	3371866	3395305	3365580	0.99	cps
Iron	56-2	10192814	10200489	10313847	10235717	0.66	cps
Iron	57-2	250586	253417	257216	253740	1.31	cps
Krypton	83-1	4708	4888	4911	4835	2.30	cps
Lead	206-1	876190	871191	870826	872736	0.34	cps
Lead	207-1	744125	740008	747496	743876	0.50	cps
Lead	208-1	3416532	3416959	3430923	3421471	0.24	cps
Lithium	6-1	4735757	4730338	4716819	4727638	0.21	cps
Magnesium	24-2	1758003	1775052	1783048	1772034	0.72	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:58:28	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	268314	270707	274153	271058	1.08	cps
Molybdenum	94-1	1719845	1701920	1700684	1707483	0.63	cps
Molybdenum	95-1	2163015	2145963	2143988	2150989	0.49	cps
Molybdenum	96-1	2386006	2381088	2378387	2381827	0.16	cps
Molybdenum	97-1	1348509	1334613	1351710	1344944	0.68	cps
Molybdenum	98-1	3475014	3457855	3497149	3476673	0.57	cps
Neodymium	150-1	67	80	100	82	20.40	cps
Neodymium	150-2	33	13	17	21	50.75	cps
Nickel	60-2	105523	107326	106476	106442	0.85	cps
Phosphorus	31-2	6777	6952	6860	6863	1.28	cps
Potassium	39-2	692360	707939	717203	705834	1.78	cps
Rhodium	103-1	18083946	17996560	17888243	17989583	0.54	cps
Rhodium	103-2	8467418	8527115	8529935	8508156	0.41	cps
Scandium	45-1	10633729	10555163	10479024	10555972	0.73	cps
Scandium	45-2	434428	437309	445917	439218	1.36	cps
Selenium	77-2	567	720	670	652	11.99	cps
Selenium	78-2	2204	2385	2308	2299	3.96	cps
Selenium	82-1	17631	17904	17363	17633	1.54	cps
Silicon	28-1	637879	642196	646391	642155	0.66	cps
Silver	109-1	1118123	1117329	1121401	1118951	0.19	cps
Silver	107-1	1167604	1168096	1159231	1164977	0.43	cps
Sodium	23-2	3335104	3369867	3400574	3368515	0.97	cps
Strontium	86-1	267062	260914	262677	263551	1.20	cps
Strontium	88-1	2241900	2231196	2246975	2240024	0.36	cps
Sulfur	34-1	680415	677649	662711	673592	1.41	cps
Terbium	159-1	29408032	29440477	29229651	29359387	0.39	cps
Terbium	159-2	12736462	12789571	12919249	12815094	0.73	cps
Thallium	203-1	1070228	1058884	1063958	1064357	0.53	cps
Thallium	205-1	2565129	2555243	2580951	2567107	0.51	cps
Thorium	232-1	3448540	3470315	3483609	3467488	0.51	cps
Tin	118-1	764671	755222	756556	758816	0.67	cps
Titanium	47-1	507838	505460	500184	504494	0.78	cps
Uranium	238-1	3404794	3409300	3415453	3409849	0.16	cps
Vanadium	51-2	171945	171160	176482	173196	1.66	cps
Yttrium	89-1	21879968	21809095	21788153	21825739	0.22	cps
Yttrium	89-2	2717532	2739054	2756702	2737763	0.72	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 14:58:28	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	93047	92836	92179	92687	0.49	cps
Zirconium	90-1	1324384	1318469	1310831	1317895	0.52	cps
Zirconium	91-1	294835	297558	295253	295882	0.50	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:02:41	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	337124	338429	338025	337860	0.20	cps
Antimony	121-1	2155678	2141201	2140303	2145727	0.40	cps
Arsenic	75-1	417756	410441	409746	412648	1.08	cps
Barium	135-1	2539287	2530554	2530308	2533383	0.20	cps
Barium	137-1	4438344	4452457	4412562	4434454	0.46	cps
Beryllium	9-1	340567	337606	338193	338789	0.46	cps
Bismuth	209-1	18929523	19112328	18883098	18974983	0.64	cps
Bismuth	209-2	9819119	9843453	9662655	9775076	1.00	cps
Boron	10-1	57452	55745	57553	56917	1.78	cps
Boron	11-1	273416	271266	278380	274354	1.33	cps
Cadmium	111-1	639330	636080	634517	636642	0.39	cps
Cadmium	106-1	79557	79582	79976	79705	0.29	cps
Cadmium	108-1	48914	48738	49035	48895	0.31	cps
Calcium	43-1	546367	544043	544352	544920	0.23	cps
Calcium	44-1	8918540	8893834	8866212	8892862	0.29	cps
Chromium	52-2	541162	542553	538880	540865	0.34	cps
Cobalt	59-2	930221	937481	927679	931794	0.55	cps
Copper	63-2	1372494	1361946	1365929	1366790	0.39	cps
Dysprosium	156-1	50	83	50	61	31.50	cps
Dysprosium	156-2	70	57	83	70	19.04	cps
Erbium	164-1	117	158	83	119	31.46	cps
Erbium	164-2	47	73	70	63	22.94	cps
Gadolinium	160-1	217	217	142	192	22.59	cps
Gadolinium	160-2	370	300	317	329	11.12	cps
Holmium	165-1	28674676	29100268	29091313	28955419	0.84	cps
Holmium	165-2	13110822	13089341	12954129	13051431	0.65	cps
Indium	115-1	19610712	19605751	19741806	19652757	0.39	cps
Indium	115-2	3236301	3281581	3236427	3251436	0.80	cps
Iron	56-2	24272551	24056846	24045182	24124860	0.53	cps
Iron	57-2	596388	600623	597866	598292	0.36	cps
Krypton	83-1	4768	4651	4761	4726	1.39	cps
Lead	206-1	2151839	2143900	2143752	2146497	0.22	cps
Lead	207-1	1802296	1836848	1828069	1822404	0.99	cps
Lead	208-1	8379663	8465244	8438072	8427660	0.52	cps
Lithium	6-1	4585537	4576182	4540858	4567526	0.52	cps
Magnesium	24-2	4220783	4224399	4178543	4207908	0.61	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:02:41	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	641297	638550	632553	637466	0.70	cps
Molybdenum	94-1	4151063	4158044	4164667	4157925	0.16	cps
Molybdenum	95-1	5236595	5229105	5223325	5229675	0.13	cps
Molybdenum	96-1	5795865	5787566	5788542	5790658	0.08	cps
Molybdenum	97-1	3272687	3248874	3278457	3266673	0.48	cps
Molybdenum	98-1	8438012	8400129	8439684	8425942	0.27	cps
Neodymium	150-1	253	233	193	227	13.48	cps
Neodymium	150-2	30	23	23	26	15.07	cps
Nickel	60-2	248503	246684	247612	247599	0.37	cps
Phosphorus	31-2	16760	16368	15475	16201	4.06	cps
Potassium	39-2	1646315	1643506	1625001	1638274	0.71	cps
Rhodium	103-1	17421888	17358655	17393372	17391305	0.18	cps
Rhodium	103-2	8159022	8249314	8128443	8178926	0.77	cps
Scandium	45-1	10225040	10136613	10165212	10175622	0.44	cps
Scandium	45-2	423805	426591	419042	423146	0.90	cps
Selenium	77-2	1543	1380	1557	1493	6.59	cps
Selenium	78-2	5623	5536	5295	5485	3.10	cps
Selenium	82-1	42596	42722	42676	42665	0.15	cps
Silicon	28-1	1373810	1389958	1398069	1387279	0.89	cps
Silver	109-1	2701495	2718046	2713188	2710910	0.31	cps
Silver	107-1	2812848	2829389	2855148	2832462	0.75	cps
Sodium	23-2	7957262	7936273	7877654	7923730	0.52	cps
Strontium	86-1	626599	628811	621403	625604	0.61	cps
Strontium	88-1	5444117	5422123	5429673	5431971	0.21	cps
Sulfur	34-1	721156	711965	721260	718127	0.74	cps
Terbium	159-1	29280830	29117250	28919964	29106015	0.62	cps
Terbium	159-2	12642414	12697179	12463864	12601153	0.97	cps
Thallium	203-1	2603053	2650109	2659812	2637658	1.15	cps
Thallium	205-1	6398598	6316963	6356098	6357220	0.64	cps
Thorium	232-1	8617982	8610579	8591312	8606625	0.16	cps
Tin	118-1	1849272	1836672	1844215	1843386	0.34	cps
Titanium	47-1	1213939	1211628	1200145	1208571	0.61	cps
Uranium	238-1	8509117	8459773	8387423	8452104	0.72	cps
Vanadium	51-2	412288	411376	405434	409699	0.91	cps
Yttrium	89-1	21409879	21219871	21215992	21281914	0.52	cps
Yttrium	89-2	2633483	2668877	2619929	2640763	0.96	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:02:41	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	220709	217825	217904	218813	0.75	cps
Zirconium	90-1	3234708	3217733	3210501	3220981	0.39	cps
Zirconium	91-1	719968	717904	710657	716177	0.68	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:06:30	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	653074	647074	647659	649269	0.51	cps
Antimony	121-1	4132328	4160179	4139454	4143987	0.35	cps
Arsenic	75-1	786738	792912	790759	790136	0.40	cps
Barium	135-1	4908914	4875682	4891902	4892166	0.34	cps
Barium	137-1	8512404	8430413	8401412	8448076	0.68	cps
Beryllium	9-1	633007	633255	625060	630440	0.74	cps
Bismuth	209-1	18512798	18239580	18365236	18372538	0.74	cps
Bismuth	209-2	9348890	9332676	9359997	9347188	0.15	cps
Boron	10-1	106574	107278	106350	106734	0.45	cps
Boron	11-1	517586	518350	519459	518465	0.18	cps
Cadmium	111-1	1201335	1202353	1208248	1203979	0.31	cps
Cadmium	106-1	141180	141550	140769	141166	0.28	cps
Cadmium	108-1	93968	93988	92949	93635	0.63	cps
Calcium	43-1	1035063	1024603	1020398	1026688	0.74	cps
Calcium	44-1	16833736	16670824	16693423	16732661	0.53	cps
Chromium	52-2	1047592	1046902	1043019	1045838	0.24	cps
Cobalt	59-2	1792941	1797047	1799246	1796411	0.18	cps
Copper	63-2	2599247	2603233	2613518	2605333	0.28	cps
Dysprosium	156-1	167	92	83	114	40.30	cps
Dysprosium	156-2	130	83	80	98	28.59	cps
Erbium	164-1	83	133	92	103	26.06	cps
Erbium	164-2	73	63	83	73	13.64	cps
Gadolinium	160-1	125	200	183	169	23.24	cps
Gadolinium	160-2	317	297	320	311	4.06	cps
Holmium	165-1	28517312	28015615	28407454	28313460	0.93	cps
Holmium	165-2	12774151	12695469	12714133	12727917	0.32	cps
Indium	115-1	18994284	18642047	18810542	18815624	0.94	cps
Indium	115-2	3140692	3125885	3116511	3127696	0.39	cps
Iron	56-2	46834230	46582859	46525279	46647456	0.35	cps
Iron	57-2	1156798	1154391	1155808	1155666	0.10	cps
Krypton	83-1	4307	4271	4431	4336	1.93	cps
Lead	206-1	4152864	4189307	4154155	4165442	0.50	cps
Lead	207-1	3549179	3551752	3575732	3558888	0.41	cps
Lead	208-1	16394990	16246834	16294875	16312233	0.46	cps
Lithium	6-1	4299185	4250809	4228019	4259337	0.85	cps
Magnesium	24-2	8107444	8135071	8035632	8092716	0.63	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 15:06:30 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1236398	1224795	1232101	1231098	0.48	cps
Molybdenum	94-1	7911597	7838932	7863407	7871312	0.47	cps
Molybdenum	95-1	10004161	9824907	9911001	9913357	0.90	cps
Molybdenum	96-1	11173066	11026956	11021132	11073718	0.78	cps
Molybdenum	97-1	6240531	6213973	6186473	6213659	0.44	cps
Molybdenum	98-1	16167989	16090630	16040953	16099857	0.40	cps
Neodymium	150-1	360	393	400	384	5.57	cps
Neodymium	150-2	40	47	47	44	8.66	cps
Nickel	60-2	473706	470547	472464	472239	0.34	cps
Phosphorus	31-2	31952	31910	30916	31593	1.86	cps
Potassium	39-2	3153730	3181127	3164986	3166614	0.43	cps
Rhodium	103-1	16449341	16311703	16356080	16372375	0.43	cps
Rhodium	103-2	7870783	7777481	7810473	7819579	0.61	cps
Scandium	45-1	9577828	9557174	9569083	9568029	0.11	cps
Scandium	45-2	403497	406158	402729	404128	0.45	cps
Selenium	77-2	2887	3044	3090	3007	3.54	cps
Selenium	78-2	10328	9942	10157	10143	1.90	cps
Selenium	82-1	81047	78863	79766	79892	1.37	cps
Silicon	28-1	2445591	2485317	2482174	2471028	0.89	cps
Silver	109-1	5124177	5121804	5133703	5126561	0.12	cps
Silver	107-1	5340854	5339102	5334810	5338255	0.06	cps
Sodium	23-2	15380944	15314350	15301407	15332234	0.28	cps
Strontium	86-1	1192393	1182337	1188264	1187665	0.43	cps
Strontium	88-1	10384546	10323877	10329627	10346016	0.32	cps
Sulfur	34-1	851351	851688	854465	852501	0.20	cps
Terbium	159-1	28448663	28452925	28375935	28425841	0.15	cps
Terbium	159-2	12247799	12167940	12175487	12197076	0.36	cps
Thallium	203-1	5177353	5113795	5132530	5141226	0.64	cps
Thallium	205-1	12186925	12127359	12061254	12125180	0.52	cps
Thorium	232-1	17108079	16949455	16951648	17003060	0.53	cps
Tin	118-1	3566370	3579928	3580779	3575692	0.23	cps
Titanium	47-1	2271108	2275601	2279611	2275440	0.19	cps
Uranium	238-1	16609244	16506362	16392695	16502767	0.66	cps
Vanadium	51-2	795190	798178	796792	796720	0.19	cps
Yttrium	89-1	20303325	20361703	20397298	20354109	0.23	cps
Yttrium	89-2	2539349	2540547	2535439	2538445	0.11	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:06:30	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	419545	420607	416445	418866	0.52	cps
Zirconium	90-1	6132914	6112566	6125795	6123758	0.17	cps
Zirconium	91-1	1366203	1356990	1376487	1366560	0.71	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 15:10:18 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1294203	1288851	1295731	1292928	0.28	cps
Antimony	121-1	8313929	8339187	8365875	8339664	0.31	cps
Arsenic	75-1	1564859	1595761	1586488	1582369	1.00	cps
Barium	135-1	9703110	9753652	9701480	9719414	0.31	cps
Barium	137-1	17146904	17003799	17079117	17076607	0.42	cps
Beryllium	9-1	1248128	1244090	1246741	1246319	0.16	cps
Bismuth	209-1	18266556	18199405	18116616	18194192	0.41	cps
Bismuth	209-2	9233775	9300746	9330335	9288286	0.53	cps
Boron	10-1	211525	214486	214707	213573	0.83	cps
Boron	11-1	994389	1015394	1044994	1018259	2.50	cps
Cadmium	111-1	2375054	2383893	2406135	2388361	0.67	cps
Cadmium	106-1	272991	278634	274753	275459	1.05	cps
Cadmium	108-1	185264	185386	186164	185605	0.26	cps
Calcium	43-1	2062998	2068520	2077925	2069815	0.36	cps
Calcium	44-1	33818480	33755606	33944014	33839367	0.28	cps
Chromium	52-2	2097440	2100628	2099843	2099304	0.08	cps
Cobalt	59-2	3564622	3537252	3583700	3561858	0.66	cps
Copper	63-2	5155075	5149122	5158152	5154116	0.09	cps
Dysprosium	156-1	192	225	217	211	8.22	cps
Dysprosium	156-2	143	223	207	191	22.08	cps
Erbium	164-1	200	75	125	133	47.19	cps
Erbium	164-2	83	87	40	70	37.19	cps
Gadolinium	160-1	217	200	150	189	18.37	cps
Gadolinium	160-2	297	253	333	294	13.60	cps
Holmium	165-1	28619246	28577695	28323233	28506725	0.56	cps
Holmium	165-2	12817016	12872316	12936588	12875307	0.46	cps
Indium	115-1	18668353	18780902	18906883	18785380	0.64	cps
Indium	115-2	3081995	3097553	3124637	3101395	0.70	cps
Iron	56-2	92951244	92411355	93327277	92896625	0.50	cps
Iron	57-2	2309321	2293155	2327244	2309907	0.74	cps
Krypton	83-1	4641	4341	4304	4429	4.17	cps
Lead	206-1	8286408	8251167	8327656	8288410	0.46	cps
Lead	207-1	7117438	7117529	7070249	7101739	0.38	cps
Lead	208-1	32621786	32606451	32529668	32585969	0.15	cps
Lithium	6-1	4247702	4236153	4248488	4244114	0.16	cps
Magnesium	24-2	16193256	16161717	16266424	16207132	0.33	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:10:18	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2471418	2463859	2468916	2468064	0.16	cps
Molybdenum	94-1	15878425	15902462	16030802	15937230	0.51	cps
Molybdenum	95-1	20014713	19966743	20167696	20049718	0.52	cps
Molybdenum	96-1	22436248	22519048	22564033	22506443	0.29	cps
Molybdenum	97-1	12519225	12615559	12756376	12630386	0.94	cps
Molybdenum	98-1	32468641	32751167	32671647	32630485	0.45	cps
Neodymium	150-1	760	893	867	840	8.40	cps
Neodymium	150-2	70	73	93	79	16.00	cps
Nickel	60-2	934320	930551	945050	936640	0.80	cps
Phosphorus	31-2	62081	62557	62113	62250	0.43	cps
Potassium	39-2	6277522	6311581	6358356	6315820	0.64	cps
Rhodium	103-1	16323233	16400002	16336196	16353144	0.25	cps
Rhodium	103-2	7749698	7763538	7792550	7768595	0.28	cps
Scandium	45-1	9702574	9678788	9658354	9679905	0.23	cps
Scandium	45-2	405319	405847	410133	407099	0.65	cps
Selenium	77-2	6038	6171	5865	6025	2.55	cps
Selenium	78-2	20272	20407	20344	20341	0.33	cps
Selenium	82-1	158633	159157	160388	159393	0.57	cps
Silicon	28-1	5018908	5077427	5175418	5090584	1.55	cps
Silver	109-1	10103651	9997195	10119877	10073574	0.66	cps
Silver	107-1	10525201	10659449	10583454	10589368	0.64	cps
Sodium	23-2	30678303	30537470	30853700	30689824	0.52	cps
Strontium	86-1	2379733	2365483	2370354	2371857	0.31	cps
Strontium	88-1	20736985	20718900	20638555	20698147	0.25	cps
Sulfur	34-1	1216027	1228944	1236090	1227020	0.83	cps
Terbium	159-1	28579407	28637902	28515494	28577601	0.21	cps
Terbium	159-2	12299814	12276557	12364702	12313691	0.37	cps
Thallium	203-1	10190602	10114561	10138385	10147849	0.38	cps
Thallium	205-1	24418666	24475926	24549361	24481317	0.27	cps
Thorium	232-1	34182455	34339506	33839519	34120493	0.75	cps
Tin	118-1	7063960	7126254	7094432	7094882	0.44	cps
Titanium	47-1	4603985	4617812	4627781	4616526	0.26	cps
Uranium	238-1	33453927	33550257	33265881	33423355	0.43	cps
Vanadium	51-2	1608961	1603164	1597441	1603189	0.36	cps
Yttrium	89-1	20532651	20628765	20452867	20538094	0.43	cps
Yttrium	89-2	2551465	2570498	2563777	2561913	0.38	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:10:18	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	826258	816484	828894	823879	0.79	cps
Zirconium	90-1	12346053	12380932	12338604	12355196	0.18	cps
Zirconium	91-1	2735330	2745424	2764734	2748496	0.54	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:14:03	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2559604	2553457	2558917	2557326	0.13	cps
Antimony	121-1	16386040	16335171	16466945	16396052	0.41	cps
Arsenic	75-1	3121101	3124101	3105241	3116814	0.33	cps
Barium	135-1	19180215	19304604	19354480	19279766	0.47	cps
Barium	137-1	33633302	33700724	33903410	33745812	0.42	cps
Beryllium	9-1	2404887	2416025	2412648	2411187	0.24	cps
Bismuth	209-1	17791618	17623192	17751167	17721992	0.50	cps
Bismuth	209-2	9025719	9003785	8965217	8998241	0.34	cps
Boron	10-1	408364	423979	425822	419388	2.29	cps
Boron	11-1	1976196	2006963	2051556	2011571	1.88	cps
Cadmium	111-1	4943161	4979159	5001599	4974640	0.59	cps
Cadmium	106-1	558795	556782	555840	557139	0.27	cps
Cadmium	108-1	379591	376863	382843	379765	0.79	cps
Calcium	43-1	4116321	4111587	4110380	4112763	0.08	cps
Calcium	44-1	66965074	67507620	67003079	67158591	0.45	cps
Chromium	52-2	4144288	4141778	4157167	4147744	0.20	cps
Cobalt	59-2	6940514	6943615	7001720	6961950	0.50	cps
Copper	63-2	11280628	11235755	11246307	11254230	0.21	cps
Dysprosium	156-1	242	300	225	256	15.41	cps
Dysprosium	156-2	230	330	257	272	19.02	cps
Erbium	164-1	192	100	125	139	34.12	cps
Erbium	164-2	53	73	73	67	17.32	cps
Gadolinium	160-1	242	200	217	219	9.56	cps
Gadolinium	160-2	297	330	377	334	12.01	cps
Holmium	165-1	28119266	28200331	28408654	28242750	0.53	cps
Holmium	165-2	12750446	12731802	12732949	12738399	0.08	cps
Indium	115-1	18377030	18488161	18390125	18418438	0.33	cps
Indium	115-2	3021748	3037986	3033143	3030959	0.28	cps
Iron	56-2	185074610	184154643	183745449	184324900	0.37	cps
Iron	57-2	4563370	4564665	4605563	4577866	0.52	cps
Krypton	83-1	4437	4437	4647	4507	2.69	cps
Lead	206-1	16180131	16279828	16222763	16227574	0.31	cps
Lead	207-1	13753330	13744523	13876465	13791439	0.53	cps
Lead	208-1	63381183	63219989	63765529	63455567	0.44	cps
Lithium	6-1	4143103	4148069	4153805	4148326	0.13	cps
Magnesium	24-2	32018915	31910636	31913755	31947769	0.19	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:14:03	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4913175	4870410	4899700	4894428	0.45	cps
Molybdenum	94-1	31500148	31515065	31711976	31575730	0.37	cps
Molybdenum	95-1	39694744	39474965	39475951	39548553	0.32	cps
Molybdenum	96-1	44440368	43925071	44225630	44197023	0.59	cps
Molybdenum	97-1	25065182	24829548	24912481	24935737	0.48	cps
Molybdenum	98-1	64548331	64627943	64559987	64578754	0.07	cps
Neodymium	150-1	1533	1533	1633	1567	3.69	cps
Neodymium	150-2	133	137	120	130	6.79	cps
Nickel	60-2	1810241	1822571	1826028	1819613	0.46	cps
Phosphorus	31-2	123921	122702	124256	123626	0.66	cps
Potassium	39-2	12517851	12518546	12601527	12545975	0.38	cps
Rhodium	103-1	15811781	15980276	15785549	15859202	0.67	cps
Rhodium	103-2	7516173	7566519	7543339	7542010	0.33	cps
Scandium	45-1	9597572	9692154	9640152	9643293	0.49	cps
Scandium	45-2	409935	407323	409314	408857	0.33	cps
Selenium	77-2	11812	12018	11668	11833	1.49	cps
Selenium	78-2	39355	39368	39609	39444	0.36	cps
Selenium	82-1	305397	305878	305044	305440	0.14	cps
Silicon	28-1	8864601	8913773	8988862	8922412	0.70	cps
Silver	109-1	20811327	20779317	20863931	20818191	0.21	cps
Silver	107-1	21755408	21780668	21725661	21753912	0.13	cps
Sodium	23-2	60801849	61064039	60853431	60906440	0.23	cps
Strontium	86-1	4654225	4681963	4704782	4680323	0.54	cps
Strontium	88-1	41043360	41162080	41059529	41088323	0.16	cps
Sulfur	34-1	1953096	1950140	1952872	1952036	0.08	cps
Terbium	159-1	28261825	28300588	28465707	28342707	0.38	cps
Terbium	159-2	12284297	12154584	12191726	12210202	0.55	cps
Thallium	203-1	19791669	19913837	19868673	19858060	0.31	cps
Thallium	205-1	47771184	47848033	47508905	47709374	0.37	cps
Thorium	232-1	67788371	67584721	67507135	67626742	0.21	cps
Tin	118-1	14088296	14044155	14008015	14046822	0.29	cps
Titanium	47-1	9234421	9239402	9243917	9239247	0.05	cps
Uranium	238-1	65264445	65636666	65388391	65429834	0.29	cps
Vanadium	51-2	3201963	3178782	3202779	3194508	0.43	cps
Yttrium	89-1	20341924	20491253	20473948	20435708	0.40	cps
Yttrium	89-2	2545871	2557062	2547058	2549997	0.24	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:14:03	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1656682	1667671	1669025	1664459	0.41	cps
Zirconium	90-1	24569261	24739052	24861799	24723371	0.59	cps
Zirconium	91-1	5495431	5501868	5493824	5497041	0.08	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:17:50	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12574283	12753022	12796430	12707912	0.93	cps
Antimony	121-1	21359	22527	22970	22285	3.73	cps
Arsenic	75-1	-6695	-6883	-6100	-6559	-6.23	cps
Barium	135-1	1675	1875	1725	1759	5.92	cps
Barium	137-1	2884	2967	2850	2900	2.07	cps
Beryllium	9-1	377	407	377	387	4.48	cps
Bismuth	209-1	15259479	15277388	15269123	15268663	0.06	cps
Bismuth	209-2	7787188	7785512	7812888	7795196	0.20	cps
Boron	10-1	24312	21382	19613	21769	10.90	cps
Boron	11-1	110939	105593	96827	104453	6.82	cps
Cadmium	111-1	6709	6574	6780	6688	1.57	cps
Cadmium	106-1	8820	8761	9028	8870	1.58	cps
Cadmium	108-1	104	108	104	106	2.28	cps
Calcium	43-1	18894959	18928695	19158462	18994039	0.75	cps
Calcium	44-1	310373382	313968265	314547232	312962960	0.72	cps
Chromium	52-2	114130	113905	115310	114449	0.66	cps
Cobalt	59-2	79393	79689	79725	79602	0.23	cps
Copper	63-2	15395	15662	15619	15558	0.92	cps
Dysprosium	156-1	42	83	83	69	34.64	cps
Dysprosium	156-2	43	53	13	37	56.78	cps
Erbium	164-1	150	117	117	128	15.06	cps
Erbium	164-2	100	70	80	83	18.33	cps
Gadolinium	160-1	142	233	217	197	24.76	cps
Gadolinium	160-2	310	280	257	282	9.47	cps
Holmium	165-1	26501034	26281599	26616433	26466355	0.64	cps
Holmium	165-2	12015189	12098338	12131990	12081839	0.50	cps
Indium	115-1	16995747	17018553	17105328	17039876	0.34	cps
Indium	115-2	2858661	2878940	2902544	2880048	0.76	cps
Iron	56-2	850043752	856885775	865847397	857592308	0.92	cps
Iron	57-2	20990978	21292582	21358823	21214128	0.92	cps
Krypton	83-1	4284	4571	4114	4323	5.34	cps
Lead	206-1	10999	11767	11500	11422	3.41	cps
Lead	207-1	10065	9887	9843	9932	1.19	cps
Lead	208-1	43768	44858	44402	44343	1.24	cps
Lithium	6-1	3898593	3928382	3938645	3921873	0.53	cps
Magnesium	24-2	147947616	149400412	150634016	149327348	0.90	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:17:50	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14631	15362	16146	15379	4.93	cps
Molybdenum	94-1	24171	23286	22360	23273	3.89	cps
Molybdenum	95-1	37751	37058	35487	36765	3.16	cps
Molybdenum	96-1	41796	41353	39163	40770	3.46	cps
Molybdenum	97-1	23420	23270	22635	23108	1.80	cps
Molybdenum	98-1	60396	57233	56973	58200	3.27	cps
Neodymium	150-1	147	207	160	171	18.41	cps
Neodymium	150-2	60	80	93	78	21.57	cps
Nickel	60-2	47062	47166	47500	47243	0.48	cps
Phosphorus	31-2	67	183	67	106	63.81	cps
Potassium	39-2	60161778	61230724	61105618	60832707	0.96	cps
Rhodium	103-1	14220677	14083755	14245190	14183208	0.61	cps
Rhodium	103-2	6742248	6807223	6827794	6792422	0.66	cps
Scandium	45-1	9191577	9273868	9383948	9283131	1.04	cps
Scandium	45-2	398639	403374	403803	401938	0.71	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	39	59	54	51	20.80	cps
Selenium	82-1	229	-145	245	109	201.81	cps
Silicon	28-1	474249	483053	470835	476046	1.32	cps
Silver	109-1	908	1092	1058	1020	9.58	cps
Silver	107-1	1258	1117	1300	1225	7.85	cps
Sodium	23-2	285830040	286730356	288908273	287156223	0.55	cps
Strontium	86-1	24021	24430	24405	24285	0.94	cps
Strontium	88-1	156106	155620	156865	156197	0.40	cps
Sulfur	34-1	500200	504450	510170	504940	0.99	cps
Terbium	159-1	26321304	26296911	26604690	26407635	0.65	cps
Terbium	159-2	11524977	11526756	11619467	11557067	0.47	cps
Thallium	203-1	5018	4543	4309	4623	7.81	cps
Thallium	205-1	10646	10847	9987	10493	4.28	cps
Thorium	232-1	11972	11744	11533	11750	1.87	cps
Tin	118-1	6602	7586	6685	6958	7.84	cps
Titanium	47-1	2034	1950	2192	2059	5.96	cps
Uranium	238-1	5201	4918	5001	5040	2.89	cps
Vanadium	51-2	533	577	477	529	9.48	cps
Yttrium	89-1	19163700	19309323	19498783	19323936	0.87	cps
Yttrium	89-2	2445090	2463557	2481486	2463377	0.74	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:17:50	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13580	13256	13637	13491	1.52	cps
Zirconium	90-1	5785	6502	6010	6099	6.01	cps
Zirconium	91-1	1300	1375	1350	1342	2.85	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:26:40	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61536	62741	61712	61996	1.05	cps
Antimony	121-1	3292578	3286705	3249669	3276317	0.71	cps
Arsenic	75-1	651285	653797	637858	647647	1.32	cps
Barium	135-1	394749	392675	390256	392560	0.57	cps
Barium	137-1	691518	686384	688561	688821	0.37	cps
Beryllium	9-1	254984	253577	248631	252397	1.32	cps
Bismuth	209-1	19064618	19067437	18941597	19024551	0.38	cps
Bismuth	209-2	9691274	9776998	9478454	9648909	1.59	cps
Boron	10-1	247234	251033	246967	248411	0.92	cps
Boron	11-1	1195740	1186927	1166850	1183172	1.25	cps
Cadmium	111-1	520995	521668	517751	520138	0.40	cps
Cadmium	106-1	111822	109094	108690	109869	1.55	cps
Cadmium	108-1	64095	63078	62513	63228	1.27	cps
Calcium	43-1	98108	92728	92816	94550	3.26	cps
Calcium	44-1	1498443	1468887	1455601	1474310	1.49	cps
Chromium	52-2	409843	412761	404505	409036	1.02	cps
Cobalt	59-2	722302	724990	710441	719245	1.08	cps
Copper	63-2	532125	531102	515073	526100	1.82	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	23	40	30	31	26.97	cps
Erbium	164-1	275	283	192	250	20.28	cps
Erbium	164-2	170	110	90	123	33.76	cps
Gadolinium	160-1	200	142	242	194	25.83	cps
Gadolinium	160-2	330	343	317	330	4.04	cps
Holmium	165-1	29176643	28601659	28216482	28664928	1.69	cps
Holmium	165-2	12926334	13010441	12666957	12867911	1.39	cps
Indium	115-1	19864490	19726144	19357554	19649396	1.33	cps
Indium	115-2	3203536	3217127	3107895	3176186	1.87	cps
Iron	56-2	3744204	3756477	3685085	3728588	1.02	cps
Iron	57-2	93418	93631	90959	92669	1.60	cps
Krypton	83-1	4661	4791	4427	4626	3.98	cps
Lead	206-1	3348971	3304674	3324692	3326112	0.67	cps
Lead	207-1	2821123	2837922	2806623	2821889	0.56	cps
Lead	208-1	13098809	13034086	13000350	13044415	0.38	cps
Lithium	6-1	4572113	4477870	4423290	4491091	1.68	cps
Magnesium	24-2	392225	392351	385074	389884	1.07	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:26:40	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	245059	246716	239288	243688	1.60	cps
Molybdenum	94-1	15717764	15483345	15390336	15530482	1.09	cps
Molybdenum	95-1	19810224	19562659	19406256	19593046	1.04	cps
Molybdenum	96-1	22057773	21872845	21771462	21900694	0.66	cps
Molybdenum	97-1	12420279	12248222	12176184	12281562	1.02	cps
Molybdenum	98-1	32185788	31819354	31575143	31860095	0.96	cps
Neodymium	150-1	47	20	20	29	53.30	cps
Neodymium	150-2	13	17	13	14	13.35	cps
Nickel	60-2	197079	196363	191465	194969	1.57	cps
Phosphorus	31-2	225	133	217	192	26.45	cps
Potassium	39-2	531923	528594	514915	525144	1.72	cps
Rhodium	103-1	17644342	17400137	17182171	17408883	1.33	cps
Rhodium	103-2	8196995	8252241	7925682	8124973	2.15	cps
Scandium	45-1	10344587	10098206	10001285	10148026	1.74	cps
Scandium	45-2	415173	416961	406208	412781	1.40	cps
Selenium	77-2	2477	2380	2377	2411	2.36	cps
Selenium	78-2	8375	8493	8230	8366	1.57	cps
Selenium	82-1	66203	65919	66004	66042	0.22	cps
Silicon	28-1	3857957	3853669	3781726	3831117	1.12	cps
Silver	109-1	1909465	1914823	1889047	1904445	0.71	cps
Silver	107-1	2021539	1987172	1963941	1990884	1.46	cps
Sodium	23-2	1257115	1270704	1245554	1257791	1.00	cps
Strontium	86-1	2302418	2284437	2259605	2282154	0.94	cps
Strontium	88-1	20410990	20008776	19865126	20094964	1.41	cps
Sulfur	34-1	528833	523903	516086	522941	1.23	cps
Terbium	159-1	29133461	28827788	28517033	28826094	1.07	cps
Terbium	159-2	12463621	12491044	12150674	12368446	1.53	cps
Thallium	203-1	4130851	4119369	4138496	4129572	0.23	cps
Thallium	205-1	9971410	9855193	9776613	9867739	0.99	cps
Thorium	232-1	8985671	8967754	8978473	8977299	0.10	cps
Tin	118-1	6826457	6754844	6684797	6755366	1.05	cps
Titanium	47-1	4808411	4767419	4672500	4749444	1.47	cps
Uranium	238-1	34504170	34333236	34489131	34442179	0.27	cps
Vanadium	51-2	313364	314990	306959	311771	1.36	cps
Yttrium	89-1	21537559	21255321	20984551	21259143	1.30	cps
Yttrium	89-2	2622026	2623648	2540338	2595337	1.84	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:26:40	DataFile Name :	011ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	170455	173767	168598	170940	1.53	cps
Zirconium	90-1	12108686	12001208	11900654	12003516	0.87	cps
Zirconium	91-1	2662314	2667191	2658323	2662609	0.17	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:35:19	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	58	17	28	96.44	cps
Antimony	121-1	1425	1750	1375	1517	13.43	cps
Arsenic	75-1	-11750	-11035	-11505	-11430	-3.18	cps
Barium	135-1	42	83	58	61	34.32	cps
Barium	137-1	50	108	33	64	61.65	cps
Beryllium	9-1	173	180	170	174	2.92	cps
Bismuth	209-1	18682503	18949743	18955691	18862646	0.83	cps
Bismuth	209-2	9579611	9680634	9759304	9673183	0.93	cps
Boron	10-1	3801	3826	3751	3792	1.01	cps
Boron	11-1	17244	17811	17094	17383	2.18	cps
Cadmium	111-1	6474	6063	6317	6285	3.30	cps
Cadmium	106-1	9153	8520	8937	8870	3.63	cps
Cadmium	108-1	42	13	25	26	55.46	cps
Calcium	43-1	158	117	167	147	18.20	cps
Calcium	44-1	15709	14842	15993	15515	3.87	cps
Chromium	52-2	743	733	783	753	3.51	cps
Cobalt	59-2	87	107	57	83	30.20	cps
Copper	63-2	1217	1337	1230	1261	5.22	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	33	27	23	28	18.33	cps
Erbium	164-1	100	117	100	106	9.11	cps
Erbium	164-2	90	60	70	73	20.83	cps
Gadolinium	160-1	150	175	225	183	20.83	cps
Gadolinium	160-2	307	223	323	284	18.84	cps
Holmium	165-1	28146732	28533812	28386848	28355797	0.69	cps
Holmium	165-2	12804316	12879711	12854894	12846307	0.30	cps
Indium	115-1	19475925	19568218	19511848	19518664	0.24	cps
Indium	115-2	3220276	3245129	3273927	3246444	0.83	cps
Iron	56-2	3234	3712	3784	3576	8.36	cps
Iron	57-2	94	100	139	111	21.79	cps
Krypton	83-1	4681	4654	4694	4676	0.44	cps
Lead	206-1	1756	1850	1867	1824	3.28	cps
Lead	207-1	1845	1633	1667	1715	6.62	cps
Lead	208-1	6540	6829	6801	6723	2.37	cps
Lithium	6-1	4551770	4546609	4564598	4554326	0.20	cps
Magnesium	24-2	600	533	525	553	7.44	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 15:35:19 DataFile Name : 012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	40	23	36	30.14	cps
Molybdenum	94-1	1684	1575	1567	1608	4.05	cps
Molybdenum	95-1	1742	1792	1934	1822	5.46	cps
Molybdenum	96-1	2275	1967	1925	2056	9.30	cps
Molybdenum	97-1	1192	1183	1433	1270	11.19	cps
Molybdenum	98-1	3167	3201	2925	3098	4.85	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	13	3	20	12	68.66	cps
Nickel	60-2	90	143	157	130	27.14	cps
Phosphorus	31-2	183	192	58	144	51.71	cps
Potassium	39-2	23060	23010	22651	22907	0.97	cps
Rhodium	103-1	17282483	17430246	17250147	17320959	0.55	cps
Rhodium	103-2	8173524	8235439	8266502	8225155	0.58	cps
Scandium	45-1	10055828	10060916	9997447	10038064	0.35	cps
Scandium	45-2	416532	423820	422435	420929	0.92	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	37	65	63	55	28.27	cps
Selenium	82-1	24	-184	-27	-62	-173.73	cps
Silicon	28-1	114184	115459	113830	114491	0.75	cps
Silver	109-1	208	217	200	208	4.00	cps
Silver	107-1	367	425	400	397	7.37	cps
Sodium	23-2	39637	40264	38801	39567	1.85	cps
Strontium	86-1	7119	7110	8111	7447	7.73	cps
Strontium	88-1	367	408	342	372	9.05	cps
Sulfur	34-1	522797	523625	520814	522412	0.28	cps
Terbium	159-1	28572990	28565543	28500028	28546187	0.14	cps
Terbium	159-2	12329364	12390974	12341449	12353929	0.26	cps
Thallium	203-1	1550	1342	1283	1392	10.07	cps
Thallium	205-1	2567	2609	2434	2536	3.61	cps
Thorium	232-1	4962	4962	5323	5083	4.10	cps
Tin	118-1	3434	3276	2742	3151	11.51	cps
Titanium	47-1	150	225	175	183	20.83	cps
Uranium	238-1	3709	3501	4001	3737	6.72	cps
Vanadium	51-2	7	20	20	16	49.47	cps
Yttrium	89-1	21103485	20961579	21044998	21036687	0.34	cps
Yttrium	89-2	2598718	2613362	2642358	2618146	0.85	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:35:19	DataFile Name :	012CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	243	340	220	268	23.76	cps
Zirconium	90-1	1909	1800	1742	1817	4.66	cps
Zirconium	91-1	342	400	392	378	8.35	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 15:38:56 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12060926	12055307	12140698	12085643	0.40	cps
Antimony	121-1	18137	18930	19156	18741	2.85	cps
Arsenic	75-1	-7751	-8632	-7526	-7970	-7.33	cps
Barium	135-1	5635	5501	5218	5451	3.91	cps
Barium	137-1	9912	9929	10071	9971	0.87	cps
Beryllium	9-1	817	833	737	796	6.50	cps
Bismuth	209-1	17204316	17260570	17123651	17196179	0.40	cps
Bismuth	209-2	8772840	8868532	8881241	8840871	0.67	cps
Boron	10-1	3509	3384	3334	3409	2.65	cps
Boron	11-1	17102	16777	16142	16674	2.93	cps
Cadmium	111-1	10291	9947	10070	10103	1.72	cps
Cadmium	106-1	9078	9095	8620	8931	3.02	cps
Cadmium	108-1	6714	7335	7119	7056	4.47	cps
Calcium	43-1	4024092	4052925	4071638	4049552	0.59	cps
Calcium	44-1	66179199	66288814	66848299	66438771	0.54	cps
Chromium	52-2	83448	84279	85218	84315	1.05	cps
Cobalt	59-2	8586	8643	8833	8687	1.49	cps
Copper	63-2	39711	40419	41017	40382	1.62	cps
Dysprosium	156-1	108	75	75	86	22.35	cps
Dysprosium	156-2	77	57	63	66	15.54	cps
Erbium	164-1	200	192	158	183	12.03	cps
Erbium	164-2	123	117	73	104	25.99	cps
Gadolinium	160-1	183	283	225	231	21.79	cps
Gadolinium	160-2	373	300	307	327	12.41	cps
Holmium	165-1	27929164	28118912	28299787	28115954	0.66	cps
Holmium	165-2	12809672	12927656	12795032	12844120	0.57	cps
Indium	115-1	18431059	18655242	18845599	18643967	1.11	cps
Indium	115-2	3110028	3115546	3105427	3110334	0.16	cps
Iron	56-2	367719853	371194019	369353953	369422608	0.47	cps
Iron	57-2	9101709	9080306	9167360	9116458	0.50	cps
Krypton	83-1	4427	4461	4784	4557	4.32	cps
Lead	206-1	77318	78341	78777	78145	0.96	cps
Lead	207-1	59339	61046	60131	60172	1.42	cps
Lead	208-1	284143	288220	289614	287326	0.99	cps
Lithium	6-1	4255406	4243641	4257176	4252074	0.17	cps
Magnesium	24-2	32579717	32449291	32593450	32540819	0.24	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 15:38:56 DataFile Name : 013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19270	19673	20144	19696	2.22	cps
Molybdenum	94-1	8088479	8148404	8233903	8156929	0.90	cps
Molybdenum	95-1	14274201	14444429	14522344	14413658	0.88	cps
Molybdenum	96-1	15479012	15488179	15653370	15540187	0.63	cps
Molybdenum	97-1	9023952	9123125	9089497	9078858	0.56	cps
Molybdenum	98-1	23477178	23423132	23645447	23515252	0.49	cps
Neodymium	150-1	113	113	67	98	27.56	cps
Neodymium	150-2	47	30	30	36	27.07	cps
Nickel	60-2	10250	10240	10424	10305	1.00	cps
Phosphorus	31-2	606408	605435	614775	608873	0.84	cps
Potassium	39-2	25460118	25617041	25872231	25649797	0.81	cps
Rhodium	103-1	16000115	15965915	16073275	16013102	0.34	cps
Rhodium	103-2	7655619	7696345	7627408	7659791	0.45	cps
Scandium	45-1	9810811	9910648	9971458	9897639	0.82	cps
Scandium	45-2	416547	424019	422901	421156	0.96	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	48	57	50	52	9.45	cps
Selenium	82-1	50	197	-161	28	631.89	cps
Silicon	28-1	286998	288440	294346	289928	1.34	cps
Silver	109-1	717	917	1050	895	18.76	cps
Silver	107-1	850	958	1100	970	12.93	cps
Sodium	23-2	62248299	61652420	62455258	62118659	0.67	cps
Strontium	86-1	164430	163140	168055	165208	1.54	cps
Strontium	88-1	1394957	1396109	1410058	1400374	0.60	cps
Sulfur	34-1	5807867	5823043	5834301	5821737	0.23	cps
Terbium	159-1	28168703	28048890	28346265	28187953	0.53	cps
Terbium	159-2	12198574	12432677	12323362	12318204	0.95	cps
Thallium	203-1	2809	3126	3276	3070	7.76	cps
Thallium	205-1	6093	6644	7644	6794	11.57	cps
Thorium	232-1	4423	4901	4468	4597	5.74	cps
Tin	118-1	4668	4918	5135	4907	4.76	cps
Titanium	47-1	3707281	3725686	3794790	3742586	1.23	cps
Uranium	238-1	4468	3984	4276	4243	5.74	cps
Vanadium	51-2	627	563	587	592	5.41	cps
Yttrium	89-1	20535592	20700555	20674438	20636861	0.43	cps
Yttrium	89-2	2572638	2608190	2597647	2592825	0.70	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:38:56	DataFile Name :	013ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9843	9803	10120	9922	1.74	cps
Zirconium	90-1	2400	2459	2650	2503	5.23	cps
Zirconium	91-1	483	550	575	536	8.84	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:42:33	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12361889	12319776	12484206	12388624	0.69	cps
Antimony	121-1	347485	349769	349989	349081	0.40	cps
Arsenic	75-1	56694	57491	56643	56943	0.84	cps
Barium	135-1	85923	86643	85756	86108	0.55	cps
Barium	137-1	149143	151938	149732	150271	0.98	cps
Beryllium	9-1	50721	50581	49842	50381	0.94	cps
Bismuth	209-1	17271728	17355706	17412653	17346696	0.41	cps
Bismuth	209-2	8984595	8932883	8998096	8971858	0.38	cps
Boron	10-1	22042	22893	22517	22484	1.90	cps
Boron	11-1	105408	105702	106733	105948	0.66	cps
Cadmium	111-1	103362	104057	103296	103572	0.41	cps
Cadmium	106-1	21976	22535	21050	21854	3.43	cps
Cadmium	108-1	15017	15309	15438	15254	1.41	cps
Calcium	43-1	4165687	4212222	4226542	4201484	0.76	cps
Calcium	44-1	68617764	69131712	69233177	68994218	0.48	cps
Chromium	52-2	172304	171740	172978	172341	0.36	cps
Cobalt	59-2	156996	154419	156306	155907	0.86	cps
Copper	63-2	147430	146861	147195	147162	0.19	cps
Dysprosium	156-1	167	67	142	125	41.63	cps
Dysprosium	156-2	33	50	57	47	25.76	cps
Erbium	164-1	142	242	217	200	26.02	cps
Erbium	164-2	120	93	130	114	16.56	cps
Gadolinium	160-1	300	208	275	261	18.15	cps
Gadolinium	160-2	343	353	310	336	6.76	cps
Holmium	165-1	28913843	28583440	28675818	28724367	0.59	cps
Holmium	165-2	13093214	13044103	13120742	13086020	0.30	cps
Indium	115-1	19019392	19145367	19254996	19139918	0.62	cps
Indium	115-2	3155587	3150002	3160346	3155312	0.16	cps
Iron	56-2	378799175	378112764	378319831	378410590	0.09	cps
Iron	57-2	9347481	9318620	9368884	9344995	0.27	cps
Krypton	83-1	4904	4627	4848	4793	3.05	cps
Lead	206-1	401986	410102	404961	405683	1.01	cps
Lead	207-1	323781	327361	329339	326827	0.86	cps
Lead	208-1	1515322	1540767	1538471	1531520	0.92	cps
Lithium	6-1	4285924	4314557	4315762	4305414	0.39	cps
Magnesium	24-2	33139955	33051379	33284009	33158448	0.35	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:42:33	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70518	69386	69540	69815	0.88	cps
Molybdenum	94-1	9013652	9162023	9045635	9073770	0.86	cps
Molybdenum	95-1	15212998	15452808	15187145	15284317	0.96	cps
Molybdenum	96-1	16540728	16668976	16486310	16565338	0.57	cps
Molybdenum	97-1	9636659	9681177	9585747	9634528	0.50	cps
Molybdenum	98-1	24749571	24911428	24709033	24790011	0.43	cps
Neodymium	150-1	67	67	80	71	10.82	cps
Neodymium	150-2	33	57	37	42	29.89	cps
Nickel	60-2	48965	47751	48624	48447	1.29	cps
Phosphorus	31-2	630744	626378	632068	629730	0.47	cps
Potassium	39-2	26469811	26316153	26437240	26407734	0.31	cps
Rhodium	103-1	16452783	16401852	16312671	16389102	0.43	cps
Rhodium	103-2	7759308	7780635	7854388	7798110	0.64	cps
Scandium	45-1	10299818	10246813	10226475	10257702	0.37	cps
Scandium	45-2	430817	426786	433912	430505	0.83	cps
Selenium	77-2	230	227	297	251	15.73	cps
Selenium	78-2	809	850	830	830	2.46	cps
Selenium	82-1	5960	6282	6116	6119	2.63	cps
Silicon	28-1	671754	680962	687094	679937	1.14	cps
Silver	109-1	379958	386533	382227	382906	0.87	cps
Silver	107-1	399124	402442	400776	400781	0.41	cps
Sodium	23-2	63196404	63254624	63764270	63405099	0.49	cps
Strontium	86-1	424386	431967	429752	428702	0.91	cps
Strontium	88-1	3660954	3708045	3705831	3691610	0.72	cps
Sulfur	34-1	6043941	6095874	6089408	6076407	0.47	cps
Terbium	159-1	28704735	28935237	28635339	28758437	0.55	cps
Terbium	159-2	12460452	12484469	12582811	12509244	0.52	cps
Thallium	203-1	398014	400838	397192	398681	0.48	cps
Thallium	205-1	948605	973282	955879	959255	1.32	cps
Thorium	232-1	5835	6146	5662	5881	4.17	cps
Tin	118-1	631647	644872	652761	643094	1.66	cps
Titanium	47-1	3977489	3995565	3994188	3989081	0.25	cps
Uranium	238-1	2865897	2910790	2911359	2896015	0.90	cps
Vanadium	51-2	66563	65679	66763	66335	0.87	cps
Yttrium	89-1	21246414	21274342	21199981	21240246	0.18	cps
Yttrium	89-2	2641138	2660548	2657792	2653159	0.40	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:42:33	DataFile Name :	014ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	26250	26257	26661	26390	0.89	cps
Zirconium	90-1	1142267	1159494	1154832	1152198	0.77	cps
Zirconium	91-1	253861	258806	259301	257323	1.17	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:46:23	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7133374	7113063	7137530	7127989	0.18	cps
Antimony	121-1	8009400	7968143	7935023	7970855	0.47	cps
Arsenic	75-1	1634928	1634378	1632032	1633779	0.09	cps
Barium	135-1	9636640	9566849	9496760	9566749	0.73	cps
Barium	137-1	16804149	16701063	16744575	16749929	0.31	cps
Beryllium	9-1	1217220	1226738	1222100	1222020	0.39	cps
Bismuth	209-1	16496421	16610796	16561376	16556198	0.35	cps
Bismuth	209-2	8470855	8490509	8475718	8479027	0.12	cps
Boron	10-1	207551	208541	213562	209885	1.54	cps
Boron	11-1	998263	1007970	1032382	1012872	1.74	cps
Cadmium	111-1	2547374	2544735	2547495	2546535	0.06	cps
Cadmium	106-1	283842	289748	291823	288471	1.44	cps
Cadmium	108-1	194091	195457	196395	195314	0.59	cps
Calcium	43-1	10088752	10098217	10174347	10120439	0.46	cps
Calcium	44-1	165329158	165594212	165848566	165590645	0.16	cps
Chromium	52-2	2133480	2134952	2131341	2133258	0.09	cps
Cobalt	59-2	3515322	3529283	3508628	3517744	0.30	cps
Copper	63-2	5664786	5677476	5685209	5675824	0.18	cps
Dysprosium	156-1	225	175	250	217	17.62	cps
Dysprosium	156-2	147	170	170	162	8.30	cps
Erbium	164-1	175	167	75	139	39.95	cps
Erbium	164-2	83	67	113	88	26.94	cps
Gadolinium	160-1	167	200	133	167	20.00	cps
Gadolinium	160-2	337	313	337	329	4.10	cps
Holmium	165-1	27997319	27880248	27977907	27951825	0.22	cps
Holmium	165-2	12692761	12645625	12661005	12666464	0.19	cps
Indium	115-1	18454202	18418847	18304142	18392397	0.43	cps
Indium	115-2	3021504	3053458	3029868	3034943	0.55	cps
Iron	56-2	455114077	456746088	456513577	456124581	0.19	cps
Iron	57-2	11238708	11321249	11249509	11269822	0.40	cps
Krypton	83-1	4461	4511	4334	4435	2.05	cps
Lead	206-1	7707517	7724457	7718188	7716721	0.11	cps
Lead	207-1	6549789	6574096	6607405	6577097	0.44	cps
Lead	208-1	30176308	30296306	30317280	30263298	0.25	cps
Lithium	6-1	4233702	4211423	4222867	4222664	0.26	cps
Magnesium	24-2	79645639	80034441	79805837	79828639	0.24	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:46:23	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2457085	2454545	2472623	2461417	0.40	cps
Molybdenum	94-1	16169130	15955030	16058482	16060880	0.67	cps
Molybdenum	95-1	20222837	20123072	20150055	20165321	0.26	cps
Molybdenum	96-1	22633211	22470667	22527143	22543674	0.37	cps
Molybdenum	97-1	12739987	12684335	12657109	12693810	0.33	cps
Molybdenum	98-1	32853428	32742986	32691633	32762682	0.25	cps
Neodymium	150-1	833	793	667	764	11.38	cps
Neodymium	150-2	100	100	77	92	14.61	cps
Nickel	60-2	922769	921115	912555	918813	0.60	cps
Phosphorus	31-2	62029	63052	62398	62493	0.83	cps
Potassium	39-2	32304342	32447668	32754246	32502085	0.71	cps
Rhodium	103-1	15712831	15606816	15679642	15666430	0.35	cps
Rhodium	103-2	7375796	7409129	7324347	7369758	0.58	cps
Scandium	45-1	10102827	10031121	10050002	10061317	0.37	cps
Scandium	45-2	416874	422103	422544	420507	0.75	cps
Selenium	77-2	5868	5868	5885	5874	0.16	cps
Selenium	78-2	19864	19765	20051	19893	0.73	cps
Selenium	82-1	153068	152791	152214	152691	0.29	cps
Silicon	28-1	4913039	5039493	5072506	5008346	1.68	cps
Silver	109-1	10264185	10264543	10271882	10266870	0.04	cps
Silver	107-1	10787519	10759845	10695475	10747613	0.44	cps
Sodium	23-2	150745337	151242545	151478483	151155455	0.25	cps
Strontium	86-1	2385219	2364415	2371615	2373750	0.45	cps
Strontium	88-1	20985758	20836623	20839304	20887229	0.41	cps
Sulfur	34-1	1281833	1284287	1278295	1281471	0.24	cps
Terbium	159-1	27974874	28100998	27978820	28018230	0.26	cps
Terbium	159-2	12076865	12126047	12096206	12099706	0.20	cps
Thallium	203-1	9510293	9462452	9388338	9453694	0.65	cps
Thallium	205-1	22788090	22658623	22782201	22742971	0.32	cps
Thorium	232-1	32719741	32662128	32765127	32715665	0.16	cps
Tin	118-1	6881082	6881866	6884041	6882329	0.02	cps
Titanium	47-1	4765555	4800557	4743670	4769927	0.60	cps
Uranium	238-1	32253397	31974319	32077677	32101798	0.44	cps
Vanadium	51-2	1620897	1630532	1629947	1627125	0.33	cps
Yttrium	89-1	20903788	20557418	20732669	20731292	0.84	cps
Yttrium	89-2	2571237	2610183	2568186	2583202	0.91	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV26	Instrumnet Name :	P7
Client Sample ID :	CCV26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:46:23	DataFile Name :	015CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	831452	838989	834522	834988	0.45	cps
Zirconium	90-1	12619208	12523131	12553609	12565316	0.39	cps
Zirconium	91-1	2791515	2779298	2775038	2781950	0.31	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:58:31	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2767	3159	3025	2984	6.68	cps
Antimony	121-1	34844	36014	35722	35527	1.71	cps
Arsenic	75-1	-8875	-8243	-8355	-8491	-3.97	cps
Barium	135-1	40551	43001	41563	41705	2.95	cps
Barium	137-1	72841	71802	71686	72110	0.88	cps
Beryllium	9-1	2954	2834	2800	2863	2.82	cps
Bismuth	209-1	19253666	19365405	19241726	19286932	0.35	cps
Bismuth	209-2	10053389	10004505	10002229	10020041	0.29	cps
Boron	10-1	14925	15041	15275	15080	1.18	cps
Boron	11-1	71260	71655	73186	72033	1.41	cps
Cadmium	111-1	11972	11769	12001	11914	1.06	cps
Cadmium	106-1	10146	10129	10237	10171	0.57	cps
Cadmium	108-1	383	454	446	428	9.05	cps
Calcium	43-1	22142	23353	22268	22587	2.95	cps
Calcium	44-1	383308	385957	387989	385751	0.61	cps
Chromium	52-2	9960	9970	9964	9965	0.05	cps
Cobalt	59-2	7966	8396	8042	8135	2.82	cps
Copper	63-2	12969	13613	13219	13267	2.45	cps
Dysprosium	156-1	25	17	42	28	45.82	cps
Dysprosium	156-2	30	20	40	30	33.33	cps
Erbium	164-1	117	50	133	100	44.10	cps
Erbium	164-2	87	67	53	69	24.36	cps
Gadolinium	160-1	208	117	258	194	36.95	cps
Gadolinium	160-2	283	343	313	313	9.57	cps
Holmium	165-1	29496173	29407575	29245743	29383164	0.43	cps
Holmium	165-2	13573141	13526832	13449066	13516346	0.46	cps
Indium	115-1	20719443	20713074	20665174	20699231	0.14	cps
Indium	115-2	3433478	3469151	3433375	3445335	0.60	cps
Iron	56-2	222443	221270	222930	222214	0.38	cps
Iron	57-2	6046	5735	5412	5731	5.53	cps
Krypton	83-1	5194	5004	4948	5049	2.56	cps
Lead	206-1	19621	19225	19203	19350	1.21	cps
Lead	207-1	16761	17011	16149	16640	2.67	cps
Lead	208-1	77117	75752	74276	75715	1.88	cps
Lithium	6-1	4825862	4818418	4806102	4816794	0.21	cps
Magnesium	24-2	189197	185921	189425	188181	1.04	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:58:31	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2697	3077	3017	2930	6.97	cps
Molybdenum	94-1	34534	35078	34693	34768	0.80	cps
Molybdenum	95-1	43409	44211	42573	43398	1.89	cps
Molybdenum	96-1	47121	47020	46761	46967	0.40	cps
Molybdenum	97-1	26359	27244	27194	26932	1.85	cps
Molybdenum	98-1	68515	68004	68139	68219	0.39	cps
Neodymium	150-1	13	7	33	18	78.05	cps
Neodymium	150-2	13	10	13	12	15.73	cps
Nickel	60-2	2504	2327	2234	2355	5.82	cps
Phosphorus	31-2	508	400	358	422	18.34	cps
Potassium	39-2	167865	167578	165994	167146	0.60	cps
Rhodium	103-1	18369444	18518805	18447249	18445166	0.40	cps
Rhodium	103-2	8774135	8798717	8787228	8786693	0.14	cps
Scandium	45-1	10819332	10864218	10821224	10834925	0.23	cps
Scandium	45-2	448000	452149	449699	449949	0.46	cps
Selenium	77-2	60	77	90	76	19.89	cps
Selenium	78-2	307	281	315	301	5.81	cps
Selenium	82-1	1424	1850	1711	1662	13.07	cps
Silicon	28-1	203405	204284	202562	203417	0.42	cps
Silver	109-1	19305	20007	19439	19584	1.90	cps
Silver	107-1	20724	21092	20641	20819	1.15	cps
Sodium	23-2	383799	385775	385876	385150	0.30	cps
Strontium	86-1	13565	12981	12639	13062	3.58	cps
Strontium	88-1	44286	44520	45465	44757	1.40	cps
Sulfur	34-1	610572	608025	603344	607313	0.60	cps
Terbium	159-1	29633495	29832898	29487345	29651246	0.58	cps
Terbium	159-2	12938304	13058429	12906202	12967645	0.62	cps
Thallium	203-1	22670	23722	22320	22904	3.19	cps
Thallium	205-1	53073	54019	53442	53512	0.89	cps
Thorium	232-1	64438	65521	66074	65344	1.27	cps
Tin	118-1	78662	79015	79458	79045	0.50	cps
Titanium	47-1	10204	10454	10954	10538	3.63	cps
Uranium	238-1	65745	65610	65779	65711	0.14	cps
Vanadium	51-2	18198	18448	18352	18333	0.69	cps
Yttrium	89-1	22438360	22397040	22222249	22352549	0.51	cps
Yttrium	89-2	2786426	2788340	2807857	2794208	0.42	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 15:58:31	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2170	2194	2277	2214	2.53	cps
Zirconium	90-1	26592	27444	27419	27152	1.78	cps
Zirconium	91-1	5827	6310	5960	6032	4.14	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:02:52	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	67	33	64	45.81	cps
Antimony	121-1	583	700	842	708	18.26	cps
Arsenic	75-1	-11808	-11845	-12151	-11934	-1.58	cps
Barium	135-1	75	33	8	39	86.61	cps
Barium	137-1	75	92	67	78	16.37	cps
Beryllium	9-1	137	153	140	143	6.15	cps
Bismuth	209-1	19518608	19400068	19329951	19416209	0.49	cps
Bismuth	209-2	10126210	10046956	10044397	10072521	0.46	cps
Boron	10-1	3284	3542	3225	3351	5.03	cps
Boron	11-1	16777	16760	16610	16715	0.55	cps
Cadmium	111-1	7288	7031	6570	6963	5.22	cps
Cadmium	106-1	10304	9954	9278	9845	5.30	cps
Cadmium	108-1	29	29	29	29	0.00	cps
Calcium	43-1	125	175	100	133	28.64	cps
Calcium	44-1	16518	16569	17195	16761	2.25	cps
Chromium	52-2	760	803	863	809	6.42	cps
Cobalt	59-2	123	117	87	109	17.94	cps
Copper	63-2	1610	1407	1503	1507	6.75	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	63	20	10	31	91.12	cps
Erbium	164-1	167	125	92	128	29.41	cps
Erbium	164-2	100	50	90	80	33.07	cps
Gadolinium	160-1	125	183	117	142	25.64	cps
Gadolinium	160-2	380	363	340	361	5.56	cps
Holmium	165-1	29388592	29100491	29262975	29250686	0.49	cps
Holmium	165-2	13516759	13360238	13283119	13386705	0.89	cps
Indium	115-1	20665633	20637770	20626968	20643457	0.10	cps
Indium	115-2	3453796	3403393	3451082	3436090	0.83	cps
Iron	56-2	3589	4117	3745	3817	7.11	cps
Iron	57-2	144	122	111	126	13.48	cps
Krypton	83-1	4708	4984	4994	4895	3.32	cps
Lead	206-1	2473	2122	2150	2248	8.65	cps
Lead	207-1	2045	1961	2078	2028	2.96	cps
Lead	208-1	8885	8735	8084	8568	4.96	cps
Lithium	6-1	4769092	4797738	4796707	4787845	0.34	cps
Magnesium	24-2	625	508	650	594	12.72	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:02:52	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	40	60	51	19.92	cps
Molybdenum	94-1	1150	1075	942	1056	10.00	cps
Molybdenum	95-1	725	792	725	747	5.15	cps
Molybdenum	96-1	1050	867	800	906	14.30	cps
Molybdenum	97-1	550	483	433	489	11.97	cps
Molybdenum	98-1	1108	1392	1050	1183	15.45	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	117	143	97	119	19.69	cps
Phosphorus	31-2	100	167	100	122	31.50	cps
Potassium	39-2	25272	25423	25548	25414	0.54	cps
Rhodium	103-1	18370893	18160489	18396368	18309250	0.71	cps
Rhodium	103-2	8847537	8779086	8758250	8794958	0.53	cps
Scandium	45-1	10817396	10806112	10858681	10827396	0.26	cps
Scandium	45-2	457619	450959	449840	452806	0.93	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	41	35	46	41	13.63	cps
Selenium	82-1	118	-87	-71	-13	-848.71	cps
Silicon	28-1	120717	121179	121171	121022	0.22	cps
Silver	109-1	292	333	358	328	10.27	cps
Silver	107-1	483	425	375	428	12.67	cps
Sodium	23-2	44726	42628	44400	43918	2.57	cps
Strontium	86-1	7444	8053	8211	7903	5.13	cps
Strontium	88-1	333	350	383	356	7.16	cps
Sulfur	34-1	607286	612412	605227	608308	0.61	cps
Terbium	159-1	29322445	29464417	29709687	29498850	0.66	cps
Terbium	159-2	13088100	12841530	12894166	12941265	1.00	cps
Thallium	203-1	1834	2134	2000	1989	7.56	cps
Thallium	205-1	4109	3767	4126	4001	5.06	cps
Thorium	232-1	3417	3189	3351	3319	3.53	cps
Tin	118-1	2450	2484	2450	2461	0.78	cps
Titanium	47-1	142	117	192	150	25.46	cps
Uranium	238-1	3317	3051	3067	3145	4.75	cps
Vanadium	51-2	17	10	7	11	45.82	cps
Yttrium	89-1	22297649	22392925	22294597	22328390	0.25	cps
Yttrium	89-2	2813205	2770682	2756814	2780234	1.06	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB26	Instrumnet Name :	P7
Client Sample ID :	CCB26	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:02:52	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	237	250	200	229	11.31	cps
Zirconium	90-1	1725	1834	1717	1759	3.70	cps
Zirconium	91-1	375	500	425	433	14.52	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:06:27	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2892	2892	2950	2912	1.16	cps
Antimony	121-1	33942	34017	34301	34087	0.56	cps
Arsenic	75-1	-8762	-9273	-8307	-8780	-5.50	cps
Barium	135-1	40418	42834	41504	41585	2.91	cps
Barium	137-1	70999	74116	73244	72786	2.21	cps
Beryllium	9-1	2800	2960	2920	2894	2.88	cps
Bismuth	209-1	25287810	17386946	18216711	20297156	21.39	cps
Bismuth	209-2	10192325	10354992	10180247	10242522	0.95	cps
Boron	10-1	13115	14107	14157	13793	4.26	cps
Boron	11-1	62923	66640	66790	65451	3.35	cps
Cadmium	111-1	14135	11677	11647	12486	11.44	cps
Cadmium	106-1	13766	9846	9737	11116	20.65	cps
Cadmium	108-1	467	379	404	417	10.82	cps
Calcium	43-1	22426	22668	22935	22677	1.12	cps
Calcium	44-1	376016	384711	385626	382118	1.39	cps
Chromium	52-2	10167	10230	9827	10075	2.15	cps
Cobalt	59-2	7972	8419	7979	8123	3.15	cps
Copper	63-2	13466	13396	12879	13247	2.42	cps
Dysprosium	156-1	58	25	0	28	105.36	cps
Dysprosium	156-2	30	27	23	27	12.51	cps
Erbium	164-1	167	58	100	108	50.44	cps
Erbium	164-2	97	60	53	70	33.34	cps
Gadolinium	160-1	208	158	167	178	15.07	cps
Gadolinium	160-2	313	290	313	306	4.41	cps
Holmium	165-1	38711799	26166994	27678993	30852595	22.20	cps
Holmium	165-2	13537338	13672553	13570009	13593300	0.52	cps
Indium	115-1	27076406	18611782	19345810	21677999	21.63	cps
Indium	115-2	3485388	3487257	3505945	3492863	0.33	cps
Iron	56-2	220948	224563	221648	222387	0.86	cps
Iron	57-2	5746	5829	5746	5774	0.83	cps
Krypton	83-1	5084	5048	4941	5024	1.48	cps
Lead	206-1	18435	18663	17990	18363	1.86	cps
Lead	207-1	15304	15548	15598	15483	1.02	cps
Lead	208-1	72441	73147	72418	72669	0.57	cps
Lithium	6-1	6053803	4370850	4528926	4984526	18.65	cps
Magnesium	24-2	186960	186724	185627	186437	0.38	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:06:27	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2957	2884	3024	2955	2.37	cps
Molybdenum	94-1	34359	34785	33782	34309	1.47	cps
Molybdenum	95-1	41938	42322	42373	42211	0.56	cps
Molybdenum	96-1	45590	46895	47020	46502	1.70	cps
Molybdenum	97-1	26359	26667	27428	26818	2.05	cps
Molybdenum	98-1	67427	68616	68976	68339	1.19	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	2404	2380	2454	2412	1.55	cps
Phosphorus	31-2	458	525	567	517	10.58	cps
Potassium	39-2	167907	166903	164332	166381	1.11	cps
Rhodium	103-1	24266263	16713688	17237636	19405863	21.73	cps
Rhodium	103-2	8921328	8921200	8865862	8902797	0.36	cps
Scandium	45-1	14240277	9805012	10162307	11402532	21.61	cps
Scandium	45-2	460961	461262	456327	459517	0.60	cps
Selenium	77-2	63	57	47	56	15.09	cps
Selenium	78-2	283	328	309	307	7.28	cps
Selenium	82-1	1763	1588	1994	1782	11.42	cps
Silicon	28-1	201810	204487	205410	203903	0.92	cps
Silver	109-1	19264	20407	19706	19792	2.91	cps
Silver	107-1	19723	20591	20507	20274	2.36	cps
Sodium	23-2	380315	383390	379511	381072	0.54	cps
Strontium	86-1	12873	13098	12931	12967	0.90	cps
Strontium	88-1	44603	45490	45423	45172	1.09	cps
Sulfur	34-1	616712	606074	613378	612054	0.89	cps
Terbium	159-1	38346799	26449699	27714520	30837006	21.19	cps
Terbium	159-2	13208658	13126923	13057999	13131193	0.57	cps
Thallium	203-1	21460	21810	23129	22133	3.98	cps
Thallium	205-1	52739	52898	53157	52931	0.40	cps
Thorium	232-1	63735	63361	65856	64317	2.09	cps
Tin	118-1	76182	80078	79560	78606	2.69	cps
Titanium	47-1	10146	10946	10671	10588	3.84	cps
Uranium	238-1	65133	67596	67889	66872	2.26	cps
Vanadium	51-2	18725	18782	18792	18767	0.19	cps
Yttrium	89-1	29490816	20347792	20961151	23599920	21.66	cps
Yttrium	89-2	2836240	2842870	2843883	2840998	0.15	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:06:27	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2440	2344	2217	2334	4.80	cps
Zirconium	90-1	25440	27168	27586	26731	4.26	cps
Zirconium	91-1	6060	5451	5576	5696	5.64	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:16:10 DataFile Name : 019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	858	725	711	21.75	cps
Antimony	121-1	4376	4159	4393	4309	3.02	cps
Arsenic	75-1	-11655	-11541	-11292	-11496	-1.62	cps
Barium	135-1	4684	4959	4534	4726	4.56	cps
Barium	137-1	8495	8611	8328	8478	1.68	cps
Beryllium	9-1	803	823	753	793	4.55	cps
Bismuth	209-1	19329581	19377386	19334295	19347087	0.14	cps
Bismuth	209-2	10124807	10135793	10102867	10121156	0.17	cps
Boron	10-1	2150	2659	2459	2423	10.57	cps
Boron	11-1	12155	12447	12189	12264	1.30	cps
Cadmium	111-1	7932	8523	7771	8076	4.90	cps
Cadmium	106-1	9487	10554	9378	9807	6.63	cps
Cadmium	108-1	96	75	104	92	16.39	cps
Calcium	43-1	1233	1067	1100	1133	7.78	cps
Calcium	44-1	34149	34157	33615	33974	0.92	cps
Chromium	52-2	1780	1857	1910	1849	3.53	cps
Cobalt	59-2	1897	2017	1907	1940	3.43	cps
Copper	63-2	3994	4067	4284	4115	3.67	cps
Dysprosium	156-1	0	25	58	28	105.36	cps
Dysprosium	156-2	17	10	20	16	32.73	cps
Erbium	164-1	92	50	133	92	45.46	cps
Erbium	164-2	73	83	57	71	18.95	cps
Gadolinium	160-1	192	217	117	175	29.74	cps
Gadolinium	160-2	273	280	287	280	2.38	cps
Holmium	165-1	29424005	29376766	29369067	29389946	0.10	cps
Holmium	165-2	13407296	13481016	13352307	13413540	0.48	cps
Indium	115-1	20690714	20775575	20724807	20730365	0.21	cps
Indium	115-2	3462520	3453779	3416729	3444343	0.71	cps
Iron	56-2	49662	51641	51435	50913	2.14	cps
Iron	57-2	1361	1333	1356	1350	1.09	cps
Krypton	83-1	4934	4821	4577	4778	3.82	cps
Lead	206-1	5874	5857	5690	5807	1.75	cps
Lead	207-1	4968	4784	4890	4881	1.89	cps
Lead	208-1	22775	21313	21796	21961	3.39	cps
Lithium	6-1	4866162	4855894	4883667	4868574	0.29	cps
Magnesium	24-2	8936	8828	9061	8942	1.31	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-01 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-SOIL-01-QT3- Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:16:10 DataFile Name : 019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1440	1327	1263	1343	6.66	cps
Molybdenum	94-1	8678	8228	8470	8458	2.66	cps
Molybdenum	95-1	9729	10654	10162	10182	4.55	cps
Molybdenum	96-1	11630	11288	11021	11313	2.70	cps
Molybdenum	97-1	6285	5901	6268	6152	3.52	cps
Molybdenum	98-1	16769	17445	16944	17053	2.06	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	600	570	640	603	5.82	cps
Phosphorus	31-2	192	167	200	186	9.32	cps
Potassium	39-2	26483	26875	26449	26602	0.89	cps
Rhodium	103-1	18410862	18473788	18434703	18439784	0.17	cps
Rhodium	103-2	8756897	8764150	8713667	8744904	0.31	cps
Scandium	45-1	10840938	10902174	10884772	10875961	0.29	cps
Scandium	45-2	455999	453070	451201	453423	0.53	cps
Selenium	77-2	27	33	23	28	18.33	cps
Selenium	78-2	135	113	133	127	9.70	cps
Selenium	82-1	737	878	926	847	11.58	cps
Silicon	28-1	122237	121339	122759	122112	0.59	cps
Silver	109-1	5201	5593	5193	5329	4.29	cps
Silver	107-1	5743	6060	5651	5818	3.68	cps
Sodium	23-2	52961	51389	51180	51843	1.88	cps
Strontium	86-1	9045	9178	9012	9078	0.97	cps
Strontium	88-1	10579	10679	10379	10546	1.45	cps
Sulfur	34-1	584107	577285	581389	580927	0.59	cps
Terbium	159-1	29695944	29608932	29535329	29613402	0.27	cps
Terbium	159-2	12846876	12961998	12910021	12906299	0.45	cps
Thallium	203-1	6143	6527	6077	6249	3.89	cps
Thallium	205-1	14300	14283	14392	14325	0.41	cps
Thorium	232-1	17412	16750	16605	16923	2.54	cps
Tin	118-1	5235	5368	5493	5365	2.41	cps
Titanium	47-1	2459	2392	2300	2384	3.34	cps
Uranium	238-1	18556	18013	17980	18183	1.78	cps
Vanadium	51-2	827	883	887	866	3.90	cps
Yttrium	89-1	22427371	22528500	22374626	22443499	0.35	cps
Yttrium	89-2	2798314	2819575	2785960	2801283	0.61	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-01	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-SOIL-01-QT3-	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:16:10	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	783	743	660	729	8.63	cps
Zirconium	90-1	7227	7085	7194	7169	1.03	cps
Zirconium	91-1	1592	1517	1575	1561	2.52	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-02 Instrumnet Name : P7
 Client Sample ID : LOQ-SOIL-02-QT3-2019 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:19:46 DataFile Name : 020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5935	5360	5576	5624	5.17	cps
Antimony	121-1	65219	67471	66834	66508	1.75	cps
Arsenic	75-1	-5372	-4664	-4182	-4739	-12.64	cps
Barium	135-1	82125	81597	83887	82536	1.45	cps
Barium	137-1	145907	144199	144825	144977	0.60	cps
Beryllium	9-1	5835	5851	5771	5819	0.73	cps
Bismuth	209-1	19445963	19317803	19688168	19483978	0.97	cps
Bismuth	209-2	10040455	10030373	10083278	10051369	0.28	cps
Boron	10-1	23052	23402	24504	23653	3.20	cps
Boron	11-1	109470	114693	115413	113192	2.87	cps
Cadmium	111-1	17331	17049	17335	17238	0.95	cps
Cadmium	106-1	11455	11013	10955	11141	2.46	cps
Cadmium	108-1	779	758	821	786	4.05	cps
Calcium	43-1	44894	44250	44626	44590	0.73	cps
Calcium	44-1	740342	743960	738993	741098	0.35	cps
Chromium	52-2	18906	19206	18982	19031	0.82	cps
Cobalt	59-2	15802	15505	16012	15773	1.62	cps
Copper	63-2	24194	24825	24654	24558	1.33	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	10	20	17	16	32.73	cps
Erbium	164-1	133	58	92	94	39.79	cps
Erbium	164-2	63	33	73	57	36.74	cps
Gadolinium	160-1	158	150	183	164	10.58	cps
Gadolinium	160-2	317	273	300	297	7.37	cps
Holmium	165-1	29697211	29735510	29777362	29736694	0.13	cps
Holmium	165-2	13528770	13535304	13519830	13527968	0.06	cps
Indium	115-1	20816726	20830033	20687015	20777925	0.38	cps
Indium	115-2	3452609	3479939	3473537	3468695	0.41	cps
Iron	56-2	430212	432630	432448	431763	0.31	cps
Iron	57-2	10865	11321	11238	11142	2.18	cps
Krypton	83-1	5054	5088	4941	5028	1.53	cps
Lead	206-1	34512	34997	34623	34711	0.73	cps
Lead	207-1	29651	29929	29667	29749	0.52	cps
Lead	208-1	135275	136429	135080	135595	0.54	cps
Lithium	6-1	4896244	4902174	4944356	4914258	0.53	cps
Magnesium	24-2	366740	364051	369053	366615	0.68	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-02 Instrumnet Name : P7
 Client Sample ID : LOQ-SOIL-02-QT3-2019 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:19:46 DataFile Name : 020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5725	5955	5865	5848	1.98	cps
Molybdenum	94-1	66456	64253	65543	65417	1.69	cps
Molybdenum	95-1	82037	82538	83754	82776	1.07	cps
Molybdenum	96-1	91242	91106	91911	91420	0.47	cps
Molybdenum	97-1	51887	51912	52556	52119	0.73	cps
Molybdenum	98-1	134000	134261	134186	134149	0.10	cps
Neodymium	150-1	0	20	27	16	89.22	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	4721	4484	4554	4586	2.65	cps
Phosphorus	31-2	858	933	875	889	4.43	cps
Potassium	39-2	300723	298944	297767	299145	0.50	cps
Rhodium	103-1	18540194	18392529	18662578	18531767	0.73	cps
Rhodium	103-2	8781567	8795532	8842767	8806622	0.36	cps
Scandium	45-1	10904230	10962383	10993997	10953536	0.42	cps
Scandium	45-2	458353	457496	456108	457319	0.25	cps
Selenium	77-2	130	137	127	131	3.88	cps
Selenium	78-2	570	550	493	538	7.50	cps
Selenium	82-1	3648	3605	3569	3608	1.10	cps
Silicon	28-1	283133	285202	286486	284940	0.59	cps
Silver	109-1	39849	38228	38762	38946	2.12	cps
Silver	107-1	40869	39590	41161	40540	2.06	cps
Sodium	23-2	704608	707563	711296	707822	0.47	cps
Strontium	86-1	18012	18262	17820	18031	1.23	cps
Strontium	88-1	88825	87693	89621	88713	1.09	cps
Sulfur	34-1	616140	614574	618449	616388	0.32	cps
Terbium	159-1	29652160	29677088	29987124	29772124	0.63	cps
Terbium	159-2	13041887	13103264	13049103	13064752	0.26	cps
Thallium	203-1	40972	41115	42068	41385	1.44	cps
Thallium	205-1	100092	98597	101477	100055	1.44	cps
Thorium	232-1	125281	123346	124936	124521	0.83	cps
Tin	118-1	152511	152007	153816	152778	0.61	cps
Titanium	47-1	20615	20523	20365	20501	0.62	cps
Uranium	238-1	126740	129745	127565	128017	1.21	cps
Vanadium	51-2	36141	36121	36696	36319	0.90	cps
Yttrium	89-1	22447691	22539445	22622927	22536688	0.39	cps
Yttrium	89-2	2811668	2832495	2833446	2825870	0.44	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-02	Instrumnet Name :	P7
Client Sample ID :	LOQ-SOIL-02-QT3-2019	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:19:46	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4154	4134	4061	4116	1.19	cps
Zirconium	90-1	51995	52363	51151	51836	1.20	cps
Zirconium	91-1	11630	11147	11964	11580	3.55	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:23:22 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	642	742	642	675	8.55	cps
Antimony	121-1	4151	4168	4167	4162	0.23	cps
Arsenic	75-1	-11067	-11287	-11888	-11414	-3.73	cps
Barium	135-1	4959	4934	4959	4951	0.29	cps
Barium	137-1	8753	8345	8161	8420	3.60	cps
Beryllium	9-1	793	837	757	796	5.03	cps
Bismuth	209-1	19673883	19572937	19441059	19562626	0.60	cps
Bismuth	209-2	10101778	10150067	10109690	10120512	0.26	cps
Boron	10-1	3234	3642	3234	3370	7.00	cps
Boron	11-1	15968	15534	15100	15534	2.79	cps
Cadmium	111-1	8834	8557	8472	8621	2.19	cps
Cadmium	106-1	10913	10479	10488	10627	2.33	cps
Cadmium	108-1	121	113	158	131	18.70	cps
Calcium	43-1	1342	1258	1242	1281	4.18	cps
Calcium	44-1	33915	33815	33615	33782	0.45	cps
Chromium	52-2	1850	1914	1800	1855	3.06	cps
Cobalt	59-2	2077	2247	1843	2056	9.85	cps
Copper	63-2	4164	4104	4181	4150	0.97	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	13	13	3	10	57.75	cps
Erbium	164-1	150	125	92	122	23.95	cps
Erbium	164-2	83	47	70	67	27.84	cps
Gadolinium	160-1	183	192	133	169	18.62	cps
Gadolinium	160-2	287	260	350	299	15.47	cps
Holmium	165-1	29816261	30031709	29772111	29873360	0.46	cps
Holmium	165-2	13424618	13452357	13493275	13456750	0.26	cps
Indium	115-1	20883525	20911547	20747595	20847556	0.42	cps
Indium	115-2	3476557	3495101	3507413	3493024	0.44	cps
Iron	56-2	50665	51184	50772	50874	0.54	cps
Iron	57-2	1361	1450	1250	1354	7.40	cps
Krypton	83-1	4718	5034	4978	4910	3.44	cps
Lead	206-1	5718	5674	6002	5798	3.07	cps
Lead	207-1	5129	4523	4968	4873	6.44	cps
Lead	208-1	22419	21213	22052	21895	2.82	cps
Lithium	6-1	4917429	4898927	4886079	4900812	0.32	cps
Magnesium	24-2	8820	8911	9512	9081	4.14	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-07 Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:23:22 DataFile Name : 021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1350	1380	1360	1363	1.12	cps
Molybdenum	94-1	9120	8436	8344	8634	4.91	cps
Molybdenum	95-1	10204	9904	10187	10098	1.67	cps
Molybdenum	96-1	10813	11113	11230	11052	1.95	cps
Molybdenum	97-1	6777	5943	6443	6388	6.57	cps
Molybdenum	98-1	16268	16393	15643	16101	2.50	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	617	613	647	626	2.93	cps
Phosphorus	31-2	167	183	200	183	9.09	cps
Potassium	39-2	26324	27042	26349	26572	1.53	cps
Rhodium	103-1	18833731	18724014	18568666	18708803	0.71	cps
Rhodium	103-2	8880557	8948072	8859453	8896027	0.52	cps
Scandium	45-1	11066039	11054202	10878491	10999577	0.95	cps
Scandium	45-2	454690	463199	457572	458487	0.94	cps
Selenium	77-2	50	33	20	34	43.64	cps
Selenium	78-2	124	143	148	138	9.11	cps
Selenium	82-1	980	512	826	773	30.82	cps
Silicon	28-1	119810	121145	121590	120849	0.77	cps
Silver	109-1	5310	5034	5493	5279	4.37	cps
Silver	107-1	5710	5485	6102	5765	5.42	cps
Sodium	23-2	50695	51607	50268	50857	1.34	cps
Strontium	86-1	9137	9454	9378	9323	1.78	cps
Strontium	88-1	10504	10971	10554	10677	2.40	cps
Sulfur	34-1	615169	615935	618155	616420	0.25	cps
Terbium	159-1	29972249	30250090	29828777	30017038	0.71	cps
Terbium	159-2	12958043	13084494	13050107	13030881	0.50	cps
Thallium	203-1	6218	6135	5918	6091	2.54	cps
Thallium	205-1	13683	14342	13241	13755	4.03	cps
Thorium	232-1	17112	17723	17195	17343	1.91	cps
Tin	118-1	5793	5860	5776	5810	0.76	cps
Titanium	47-1	2484	2725	2325	2511	8.02	cps
Uranium	238-1	17654	17830	17705	17730	0.51	cps
Vanadium	51-2	807	750	760	772	3.92	cps
Yttrium	89-1	22784649	22818435	22622038	22741707	0.46	cps
Yttrium	89-2	2839136	2855405	2829023	2841188	0.47	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-07	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:23:22	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	750	750	693	731	4.47	cps
Zirconium	90-1	6844	7652	7486	7327	5.83	cps
Zirconium	91-1	1900	1550	1675	1709	10.38	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-08 Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-02-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:26:58 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6018	5585	6260	5954	5.75	cps
Antimony	121-1	67077	70234	68995	68769	2.31	cps
Arsenic	75-1	-5853	-4215	-6099	-5389	-19.00	cps
Barium	135-1	85555	85236	85387	85393	0.19	cps
Barium	137-1	147660	152276	149076	149671	1.58	cps
Beryllium	9-1	5624	5851	5815	5763	2.11	cps
Bismuth	209-1	19655598	20112279	19635428	19801102	1.36	cps
Bismuth	209-2	10293958	10241011	10229871	10254947	0.33	cps
Boron	10-1	23661	25013	25030	24568	3.20	cps
Boron	11-1	116414	117665	119947	118008	1.52	cps
Cadmium	111-1	17930	17456	17782	17723	1.37	cps
Cadmium	106-1	11839	11572	11639	11683	1.19	cps
Cadmium	108-1	867	842	896	868	3.12	cps
Calcium	43-1	45504	46499	46483	46162	1.23	cps
Calcium	44-1	759156	765866	771486	765502	0.81	cps
Chromium	52-2	19713	19396	19336	19482	1.04	cps
Cobalt	59-2	16242	16636	16196	16358	1.48	cps
Copper	63-2	25436	25536	25315	25429	0.43	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	17	23	30	23	28.56	cps
Erbium	164-1	142	117	92	117	21.43	cps
Erbium	164-2	90	93	53	79	28.14	cps
Gadolinium	160-1	192	233	133	186	26.99	cps
Gadolinium	160-2	297	330	310	312	5.37	cps
Holmium	165-1	29825307	30404318	29950806	30060144	1.01	cps
Holmium	165-2	13787524	13595276	13539163	13640654	0.95	cps
Indium	115-1	21056700	21251320	21135862	21147960	0.46	cps
Indium	115-2	3561268	3520983	3521588	3534613	0.65	cps
Iron	56-2	443261	448437	443230	444976	0.67	cps
Iron	57-2	11377	10965	11255	11199	1.89	cps
Krypton	83-1	4791	4991	5164	4982	3.75	cps
Lead	206-1	35214	35297	35242	35251	0.12	cps
Lead	207-1	30118	30842	29673	30211	1.95	cps
Lead	208-1	138673	139575	136876	138375	0.99	cps
Lithium	6-1	4873255	4938569	4899597	4903807	0.67	cps
Magnesium	24-2	373967	375514	371992	373824	0.47	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:26:58	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5841	5925	5881	5882	0.71	cps
Molybdenum	94-1	67661	68565	68372	68199	0.70	cps
Molybdenum	95-1	85028	85372	83192	84531	1.39	cps
Molybdenum	96-1	95118	95780	92390	94429	1.90	cps
Molybdenum	97-1	53602	54229	52706	53512	1.43	cps
Molybdenum	98-1	137046	139494	138603	138381	0.90	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	4664	4567	4461	4564	2.23	cps
Phosphorus	31-2	925	942	708	858	15.17	cps
Potassium	39-2	310946	309252	303093	307764	1.34	cps
Rhodium	103-1	18731570	19149175	18986734	18955826	1.11	cps
Rhodium	103-2	9065016	8909648	8953229	8975964	0.89	cps
Scandium	45-1	11028212	11172643	11158651	11119835	0.72	cps
Scandium	45-2	464805	465228	459081	463038	0.74	cps
Selenium	77-2	117	133	130	127	6.96	cps
Selenium	78-2	596	563	541	567	4.93	cps
Selenium	82-1	4143	3686	3679	3836	6.93	cps
Silicon	28-1	289355	292054	287539	289650	0.78	cps
Silver	109-1	39782	40233	39615	39877	0.80	cps
Silver	107-1	42130	42039	41169	41779	1.27	cps
Sodium	23-2	720808	721787	712972	718522	0.67	cps
Strontium	86-1	18321	18972	18771	18688	1.78	cps
Strontium	88-1	91627	93554	92875	92685	1.05	cps
Sulfur	34-1	627645	622499	626229	625458	0.43	cps
Terbium	159-1	30084610	30210485	30128490	30141195	0.21	cps
Terbium	159-2	13357482	13088785	13150929	13199065	1.07	cps
Thallium	203-1	42302	43346	43998	43215	1.98	cps
Thallium	205-1	100496	103534	101050	101693	1.59	cps
Thorium	232-1	128381	129133	126520	128011	1.05	cps
Tin	118-1	159573	158558	158815	158982	0.33	cps
Titanium	47-1	21976	21850	22168	21998	0.73	cps
Uranium	238-1	132787	130814	130266	131289	1.01	cps
Vanadium	51-2	37628	38180	37538	37782	0.92	cps
Yttrium	89-1	22807928	22964785	22875161	22882625	0.34	cps
Yttrium	89-2	2880457	2866521	2866666	2871215	0.28	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-08	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:26:58	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4151	4221	4211	4194	0.90	cps
Zirconium	90-1	53384	51444	52690	52506	1.87	cps
Zirconium	91-1	11930	12397	11839	12056	2.49	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:30:35 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	708	792	692	731	7.33	cps
Antimony	121-1	3967	4234	4493	4231	6.21	cps
Arsenic	75-1	-11022	-10999	-11554	-11192	-2.81	cps
Barium	135-1	4876	4801	5393	5023	6.42	cps
Barium	137-1	8411	8295	8578	8428	1.69	cps
Beryllium	9-1	767	820	810	799	3.55	cps
Bismuth	209-1	19674339	19934710	19673120	19760723	0.76	cps
Bismuth	209-2	10161880	10303719	9556502	10007367	3.97	cps
Boron	10-1	3317	3651	3317	3428	5.62	cps
Boron	11-1	16868	16384	15500	16251	4.27	cps
Cadmium	111-1	8507	8893	8436	8612	2.86	cps
Cadmium	106-1	10496	11121	10321	10646	3.95	cps
Cadmium	108-1	88	125	133	115	21.18	cps
Calcium	43-1	1042	1167	1242	1150	8.79	cps
Calcium	44-1	33573	33097	35570	34080	3.85	cps
Chromium	52-2	1850	1920	1860	1877	2.02	cps
Cobalt	59-2	2067	2057	1910	2011	4.36	cps
Copper	63-2	4344	4404	4221	4323	2.16	cps
Dysprosium	156-1	25	50	33	36	35.25	cps
Dysprosium	156-2	37	27	7	23	65.46	cps
Erbium	164-1	83	142	83	103	32.76	cps
Erbium	164-2	63	60	90	71	23.12	cps
Gadolinium	160-1	192	250	150	197	25.47	cps
Gadolinium	160-2	317	303	303	308	2.50	cps
Holmium	165-1	30131333	30318682	29933766	30127927	0.64	cps
Holmium	165-2	13546695	13667333	12766232	13326753	3.67	cps
Indium	115-1	21165259	21261109	21169625	21198664	0.26	cps
Indium	115-2	3498704	3511070	3273077	3427617	3.91	cps
Iron	56-2	51374	51363	51396	51377	0.03	cps
Iron	57-2	1228	1467	1161	1285	12.50	cps
Krypton	83-1	5084	4791	4931	4935	2.97	cps
Lead	206-1	5874	5590	5574	5679	2.97	cps
Lead	207-1	4895	4973	4768	4879	2.13	cps
Lead	208-1	22052	21974	21346	21791	1.78	cps
Lithium	6-1	4902715	4923184	4868925	4898275	0.56	cps
Magnesium	24-2	8911	9253	8845	9003	2.43	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-07RE Instrumnet Name : P7
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:30:35 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1303	1337	1297	1312	1.63	cps
Molybdenum	94-1	8553	8670	8987	8736	2.57	cps
Molybdenum	95-1	10262	10479	10162	10301	1.57	cps
Molybdenum	96-1	11372	12314	11680	11789	4.08	cps
Molybdenum	97-1	6560	6052	6160	6257	4.28	cps
Molybdenum	98-1	16452	16602	16944	16666	1.51	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	13	0	4	173.21	cps
Nickel	60-2	583	570	607	587	3.16	cps
Phosphorus	31-2	175	225	208	203	12.55	cps
Potassium	39-2	26950	25573	26399	26307	2.63	cps
Rhodium	103-1	19044491	19128369	18793763	18988875	0.92	cps
Rhodium	103-2	8902209	8884942	8400207	8729119	3.26	cps
Scandium	45-1	11152711	11190420	11178398	11173843	0.17	cps
Scandium	45-2	458877	462284	430418	450526	3.88	cps
Selenium	77-2	17	20	27	21	24.12	cps
Selenium	78-2	139	130	135	135	3.46	cps
Selenium	82-1	433	819	754	669	30.92	cps
Silicon	28-1	122229	122818	122086	122378	0.32	cps
Silver	109-1	5201	5501	5276	5326	2.93	cps
Silver	107-1	5510	5776	5710	5665	2.45	cps
Sodium	23-2	50904	50143	51548	50865	1.38	cps
Strontium	86-1	9145	9470	8911	9176	3.06	cps
Strontium	88-1	10604	10371	10746	10574	1.79	cps
Sulfur	34-1	620285	613187	619849	617774	0.64	cps
Terbium	159-1	30545585	30623076	30227097	30465253	0.69	cps
Terbium	159-2	13134075	13130041	12236862	12833659	4.03	cps
Thallium	203-1	6085	6243	6110	6146	1.39	cps
Thallium	205-1	13783	13950	13657	13797	1.06	cps
Thorium	232-1	17240	17624	17957	17607	2.04	cps
Tin	118-1	6077	5851	5518	5815	4.83	cps
Titanium	47-1	2350	2450	2675	2492	6.68	cps
Uranium	238-1	17680	18113	18548	18114	2.40	cps
Vanadium	51-2	833	857	830	840	1.73	cps
Yttrium	89-1	23119488	23121654	22739803	22993648	0.96	cps
Yttrium	89-2	2840893	2852025	2678452	2790457	3.48	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-07RE	Instrumnet Name :	P7
Client Sample ID :	LOD-MDL-WATER-01-Q1	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:30:35	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	747	713	713	724	2.66	cps
Zirconium	90-1	7536	7594	7427	7519	1.13	cps
Zirconium	91-1	1917	1442	1667	1675	14.19	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-08RE Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-02-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:34:12 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5343	5968	5885	5732	5.92	cps
Antimony	121-1	68200	68225	68191	68205	0.03	cps
Arsenic	75-1	-4737	-4351	-4291	-4460	-5.43	cps
Barium	135-1	84767	84708	84775	84750	0.04	cps
Barium	137-1	146575	146980	149168	147574	0.95	cps
Beryllium	9-1	5831	5758	5861	5817	0.91	cps
Bismuth	209-1	19781371	20006668	19637348	19808462	0.94	cps
Bismuth	209-2	10240722	10259640	10177969	10226110	0.42	cps
Boron	10-1	24379	23928	24571	24292	1.36	cps
Boron	11-1	115287	119403	118555	117748	1.85	cps
Cadmium	111-1	17722	18129	17377	17742	2.12	cps
Cadmium	106-1	11330	11530	10846	11235	3.13	cps
Cadmium	108-1	858	858	783	833	5.20	cps
Calcium	43-1	44803	45454	46056	45438	1.38	cps
Calcium	44-1	759223	760381	762284	760629	0.20	cps
Chromium	52-2	20304	19159	19733	19732	2.90	cps
Cobalt	59-2	16279	16289	16149	16239	0.48	cps
Copper	63-2	24981	24881	25866	25243	2.15	cps
Dysprosium	156-1	75	25	17	39	81.12	cps
Dysprosium	156-2	23	27	23	24	7.89	cps
Erbium	164-1	125	117	133	125	6.67	cps
Erbium	164-2	63	63	63	63	0.00	cps
Gadolinium	160-1	150	92	133	125	24.04	cps
Gadolinium	160-2	243	320	280	281	13.64	cps
Holmium	165-1	30123069	30332897	30018488	30158151	0.53	cps
Holmium	165-2	13874929	13743639	13747164	13788577	0.54	cps
Indium	115-1	21360029	21165344	21186969	21237447	0.50	cps
Indium	115-2	3540642	3519114	3525690	3528482	0.31	cps
Iron	56-2	446512	439779	438544	441612	0.97	cps
Iron	57-2	11305	11338	11149	11264	0.90	cps
Krypton	83-1	5014	5098	4748	4953	3.69	cps
Lead	206-1	35916	36116	35526	35853	0.84	cps
Lead	207-1	30480	29784	29339	29868	1.93	cps
Lead	208-1	138307	139343	136631	138094	0.99	cps
Lithium	6-1	4919215	4940020	4904444	4921227	0.36	cps
Magnesium	24-2	372773	371166	372691	372210	0.24	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : K3591-08RE Instrumnet Name : P7
 Client Sample ID : LOQ-WATER-02-QT3-20 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:34:12 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6011	6011	6008	6010	0.03	cps
Molybdenum	94-1	66564	68809	66907	67427	1.79	cps
Molybdenum	95-1	85086	84140	85188	84805	0.68	cps
Molybdenum	96-1	94907	92490	94881	94093	1.47	cps
Molybdenum	97-1	53719	52941	51996	52885	1.63	cps
Molybdenum	98-1	138475	134909	137508	136964	1.35	cps
Neodymium	150-1	7	47	20	24	83.31	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	4637	4738	4454	4610	3.12	cps
Phosphorus	31-2	775	842	683	767	10.37	cps
Potassium	39-2	308533	306958	306130	307207	0.40	cps
Rhodium	103-1	19145571	18937067	18931951	19004863	0.64	cps
Rhodium	103-2	9014077	8972529	8976430	8987679	0.26	cps
Scandium	45-1	11219571	11135106	11202216	11185631	0.40	cps
Scandium	45-2	462654	462892	461302	462283	0.19	cps
Selenium	77-2	150	123	160	144	13.12	cps
Selenium	78-2	578	557	554	563	2.30	cps
Selenium	82-1	3795	3451	3940	3728	6.74	cps
Silicon	28-1	285706	287800	290739	288082	0.88	cps
Silver	109-1	40334	40275	40317	40308	0.07	cps
Silver	107-1	41236	39757	42808	41267	3.70	cps
Sodium	23-2	719652	715691	719752	718365	0.32	cps
Strontium	86-1	18371	18563	18062	18332	1.38	cps
Strontium	88-1	90200	92414	91583	91399	1.22	cps
Sulfur	34-1	623593	621893	625388	623625	0.28	cps
Terbium	159-1	30500159	30277078	30224450	30333895	0.48	cps
Terbium	159-2	13443711	13276074	13294910	13338231	0.69	cps
Thallium	203-1	42360	42920	42452	42578	0.71	cps
Thallium	205-1	103123	102334	102611	102689	0.39	cps
Thorium	232-1	128836	128842	125618	127766	1.46	cps
Tin	118-1	156799	156783	156825	156802	0.01	cps
Titanium	47-1	21149	20707	21533	21130	1.96	cps
Uranium	238-1	131918	131362	132691	131990	0.51	cps
Vanadium	51-2	37518	37093	37294	37302	0.57	cps
Yttrium	89-1	23048219	23088945	22789650	22975604	0.71	cps
Yttrium	89-2	2882284	2890798	2875047	2882710	0.27	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	K3591-08RE	Instrumnet Name :	P7
Client Sample ID :	LOQ-WATER-02-QT3-20	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:34:12	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4017	4254	4197	4156	2.97	cps
Zirconium	90-1	53409	54086	52187	53227	1.81	cps
Zirconium	91-1	11797	11472	11497	11589	1.56	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : PB121876BL Instrumnet Name : P7
 Client Sample ID : PB121876BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:37:48 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	58	25	58	57.14	cps
Antimony	121-1	292	267	325	294	9.94	cps
Arsenic	75-1	-11958	-12308	-12081	-12116	-1.47	cps
Barium	135-1	58	75	83	72	17.62	cps
Barium	137-1	75	58	108	81	31.60	cps
Beryllium	9-1	113	133	167	138	19.55	cps
Bismuth	209-1	19428411	19507433	19583902	19506582	0.40	cps
Bismuth	209-2	10137794	10189191	10252816	10193267	0.57	cps
Boron	10-1	2625	2550	2625	2600	1.67	cps
Boron	11-1	12622	12681	11730	12344	4.32	cps
Cadmium	111-1	7022	7129	7267	7139	1.72	cps
Cadmium	106-1	9987	10096	10354	10146	1.86	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Calcium	43-1	125	133	150	136	9.35	cps
Calcium	44-1	16060	15876	16535	16157	2.11	cps
Chromium	52-2	753	743	773	757	2.02	cps
Cobalt	59-2	107	67	93	89	22.91	cps
Copper	63-2	1327	1410	1427	1388	3.86	cps
Dysprosium	156-1	58	42	8	36	70.51	cps
Dysprosium	156-2	23	23	17	21	18.21	cps
Erbium	164-1	158	92	125	125	26.67	cps
Erbium	164-2	57	80	90	76	22.64	cps
Gadolinium	160-1	117	200	133	150	29.40	cps
Gadolinium	160-2	247	340	250	279	18.99	cps
Holmium	165-1	29443399	29624143	29665885	29577809	0.40	cps
Holmium	165-2	13668896	13630315	13717169	13672127	0.32	cps
Indium	115-1	20800162	20891906	20804975	20832348	0.25	cps
Indium	115-2	3525528	3534600	3504919	3521682	0.43	cps
Iron	56-2	3056	2906	2978	2980	2.52	cps
Iron	57-2	139	67	133	113	35.58	cps
Krypton	83-1	4741	4868	5258	4955	5.44	cps
Lead	206-1	1678	1817	1661	1719	4.97	cps
Lead	207-1	1450	1522	1472	1482	2.50	cps
Lead	208-1	6045	6273	5945	6088	2.76	cps
Lithium	6-1	4835831	4871292	4843132	4850085	0.39	cps
Magnesium	24-2	458	433	458	450	3.21	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : PB121876BL Instrumnet Name : P7
 Client Sample ID : PB121876BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 16:37:48 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	40	27	34	20.14	cps
Molybdenum	94-1	950	717	800	822	14.38	cps
Molybdenum	95-1	175	150	233	186	22.98	cps
Molybdenum	96-1	333	267	375	325	16.81	cps
Molybdenum	97-1	167	133	100	133	25.00	cps
Molybdenum	98-1	283	433	275	331	26.96	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	123	97	113	111	12.13	cps
Phosphorus	31-2	108	158	108	125	23.09	cps
Potassium	39-2	23194	22952	22318	22821	1.98	cps
Rhodium	103-1	18645931	18730891	18688708	18688510	0.23	cps
Rhodium	103-2	8956920	9018511	8938453	8971295	0.47	cps
Scandium	45-1	10945429	10992875	10927612	10955305	0.31	cps
Scandium	45-2	457688	458831	460317	458945	0.29	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	28	50	54	44	31.99	cps
Selenium	82-1	60	115	-359	-62	-421.61	cps
Silicon	28-1	119382	120128	117626	119045	1.08	cps
Silver	109-1	167	183	150	167	10.00	cps
Silver	107-1	317	367	367	350	8.25	cps
Sodium	23-2	32578	33096	32444	32706	1.05	cps
Strontium	86-1	7794	7694	8403	7964	4.82	cps
Strontium	88-1	383	383	333	367	7.87	cps
Sulfur	34-1	611628	614591	613715	613311	0.25	cps
Terbium	159-1	30104960	29805954	29956630	29955848	0.50	cps
Terbium	159-2	13242703	13200248	13194333	13212428	0.20	cps
Thallium	203-1	1058	1067	1117	1081	2.92	cps
Thallium	205-1	2084	2267	2075	2142	5.06	cps
Thorium	232-1	3239	3339	3484	3354	3.66	cps
Tin	118-1	2092	2284	2142	2172	4.58	cps
Titanium	47-1	158	83	167	136	33.72	cps
Uranium	238-1	3209	3000	3117	3109	3.36	cps
Vanadium	51-2	0	3	7	3	100.05	cps
Yttrium	89-1	22509513	22604546	22744186	22619415	0.52	cps
Yttrium	89-2	2858228	2880670	2848427	2862442	0.58	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121876BL	Instrumnet Name :	P7
Client Sample ID :	PB121876BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:37:48	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	193	230	250	224	12.80	cps
Zirconium	90-1	1859	1959	2059	1959	5.11	cps
Zirconium	91-1	400	400	383	394	2.44	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121876BS	Instrumnet Name :	P7
Client Sample ID :	PB121876BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:41:26	DataFile Name :	026LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1311759	1311486	1321974	1315073	0.45	cps
Antimony	121-1	8509399	8463769	8439746	8470971	0.42	cps
Arsenic	75-1	1635187	1647060	1633156	1638468	0.46	cps
Barium	135-1	9996541	9878453	9881172	9918722	0.68	cps
Barium	137-1	17401584	17329589	17351359	17360844	0.21	cps
Beryllium	9-1	1314157	1285275	1281455	1293629	1.38	cps
Bismuth	209-1	18518243	18282736	18383618	18394866	0.64	cps
Bismuth	209-2	9264416	9294755	9276098	9278423	0.16	cps
Boron	10-1	213057	211770	217215	214014	1.33	cps
Boron	11-1	995117	1012925	1049241	1019094	2.71	cps
Cadmium	111-1	2451188	2445960	2430800	2442649	0.43	cps
Cadmium	106-1	280715	283027	282651	282131	0.44	cps
Cadmium	108-1	190004	190225	188296	189508	0.56	cps
Calcium	43-1	2163925	2136904	2123970	2141600	0.95	cps
Calcium	44-1	35587460	34742175	34860502	35063379	1.31	cps
Chromium	52-2	2103513	2126876	2118118	2116169	0.56	cps
Cobalt	59-2	3606084	3628100	3596451	3610212	0.45	cps
Copper	63-2	5224141	5234968	5220779	5226629	0.14	cps
Dysprosium	156-1	250	175	208	211	17.80	cps
Dysprosium	156-2	180	177	150	169	9.74	cps
Erbium	164-1	92	167	133	131	28.78	cps
Erbium	164-2	77	97	57	77	26.09	cps
Gadolinium	160-1	267	183	183	211	22.79	cps
Gadolinium	160-2	317	307	323	316	2.66	cps
Holmium	165-1	29132118	29373335	28948653	29151369	0.73	cps
Holmium	165-2	12941258	12963961	12965862	12957027	0.11	cps
Indium	115-1	19436284	19409187	19154129	19333200	0.81	cps
Indium	115-2	3121895	3189561	3154018	3155158	1.07	cps
Iron	56-2	94234613	94970797	94292374	94499261	0.43	cps
Iron	57-2	2329590	2342949	2338495	2337011	0.29	cps
Krypton	83-1	4357	4391	4507	4419	1.78	cps
Lead	206-1	8358166	8400453	8373058	8377226	0.26	cps
Lead	207-1	7148463	7196545	7083514	7142841	0.79	cps
Lead	208-1	32735288	32949944	32553484	32746239	0.61	cps
Lithium	6-1	4485199	4409046	4394509	4429585	1.10	cps
Magnesium	24-2	16487707	16517697	16622577	16542660	0.43	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121876BS	Instrumnet Name :	P7
Client Sample ID :	PB121876BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:41:26	DataFile Name :	026LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2483378	2519571	2503153	2502034	0.72	cps
Molybdenum	94-1	16345239	16192956	16188510	16242235	0.55	cps
Molybdenum	95-1	20348808	20376572	20362235	20362539	0.07	cps
Molybdenum	96-1	22779780	22961349	22692758	22811296	0.60	cps
Molybdenum	97-1	12986511	12850638	12858614	12898588	0.59	cps
Molybdenum	98-1	33550897	33200560	33017324	33256260	0.82	cps
Neodymium	150-1	953	820	713	829	14.51	cps
Neodymium	150-2	60	67	57	61	8.33	cps
Nickel	60-2	951728	955268	945238	950745	0.54	cps
Phosphorus	31-2	62975	62524	63871	63124	1.09	cps
Potassium	39-2	6411947	6455411	6441473	6436277	0.34	cps
Rhodium	103-1	16995101	16761945	16550620	16769222	1.33	cps
Rhodium	103-2	7789546	7913924	7883942	7862471	0.83	cps
Scandium	45-1	10232470	9994906	10011329	10079568	1.32	cps
Scandium	45-2	411835	417155	418489	415827	0.85	cps
Selenium	77-2	5928	6051	6145	6041	1.80	cps
Selenium	78-2	20635	20398	20839	20624	1.07	cps
Selenium	82-1	164755	163435	163175	163788	0.52	cps
Silicon	28-1	4665775	4684498	4556530	4635601	1.49	cps
Silver	109-1	10387102	10331035	10265151	10327763	0.59	cps
Silver	107-1	10843689	10783264	10742261	10789738	0.47	cps
Sodium	23-2	31290939	31289101	31414570	31331537	0.23	cps
Strontium	86-1	2433030	2425532	2409650	2422737	0.49	cps
Strontium	88-1	21466806	21308153	21147222	21307394	0.75	cps
Sulfur	34-1	1317087	1293728	1284068	1298294	1.31	cps
Terbium	159-1	29235344	28901778	29124555	29087225	0.58	cps
Terbium	159-2	12343884	12544926	12418002	12435604	0.82	cps
Thallium	203-1	10196667	10250721	10158828	10202072	0.45	cps
Thallium	205-1	24571983	24577147	24499506	24549545	0.18	cps
Thorium	232-1	34208744	33793191	34185050	34062328	0.69	cps
Tin	118-1	7322606	7240677	7202211	7255165	0.85	cps
Titanium	47-1	4821453	4741558	4749161	4770724	0.92	cps
Uranium	238-1	33214739	33110291	33350876	33225302	0.36	cps
Vanadium	51-2	1614970	1619591	1611089	1615217	0.26	cps
Yttrium	89-1	21264868	21220584	21111500	21198984	0.37	cps
Yttrium	89-2	2559993	2606453	2617956	2594801	1.18	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121876BS	Instrumnet Name :	P7
Client Sample ID :	PB121876BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:41:26	DataFile Name :	026LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	831300	839237	833634	834724	0.49	cps
Zirconium	90-1	12805662	12670513	12739681	12738618	0.53	cps
Zirconium	91-1	2822081	2821706	2814800	2819529	0.15	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:47:10	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6927857	6942111	6993711	6954560	0.50	cps
Antimony	121-1	7777449	7710392	7768711	7752184	0.47	cps
Arsenic	75-1	1557240	1561379	1567653	1562091	0.34	cps
Barium	135-1	9281226	9295009	9307765	9294667	0.14	cps
Barium	137-1	16368864	16177305	16447523	16331231	0.85	cps
Beryllium	9-1	1198122	1196121	1197363	1197202	0.08	cps
Bismuth	209-1	15991269	16325666	16295084	16204006	1.14	cps
Bismuth	209-2	8315033	8302752	8309401	8309062	0.07	cps
Boron	10-1	204330	208382	210376	207696	1.48	cps
Boron	11-1	980856	995570	1016619	997682	1.80	cps
Cadmium	111-1	2466461	2483196	2484672	2478110	0.41	cps
Cadmium	106-1	278708	279102	284835	280882	1.22	cps
Cadmium	108-1	188932	190279	189384	189532	0.36	cps
Calcium	43-1	9672792	9578130	9584458	9611793	0.55	cps
Calcium	44-1	158773024	156019066	157346412	157379501	0.88	cps
Chromium	52-2	2075439	2088067	2087819	2083775	0.35	cps
Cobalt	59-2	3420442	3449354	3434152	3434649	0.42	cps
Copper	63-2	5488445	5537667	5503254	5509789	0.46	cps
Dysprosium	156-1	175	192	233	200	15.02	cps
Dysprosium	156-2	160	207	160	176	15.35	cps
Erbium	164-1	117	133	183	144	24.02	cps
Erbium	164-2	100	83	73	86	15.75	cps
Gadolinium	160-1	167	133	208	169	22.18	cps
Gadolinium	160-2	313	377	287	326	14.20	cps
Holmium	165-1	26937697	27349540	27469081	27252106	1.02	cps
Holmium	165-2	12304539	12483813	12390161	12392838	0.72	cps
Indium	115-1	17363603	17669794	17767577	17600325	1.20	cps
Indium	115-2	2960469	2992781	3001973	2985074	0.73	cps
Iron	56-2	440243032	443992221	441250365	441828540	0.44	cps
Iron	57-2	10958149	10976327	11033238	10989238	0.36	cps
Krypton	83-1	4091	4184	4504	4260	5.09	cps
Lead	206-1	7693697	7717512	7682458	7697889	0.23	cps
Lead	207-1	6512885	6535768	6545757	6531470	0.26	cps
Lead	208-1	30038942	29924923	29900604	29954823	0.25	cps
Lithium	6-1	4064080	4118479	4117338	4099966	0.76	cps
Magnesium	24-2	77439706	77744160	77905279	77696382	0.30	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:47:10	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2392401	2403426	2415377	2403735	0.48	cps
Molybdenum	94-1	15514634	15447356	15448540	15470176	0.25	cps
Molybdenum	95-1	19391568	19474513	19542376	19469486	0.39	cps
Molybdenum	96-1	21698547	21749828	21760449	21736275	0.15	cps
Molybdenum	97-1	12211614	12175943	12168530	12185362	0.19	cps
Molybdenum	98-1	31550361	31415397	31608927	31524895	0.31	cps
Neodymium	150-1	920	920	813	885	6.96	cps
Neodymium	150-2	83	110	70	88	23.20	cps
Nickel	60-2	891086	897104	890954	893048	0.39	cps
Phosphorus	31-2	60825	61469	60231	60842	1.02	cps
Potassium	39-2	31262225	31457750	31562757	31427577	0.49	cps
Rhodium	103-1	14683731	14934168	15093395	14903765	1.39	cps
Rhodium	103-2	7171705	7135588	7224431	7177241	0.62	cps
Scandium	45-1	9309834	9499460	9550510	9453268	1.34	cps
Scandium	45-2	406241	407273	412458	408657	0.82	cps
Selenium	77-2	5871	5641	5715	5742	2.05	cps
Selenium	78-2	19311	18972	19474	19252	1.33	cps
Selenium	82-1	146941	147759	147489	147396	0.28	cps
Silicon	28-1	4590146	4721342	4794134	4701874	2.20	cps
Silver	109-1	9976944	9987548	9831190	9931894	0.88	cps
Silver	107-1	10415057	10386478	10371080	10390872	0.21	cps
Sodium	23-2	147697549	147958224	147802241	147819338	0.09	cps
Strontium	86-1	2264738	2307668	2304715	2292374	1.05	cps
Strontium	88-1	19960666	20206878	20195778	20121107	0.69	cps
Sulfur	34-1	1211887	1211072	1226405	1216454	0.71	cps
Terbium	159-1	26889205	27259635	27559861	27236234	1.23	cps
Terbium	159-2	11888507	11918096	11975004	11927202	0.37	cps
Thallium	203-1	9459944	9344248	9350578	9384923	0.69	cps
Thallium	205-1	22707428	22619477	22691165	22672690	0.21	cps
Thorium	232-1	32638897	32506377	32377469	32507581	0.40	cps
Tin	118-1	6718511	6672135	6661973	6684207	0.45	cps
Titanium	47-1	4543078	4559506	4522280	4541621	0.41	cps
Uranium	238-1	32210678	31977826	31356991	31848498	1.39	cps
Vanadium	51-2	1589144	1586362	1597091	1590866	0.35	cps
Yttrium	89-1	19451556	19752087	20020308	19741317	1.44	cps
Yttrium	89-2	2503233	2516014	2541166	2520138	0.77	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P7
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:47:10	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	806155	814607	817996	812919	0.75	cps
Zirconium	90-1	12033165	11973662	11876259	11961029	0.66	cps
Zirconium	91-1	2674115	2661952	2660172	2665413	0.28	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:56:20	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	242	250	228	13.85	cps
Antimony	121-1	3092	3234	3426	3251	5.15	cps
Arsenic	75-1	-11895	-11905	-11849	-11883	-0.25	cps
Barium	135-1	408	475	475	453	8.50	cps
Barium	137-1	692	667	758	706	6.72	cps
Beryllium	9-1	233	293	250	259	11.96	cps
Bismuth	209-1	19199668	19356024	19145792	19233828	0.57	cps
Bismuth	209-2	10008024	10043954	9993233	10015070	0.26	cps
Boron	10-1	5651	5835	5418	5635	3.71	cps
Boron	11-1	27877	26532	25706	26705	4.10	cps
Cadmium	111-1	6710	6946	6686	6781	2.12	cps
Cadmium	106-1	9312	9729	9345	9462	2.45	cps
Cadmium	108-1	29	38	50	39	26.96	cps
Calcium	43-1	575	633	558	589	6.69	cps
Calcium	44-1	23069	23512	23270	23284	0.95	cps
Chromium	52-2	907	867	877	883	2.36	cps
Cobalt	59-2	260	213	227	233	10.30	cps
Copper	63-2	1557	1567	1547	1557	0.64	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	40	13	20	24	56.78	cps
Erbium	164-1	117	108	117	114	4.22	cps
Erbium	164-2	77	50	63	63	21.06	cps
Gadolinium	160-1	150	83	142	125	29.06	cps
Gadolinium	160-2	293	297	337	309	7.81	cps
Holmium	165-1	29332110	29355242	29390625	29359326	0.10	cps
Holmium	165-2	13449485	13565002	13527973	13514153	0.44	cps
Indium	115-1	20587225	20509324	20576430	20557660	0.21	cps
Indium	115-2	3448515	3468259	3502262	3473012	0.78	cps
Iron	56-2	17422	17973	17383	17592	1.87	cps
Iron	57-2	444	400	478	441	8.85	cps
Krypton	83-1	4728	4851	4904	4828	1.88	cps
Lead	206-1	2095	2250	2306	2217	4.94	cps
Lead	207-1	2050	1861	2000	1971	4.97	cps
Lead	208-1	8423	8446	8262	8377	1.19	cps
Lithium	6-1	4755470	4734249	4748899	4746206	0.23	cps
Magnesium	24-2	2992	2817	2942	2917	3.09	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:56:20	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	123	137	110	123	10.81	cps
Molybdenum	94-1	2075	2150	2292	2172	5.07	cps
Molybdenum	95-1	2267	2142	2417	2275	6.05	cps
Molybdenum	96-1	2617	2525	2517	2553	2.17	cps
Molybdenum	97-1	1533	1492	1425	1483	3.68	cps
Molybdenum	98-1	4017	3692	3517	3742	6.78	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	100	130	163	131	24.17	cps
Phosphorus	31-2	150	200	67	139	48.50	cps
Potassium	39-2	27067	26441	26750	26753	1.17	cps
Rhodium	103-1	18346775	18317130	18370700	18344868	0.15	cps
Rhodium	103-2	8768770	8823169	8820997	8804312	0.35	cps
Scandium	45-1	10763185	10702187	10659795	10708389	0.49	cps
Scandium	45-2	448279	450527	455230	451346	0.79	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	37	24	69	43	52.90	cps
Selenium	82-1	149	-39	-128	-6	-2300.96	cps
Silicon	28-1	118836	117114	119458	118469	1.03	cps
Silver	109-1	683	633	658	658	3.80	cps
Silver	107-1	808	892	725	808	10.31	cps
Sodium	23-2	47376	45361	45796	46178	2.30	cps
Strontium	86-1	8036	8161	8036	8078	0.89	cps
Strontium	88-1	967	1092	1150	1070	8.76	cps
Sulfur	34-1	571712	570541	576939	573064	0.59	cps
Terbium	159-1	29571545	29482100	29504425	29519357	0.16	cps
Terbium	159-2	12902013	12990762	13082083	12991620	0.69	cps
Thallium	203-1	2025	1834	1967	1942	5.06	cps
Thallium	205-1	4026	4034	3817	3959	3.10	cps
Thorium	232-1	7880	7297	7519	7565	3.89	cps
Tin	118-1	3409	3292	3609	3437	4.66	cps
Titanium	47-1	442	342	317	367	18.04	cps
Uranium	238-1	4076	4376	4051	4168	4.34	cps
Vanadium	51-2	63	73	30	56	40.84	cps
Yttrium	89-1	22159801	22217849	22208853	22195501	0.14	cps
Yttrium	89-2	2799057	2796385	2825523	2806989	0.57	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P7
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:56:20	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	327	320	297	314	5.01	cps
Zirconium	90-1	2667	2884	2517	2689	6.86	cps
Zirconium	91-1	642	592	533	589	9.21	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121877BL	Instrumnet Name :	P7
Client Sample ID :	PB121877BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:59:56	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	117	83	106	18.23	cps
Antimony	121-1	775	983	758	839	14.95	cps
Arsenic	75-1	-11803	-12200	-11878	-11960	-1.76	cps
Barium	135-1	67	50	117	78	44.61	cps
Barium	137-1	42	117	33	64	71.84	cps
Beryllium	9-1	177	163	170	170	3.92	cps
Bismuth	209-1	19379020	19546476	19278486	19401327	0.70	cps
Bismuth	209-2	10078704	10005753	10007478	10030645	0.42	cps
Boron	10-1	4459	3967	3942	4123	7.07	cps
Boron	11-1	19514	19722	19013	19416	1.88	cps
Cadmium	111-1	7117	7096	6985	7066	1.00	cps
Cadmium	106-1	10062	10096	9879	10012	1.17	cps
Cadmium	108-1	21	42	25	29	37.81	cps
Calcium	43-1	200	167	192	186	9.32	cps
Calcium	44-1	17103	16510	17253	16955	2.32	cps
Chromium	52-2	750	757	750	752	0.51	cps
Cobalt	59-2	90	87	87	88	2.19	cps
Copper	63-2	1257	1453	1423	1378	7.69	cps
Dysprosium	156-1	17	25	50	31	56.77	cps
Dysprosium	156-2	20	27	13	20	33.35	cps
Erbium	164-1	108	117	92	106	12.06	cps
Erbium	164-2	90	80	63	78	17.32	cps
Gadolinium	160-1	75	142	200	139	45.04	cps
Gadolinium	160-2	283	313	310	302	5.44	cps
Holmium	165-1	30119747	30009841	29741131	29956906	0.65	cps
Holmium	165-2	13662147	13577762	13606742	13615550	0.31	cps
Indium	115-1	20926465	21010673	20893623	20943587	0.29	cps
Indium	115-2	3511780	3497987	3500553	3503440	0.21	cps
Iron	56-2	3656	3606	3539	3601	1.63	cps
Iron	57-2	72	111	172	119	42.54	cps
Krypton	83-1	4928	4741	5051	4906	3.18	cps
Lead	206-1	1767	1811	1817	1798	1.52	cps
Lead	207-1	1572	1417	1345	1445	8.06	cps
Lead	208-1	6234	6434	6223	6297	1.89	cps
Lithium	6-1	4800138	4820622	4798910	4806556	0.25	cps
Magnesium	24-2	483	575	458	506	12.15	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121877BL	Instrumnet Name :	P7
Client Sample ID :	PB121877BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:59:56	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	50	47	52	13.28	cps
Molybdenum	94-1	1217	1167	1242	1208	3.16	cps
Molybdenum	95-1	958	892	925	925	3.60	cps
Molybdenum	96-1	1250	983	883	1039	18.24	cps
Molybdenum	97-1	675	692	467	611	20.52	cps
Molybdenum	98-1	1608	1475	1333	1472	9.34	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	7	13	0	7	99.98	cps
Nickel	60-2	97	137	140	124	19.38	cps
Phosphorus	31-2	75	108	150	111	33.82	cps
Potassium	39-2	24630	24421	23795	24282	1.79	cps
Rhodium	103-1	18648308	18726918	18701789	18692338	0.21	cps
Rhodium	103-2	8901449	8843458	8812944	8852617	0.51	cps
Scandium	45-1	10904387	10914289	10894291	10904322	0.09	cps
Scandium	45-2	455233	451880	457630	454914	0.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	41	43	39	12.60	cps
Selenium	82-1	-156	259	-139	-12	-1923.96	cps
Silicon	28-1	120339	119424	115972	118578	1.94	cps
Silver	109-1	242	192	225	219	11.60	cps
Silver	107-1	400	325	417	381	12.83	cps
Sodium	23-2	39871	40013	40832	40238	1.29	cps
Strontium	86-1	7869	7469	7711	7683	2.62	cps
Strontium	88-1	350	367	342	353	3.61	cps
Sulfur	34-1	586132	589122	588286	587847	0.26	cps
Terbium	159-1	30086770	30220410	29877017	30061399	0.58	cps
Terbium	159-2	13171674	13170212	13053293	13131726	0.52	cps
Thallium	203-1	1375	1375	1225	1325	6.54	cps
Thallium	205-1	2400	2467	2484	2450	1.80	cps
Thorium	232-1	4262	4451	4651	4455	4.37	cps
Tin	118-1	2600	2717	2525	2614	3.70	cps
Titanium	47-1	208	158	200	189	14.18	cps
Uranium	238-1	3209	3409	3084	3234	5.07	cps
Vanadium	51-2	0	13	3	6	124.93	cps
Yttrium	89-1	22722445	22855345	22560751	22712847	0.65	cps
Yttrium	89-2	2834161	2823777	2861845	2839928	0.69	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121877BL	Instrumnet Name :	P7
Client Sample ID :	PB121877BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 16:59:56	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	277	243	280	267	7.60	cps
Zirconium	90-1	1925	1900	1875	1900	1.32	cps
Zirconium	91-1	433	483	383	433	11.54	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121877BS	Instrumnet Name :	P7
Client Sample ID :	PB121877BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:03:32	DataFile Name :	030LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1353618	1344176	1338917	1345570	0.55	cps
Antimony	121-1	8511663	8414891	8519547	8482034	0.69	cps
Arsenic	75-1	1661341	1631532	1660652	1651175	1.03	cps
Barium	135-1	9917791	9819521	10026594	9921302	1.04	cps
Barium	137-1	17387676	17189480	17627244	17401467	1.26	cps
Beryllium	9-1	1289851	1273194	1300721	1287922	1.08	cps
Bismuth	209-1	18116856	22241551	17990028	19449478	12.44	cps
Bismuth	209-2	9212308	9340940	9133526	9228925	1.13	cps
Boron	10-1	209298	209322	219572	212730	2.79	cps
Boron	11-1	1018535	1017011	1060853	1032133	2.41	cps
Cadmium	111-1	2450159	2407111	2476802	2444690	1.44	cps
Cadmium	106-1	284278	281989	287451	284573	0.96	cps
Cadmium	108-1	190254	188709	191107	190023	0.64	cps
Calcium	43-1	2150302	2112911	2176677	2146630	1.49	cps
Calcium	44-1	35200877	34654648	35536692	35130739	1.27	cps
Chromium	52-2	2184228	2175822	2159232	2173094	0.59	cps
Cobalt	59-2	3710026	3706244	3692506	3702925	0.25	cps
Copper	63-2	5356176	5342750	5371069	5356665	0.26	cps
Dysprosium	156-1	150	183	167	167	10.00	cps
Dysprosium	156-2	130	137	160	142	11.08	cps
Erbium	164-1	158	92	133	128	26.36	cps
Erbium	164-2	110	103	90	101	10.07	cps
Gadolinium	160-1	183	200	217	200	8.33	cps
Gadolinium	160-2	257	223	293	258	13.58	cps
Holmium	165-1	28794683	35899767	28939088	31211180	13.01	cps
Holmium	165-2	13131122	13208625	12930134	13089960	1.10	cps
Indium	115-1	19387382	24042071	19462233	20963895	12.72	cps
Indium	115-2	3226788	3212199	3147315	3195434	1.32	cps
Iron	56-2	96965555	96987433	96129344	96694110	0.51	cps
Iron	57-2	2401989	2389144	2384335	2391822	0.38	cps
Krypton	83-1	4501	4904	4644	4683	4.37	cps
Lead	206-1	8261186	8125640	8314719	8233848	1.18	cps
Lead	207-1	7018793	6922040	7121942	7020925	1.42	cps
Lead	208-1	32270273	31876909	32465552	32204245	0.93	cps
Lithium	6-1	4415813	5287579	4409718	4704370	10.74	cps
Magnesium	24-2	16915212	16778664	16771051	16821643	0.48	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : PB121877BS Instrumnet Name : P7
 Client Sample ID : PB121877BS Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 17:03:32 DataFile Name : 030LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2581671	2570307	2552121	2568033	0.58	cps
Molybdenum	94-1	16475885	16082018	16488192	16348698	1.41	cps
Molybdenum	95-1	20619412	20155756	20682683	20485950	1.40	cps
Molybdenum	96-1	23030059	22559442	23167404	22918968	1.39	cps
Molybdenum	97-1	12943215	12670536	12962254	12858669	1.27	cps
Molybdenum	98-1	33585152	32830757	33746233	33387381	1.46	cps
Neodymium	150-1	893	847	933	891	4.87	cps
Neodymium	150-2	57	90	50	66	32.69	cps
Nickel	60-2	976267	975552	970083	973967	0.35	cps
Phosphorus	31-2	66030	65947	66147	66041	0.15	cps
Potassium	39-2	6658055	6654610	6569893	6627520	0.75	cps
Rhodium	103-1	16884683	20952108	16913484	18250092	12.82	cps
Rhodium	103-2	7992526	7990881	7879909	7954439	0.81	cps
Scandium	45-1	10149196	12565719	10138961	10951292	12.77	cps
Scandium	45-2	427630	426047	417981	423886	1.22	cps
Selenium	77-2	6225	6528	6188	6314	2.96	cps
Selenium	78-2	21104	21316	21364	21261	0.65	cps
Selenium	82-1	164122	160730	166496	163783	1.77	cps
Silicon	28-1	4788630	4799351	4951939	4846640	1.88	cps
Silver	109-1	10427365	10279919	10460623	10389302	0.93	cps
Silver	107-1	10852002	10736606	10951087	10846565	0.99	cps
Sodium	23-2	32069725	31930062	31701984	31900590	0.58	cps
Strontium	86-1	2439130	2401630	2466962	2435908	1.35	cps
Strontium	88-1	21271036	20957607	21380467	21203036	1.04	cps
Sulfur	34-1	1303066	1293869	1304832	1300589	0.45	cps
Terbium	159-1	29145110	35898818	29289339	31444422	12.27	cps
Terbium	159-2	12576936	12541885	12389901	12502907	0.80	cps
Thallium	203-1	10133011	10010446	10142668	10095375	0.73	cps
Thallium	205-1	24192280	23911805	24253551	24119212	0.76	cps
Thorium	232-1	33616001	33007219	33460637	33361286	0.95	cps
Tin	118-1	7294805	7150127	7260349	7235093	1.04	cps
Titanium	47-1	4831800	4739481	4850082	4807121	1.23	cps
Uranium	238-1	32999198	32367463	33149383	32838681	1.26	cps
Vanadium	51-2	1670714	1667316	1666863	1668298	0.13	cps
Yttrium	89-1	21278617	26180828	21154203	22871216	12.53	cps
Yttrium	89-2	2643756	2659856	2620074	2641229	0.76	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121877BS	Instrumnet Name :	P7
Client Sample ID :	PB121877BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:03:32	DataFile Name :	030LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	847833	847260	845628	846907	0.14	cps
Zirconium	90-1	12842479	12540095	12787896	12723490	1.27	cps
Zirconium	91-1	2849714	2793281	2871882	2838292	1.43	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : PB121878BL Instrumnet Name : P7
 Client Sample ID : PB121878BL Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 17:15:43 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	42	83	64	32.83	cps
Antimony	121-1	1875	2175	2075	2042	7.48	cps
Arsenic	75-1	-11322	-11545	-11548	-11472	-1.13	cps
Barium	135-1	58	92	75	75	22.22	cps
Barium	137-1	150	117	158	142	15.56	cps
Beryllium	9-1	217	150	173	180	18.79	cps
Bismuth	209-1	19471439	18974087	19139716	19195081	1.32	cps
Bismuth	209-2	10037748	9958166	9975258	9990391	0.42	cps
Boron	10-1	3726	3634	4076	3812	6.12	cps
Boron	11-1	18645	18412	18045	18367	1.65	cps
Cadmium	111-1	6656	7131	6530	6772	4.68	cps
Cadmium	106-1	9387	10112	9220	9573	4.96	cps
Cadmium	108-1	21	21	17	19	12.35	cps
Calcium	43-1	200	108	133	147	32.19	cps
Calcium	44-1	15985	17136	15976	16366	4.08	cps
Chromium	52-2	780	703	760	748	5.32	cps
Cobalt	59-2	97	110	73	93	19.89	cps
Copper	63-2	1440	1380	1340	1387	3.63	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	40	13	13	22	69.30	cps
Erbium	164-1	117	133	142	131	9.75	cps
Erbium	164-2	43	57	47	49	14.20	cps
Gadolinium	160-1	117	175	242	178	35.18	cps
Gadolinium	160-2	347	290	333	323	9.16	cps
Holmium	165-1	29849416	29500150	29336229	29561932	0.89	cps
Holmium	165-2	13588691	13478766	13489625	13519027	0.45	cps
Indium	115-1	20702227	20615641	20461410	20593093	0.59	cps
Indium	115-2	3429784	3445977	3424392	3433384	0.33	cps
Iron	56-2	3195	3278	3123	3199	2.43	cps
Iron	57-2	133	128	117	126	6.74	cps
Krypton	83-1	4664	4871	4751	4762	2.18	cps
Lead	206-1	1678	1745	1683	1702	2.17	cps
Lead	207-1	1645	1633	1611	1630	1.04	cps
Lead	208-1	6217	6590	6640	6482	3.56	cps
Lithium	6-1	4681843	4652687	4629512	4654681	0.56	cps
Magnesium	24-2	542	483	525	517	5.82	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121878BL	Instrumnet Name :	P7
Client Sample ID :	PB121878BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:15:43	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	43	70	59	23.57	cps
Molybdenum	94-1	1075	1358	1183	1206	11.86	cps
Molybdenum	95-1	808	808	800	806	0.60	cps
Molybdenum	96-1	1075	1117	950	1047	8.28	cps
Molybdenum	97-1	667	500	600	589	14.25	cps
Molybdenum	98-1	1417	1525	1200	1381	11.99	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	3	10	27	13	90.16	cps
Nickel	60-2	133	153	110	132	16.40	cps
Phosphorus	31-2	167	100	133	133	25.00	cps
Potassium	39-2	22509	22468	22568	22515	0.22	cps
Rhodium	103-1	18127702	18359789	18284545	18257345	0.65	cps
Rhodium	103-2	8705685	8717665	8719395	8714248	0.09	cps
Scandium	45-1	10675136	10555711	10549778	10593542	0.67	cps
Scandium	45-2	446500	443177	444351	444676	0.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	61	43	48	25.05	cps
Selenium	82-1	-45	-166	-19	-77	-102.36	cps
Silicon	28-1	115132	112168	116023	114441	1.76	cps
Silver	109-1	300	217	217	244	19.68	cps
Silver	107-1	342	475	408	408	16.33	cps
Sodium	23-2	36554	36353	35902	36270	0.92	cps
Strontium	86-1	7602	7919	7519	7680	2.75	cps
Strontium	88-1	458	342	467	422	16.55	cps
Sulfur	34-1	572732	572582	572023	572445	0.07	cps
Terbium	159-1	30015948	29644282	29706961	29789064	0.67	cps
Terbium	159-2	13134411	12968771	13072799	13058661	0.64	cps
Thallium	203-1	1225	1183	1317	1242	5.49	cps
Thallium	205-1	2475	2592	2250	2439	7.12	cps
Thorium	232-1	4929	4840	5012	4927	1.75	cps
Tin	118-1	2334	2267	2350	2317	1.90	cps
Titanium	47-1	175	225	167	189	16.70	cps
Uranium	238-1	3426	3476	3209	3370	4.21	cps
Vanadium	51-2	27	7	10	14	74.18	cps
Yttrium	89-1	22151457	22129855	22163347	22148220	0.08	cps
Yttrium	89-2	2778332	2777890	2775578	2777267	0.05	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121878BL	Instrumnet Name :	P7
Client Sample ID :	PB121878BL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:15:43	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	237	290	270	266	10.15	cps
Zirconium	90-1	1950	1984	1884	1939	2.63	cps
Zirconium	91-1	267	400	358	342	19.97	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121878BS	Instrumnet Name :	P7
Client Sample ID :	PB121878BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:19:20	DataFile Name :	032DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1322479	1325786	1314220	1320829	0.45	cps
Antimony	121-1	8399125	8364824	8348548	8370833	0.31	cps
Arsenic	75-1	1596935	1611870	1611761	1606855	0.53	cps
Barium	135-1	9843623	9850598	9834958	9843059	0.08	cps
Barium	137-1	17220889	17167282	17212588	17200253	0.17	cps
Beryllium	9-1	1272370	1274647	1264861	1270626	0.40	cps
Bismuth	209-1	18021476	18098471	18107500	18075815	0.26	cps
Bismuth	209-2	9211242	9228337	9339476	9259685	0.75	cps
Boron	10-1	210099	212374	216068	212847	1.42	cps
Boron	11-1	994911	1021706	1028123	1014913	1.74	cps
Cadmium	111-1	2423654	2421094	2416923	2420557	0.14	cps
Cadmium	106-1	277738	281661	278507	279302	0.74	cps
Cadmium	108-1	188212	189613	189221	189015	0.38	cps
Calcium	43-1	2108701	2104720	2112841	2108754	0.19	cps
Calcium	44-1	34411123	34430728	34399593	34413815	0.05	cps
Chromium	52-2	2131644	2139081	2105615	2125447	0.83	cps
Cobalt	59-2	3645215	3613307	3602367	3620297	0.61	cps
Copper	63-2	5266560	5232637	5195713	5231637	0.68	cps
Dysprosium	156-1	167	125	233	175	31.23	cps
Dysprosium	156-2	183	157	193	178	10.66	cps
Erbium	164-1	100	158	142	133	22.53	cps
Erbium	164-2	97	87	80	88	9.56	cps
Gadolinium	160-1	150	150	175	158	9.12	cps
Gadolinium	160-2	383	270	303	319	18.27	cps
Holmium	165-1	28865634	28933798	28722681	28840704	0.37	cps
Holmium	165-2	12997991	13145731	13255374	13133032	0.98	cps
Indium	115-1	19080483	19249848	19034513	19121615	0.59	cps
Indium	115-2	3168410	3188100	3206447	3187652	0.60	cps
Iron	56-2	95049710	94779969	93477560	94435747	0.89	cps
Iron	57-2	2349913	2359183	2341317	2350138	0.38	cps
Krypton	83-1	4374	4327	4417	4373	1.03	cps
Lead	206-1	8213489	8274072	8259294	8248952	0.38	cps
Lead	207-1	6970414	6970642	6971597	6970884	0.01	cps
Lead	208-1	32073963	32158620	32149641	32127408	0.14	cps
Lithium	6-1	4327244	4361525	4318672	4335814	0.52	cps
Magnesium	24-2	16544208	16568422	16310044	16474224	0.87	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : PB121878BS Instrumnet Name : P7
 Client Sample ID : PB121878BS Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 17:19:20 DataFile Name : 032DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2512736	2515775	2484700	2504403	0.68	cps
Molybdenum	94-1	16042262	16081985	16077099	16067115	0.13	cps
Molybdenum	95-1	20218760	20117908	20091015	20142561	0.33	cps
Molybdenum	96-1	22457049	22540462	22459003	22485505	0.21	cps
Molybdenum	97-1	12717063	12758332	12703313	12726236	0.22	cps
Molybdenum	98-1	32855814	32847837	32696509	32800054	0.27	cps
Neodymium	150-1	847	887	900	878	3.16	cps
Neodymium	150-2	43	87	63	64	33.66	cps
Nickel	60-2	951306	953186	955304	953265	0.21	cps
Phosphorus	31-2	64532	64122	62532	63729	1.66	cps
Potassium	39-2	6439780	6499896	6418050	6452575	0.66	cps
Rhodium	103-1	16513560	16711142	16515662	16580122	0.68	cps
Rhodium	103-2	7883371	7874177	8016131	7924560	1.00	cps
Scandium	45-1	9910944	9932194	9888610	9910583	0.22	cps
Scandium	45-2	418127	421795	427222	422381	1.08	cps
Selenium	77-2	6278	6411	6265	6318	1.28	cps
Selenium	78-2	20837	20704	20476	20672	0.88	cps
Selenium	82-1	162098	162562	161324	161995	0.39	cps
Silicon	28-1	4660829	4771196	4759017	4730347	1.28	cps
Silver	109-1	10182698	10231469	10202095	10205421	0.24	cps
Silver	107-1	10632077	10790983	10626032	10683030	0.88	cps
Sodium	23-2	31319257	31412055	30873045	31201452	0.92	cps
Strontium	86-1	2397285	2417603	2396117	2403668	0.50	cps
Strontium	88-1	21006422	21074462	20995606	21025497	0.20	cps
Sulfur	34-1	1272551	1262555	1263791	1266299	0.43	cps
Terbium	159-1	28944009	29286515	28923308	29051277	0.70	cps
Terbium	159-2	12376952	12515907	12584889	12492583	0.85	cps
Thallium	203-1	10022921	10210089	10042046	10091686	1.02	cps
Thallium	205-1	23982555	24236584	24281146	24166762	0.67	cps
Thorium	232-1	33490837	33222551	33280113	33331167	0.42	cps
Tin	118-1	7139779	7168850	7142538	7150389	0.22	cps
Titanium	47-1	4670308	4677466	4697233	4681669	0.30	cps
Uranium	238-1	32665943	32798021	32570699	32678221	0.35	cps
Vanadium	51-2	1636519	1640162	1609358	1628680	1.03	cps
Yttrium	89-1	20982484	20957898	20956757	20965713	0.07	cps
Yttrium	89-2	2615160	2639205	2663232	2639199	0.91	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PB121878BS	Instrumnet Name :	P7
Client Sample ID :	PB121878BS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:19:20	DataFile Name :	032DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	833745	840324	830533	834867	0.60	cps
Zirconium	90-1	12541584	12553857	12587611	12561017	0.19	cps
Zirconium	91-1	2774216	2816071	2799139	2796475	0.75	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:23:09	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6871208	6867816	6884726	6874583	0.13	cps
Antimony	121-1	7764794	7700092	7739401	7734762	0.42	cps
Arsenic	75-1	1644206	1626767	1616388	1629120	0.86	cps
Barium	135-1	9253785	9214008	9319949	9262580	0.58	cps
Barium	137-1	16153699	16247556	16276817	16226024	0.40	cps
Beryllium	9-1	1193346	1191677	1185996	1190340	0.32	cps
Bismuth	209-1	16222556	16174383	16488301	16295080	1.04	cps
Bismuth	209-2	8261184	8358310	8373562	8331019	0.73	cps
Boron	10-1	207986	212492	206407	208962	1.51	cps
Boron	11-1	994286	1020236	990291	1001604	1.62	cps
Cadmium	111-1	2454487	2445586	2459672	2453248	0.29	cps
Cadmium	106-1	280440	280291	279030	279920	0.28	cps
Cadmium	108-1	188807	190090	187978	188958	0.56	cps
Calcium	43-1	9582028	9462218	9650156	9564800	0.99	cps
Calcium	44-1	157419045	154739133	157396962	156518380	0.98	cps
Chromium	52-2	2056883	2078752	2081349	2072328	0.65	cps
Cobalt	59-2	3399642	3416817	3404807	3407089	0.26	cps
Copper	63-2	5553002	5567343	5548188	5556178	0.18	cps
Dysprosium	156-1	267	283	267	272	3.54	cps
Dysprosium	156-2	217	213	163	198	15.11	cps
Erbium	164-1	67	167	108	114	44.11	cps
Erbium	164-2	97	103	63	88	24.42	cps
Gadolinium	160-1	225	225	250	233	6.19	cps
Gadolinium	160-2	357	277	267	300	16.44	cps
Holmium	165-1	27756496	27793454	27712082	27754011	0.15	cps
Holmium	165-2	12566689	12597683	12532820	12565731	0.26	cps
Indium	115-1	17892389	17948416	17873520	17904775	0.22	cps
Indium	115-2	3006565	3014204	3011887	3010885	0.13	cps
Iron	56-2	440818721	440202632	441886799	440969384	0.19	cps
Iron	57-2	10940714	10914863	10928359	10927979	0.12	cps
Krypton	83-1	4407	4487	4371	4422	1.35	cps
Lead	206-1	7568413	7629645	7630585	7609548	0.47	cps
Lead	207-1	6369910	6466646	6498874	6445143	1.04	cps
Lead	208-1	29410714	29453414	29644562	29502897	0.42	cps
Lithium	6-1	4142841	4137893	4139112	4139949	0.06	cps
Magnesium	24-2	77002062	77396035	77422085	77273394	0.30	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:23:09	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2390281	2394689	2401643	2395538	0.24	cps
Molybdenum	94-1	15368315	15407976	15363736	15380009	0.16	cps
Molybdenum	95-1	19242705	19170749	19331348	19248267	0.42	cps
Molybdenum	96-1	21483957	21414107	21686611	21528225	0.66	cps
Molybdenum	97-1	12086531	12098898	12206761	12130730	0.55	cps
Molybdenum	98-1	31416420	31485165	31486897	31462827	0.13	cps
Neodymium	150-1	893	867	973	911	6.09	cps
Neodymium	150-2	87	130	110	109	19.92	cps
Nickel	60-2	890345	895849	886346	890847	0.54	cps
Phosphorus	31-2	60925	62532	62389	61949	1.44	cps
Potassium	39-2	31035583	31151819	31182907	31123436	0.25	cps
Rhodium	103-1	15109507	15222960	15165130	15165865	0.37	cps
Rhodium	103-2	7313591	7280951	7315608	7303383	0.27	cps
Scandium	45-1	9621529	9519148	9607942	9582873	0.58	cps
Scandium	45-2	409601	413274	412252	411709	0.46	cps
Selenium	77-2	5848	5888	5841	5859	0.43	cps
Selenium	78-2	19432	19306	19977	19571	1.82	cps
Selenium	82-1	148664	148486	149785	148978	0.47	cps
Silicon	28-1	4828611	4887480	4899856	4871982	0.78	cps
Silver	109-1	10106538	10048878	10105927	10087115	0.33	cps
Silver	107-1	10539530	10502404	10617290	10553075	0.56	cps
Sodium	23-2	146911824	147447295	148479832	147612984	0.54	cps
Strontium	86-1	2284730	2269554	2311914	2288733	0.94	cps
Strontium	88-1	19922638	19912317	20014533	19949829	0.28	cps
Sulfur	34-1	1233212	1229364	1229103	1230560	0.19	cps
Terbium	159-1	27521908	27528786	27881514	27644069	0.74	cps
Terbium	159-2	11943109	12056826	12107776	12035903	0.70	cps
Thallium	203-1	9372128	9326583	9372299	9357003	0.28	cps
Thallium	205-1	22357049	22443344	22419424	22406606	0.20	cps
Thorium	232-1	32008633	31863615	32196476	32022908	0.52	cps
Tin	118-1	6674425	6666643	6663141	6668070	0.09	cps
Titanium	47-1	4522567	4486664	4499422	4502885	0.40	cps
Uranium	238-1	31391338	31328849	31705696	31475294	0.64	cps
Vanadium	51-2	1573277	1589084	1585405	1582588	0.52	cps
Yttrium	89-1	19953636	19972081	20006691	19977469	0.13	cps
Yttrium	89-2	2543880	2558215	2564219	2555438	0.41	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:23:09	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	837932	842584	839873	840130	0.28	cps
Zirconium	90-1	12055251	11929550	12027865	12004222	0.55	cps
Zirconium	91-1	2687487	2660353	2660980	2669607	0.58	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : CCB28 Instrumnet Name : P7
 Client Sample ID : CCB28 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 17:33:12 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	208	292	239	19.21	cps
Antimony	121-1	2959	3234	3334	3176	6.12	cps
Arsenic	75-1	-12052	-12140	-11780	-11991	-1.57	cps
Barium	135-1	292	375	375	347	13.86	cps
Barium	137-1	492	567	608	556	10.64	cps
Beryllium	9-1	230	227	203	220	6.60	cps
Bismuth	209-1	19079079	19393913	18958184	19143725	1.18	cps
Bismuth	209-2	9896510	9794648	9762732	9817964	0.71	cps
Boron	10-1	5735	5434	5218	5462	4.75	cps
Boron	11-1	26173	25497	25147	25606	2.04	cps
Cadmium	111-1	6900	6765	6841	6835	0.99	cps
Cadmium	106-1	9670	9454	9520	9548	1.16	cps
Cadmium	108-1	33	33	21	29	24.75	cps
Calcium	43-1	375	442	475	431	11.83	cps
Calcium	44-1	19981	21434	20290	20569	3.72	cps
Chromium	52-2	817	870	767	818	6.32	cps
Cobalt	59-2	243	187	243	224	14.58	cps
Copper	63-2	1537	1413	1487	1479	4.19	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	10	27	3	13	90.16	cps
Erbium	164-1	92	108	175	125	35.28	cps
Erbium	164-2	53	63	120	79	45.58	cps
Gadolinium	160-1	242	250	167	219	20.92	cps
Gadolinium	160-2	367	270	327	321	15.13	cps
Holmium	165-1	29283228	29367148	29318953	29323109	0.14	cps
Holmium	165-2	13506316	13452929	13371458	13443568	0.51	cps
Indium	115-1	20612427	20729256	20582695	20641459	0.38	cps
Indium	115-2	3450793	3435728	3433644	3440055	0.27	cps
Iron	56-2	16120	16070	16793	16328	2.47	cps
Iron	57-2	472	433	472	459	4.89	cps
Krypton	83-1	4998	5034	4734	4922	3.33	cps
Lead	206-1	1872	2250	2150	2091	9.36	cps
Lead	207-1	1689	1961	1967	1872	8.48	cps
Lead	208-1	7212	7996	7890	7699	5.52	cps
Lithium	6-1	4739413	4780949	4718557	4746306	0.67	cps
Magnesium	24-2	2584	2650	2934	2723	6.83	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:33:12	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130	147	137	138	6.09	cps
Molybdenum	94-1	2050	2125	1950	2042	4.30	cps
Molybdenum	95-1	2492	2475	2084	2350	9.84	cps
Molybdenum	96-1	2867	2734	2292	2631	11.44	cps
Molybdenum	97-1	1458	1450	1442	1450	0.57	cps
Molybdenum	98-1	3992	3734	3609	3778	5.18	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	17	17	7	13	43.29	cps
Nickel	60-2	143	153	143	147	3.94	cps
Phosphorus	31-2	133	167	100	133	25.00	cps
Potassium	39-2	25131	25347	25289	25256	0.44	cps
Rhodium	103-1	18359533	18482672	18284406	18375537	0.54	cps
Rhodium	103-2	8706412	8737595	8619448	8687818	0.70	cps
Scandium	45-1	10689206	10830607	10704307	10741373	0.72	cps
Scandium	45-2	447686	447793	447811	447763	0.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	31	26	30	12.73	cps
Selenium	82-1	-87	-63	158	3	5013.98	cps
Silicon	28-1	122666	122490	121852	122336	0.35	cps
Silver	109-1	617	583	508	569	9.74	cps
Silver	107-1	908	700	808	806	12.94	cps
Sodium	23-2	44693	46188	45570	45484	1.65	cps
Strontium	86-1	7569	7886	8453	7969	5.62	cps
Strontium	88-1	1000	1092	967	1020	6.35	cps
Sulfur	34-1	556337	556049	555809	556065	0.05	cps
Terbium	159-1	29691959	30089886	29740299	29840715	0.73	cps
Terbium	159-2	12976472	12967842	12920647	12954987	0.23	cps
Thallium	203-1	1742	1767	1825	1778	2.41	cps
Thallium	205-1	3292	3201	3367	3287	2.54	cps
Thorium	232-1	6363	6613	6535	6504	1.97	cps
Tin	118-1	2850	2959	3342	3050	8.47	cps
Titanium	47-1	258	275	225	253	10.07	cps
Uranium	238-1	3926	4117	3726	3923	4.99	cps
Vanadium	51-2	47	47	60	51	15.06	cps
Yttrium	89-1	22113736	22392241	22180195	22228724	0.65	cps
Yttrium	89-2	2793122	2792947	2774174	2786747	0.39	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:33:12	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	277	280	330	296	10.11	cps
Zirconium	90-1	2150	2525	2550	2409	9.30	cps
Zirconium	91-1	375	492	392	419	15.04	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 17:42:04 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	108	133	92	56.78	cps
Antimony	121-1	1017	1000	933	983	4.48	cps
Arsenic	75-1	-12023	-11960	-12250	-12078	-1.26	cps
Barium	135-1	58	108	67	78	34.44	cps
Barium	137-1	25	58	33	39	44.62	cps
Beryllium	9-1	163	133	207	168	21.97	cps
Bismuth	209-1	19170944	19176204	19284932	19210693	0.33	cps
Bismuth	209-2	9904941	10032974	9970036	9969317	0.64	cps
Boron	10-1	3109	3234	3092	3145	2.46	cps
Boron	11-1	14374	14758	14524	14552	1.33	cps
Cadmium	111-1	6615	6566	6449	6543	1.30	cps
Cadmium	106-1	9345	9303	9153	9267	1.09	cps
Cadmium	108-1	21	25	29	25	16.68	cps
Calcium	43-1	192	233	167	197	17.08	cps
Calcium	44-1	16193	16085	16511	16263	1.36	cps
Chromium	52-2	807	677	850	778	11.60	cps
Cobalt	59-2	53	110	67	77	38.65	cps
Copper	63-2	1300	1243	1310	1285	2.80	cps
Dysprosium	156-1	42	0	42	28	86.60	cps
Dysprosium	156-2	37	23	30	30	22.23	cps
Erbium	164-1	92	183	117	131	36.30	cps
Erbium	164-2	70	50	80	67	22.91	cps
Gadolinium	160-1	200	142	75	139	45.04	cps
Gadolinium	160-2	227	337	310	291	19.71	cps
Holmium	165-1	29898430	29322333	29495436	29572066	1.00	cps
Holmium	165-2	13698698	13689814	13521009	13636507	0.73	cps
Indium	115-1	20801770	20614142	20680455	20698789	0.46	cps
Indium	115-2	3501892	3510562	3487118	3499857	0.34	cps
Iron	56-2	3328	3551	3228	3369	4.90	cps
Iron	57-2	156	150	128	144	10.18	cps
Krypton	83-1	4888	4931	4898	4905	0.46	cps
Lead	206-1	1700	1478	1739	1639	8.60	cps
Lead	207-1	1572	1622	1522	1572	3.18	cps
Lead	208-1	6373	5984	6445	6267	3.96	cps
Lithium	6-1	4765541	4742406	4730764	4746237	0.37	cps
Magnesium	24-2	558	475	533	522	8.19	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:42:04	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	70	20	46	54.92	cps
Molybdenum	94-1	917	933	817	889	7.10	cps
Molybdenum	95-1	567	558	525	550	4.01	cps
Molybdenum	96-1	650	658	583	631	6.52	cps
Molybdenum	97-1	367	400	525	431	19.39	cps
Molybdenum	98-1	1025	1133	983	1047	7.39	cps
Neodymium	150-1	20	0	27	16	89.22	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	97	113	90	100	12.02	cps
Phosphorus	31-2	192	158	142	164	15.54	cps
Potassium	39-2	24288	23978	24446	24237	0.98	cps
Rhodium	103-1	18610700	18433979	18443705	18496128	0.54	cps
Rhodium	103-2	8885328	8897988	8837327	8873548	0.36	cps
Scandium	45-1	10854569	10803266	10737167	10798334	0.55	cps
Scandium	45-2	454882	455453	451557	453964	0.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	57	50	54	6.90	cps
Selenium	82-1	-62	-67	66	-21	-360.58	cps
Silicon	28-1	116192	116509	117056	116586	0.38	cps
Silver	109-1	292	242	200	244	18.78	cps
Silver	107-1	408	283	392	361	18.80	cps
Sodium	23-2	37456	37899	37657	37671	0.59	cps
Strontium	86-1	8003	7636	8111	7916	3.15	cps
Strontium	88-1	442	475	358	425	14.14	cps
Sulfur	34-1	586971	581169	583465	583868	0.50	cps
Terbium	159-1	29872221	29693993	29615637	29727284	0.44	cps
Terbium	159-2	13150234	13205570	12976322	13110709	0.91	cps
Thallium	203-1	1208	1092	1108	1136	5.55	cps
Thallium	205-1	1950	1784	2017	1917	6.27	cps
Thorium	232-1	3684	3706	3695	3695	0.30	cps
Tin	118-1	2367	2134	2192	2231	5.44	cps
Titanium	47-1	92	175	108	125	35.28	cps
Uranium	238-1	3134	3217	2950	3101	4.40	cps
Vanadium	51-2	13	0	3	6	124.93	cps
Yttrium	89-1	22498231	22444944	22349637	22430937	0.34	cps
Yttrium	89-2	2851879	2871947	2842604	2855476	0.53	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:42:04	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	257	307	243	269	12.42	cps
Zirconium	90-1	1717	1775	1700	1731	2.28	cps
Zirconium	91-1	375	317	475	389	20.59	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:45:41	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	150	225	203	22.63	cps
Antimony	121-1	683	550	642	625	10.91	cps
Arsenic	75-1	-11173	-11946	-12248	-11789	-4.70	cps
Barium	135-1	125	133	150	136	9.35	cps
Barium	137-1	200	183	217	200	8.33	cps
Beryllium	9-1	187	140	157	161	14.68	cps
Bismuth	209-1	19188638	19382086	19374266	19314996	0.57	cps
Bismuth	209-2	10162754	10109946	10209710	10160804	0.49	cps
Boron	10-1	2642	2317	2425	2461	6.72	cps
Boron	11-1	12089	11847	11830	11922	1.21	cps
Cadmium	111-1	7072	6879	7139	7030	1.93	cps
Cadmium	106-1	9962	9729	10087	9926	1.83	cps
Cadmium	108-1	38	33	38	36	6.67	cps
Calcium	43-1	342	275	308	308	10.81	cps
Calcium	44-1	19915	20174	19389	19826	2.02	cps
Chromium	52-2	790	760	783	778	2.03	cps
Cobalt	59-2	103	113	137	118	14.52	cps
Copper	63-2	1470	1550	1547	1522	2.97	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	27	17	40	28	42.13	cps
Erbium	164-1	67	75	92	78	16.37	cps
Erbium	164-2	83	87	80	83	4.00	cps
Gadolinium	160-1	183	158	225	189	17.83	cps
Gadolinium	160-2	353	300	330	328	8.16	cps
Holmium	165-1	29880965	29886898	29748597	29838820	0.26	cps
Holmium	165-2	13934001	13843878	13867437	13881772	0.34	cps
Indium	115-1	20998088	21049186	21070390	21039221	0.18	cps
Indium	115-2	3557365	3587659	3587461	3577495	0.49	cps
Iron	56-2	11527	11505	12261	11764	3.66	cps
Iron	57-2	372	272	367	337	16.68	cps
Krypton	83-1	4744	4818	4908	4823	1.70	cps
Lead	206-1	1795	1822	1672	1763	4.53	cps
Lead	207-1	1522	1828	1678	1676	9.12	cps
Lead	208-1	6551	7045	6367	6655	5.27	cps
Lithium	6-1	4781047	4822237	4810316	4804533	0.44	cps
Magnesium	24-2	2000	1967	1884	1950	3.08	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:45:41	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	80	63	70	12.60	cps
Molybdenum	94-1	808	892	842	847	4.95	cps
Molybdenum	95-1	525	600	650	592	10.63	cps
Molybdenum	96-1	708	758	667	711	6.45	cps
Molybdenum	97-1	383	358	433	392	9.75	cps
Molybdenum	98-1	975	942	950	956	1.82	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	23	10	12	83.33	cps
Nickel	60-2	130	110	140	127	12.06	cps
Phosphorus	31-2	125	150	142	139	9.16	cps
Potassium	39-2	24104	24412	23378	23965	2.22	cps
Rhodium	103-1	18704067	18788684	18859120	18783957	0.41	cps
Rhodium	103-2	9029731	9003808	9032611	9022050	0.18	cps
Scandium	45-1	10892164	11041901	11049022	10994362	0.81	cps
Scandium	45-2	458980	465333	464525	462946	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	46	41	39	42	9.19	cps
Selenium	82-1	-56	55	97	32	246.14	cps
Silicon	28-1	118105	118255	119154	118505	0.48	cps
Silver	109-1	242	192	233	222	12.05	cps
Silver	107-1	375	408	317	367	12.65	cps
Sodium	23-2	39168	38383	39653	39068	1.64	cps
Strontium	86-1	7952	7844	8094	7964	1.57	cps
Strontium	88-1	633	683	758	692	9.10	cps
Sulfur	34-1	602589	599458	595750	599266	0.57	cps
Terbium	159-1	30124048	30494020	30271820	30296629	0.61	cps
Terbium	159-2	13307564	13386284	13231754	13308534	0.58	cps
Thallium	203-1	975	950	1275	1067	16.96	cps
Thallium	205-1	2050	2175	1917	2047	6.31	cps
Thorium	232-1	3351	3356	3623	3443	4.52	cps
Tin	118-1	2367	2534	2334	2411	4.44	cps
Titanium	47-1	133	267	100	167	52.92	cps
Uranium	238-1	3534	3876	3876	3762	5.25	cps
Vanadium	51-2	30	20	20	23	24.74	cps
Yttrium	89-1	22767668	22573601	22934692	22758654	0.79	cps
Yttrium	89-2	2886944	2889127	2901864	2892645	0.28	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:45:41	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	510	537	503	517	3.41	cps
Zirconium	90-1	1884	1917	2109	1970	6.17	cps
Zirconium	91-1	408	317	458	394	18.22	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:49:17	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3234	3250	2575	3020	12.75	cps
Antimony	121-1	34828	34426	34067	34440	1.10	cps
Arsenic	75-1	-8506	-6795	-9402	-8234	-16.09	cps
Barium	135-1	42399	43770	42926	43032	1.61	cps
Barium	137-1	75573	76100	73965	75213	1.48	cps
Beryllium	9-1	3097	2887	2920	2968	3.80	cps
Bismuth	209-1	19445666	19358633	19383106	19395802	0.23	cps
Bismuth	209-2	9864688	10107947	10072557	10015064	1.31	cps
Boron	10-1	12906	13557	13315	13259	2.48	cps
Boron	11-1	63283	64011	62906	63400	0.89	cps
Cadmium	111-1	12332	12687	12648	12556	1.55	cps
Cadmium	106-1	10196	10963	10696	10618	3.67	cps
Cadmium	108-1	367	483	408	419	14.10	cps
Calcium	43-1	23044	23119	23545	23236	1.16	cps
Calcium	44-1	391063	389703	389027	389931	0.27	cps
Chromium	52-2	10447	10284	10310	10347	0.85	cps
Cobalt	59-2	8329	8436	8566	8444	1.40	cps
Copper	63-2	13320	13687	13023	13343	2.49	cps
Dysprosium	156-1	42	17	17	25	57.73	cps
Dysprosium	156-2	23	23	27	24	7.89	cps
Erbium	164-1	50	125	92	89	42.28	cps
Erbium	164-2	73	80	67	73	9.09	cps
Gadolinium	160-1	142	117	142	133	10.83	cps
Gadolinium	160-2	313	320	293	309	4.49	cps
Holmium	165-1	30363640	30326230	29992907	30227592	0.68	cps
Holmium	165-2	13721858	13830474	13703951	13752094	0.50	cps
Indium	115-1	21301691	21130538	21142555	21191594	0.45	cps
Indium	115-2	3516570	3572436	3564165	3551057	0.85	cps
Iron	56-2	224794	229518	227314	227209	1.04	cps
Iron	57-2	6274	5696	5935	5968	4.87	cps
Krypton	83-1	4597	4758	5081	4812	5.12	cps
Lead	206-1	18803	19009	18363	18725	1.76	cps
Lead	207-1	15771	16216	15877	15954	1.46	cps
Lead	208-1	71899	73581	71448	72309	1.55	cps
Lithium	6-1	4855075	4857765	4835276	4849372	0.25	cps
Magnesium	24-2	188246	188742	187989	188326	0.20	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:49:17	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3170	2844	2934	2983	5.66	cps
Molybdenum	94-1	33574	34041	33950	33855	0.73	cps
Molybdenum	95-1	43166	42823	42598	42863	0.67	cps
Molybdenum	96-1	48684	47973	47848	48169	0.94	cps
Molybdenum	97-1	27411	26910	26400	26907	1.88	cps
Molybdenum	98-1	68615	68725	68398	68579	0.24	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	7	7	17	10	57.72	cps
Nickel	60-2	2264	2530	2300	2365	6.11	cps
Phosphorus	31-2	633	458	492	528	17.61	cps
Potassium	39-2	165742	166356	166391	166163	0.22	cps
Rhodium	103-1	19011643	18998547	18894433	18968208	0.34	cps
Rhodium	103-2	8859886	9003921	8993861	8952556	0.90	cps
Scandium	45-1	11129785	11089380	11026699	11081955	0.47	cps
Scandium	45-2	461443	463204	461023	461890	0.25	cps
Selenium	77-2	67	57	77	67	15.00	cps
Selenium	78-2	324	331	278	311	9.36	cps
Selenium	82-1	2317	2011	1771	2033	13.44	cps
Silicon	28-1	203802	200696	199638	201379	1.07	cps
Silver	109-1	20299	20416	20349	20354	0.29	cps
Silver	107-1	21475	21492	21150	21372	0.90	cps
Sodium	23-2	375871	381021	377155	378015	0.71	cps
Strontium	86-1	13173	13023	13057	13084	0.60	cps
Strontium	88-1	47129	45039	46593	46253	2.35	cps
Sulfur	34-1	604614	604311	598166	602364	0.60	cps
Terbium	159-1	30507315	30479375	30265031	30417241	0.44	cps
Terbium	159-2	13103876	13381054	13250961	13245297	1.05	cps
Thallium	203-1	22236	21502	21902	21880	1.68	cps
Thallium	205-1	51627	50873	51409	51303	0.76	cps
Thorium	232-1	64484	63608	62658	63583	1.44	cps
Tin	118-1	82031	79802	80213	80682	1.47	cps
Titanium	47-1	10871	11188	10955	11005	1.49	cps
Uranium	238-1	68484	68182	67494	68053	0.75	cps
Vanadium	51-2	18629	18912	18882	18808	0.83	cps
Yttrium	89-1	23133274	22757051	22893650	22927992	0.83	cps
Yttrium	89-2	2844441	2904617	2898813	2882624	1.15	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:49:17	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2204	2327	2127	2219	4.55	cps
Zirconium	90-1	27218	26868	26108	26731	2.12	cps
Zirconium	91-1	5943	5676	5393	5671	4.85	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:52:54	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2709	2859	2942	2836	4.17	cps
Antimony	121-1	35797	35295	35463	35518	0.72	cps
Arsenic	75-1	-8715	-8968	-9448	-9044	-4.12	cps
Barium	135-1	42508	43201	43327	43012	1.03	cps
Barium	137-1	76520	74610	75053	75394	1.33	cps
Beryllium	9-1	2987	2997	2854	2946	2.72	cps
Bismuth	209-1	19652628	19425446	19398149	19492074	0.72	cps
Bismuth	209-2	10102668	10121911	10025987	10083522	0.50	cps
Boron	10-1	13390	13774	14057	13740	2.44	cps
Boron	11-1	63911	64622	65024	64519	0.87	cps
Cadmium	111-1	11969	12658	12607	12411	3.09	cps
Cadmium	106-1	10237	10930	11021	10729	3.99	cps
Cadmium	108-1	438	438	442	439	0.55	cps
Calcium	43-1	23787	23069	23261	23372	1.59	cps
Calcium	44-1	397696	393277	390517	393830	0.92	cps
Chromium	52-2	10414	10207	10501	10374	1.45	cps
Cobalt	59-2	8152	8439	8316	8302	1.73	cps
Copper	63-2	13570	13647	13603	13607	0.28	cps
Dysprosium	156-1	42	25	50	39	32.73	cps
Dysprosium	156-2	30	40	23	31	26.97	cps
Erbium	164-1	75	158	92	108	40.71	cps
Erbium	164-2	47	70	113	77	44.13	cps
Gadolinium	160-1	117	217	208	181	30.73	cps
Gadolinium	160-2	340	343	297	327	7.97	cps
Holmium	165-1	30601514	30002587	30270015	30291372	0.99	cps
Holmium	165-2	13923503	13896890	13882776	13901056	0.15	cps
Indium	115-1	21458880	21054265	21188255	21233800	0.97	cps
Indium	115-2	3590549	3555930	3600929	3582469	0.66	cps
Iron	56-2	229466	227146	228767	228460	0.52	cps
Iron	57-2	6040	5979	6085	6035	0.88	cps
Krypton	83-1	4784	4921	4828	4844	1.44	cps
Lead	206-1	19031	18664	18702	18799	1.07	cps
Lead	207-1	15860	15954	16027	15947	0.52	cps
Lead	208-1	72946	72005	72228	72393	0.68	cps
Lithium	6-1	4906555	4839656	4898073	4881428	0.75	cps
Magnesium	24-2	188523	190844	190562	189976	0.67	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:52:54	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3064	2934	2917	2971	2.70	cps
Molybdenum	94-1	36072	34300	34994	35122	2.54	cps
Molybdenum	95-1	43308	43124	43191	43208	0.22	cps
Molybdenum	96-1	48258	47731	49194	48394	1.53	cps
Molybdenum	97-1	27018	27060	26734	26937	0.66	cps
Molybdenum	98-1	70265	70986	69235	70162	1.25	cps
Neodymium	150-1	20	0	27	16	89.22	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	2437	2407	2614	2486	4.49	cps
Phosphorus	31-2	425	483	517	475	9.77	cps
Potassium	39-2	169727	169659	166686	168690	1.03	cps
Rhodium	103-1	19188282	18880654	18873441	18980792	0.95	cps
Rhodium	103-2	9083580	9045293	9043537	9057470	0.25	cps
Scandium	45-1	11051578	11061041	11075542	11062721	0.11	cps
Scandium	45-2	463826	468631	466626	466361	0.52	cps
Selenium	77-2	67	83	63	71	15.07	cps
Selenium	78-2	254	311	289	285	10.17	cps
Selenium	82-1	2142	1858	2040	2013	7.14	cps
Silicon	28-1	203644	206900	203172	204572	0.99	cps
Silver	109-1	20808	21092	20549	20816	1.30	cps
Silver	107-1	21734	21525	21492	21584	0.61	cps
Sodium	23-2	380915	383811	384754	383160	0.52	cps
Strontium	86-1	13674	12623	13732	13343	4.68	cps
Strontium	88-1	47120	47789	46877	47262	1.00	cps
Sulfur	34-1	606921	603347	598318	602862	0.72	cps
Terbium	159-1	30558701	30357145	30319015	30411620	0.42	cps
Terbium	159-2	13421158	13350969	13392756	13388294	0.26	cps
Thallium	203-1	21819	21084	22103	21668	2.43	cps
Thallium	205-1	51878	52011	51743	51877	0.26	cps
Thorium	232-1	67270	65181	65109	65853	1.86	cps
Tin	118-1	83483	79960	81025	81489	2.22	cps
Titanium	47-1	10538	10638	10771	10649	1.10	cps
Uranium	238-1	69490	68341	66800	68210	1.98	cps
Vanadium	51-2	18762	19530	19082	19125	2.02	cps
Yttrium	89-1	23234938	22847292	23104776	23062335	0.86	cps
Yttrium	89-2	2913063	2876675	2896195	2895311	0.63	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:52:54	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2340	2227	2380	2316	3.43	cps
Zirconium	90-1	27377	26667	26617	26887	1.58	cps
Zirconium	91-1	6185	5810	5935	5976	3.20	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:56:30	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1381815	1363280	1338012	1361036	1.62	cps
Antimony	121-1	8691459	8612338	8623504	8642434	0.50	cps
Arsenic	75-1	1673993	1671712	1658453	1668053	0.50	cps
Barium	135-1	10135935	10111890	10082871	10110232	0.26	cps
Barium	137-1	17799452	17623310	17833366	17752043	0.64	cps
Beryllium	9-1	1316692	1310662	1307454	1311603	0.36	cps
Bismuth	209-1	18079888	18113067	18198828	18130594	0.34	cps
Bismuth	209-2	9180453	9157105	9121085	9152881	0.33	cps
Boron	10-1	213049	218159	216623	215944	1.21	cps
Boron	11-1	1026090	1056779	1046021	1042963	1.49	cps
Cadmium	111-1	2519707	2484775	2509581	2504688	0.72	cps
Cadmium	106-1	288016	285209	294316	289180	1.61	cps
Cadmium	108-1	195137	194135	196040	195104	0.49	cps
Calcium	43-1	2181210	2185097	2177464	2181257	0.17	cps
Calcium	44-1	35536431	35500955	35294989	35444125	0.37	cps
Chromium	52-2	2184934	2197381	2148358	2176891	1.17	cps
Cobalt	59-2	3721592	3740743	3635271	3699202	1.52	cps
Copper	63-2	5423074	5392278	5316295	5377216	1.02	cps
Dysprosium	156-1	150	208	183	181	16.21	cps
Dysprosium	156-2	170	177	190	179	5.69	cps
Erbium	164-1	217	67	92	125	64.29	cps
Erbium	164-2	70	107	90	89	20.65	cps
Gadolinium	160-1	117	217	125	153	36.32	cps
Gadolinium	160-2	277	317	330	308	9.02	cps
Holmium	165-1	29368927	29310374	29275876	29318392	0.16	cps
Holmium	165-2	13290153	13265624	13076483	13210753	0.89	cps
Indium	115-1	19515110	19492751	19424676	19477512	0.24	cps
Indium	115-2	3261463	3243004	3183894	3229454	1.25	cps
Iron	56-2	97910266	97427344	95193985	96843865	1.50	cps
Iron	57-2	2416912	2423934	2361168	2400671	1.43	cps
Krypton	83-1	4607	4467	4671	4582	2.27	cps
Lead	206-1	8394793	8488293	8465314	8449467	0.58	cps
Lead	207-1	7085774	7114094	7105277	7101715	0.20	cps
Lead	208-1	32701473	32737401	32692729	32710534	0.07	cps
Lithium	6-1	4394698	4445234	4392259	4410730	0.68	cps
Magnesium	24-2	17189052	16963934	16629139	16927375	1.66	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:56:30	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2605334	2592645	2537302	2578427	1.40	cps
Molybdenum	94-1	16668736	16582384	16613914	16621678	0.26	cps
Molybdenum	95-1	20996722	20956165	20917518	20956802	0.19	cps
Molybdenum	96-1	23521644	23425326	23252549	23399840	0.58	cps
Molybdenum	97-1	13244241	13161751	13171214	13192402	0.34	cps
Molybdenum	98-1	34032580	34003029	33997331	34010980	0.06	cps
Neodymium	150-1	973	833	1000	936	9.57	cps
Neodymium	150-2	97	77	93	89	12.05	cps
Nickel	60-2	985730	975753	960434	973972	1.31	cps
Phosphorus	31-2	66189	65712	64992	65631	0.92	cps
Potassium	39-2	6666035	6621003	6545591	6610876	0.92	cps
Rhodium	103-1	16947024	16875233	17019981	16947413	0.43	cps
Rhodium	103-2	8094074	8016966	7941339	8017460	0.95	cps
Scandium	45-1	10130768	10256553	10095318	10160879	0.83	cps
Scandium	45-2	428794	424913	422446	425384	0.75	cps
Selenium	77-2	6352	6231	6408	6330	1.43	cps
Selenium	78-2	21618	21357	21488	21488	0.61	cps
Selenium	82-1	168469	168680	167783	168310	0.28	cps
Silicon	28-1	4534862	4563829	4586239	4561643	0.56	cps
Silver	109-1	10573952	10548862	10609409	10577407	0.29	cps
Silver	107-1	11064732	10995429	11022621	11027594	0.32	cps
Sodium	23-2	32323191	32214038	31475680	32004303	1.44	cps
Strontium	86-1	2480060	2480824	2492340	2484408	0.28	cps
Strontium	88-1	21861828	21693209	21590779	21715272	0.63	cps
Sulfur	34-1	1319928	1298700	1299399	1306009	0.92	cps
Terbium	159-1	29431379	29363448	29433501	29409443	0.14	cps
Terbium	159-2	12827161	12734087	12486563	12682603	1.39	cps
Thallium	203-1	10383921	10436783	10294889	10371864	0.69	cps
Thallium	205-1	24727338	24971452	24808976	24835922	0.50	cps
Thorium	232-1	33921896	34027776	33746954	33898876	0.42	cps
Tin	118-1	7431605	7458471	7439199	7443092	0.19	cps
Titanium	47-1	4868721	4921388	4863619	4884576	0.65	cps
Uranium	238-1	33360523	33367332	33177292	33301716	0.32	cps
Vanadium	51-2	1684667	1682905	1636788	1668120	1.63	cps
Yttrium	89-1	21573732	21383681	21176468	21377960	0.93	cps
Yttrium	89-2	2673703	2694115	2641088	2669635	1.00	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 17:56:30	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	864112	852465	846771	854449	1.03	cps
Zirconium	90-1	13113631	13125558	12888998	13042729	1.02	cps
Zirconium	91-1	2922955	2900576	2895157	2906229	0.51	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : LCSS Instrumnet Name : P7
 Client Sample ID : LCSS Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 18:00:06 DataFile Name : 040LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1337725	1342462	1350508	1343565	0.48	cps
Antimony	121-1	8469665	8529150	8488215	8495676	0.36	cps
Arsenic	75-1	1638362	1639544	1643013	1640306	0.15	cps
Barium	135-1	9952214	9988474	9978622	9973104	0.19	cps
Barium	137-1	17457504	17629550	17480656	17522570	0.53	cps
Beryllium	9-1	1279662	1278351	1279923	1279312	0.07	cps
Bismuth	209-1	18179626	18009899	18065123	18084883	0.48	cps
Bismuth	209-2	9130195	9144203	9203265	9159221	0.42	cps
Boron	10-1	213066	221419	226446	220310	3.07	cps
Boron	11-1	1034093	1059619	1065126	1052946	1.57	cps
Cadmium	111-1	2463801	2477881	2482966	2474882	0.40	cps
Cadmium	106-1	283348	279779	286783	283303	1.24	cps
Cadmium	108-1	191742	189688	193299	191576	0.95	cps
Calcium	43-1	2136807	2153075	2154353	2148078	0.46	cps
Calcium	44-1	34694988	35060082	35158890	34971320	0.70	cps
Chromium	52-2	2140019	2155865	2151648	2149177	0.38	cps
Cobalt	59-2	3657489	3691561	3689860	3679637	0.52	cps
Copper	63-2	5282829	5338390	5327404	5316208	0.55	cps
Dysprosium	156-1	225	217	200	214	5.95	cps
Dysprosium	156-2	180	173	153	169	8.22	cps
Erbium	164-1	150	150	183	161	11.94	cps
Erbium	164-2	93	97	73	88	14.38	cps
Gadolinium	160-1	242	242	125	203	33.22	cps
Gadolinium	160-2	290	290	310	297	3.89	cps
Holmium	165-1	29532675	29310534	29242743	29361984	0.52	cps
Holmium	165-2	13177751	13186239	13180866	13181619	0.03	cps
Indium	115-1	19474848	19373661	19515956	19454822	0.38	cps
Indium	115-2	3189812	3206393	3227064	3207756	0.58	cps
Iron	56-2	95703699	95666333	95280658	95550230	0.25	cps
Iron	57-2	2374980	2362482	2388206	2375223	0.54	cps
Krypton	83-1	4491	4344	4604	4480	2.91	cps
Lead	206-1	8405577	8407663	8403756	8405665	0.02	cps
Lead	207-1	7054050	7060910	7041511	7052157	0.14	cps
Lead	208-1	32517622	32483932	32484929	32495494	0.06	cps
Lithium	6-1	4339167	4325399	4343753	4336106	0.22	cps
Magnesium	24-2	16718171	16739813	16771364	16743116	0.16	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : LCSS Instrumnet Name : P7
 Client Sample ID : LCSS Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 18:00:06 DataFile Name : 040LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2544833	2561996	2545363	2550731	0.38	cps
Molybdenum	94-1	16338207	16424040	16410370	16390873	0.28	cps
Molybdenum	95-1	20520558	20562270	20595712	20559513	0.18	cps
Molybdenum	96-1	22872210	23062011	23096486	23010236	0.52	cps
Molybdenum	97-1	12965100	12942233	13004796	12970710	0.24	cps
Molybdenum	98-1	33507759	33525066	33758421	33597082	0.42	cps
Neodymium	150-1	927	960	880	922	4.36	cps
Neodymium	150-2	87	87	90	88	2.19	cps
Nickel	60-2	962507	972913	970017	968479	0.55	cps
Phosphorus	31-2	64482	65278	63954	64571	1.03	cps
Potassium	39-2	6546901	6538309	6522226	6535812	0.19	cps
Rhodium	103-1	16939646	16730025	16839563	16836411	0.62	cps
Rhodium	103-2	7997827	7965683	7974526	7979345	0.21	cps
Scandium	45-1	10012919	10031877	10022379	10022392	0.09	cps
Scandium	45-2	425218	423464	423839	424174	0.22	cps
Selenium	77-2	6268	6351	6408	6343	1.11	cps
Selenium	78-2	21030	21314	21084	21143	0.71	cps
Selenium	82-1	165190	164642	165180	165004	0.19	cps
Silicon	28-1	4583891	4482331	4488600	4518274	1.26	cps
Silver	109-1	10383939	10426404	10426247	10412197	0.24	cps
Silver	107-1	10805297	10803880	10904362	10837846	0.53	cps
Sodium	23-2	31711238	31608130	31747089	31688819	0.23	cps
Strontium	86-1	2419934	2451094	2470032	2447020	1.03	cps
Strontium	88-1	21354260	21390964	21620204	21455143	0.67	cps
Sulfur	34-1	1278345	1278290	1280408	1279014	0.09	cps
Terbium	159-1	29253544	28930859	29223879	29136094	0.61	cps
Terbium	159-2	12638492	12596930	12606419	12613947	0.17	cps
Thallium	203-1	10293836	10329902	10221437	10281725	0.54	cps
Thallium	205-1	24686559	24675315	24580207	24647360	0.24	cps
Thorium	232-1	33585463	33493325	33812180	33630323	0.49	cps
Tin	118-1	7246770	7251293	7282816	7260293	0.27	cps
Titanium	47-1	4769499	4762648	4796380	4776176	0.37	cps
Uranium	238-1	32660254	33113218	33218967	32997480	0.90	cps
Vanadium	51-2	1637391	1647960	1646135	1643829	0.34	cps
Yttrium	89-1	21234477	21151813	21198266	21194852	0.20	cps
Yttrium	89-2	2648738	2647760	2656362	2650953	0.18	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 18:00:06	DataFile Name :	040LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	841250	847914	851537	846900	0.62	cps
Zirconium	90-1	12820945	12846701	12869147	12845598	0.19	cps
Zirconium	91-1	2830208	2879125	2856556	2855297	0.86	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 18:03:42	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6907835	6813973	6844354	6855387	0.70	cps
Antimony	121-1	7770172	7777516	7803736	7783808	0.23	cps
Arsenic	75-1	1633097	1623632	1659428	1638719	1.13	cps
Barium	135-1	9273883	9339258	9351124	9321422	0.45	cps
Barium	137-1	16266956	16431611	16292343	16330303	0.54	cps
Beryllium	9-1	1177767	1184964	1178869	1180533	0.33	cps
Bismuth	209-1	16518895	15914395	16828224	16420505	2.83	cps
Bismuth	209-2	8356838	8380302	8266997	8334713	0.72	cps
Boron	10-1	210523	213563	216545	213544	1.41	cps
Boron	11-1	1010968	1027736	1036052	1024919	1.25	cps
Cadmium	111-1	2460267	2479281	2490725	2476757	0.62	cps
Cadmium	106-1	281877	278321	282757	280985	0.84	cps
Cadmium	108-1	190211	192043	191322	191192	0.48	cps
Calcium	43-1	9580763	9484736	9571126	9545542	0.55	cps
Calcium	44-1	157315974	155561191	157390666	156755944	0.66	cps
Chromium	52-2	2080685	2058669	2082844	2074066	0.65	cps
Cobalt	59-2	3434652	3407274	3400997	3414307	0.52	cps
Copper	63-2	5589839	5517981	5556021	5554614	0.65	cps
Dysprosium	156-1	242	258	267	256	4.98	cps
Dysprosium	156-2	200	160	177	179	11.23	cps
Erbium	164-1	208	225	158	197	17.59	cps
Erbium	164-2	103	107	117	109	6.37	cps
Gadolinium	160-1	258	217	267	247	10.84	cps
Gadolinium	160-2	283	357	323	321	11.44	cps
Holmium	165-1	28220104	27570955	28763320	28184793	2.12	cps
Holmium	165-2	12696891	12692496	12601763	12663717	0.42	cps
Indium	115-1	18162889	17740167	18674392	18192483	2.57	cps
Indium	115-2	3057141	3033797	3049162	3046700	0.39	cps
Iron	56-2	438178132	443025299	440828232	440677221	0.55	cps
Iron	57-2	11002026	10810485	10931079	10914530	0.89	cps
Krypton	83-1	4254	4451	4341	4349	2.27	cps
Lead	206-1	7573620	7619820	7621302	7604914	0.36	cps
Lead	207-1	6460187	6442631	6425149	6442656	0.27	cps
Lead	208-1	29473179	29366578	29414612	29418123	0.18	cps
Lithium	6-1	4139242	4031384	4202640	4124422	2.10	cps
Magnesium	24-2	77188329	76422291	77366329	76992316	0.65	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 18:03:42	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2399690	2390998	2393221	2394636	0.19	cps
Molybdenum	94-1	15435124	15453991	15440025	15443047	0.06	cps
Molybdenum	95-1	19356379	19535968	19312478	19401608	0.61	cps
Molybdenum	96-1	21728427	21618587	21558267	21635094	0.40	cps
Molybdenum	97-1	12191912	12152412	12164105	12169476	0.17	cps
Molybdenum	98-1	31459781	31451587	31447604	31452991	0.02	cps
Neodymium	150-1	880	887	913	893	1.97	cps
Neodymium	150-2	137	110	170	139	21.64	cps
Nickel	60-2	900157	891396	896210	895921	0.49	cps
Phosphorus	31-2	60005	61201	60607	60604	0.99	cps
Potassium	39-2	31266045	31189343	31173128	31209506	0.16	cps
Rhodium	103-1	15373833	15027256	15795356	15398815	2.50	cps
Rhodium	103-2	7318483	7271778	7326432	7305565	0.40	cps
Scandium	45-1	9727012	9444481	9932780	9701425	2.53	cps
Scandium	45-2	418151	416881	414207	416413	0.48	cps
Selenium	77-2	6148	5831	5901	5960	2.79	cps
Selenium	78-2	19843	19712	19267	19607	1.54	cps
Selenium	82-1	152065	151727	151602	151798	0.16	cps
Silicon	28-1	4727834	4800951	4854625	4794470	1.33	cps
Silver	109-1	10155779	10180990	10253609	10196793	0.50	cps
Silver	107-1	10665940	10547508	10676908	10630118	0.67	cps
Sodium	23-2	147729057	146929566	147308270	147322298	0.27	cps
Strontium	86-1	2299340	2287745	2319788	2302291	0.70	cps
Strontium	88-1	20126860	20038733	20096744	20087446	0.22	cps
Sulfur	34-1	1224602	1224701	1222755	1224019	0.09	cps
Terbium	159-1	28171694	27465272	28956965	28197977	2.65	cps
Terbium	159-2	12200039	12081922	12100079	12127347	0.52	cps
Thallium	203-1	9392174	9370129	9386144	9382815	0.12	cps
Thallium	205-1	22564192	22358673	22512446	22478437	0.48	cps
Thorium	232-1	31918431	31546122	31751854	31738803	0.59	cps
Tin	118-1	6750804	6714995	6753405	6739734	0.32	cps
Titanium	47-1	4518327	4513146	4554121	4528531	0.49	cps
Uranium	238-1	31385687	31260787	31202218	31282897	0.30	cps
Vanadium	51-2	1588303	1575498	1584756	1582852	0.42	cps
Yttrium	89-1	20393241	19854827	20981288	20409785	2.76	cps
Yttrium	89-2	2596030	2560296	2567241	2574522	0.74	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 18:03:42	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	852684	837349	840949	843661	0.95	cps
Zirconium	90-1	12068071	12074532	12077424	12073342	0.04	cps
Zirconium	91-1	2695767	2687571	2680168	2687835	0.29	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : CCB29 Instrumnet Name : P7
 Client Sample ID : CCB29 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 18:13:07 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	250	158	214	22.83	cps
Antimony	121-1	2892	2767	2959	2873	3.39	cps
Arsenic	75-1	-11897	-11223	-11393	-11504	-3.05	cps
Barium	135-1	167	192	233	197	17.08	cps
Barium	137-1	225	333	317	292	20.00	cps
Beryllium	9-1	210	253	263	242	11.71	cps
Bismuth	209-1	18958316	19010581	19103565	19024154	0.39	cps
Bismuth	209-2	9912718	9868343	9823105	9868055	0.45	cps
Boron	10-1	7444	7144	7544	7377	2.82	cps
Boron	11-1	35952	33655	33722	34443	3.80	cps
Cadmium	111-1	7239	6863	6860	6987	3.12	cps
Cadmium	106-1	10112	9570	9604	9762	3.11	cps
Cadmium	108-1	33	17	13	21	52.90	cps
Calcium	43-1	233	267	317	272	15.41	cps
Calcium	44-1	18162	17704	18021	17962	1.31	cps
Chromium	52-2	657	817	833	769	12.69	cps
Cobalt	59-2	140	110	103	118	16.58	cps
Copper	63-2	1337	1577	1430	1448	8.36	cps
Dysprosium	156-1	50	33	33	39	24.75	cps
Dysprosium	156-2	17	50	30	32	52.06	cps
Erbium	164-1	142	167	183	164	12.80	cps
Erbium	164-2	113	80	77	90	22.53	cps
Gadolinium	160-1	167	175	192	178	7.16	cps
Gadolinium	160-2	293	377	317	329	13.07	cps
Holmium	165-1	29829679	29848695	29720270	29799548	0.23	cps
Holmium	165-2	13705504	13642691	13662160	13670119	0.24	cps
Indium	115-1	20930552	20769984	20927820	20876119	0.44	cps
Indium	115-2	3515972	3486347	3514115	3505478	0.47	cps
Iron	56-2	9331	9414	9387	9377	0.45	cps
Iron	57-2	256	289	289	278	6.93	cps
Krypton	83-1	4888	4804	4784	4825	1.14	cps
Lead	206-1	2267	2311	2222	2267	1.96	cps
Lead	207-1	2000	1711	1806	1839	8.01	cps
Lead	208-1	7873	8012	7862	7916	1.06	cps
Lithium	6-1	4769287	4778423	4785831	4777847	0.17	cps
Magnesium	24-2	1583	1383	1425	1464	7.21	cps

LB Number : LB106226 Operator : Jaswal
 Lab Sample ID : CCB29 Instrumnet Name : P7
 Client Sample ID : CCB29 Dilution Factor : 1
 Date & Time Acquired :: 2019-09-13 18:13:07 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	93	93	93	0.00	cps
Molybdenum	94-1	1934	1725	1942	1867	6.58	cps
Molybdenum	95-1	2259	2050	1800	2036	11.27	cps
Molybdenum	96-1	2492	2225	2292	2336	5.94	cps
Molybdenum	97-1	1358	1300	1408	1356	4.00	cps
Molybdenum	98-1	3509	3501	3150	3387	6.04	cps
Neodymium	150-1	7	7	33	16	98.94	cps
Neodymium	150-2	0	13	7	7	99.98	cps
Nickel	60-2	110	143	137	130	13.57	cps
Phosphorus	31-2	117	167	125	136	19.68	cps
Potassium	39-2	26274	26375	25464	26038	1.92	cps
Rhodium	103-1	18597895	18524932	18492123	18538317	0.29	cps
Rhodium	103-2	8901622	8822815	8844249	8856228	0.46	cps
Scandium	45-1	10789812	10919173	10844490	10851159	0.60	cps
Scandium	45-2	452444	450785	449808	451012	0.30	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	41	57	35	44	26.02	cps
Selenium	82-1	-36	-176	-143	-118	-61.81	cps
Silicon	28-1	121223	121600	122205	121676	0.41	cps
Silver	109-1	417	508	475	467	9.94	cps
Silver	107-1	675	608	633	639	5.27	cps
Sodium	23-2	46674	46130	45127	45977	1.71	cps
Strontium	86-1	7836	7953	7377	7722	3.94	cps
Strontium	88-1	608	617	625	617	1.35	cps
Sulfur	34-1	567502	570031	572023	569852	0.40	cps
Terbium	159-1	30272965	30011890	30135107	30139987	0.43	cps
Terbium	159-2	13225501	13165561	13152212	13181091	0.30	cps
Thallium	203-1	1909	1642	1717	1756	7.83	cps
Thallium	205-1	3751	3567	3451	3590	4.21	cps
Thorium	232-1	5635	5607	6074	5772	4.54	cps
Tin	118-1	2667	2784	3192	2881	9.57	cps
Titanium	47-1	192	150	208	183	16.39	cps
Uranium	238-1	4101	4201	3867	4056	4.22	cps
Vanadium	51-2	50	37	33	40	22.05	cps
Yttrium	89-1	22535644	22531611	22451931	22506395	0.21	cps
Yttrium	89-2	2833274	2847869	2836560	2839234	0.27	cps

LB Number :	LB106226	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-09-13 18:13:07	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	267	220	267	251	10.73	cps
Zirconium	90-1	1750	2125	2200	2025	11.91	cps
Zirconium	91-1	400	475	308	394	21.16	cps